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REFINED SCREENING-LEVEL ECOLOGICAL RISK ASSESSMENT FOR OPERABLE UNIT 1, REVISION 2

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE HENDERSON, NEVADA

RAMBOLL

Refined Screening-Level Ecological Risk Assessment for Operable Unit 1, Revision 2

Nevada Environmental Response Trust (Former Tronox LLC Site) Henderson, Nevada

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Refined Screening-Level Ecological Risk Assessment for Operable Unit 1, Revision 2

Nevada Environmental Response Trust (Former Tronox LLC Site) Henderson, Nevada

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Refined Screening-Level Ecological Risk Assessment for OU-1, Revision 2
Nevada Environmental Response Trust
Henderson, Nevada

Date	**December 18, 2023**
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ACRONYMS AND ABBREVIATIONS

AF	Assimilation Factor
AhR	aryl hydrocarbon receptor
AMPAC	American Pacific Corporation
AP&CC	American Potash and Chemical Company
ATSDR	Agency for Toxic Substances and Disease Registry
AUF	Area Use Factor
AVG	average
BAF	bioaccumulation factor
BCF	bioconcentration factor
BERA	baseline ecological risk assessment
bgs	below ground surface
BHC	benzene hexachloride
BHRA	baseline health risk assessment
BMI	Black Mountain Industrial
Box-plots	Box-and-whisker plots
BRC	Basic Remediation Company
BW	body weight
CEM	certified environmental manager
C_{FOOD}	concentration in food
COH	City of Henderson
COPEC	Constituent of potential ecological concern
C_s	concentration in soil
CSM	conceptual site model
C_{SOIL}	concentration in soil
C_w	concentration in soil porewater
C_{WATER}	concentration in water
d^{-1}	per day
DDD	dichlorodiphenyldichloroethane
DDE	dichlorodiphenyldichloroethylene
DDT	dichlorodiphenyltrichloroethane
DDx	sum of combined DDT and isomer exposures
DU	decision unit
dw	dry weight

ECA	Excavation Control Area
Eco-SSL	Ecological Soil Screening Level
EFH	extractable fuel hydrocarbons
EMD	EMD Acquisition LLC
ENVIRON	ENVIRON International Corporation
EPC	exposure point concentration
ERA	ecological risk assessment
ESV	ecological screening value
EU	European Union
f_{oc}	fraction of organic carbon
ft	feet
GWETS	Groundwater Extraction and Treatment System
HCB	hexachlorobenzene
HQ	hazard quotient
HRA	Human Health Risk Assessment
IQR	interquartile range
IR_{FOOD}	ingestion rate of food
IR_{SOIL}	ingestion rate of soil
IR_{WATER}	ingestion rate of water
K_d	soil to water partitioning coefficient
Kerr-McGee	Kerr-McGee Chemical Corporation
kg	kilogram(s)
K_{oc}	soil organic carbon to water partitioning coefficient
K_{ow}	octanol-water partitioning coefficient
K_{ww}	biota to soil water partitioning coefficient
L	liter
LANL	Los Alamos National Laboratory
LOAEL	lowest observed adverse effect level
LOEC	Lowest Observable Effect Concentration
LOU	letter of understanding
MAX	maximum
mg	milligram
mph	miles per hour
NDEP	Nevada Division of Environmental Protection

NERT	Nevada Environmental Response Trust
NFA	no further action
ng	nanogram
NOAA	National Oceanographic and Atmospheric Administration
NOAEL	no observed adverse effect level
NOEC	No Observable Effect Concentration
ORNL	Oak Ridge National Laboratory
OSSM	Olin, Stauffer, Syngenta, and Montrose
OSWER	Office of Solid Waste and Emergency Response
OU	operable unit
PAH	polycyclic aromatic hydrocarbon
PBT	persistent, bioaccumulative, and toxic
PCB	polychlorinated biphenyl
PCOPEC	preliminary constituent of potential ecological concern
PeCDF	2,3,4,7,8-pentachlorosibenzo-p-furan
PEPCON	Pacific Engineering and Production Company of Nevada
P_{FOOD}	proportion of food item in diet
ppt	parts per trillion
QSAR	Quantitative Structure Activity Relationship
Ramboll	Ramboll US Corporation (prior to October 1, 2020); Ramboll US Consulting, Inc. (October 1, 2020 to August 31, 2023); Ramboll Americas Engineering Solutions, Inc. (after September 1, 2023)
Ramboll Environ	Ramboll Environ US Corporation
RI	remedial investigation
RI/FS	remedial investigation/feasibility study
RSV	refined screening value
SAR	Structure Activity Relationship
Site	Nevada Environmental Response Trust (NERT) Site
SLERA	screening-level ecological risk assessment
SMDP	scientific management decision point
SOP	Standard Operating Procedure
SQL	Sample quantitation limit
SQuiRT	NOAA Screening Quick Reference Tables
SVOC	semi-volatile organic compound

TCDD	2,3,7,8-tetrachlorodibenzo-p-dioxin
TCDF	2,3,7,8-tetrachlorodibenzofuran
TDD	total daily dose
TDI	total daily intake
TEF	toxic equivalency factor
TEQ	toxicity equivalent quotient
TIMET	Titanium Metals Corporation of America
TPH	total petroleum hydrocarbon
Tronox	Tronox LLC
Trust	Nevada Environmental Response Trust
TRV	Toxicity Reference Value
UCL	upper confidence limit of the mean
UMCf	Upper Muddy Creek formation
US	United States
USACHPPM	United States Army Center for Health Promotion and Preventive Medicine
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
VOC	volatile organic compound
WBZ	water bearing zone
WECCO	Western Electronic Chemical Company
WHO	world health organization
wk^{-1}	per week
wt^{-1}	per weight
ww	wet weight
xMCf	transitional Muddy Creek formation

EXECUTIVE SUMMARY

This report presents a refined Screening-Level Ecological Risk Assessment (Refined SLERA) for Operable Unit 1 (OU-1) within the Nevada Environmental Response Trust (NERT or the Trust) Remedial Investigation (RI) Study Area near Henderson, Nevada (Figure ES-1). OU-1, which is also referred to as the NERT Site (Site) Study Area, comprises approximately 346 acres located within the Black Mountain Industrial (BMI) Complex in unincorporated Clark County, Nevada, and is surrounded by the City of Henderson (COH). The NERT RI Study Area is divided into three Operable Units (OUs), as shown in Figure ES-2. This OU-1 Refined SLERA is provided to evaluate whether constituents from the NERT Site Study Area pose a potential risk to ecological receptors in OU-1.

OU-1 Refined SLERA Approach

This OU-1 Refined SLERA was conducted consistent with the OU-1 Refined SLERA Work Plan, Revision 2, dated July 6, 2015 (Work Plan), and approved by the Nevada Division of Environmental Protection (NDEP) on August 15, 2015 (Ramboll Environ 2015; NDEP 2015). The OU-1 Refined SLERA follows the basic procedures outlined by the NDEP SLERA guidance and United States Environmental Protection Agency (USEPA) risk assessment guidance, as listed in Section 1.1. The objectives of this OU-1 Refined SLERA were to determine which one of the following is applicable:

1. The available data are adequate to conclude that constituents present from historical manufacturing activities do not pose an unacceptable risk to ecological receptors in the OU-1 Refined SLERA Area, and, therefore, there is no need for additional ecological risk assessment (ERA) (i.e., adequate information to conclude that the ecological risks are negligible, and no additional investigation of ecological risk is recommended).
2. Estimated ecological risks are not negligible, but the information is insufficient to indicate that adverse ecological effects are occurring. This may require a baseline ecological risk assessment (BERA).
3. Constituents associated with historical manufacturing activities within OU-1 have the potential to pose unacceptable ecological risks to ecological resources within the OU-1 Refined SLERA Area (i.e., there are sufficient lines of evidence to document potential or actual adverse ecological effects; recommendations may involve further investigation and/or interim action).
4. There is not adequate information to make a risk management decision due to high levels of uncertainty or incomplete information, whereupon the ERA process should continue beyond this screening-level evaluation and a plan to collect additional data should be guided by the refined SLERA.

A tiered approach was used in this OU-1 Refined SLERA that includes "screening" and "refined" scenarios to evaluate the range of potential risks, which is consistent with USEPA and NDEP guidance (USEPA 1997, 1998; NDEP 2006). The screening steps (Steps 1 – 2 of the USEPA's eight-step ERA process; USEPA 1997) are conservative analyses designed to examine potential risks in an overly protective fashion. A refined SLERA consists of Steps 1-3a of USEPA's eight-step ERA process allowing for a more realistic evaluation of potential risk. Within the USEPA eight-step process, Step 3a is considered a refined screening and is considered the initial part of the baseline ERA. The USEPA Steps 1 to 3a in general align

with the NDEP SLERA guidance (NDEP 2006). The most conservative screening (Steps 1 and 2) provided for OU-1 are referred to as the Tier 1 screening. The refined evaluation of ecological risks (Step 3a) provided for OU-1 is referred to as the Tier 2 screening.

Consistent with the Work Plan, the OU-1 Refined SLERA evaluates only a portion of the total area of OU-1. The area evaluated though this Refined SLERA, herein referred to as the "OU-1 Refined SLERA Area", consists of the Operations Area and Parcel E, which is shown in Figures ES-3 and ES-4. The Operations Area has been divided into three ecological decision units (DU), as shown in Figure ES-4. The DU sub-areas were evaluated individually so that no chemicals are eliminated from the risk assessment process prematurely. These five, discrete spatial units are summarized below:

- Operations Area: An approximately 259-acre area owned and used by the Trust for its remediation efforts and its tenant, EMD Acquisition LLC (EMD), for the operation of its chemical manufacturing business. The Operations Area excludes Sale Parcels C, D, E, F, G and H (identified by Tronox LLC [Tronox], the former owner of the Site, as "Sale Parcels"). The Sale Parcels were identified as areas that were either generally undeveloped and/or were not likely to have been significantly impacted by current or former industrial activities. Most of the parcels have undergone remediation and all have been evaluated as part of a Health-Risk Assessment process. Sale Parcels C, D, and H have not been used by the Trust or its tenant since the inception of the Trust and are no longer owned by the Trust (sold on May 8, 2020). Subsequently, Parcels F and G, which also have not been used by the Trust or its tenant since the inception of the Trust, were sold by the Trust on June 15, 2023. With the exception of Parcel E, described further below, each of the Sale Parcels have been granted No Further Action (NFA) determinations by NDEP. Therefore, Sale Parcels C, D, F, G and H are not included in the OU-1 Refined SLERA.
- Ecological Decision Unit 1 (Eco DU-1; 132.7 acres): Includes the northern portion of the Operations Area. This DU is largely vacant except for office trailers, field staging areas, the on-site components of the NERT Groundwater Extraction and Treatment System (GWETS), roadways and utilities, the GW-11, former AP-6, Mn-1, and Mn-2 ponds,[1] the Leasehold debris pile, the Northern Retention Basin and the associated drainage channel, scattered non-operational railroad tracks, monitoring wells, and concrete block walls.
- Eco DU-2 (51.1 acres): Includes the southern portion of the Operations Area that includes the Unit Buildings and leach plant.
- Eco DU-3 (8.5 acres): Includes the central portion of the Operations Area, including the Central Retention Basin, which is located south of the former AP-5 Pond and former Beta Ditch.
- Parcel E (8.6 acres): Parcel E is a non-contiguous, 8.6-acre parcel located in the northwest corner of OU-1 and has not been used by the Trust but contains extraction wells associated with the groundwater extraction system operated by Olin, Stauffer,

[1] The GW-11 and Mn-2 ponds are currently active. The AP-6 pond was emptied in 2001 and is inactive and the Mn-1 pond has been relined and is actively used by EMD. A closure strategy is being developed for GW-11. Lined ponds Mn-1 and Mn-2 are within the EMD leasehold (in OU-1).

Syngenta, and Montrose (OSSM). This system was installed to capture groundwater contamination not associated with OU-1 or Trust operations.

The initial screening approach provided in Sections 2 and 3 of this report includes a conservative screening of maximum detected constituent concentrations in surficial soil. Soil data used in this refined SLERA consists of available surface soil analytical results that are representative of current conditions within the OU-1 Refined SLERA Area. Details regarding the OU-1 Refined SLERA dataset are provided in Section 2.1.5.1. Surface soil data from post-excavation sampling that represents current conditions were included. Excavation Control Areas (ECAs)[2] located in the interior of OU-1 contain no significant attractive features for wildlife, and therefore wildlife would not forage or nest there. As such, surface soil data within these ECAs were excluded from the OU-1 Refined SLERA. ECAs in the southern portion of Eco DU-1 and ECAs in Eco DU-2 and Eco DU-3 fall into this category. Those ECAs that are at or near the boundary of OU-1, adjacent to areas outside of OU-1 that contain vegetation in open spaces where wildlife may be present, were considered in the OU-1 Refined SLERA. ECAs in the northern portion of Eco DU-1 fall into this category. Therefore, surface soil data from ECAs within the northern portion of Eco DU-1 were retained for the refined SLERA (Figure ES-4). All surface soil data available for Parcel E was also included in the OU-1 Refined SLERA. The areas included or excluded from the OU-1 Refined SLERA are discussed in detail in Section 2.

Maximum detected constituent concentrations in surficial soil were identified as exposure point concentrations (EPCs) for the screening in this OU-1 Refined SLERA. The use of the maximum constituent concentrations in soils in the screening is highly protective because it assumes that all ecological receptors spend their entire life within the boundaries of the OU-1 Refined SLERA Area where the maximum concentrations were detected, even if that area contains no habitat for ecological receptors and even if ecological receptors wander in and out of the OU-1 Refined SLERA Area boundaries.

Maximum detected concentrations were identified for the following chemical groups:

- Chlorine oxyanions
- Dioxins and furans
- Metals
- Organochlorine and organophosphate pesticides
- Radionuclide compounds
- Polychlorinated biphenyls (PCBs)
- Polycyclic aromatic hydrocarbons (PAHs)
- Semi-volatile organic compounds (SVOCs)
- Total petroleum hydrocarbons (TPH)
- Volatile organic compounds (VOCs)

Chemical mixtures were also considered because mixtures can influence ecotoxicity, as follows:

- Dioxin and furan mixtures were estimated using the toxic equivalent quotient (TEQ) approach for mammals and birds, using World Health Organization (WHO) equivalency factors and consistent with USEPA guidance.
- PAH mixtures are addressed as high molecular weight PAHs, low molecular weight PAHs, and total PAHs.

[2] ECAs were established in areas where soil remediation could not be completed due to access constraints.

- Pesticide mixtures for dichlorodiphenyltrichloroethane (DDT) and isomers are summed to combined exposures, represented as sum of combined DDT and isomer exposures (DDx).

Conservatively protective ecological screening values (ESVs) were identified for use in the screening. These ESVs were obtained from USEPA and other sources that reflect protection of terrestrial plants, soil invertebrates, birds, reptiles, and mammals. These conservatively protective ESVs reflect no adverse impacts to ecological receptors. All ecological receptors that may occur within or venture into the OU-1 Refined SLERA Area were assumed to be as sensitive to the constituents as the most sensitive organisms used to develop the ESVs.

Screening risk estimates were calculated in this OU-1 Refined SLERA by dividing maximum surface soil concentrations by the most conservative constituent-specific soil ESVs. These unitless constituent-specific ratios are referred to as hazard quotients (HQs). HQs less than or equal to a value of 1 (to one significant figure) indicate that adverse impacts to wildlife are considered unlikely (USEPA 1997). An HQ greater than 1 is an indication that further evaluation may be necessary to evaluate the potential for adverse impacts to wildlife.

The results of the initial screening using maximum detected concentrations are provided in Section 3 of this report and indicated:

- Many chemicals were either not detected or were detected at concentrations less than the conservative ESVs, and as such, the HQs were less than the threshold value of 1. Chemicals with concentrations below ESVs were excluded from further consideration in the refined SLERA.
- Many chemicals were detected but lack ESVs that are needed to calculate HQs. These chemicals are evaluated in the Uncertainty Assessment (Section 4.7).
- Some chemicals that are not detected have sample quantitation limits (SQLs) that exceed ESVs. These chemicals are further discussed in the Uncertainty Assessment (Section 4.7).[3]
- Some chemicals were detected at concentrations consistent with or below background. These chemicals are excluded from further consideration as described in Section 3.

The initial screening with maximum detected concentrations did identify a broad suite of chemicals with HQs exceeding 1 and with detected concentrations greater than background. These chemicals were retained for further consideration in the refined screening Step 3a presented in Section 4 of this report, since potential ecological risks from the initial screening (with maximum detected concentrations) could not be ruled out.

Step 3a Refined Screening Approach

Chemical of potential ecological concern (COPECs) identified following the initial screening were evaluated further in the refined screening using more realistic assumptions and values, as presented in Section 4 of this report. The following refinements were considered:

[3] Constituents not detected are not retained for quantitative evaluation in the refined screening Step 3a of this report (Section 4). However, these constituents are discussed as part of the uncertainty assessment in this report, consistent with the OU-1 Refined SLERA Work Plan (Ramboll Environ 2015).

- Refined screening using 95 percent upper confidence level of the mean (95% UCL) EPCs – Exposure in the refined evaluation considered the 95% UCL and average (AVG) concentrations as conservative yet more realistic measurements of how the receptors are exposed to COPECs.
- Refined ESVs to evaluate plant and soil invertebrate community via direct contact exposures – A range of ESVs were used that are specific to plants and soil invertebrates, not just the lowest among all ESVs, thereby refining the risk estimates to focus specifically on plants and invertebrates. ESVs for no effects and some refined screening values (RSVs) that reflect potential low effects were used.
- Identification and evaluation of bioaccumulative constituents – Food web modeling was used for higher trophic level species (birds and mammals) potentially susceptible to compounds that bioaccumulate through the food chain. The food web model includes maximum and central tendency (95% UCL and AVG) exposure concentrations for four bird species and five mammal species that may live and forage in the OU-1 Refined SLERA Area. The food web model was performed using no observable adverse effect level (NOAEL) and lowest observable adverse effect level (LOAEL) toxicity reference values (TRVs) for birds and mammals. The results of the evaluation for birds and mammals were used to estimate risks to reptiles. There is no habitat for amphibians within the OU-1 Refined SLERA Area; therefore, amphibians are not included in the OU-1 Refined SLERA.
- The food web model considers the amount of time a receptor would realistically be within the OU-1 Refined SLERA Area. This incorporates receptor-specific information about how their home ranges may overlap with OU-1 and whether they migrate out of the area for part of the year. Both conservative area use (100% of their time only within OU-1) and species-specific area use based on wildlife home ranges were used in the food web model.
- The species selected for the food web model represent herbivorous, omnivorous, insectivorous, and carnivorous feeding (i.e., trophic) guilds within the food web. The specific species evaluated in this OU-1 Refined SLERA include:

○ Cooper's Hawk	○ Great Basin Pocket Mouse
○ Western Burrowing Owl	○ Fringed Myotis
○ American Robin	○ Desert Shrew
○ Mourning Dove	○ Kit Fox
	○ Raccoon

In the screening refinement, 95% UCLs, a range of ESVs and RSVs for plants and invertebrates, and the bioaccumulation of chemicals through food web modeling for birds and mammals were generated for each of the five spatial units. This allowed the refined SLERA to consider how the receptors are actually exposed in a particular area and if habitat for those receptors actually exists in that area.

Results for the Assessment of the Plant and Soil Invertebrate Community

The findings from the plant and invertebrate-specific evaluation within the OU-1 Refined SLERA Area are summarized as follows:

- The majority of chemicals are not present at concentrations that pose an unacceptable risk to the plant and soil invertebrate community.
- Perchlorate and manganese may pose unacceptable risks to terrestrial plants and invertebrates based on RSVs and in consideration of 95% UCL LOAEL HQs.
- The potential risk to plants is most prevalent in Eco DU-1 and Eco DU-3 from exposure to perchlorate and in Eco DU-1 from exposure to manganese.
- The potential risk to invertebrates is most prevalent in Eco DU-1 and Eco DU-3 from exposure to perchlorate and in Eco DU-1 from exposure to manganese.

Results for the Assessment of the Bird and Mammal Populations

The food web model results were reported in a stepwise fashion from the most conservative to the most realistic input values and assumptions. The most realistic scenario reports HQs using the 95% UCL soil concentrations compared to LOAEL TRVs and species-specific habitat ranges, referred to as area use factors (AUFs). It is the results from the most realistic evaluation that should be used to make remedial decisions within the OU-1 Refined SLERA Area because these are the results that most accurately identify potential areas of risk, both spatially and by receptor. The risk evaluation for birds and mammals showed that:

- Most chemicals are not present at concentrations that pose an unacceptable risk to bird and mammal populations.

The birds and mammals at greatest risk are the insect eating birds and mammals, reflected by food web modeling for the desert shrew and American robin. Using the 95% UCL LOAEL HQs and species-specific AUFs, potential risk to the desert shrew and American robin from exposure to perchlorate and dioxins/furans is most prevalent in Eco DU-1 and Eco DU-3 (HQs ranging from 2 to 7).

OU-1 Refined SLERA Conclusions

Overall, the OU-1 Refined SLERA showed that most chemicals are not present at concentrations that would pose unacceptable risks to plants, soil invertebrates, birds, and mammals particularly in Eco DU-2 and Parcel E. Because of the paucity to toxicity data for reptiles, potential risks to this organism group are uncertain but if results from birds and mammals are extended to reptiles than this organism group would also not likely be exposed to unacceptable risks. The uncertainties involved with extrapolating bird and mammal risk results to reptiles is further evaluated in the uncertainty assessment (Section 4.7).

For those chemicals with HQs less than the threshold value of 1, the available data are adequate to conclude that constituents present from industrial activities do not pose an unacceptable risk to ecological receptors in the OU-1 Refined SLERA Area, and, therefore, there is no need for further action based on ecological risk.

This Refined SLERA demonstrated that Tier 1 HQs were less than 1 for many of the constituents detected, even when maximum concentrations were considered in comparison to the lowest ESVs for any ecological receptor (plants, soil invertebrates, birds, or

mammals). The constituents with HQs that exceeded a value of 1 in the initial Tier 1 screening (maximum concentrations and lowest ESVs) were retained for the refined SLERA analyses (i.e., the Tier 2 screening – Step 3a of USEPA ERA eight-step process), which included refined TRVs for plants, soil invertebrates, birds, and mammals The Tier 1 and Tier 2 evaluations provided adequate information to conclude that with limited exceptions discussed further below, ecological risks were negligible for PAHs, SVOCs, VOCs, PCBs, radionuclides, most of the pesticides, and most of the metals. Based on NDEP guidance (NDEP 2006), no additional evaluation is needed for constituents, ecological receptors, and ecological pathways with negligible ecological risks.

The constituents with Tier 2 HQs exceeding a value of 1 that are bioaccumulative include perchlorate, dioxin/furan TEQ, certain metals, certain pesticides, and PCBs. Using NDEP and USEPA guidance (USEPA 1997; NDEP 2006), each of these constituents were evaluated and discussed in terms of the bioaccumulation approach used (i.e., the food web model) and the uncertainties associated with background data, frequency of detection, derivation of the TRVs and screening values, and the interpretation of results within the context of the conceptual site model (CSM) of potential future exposures based on land use and the potential for organisms to encounter multiple chemicals in the environment of the OU-1 Refined SLERA Area. Based on these findings, the refined SLERA supports the conclusion that some potential ecological risks cannot be definitively ruled out, but no additional ERA is deemed necessary because:

- The Operations Area within the OU-1 Refined SLERA Area is a chemical manufacturing facility that will remain industrial in the future. Currently, ecological exposures are limited given the limited habitat present on Site.
- The food web model 95% UCL LOAEL HQs exceeded a value of 1 for the insect eating wildlife but did not exceed a value of 1 for herbivorous, omnivorous, and carnivorous birds and mammals (i.e., no unacceptable risks for the Cooper's hawk, kit fox, fringed bat, raccoon, mourning dove, and pocket mouse). Many of the 95% UCL NOAEL HQs for these wildlife receptors were also less than 1.
- With the food web model:
    - All of the 95% UCL LOAEL HQs from the food web model are below a value of 7.
    - The 95% UCL LOAEL HQs using species specific AUFs for the American robin and desert shrew ranged from 2 to 4 in the Operations Area, 1 to 5 in Eco DU-1, and2 to 7 in Eco DU-3.
    - Eco DU-2 and Parcel E did not have any 95% UCL LOAEL HQs greater than 1.
    - The 95% UCL LOAEL HQs are the most appropriate to use for the OU-1 Refined SLERA Area given that OU-1 offers little ecological habitat, and the area is used for industrial purposes (i.e., the ground is compacted, and little plant cover is present, so few ecological exposures will occur).
    - The food web model is considered likely to overestimate exposure and risk for the insect eating wildlife owl, robin, and shrew. This is because the literature values used to estimate uptake via the food web are considered likely biased high.

- A detailed uncertainty assessment is provided, including discussion of constituents lacking ESVs, chemicals not detected that have SQLs greater than ESVs, the use of TRVs, and uncertainties in the background evaluation.

Therefore, and in accordance with NDEP and USEPA guidance, the available SLERA results and data are adequate to inform risk management decisions as part of the Feasibility Study for OU-1. Further ecological risk analysis is unlikely to provide additional and/or differing information that would otherwise alter this conclusion.

1. INTRODUCTION

This refined Screening-Level Ecological Risk Assessment (Refined SLERA) Report, Revision 2, was prepared by Ramboll Americas Engineering Solutions, Inc. (Ramboll) on behalf of the Nevada Environmental Response Trust (NERT or the Trust) for Operable Unit 1 (OU-1) of the NERT Remedial Investigation (RI) Study Area. The Refined SLERA Report for OU-1, Revision 0 was submitted to the Nevada Division of Environmental Protection (NDEP) on August 6, 2021 (Ramboll 2021a), and NDEP comments were received on March 2, 2022 (NDEP 2022). NERT provided a response to comments on May 13, 2022 and NDEP provided clarifying comments on August 26, 2022. Revision 1 of the Refined SLERA Report for OU-1 was submitted to NDEP on April 20, 2023 (Ramboll 2023a), and NDEP comments on Revision 1 were received on June 8, 2023 (NDEP 2023a). This Revision 2 of the Refined SLERA Report for OU-1 was prepared to address the additional NDEP comments.

OU-1, also referred to as the NERT Site Study Area, is located within the BMI[4] Complex in unincorporated Clark County and is surrounded by the City of Henderson (COH), Nevada (Figures 1-1 and 1-2a). The Black Mountain Industrial (BMI) Complex is a heavy industrial area currently operated by multiple entities. The OU-1 Refined SLERA was conducted as part of the RI and was performed to evaluate whether chemicals in soil within OU-1 pose a potential risk to ecological receptors that may enter the NERT Site Study Area. Ecological Risk Assessments (ERAs) are being prepared for each of the three OUs in the NERT RI Study Area, which are shown on Figure 1-2a, as follows:

- OU-1 encompasses the NERT Site Study Area,[5] which comprises approximately 346 acres located within the current BMI Complex. OU-1 has been the location of industrial operations since 1942 when it was developed by the United States (US) Government as a magnesium plant to support World War II operations. OU-1 includes Parcels C, D, E, F, G, and H; however, only Parcel E is included in this refined SLERA consistent with the Refined SLERA Work Plan, Revision 2 (Work Plan) dated July 6, 2015 (Ramboll Environ 2015) and approved by the NDEP on August 15, 2015 (NDEP 2015).
- OU-2 comprises approximately 2,645 acres and includes the NERT Off-Site Study Area component of OU-2 located west of Pabco Road and the Eastside Sub-Area component of OU-2 located east of Pabco Road. Much of the Eastside Sub-Area was historically part of the BMI Common Areas, which are rapidly being redeveloped, primarily for residential use, as part of a master planned community. To the west of Pabco Road, the NERT Off-Site Study Area within OU-2 is used for residential,

[4] The acronym "BMI" has been applied to several entities over the years. From 1941 until 1951, it referred to Basic Magnesium Incorporated; in 1951, a syndicate of tenants formed under the name Basic Management, Inc., to provide utilities and other services at the complex; the group has also been known as Basic Metals, Inc., and at the present is called the BMI Complex.

[5] The original "NERT Site Study Area" area was established as part of the original NERT RI/FS Work Plan in 2012 where it was referred to as simply the "NERT Site." The NERT Site and OU-1 occupied the same area prior to May 8, 2020, when Sale Parcels C, D, and H were sold by the Trust. Subsequently, Parcels F and G were sold by the Trust on June 15, 2023. Within this report the terms "NERT Site" or "Site" refer to property owned by the Trust after June 15, 2023. The term "OU-1" refers to the area inclusive of the "NERT Site" as well as Sale Parcels C, D, F, G, and H.

commercial, and light industrial purposes, unaffiliated with operations at the NERT Site or the BMI Complex.

- OU-3 comprises approximately 2,200 acres and includes the Northeast Sub-Area, the Downgradient Study Area which encompasses a portion of the Las Vegas Wash, and the northern portion of the NERT Off-Site Study Area. The OU-3 area is primarily residential property featuring a golf course east of Pabco Road, land that is currently being rapidly developed as part of a master planned community, and undeveloped Bureau of Reclamation land. In addition, the COH operates a water reclamation facility west of Pabco Road within OU-3, which includes the COH Bird Viewing Ponds.

As previously discussed and detailed in the RI Report for OU-1 and OU-2 (Ramboll 2023b), the NERT Site Study Area has been the location of industrial operations since 1942 when it was developed by the U.S. Government as a magnesium plant to support World War II operations. Following the war, the NERT Site Study Area continued to be the location of industrial activities, including production of perchlorates, boron, and manganese compounds. Former industrial and waste management activities conducted within the NERT Site Study Area, as well as those conducted at adjacent properties, resulted in contamination of environmental media, including soil, soil gas, groundwater, and surface water. A site vicinity land use map is provided in Figure 1-2b.

An ERA is defined as a process that evaluates the likelihood that adverse ecological effects may occur or are occurring as a result of exposure to one or more stressors. A risk does not exist unless (1) the stressor has the inherent ability to cause one or more adverse effects and (2) it co-occurs with or contacts an ecological component (i.e., organisms, populations, communities, or ecosystems) long enough and at sufficient intensity to elicit the identified adverse effect. A typical SLERA consists of Steps 1 and 2 of United States Environmental Protection Agency's (USEPA's) eight-step ERA process (USEPA 1997) and primarily consists of comparing maximum chemical concentrations at a site to the most protective ecological screening value (ESV) in a highly conservative evaluation of potential risk. Highly conservative risk values and assumptions are used consistent with USEPA guidance (USEPA 1997, 1998). A refined SLERA includes the addition of Step 3a, which allows for a more realistic evaluation of potential risk (USEPA 1997). This Refined SLERA has been conducted for the OU-1 Refined SLERA Area (further defined below) using the methodology detailed in the Work Plan.

Figure 1-2c depicts the current Site features within the entirety of OU-1; whereas Figure 1-2d depicts the subject area of this Refined SLERA. As presented in the Work Plan, this area is comprised of the Operations Area and Sale Parcel E and is referred to herein as the OU-1 Refined SLERA Area. From an ecological standpoint, the OU-1 Refined SLERA Area is devoid of quality habitat, is completely fenced in, and is generally barren of vegetation with bare soil as the primary feature. A reconnaissance inspection of the OU-1 Refined SLERA Area, conducted by a senior ecologist from Ramboll in December 2014 and confirmed in June 2020, evaluated the ecological resources of the OU-1 Refined SLERA Area in accordance with USEPA guidance (USEPA 1997). The results of the inspection were documented in the USEPA Completed Ecological Site Reconnaissance Checklist, provided in Appendix A. Photos that illustrate the lack of habitat are presented in Appendix B.

As indicated, the OU-1 Refined SLERA Area consists of the Operations Area and Parcel E within OU-1 as shown in Figure 1-2d. Sale Parcels C, D, F, G, and H have been sold by the

Trust and are therefore excluded from the OU-1 Refined SLERA Area. The Operations Area was divided into three ecological decision units (DUs), as shown in Figure 1-3. The DU sub-areas were evaluated individually so that no chemicals are eliminated from the risk assessment process prematurely. The five spatial DUs include (1) the Operations Area that consists of Eco DU-1, Eco DU-2, and Eco DU-3, (2) Eco DU-1, (3) Eco DU-2, (4) Eco DU-3, and (5) Parcel E. These five spatial units are summarized below:

- Operations Area: An approximately 259-acre area owned and used by the Trust for its remediation efforts and its tenant EMD Acquisition LLC (EMD) for the operation of its chemical manufacturing business. The Operations Area excludes Sale Parcels C, D, E, F, G, and H (identified by Tronox LLC [Tronox] as "Sale Parcels"). The Sale Parcels were identified as areas that were either generally undeveloped and/or were not likely to have been significantly impacted by current or former industrial activities. Each of the parcels have been evaluated as part of a Health-Risk Assessment process. There has been minor soil remediation via excavation and disposal performed in Parcel C in February 2017 (Ramboll Environ 2017). Sale Parcels C, D, and H have not been used by the Trust or its tenant since the inception of the Trust in 2011 and are no longer owned by the Trust as of May 8, 2020. Subsequently, Parcels F and G, which also have not been used by the Trust or its tenant since the inception of the Trust, were sold by the Trust on June 15, 2023. With the exception of Parcel E, described further below, each of the Sale Parcels have been granted No Further Action (NFA) determinations by NDEP. Therefore, Sale Parcels C, D, F, G, and H are not included in the OU-1 Refined SLERA or the OU-1 Refined SLERA Area.
- Ecological Decision Unit 1 (Eco DU-1; 132.7 acres): Includes the northern portion of the Operations Area. This DU is largely vacant with the exception of office trailers, field staging areas, the on-site components of the NERT Groundwater Extraction and Treatment System (GWETS), roadways and utilities, the GW-11, AP-6, Mn-1, and Mn-2 ponds[6], the Leasehold debris pile, the Northern Retention Basin and the associated drainage channel, scattered non-operational railroad tracks, monitoring wells, and concrete block walls.
- Eco DU-2 (51.1 acres): Includes the southern portion of the Operations Area that includes the Unit Buildings and EMD's leach plant. The Unit Buildings were constructed in 1942 by the US Government for the manufacturing of magnesium and later converted to support other manufacturing processes. The Excavation Control Area (ECAs) are areas where soil contamination is known to exist and were not cleaned up as part of a soil removal action completed in 2010 and 2011. The ECAs in Eco DU-2 are not included in the OU-1 Refined SLERA as described in detail in Section 2.1.
- Eco DU-3 (8.5 acres): Includes the central portion of the Operations Area, including the Central Retention Basin, which is located south of the former AP-5 Pond, and former Beta Ditch.

[6] The GW-11 and Mn-2 ponds are currently active. The AP-6 pond was emptied in 2001 and is inactive and the Mn-1 pond has been relined and is actively used by EMD. A closure strategy is being developed for GW-11. Lined ponds Mn-1 and Mn-2 are within the EMD leasehold (in OU-1).

- Parcel E (8.6 acres): Parcel E is a non-contiguous, 8.6-acre parcel located in the northwest corner of OU-1 and has not been used by the Trust but contains extraction wells associated with the groundwater extraction system operated by Olin, Stauffer, Syngenta, and Montrose (OSSM). This system was installed to capture groundwater contamination not associated with former operations at the Trust site.

The BMI Complex facilities surrounding OU-1 including major land ownership in the NERT RI Study Area are shown in Figure 1-4. The NERT Site Study Area and surrounding area has been the subject of numerous regulatory actions and environmental investigations since the early 1970s. A chronological summary of investigations and remedial activities conducted in OU-1 is presented within Section 2 of the RI Report for OU-1 and OU-2 (Ramboll 2023b). The RI Report for OU-1 and OU-2 also provides a detailed description of the operational history, physical setting, climate, geology, and hydrogeology within the NERT RI Study Area. Parcel E was identified for possible sale early in the environmental investigation process. A human health risk assessment (HRA) for Parcel E was first submitted to NDEP on November 18, 2022 (Ramboll 2022) and NDEP provided comments on February 8, 2023. A revised HRA for Parcel E and the Trust's annotated responses to NDEP's comments were submitted on November 17, 2023 (Ramboll 2023c). Upon NDEP approval of the HRA for Parcel E, the Trust will request an NFA determination from NDEP.

1.1 Refined SLERA Objectives and Approach

This OU-1 Refined SLERA was conducted consistent with the Work Plan. The refined SLERA follows the basic procedures outlined by the NDEP ERA guidance and USEPA risk assessment guidance, as listed below. The objectives of this OU-1 Refined SLERA were to determine which one of the following is applicable:

1. The available data are adequate to conclude that constituents present from historical manufacturing activities do not pose an unacceptable risk to ecological receptors in the OU-1 Refined SLERA Area, and, therefore, there is no need for additional ERA (i.e., adequate information to conclude that the ecological risks are negligible, and no additional investigation of ecological risk is recommended).
2. Estimated ecological risks are not negligible, but the information is insufficient to indicate that adverse ecological effects are occurring. This may require a baseline ecological risk assessment (BERA).
3. Constituents associated with historical manufacturing activities within OU-1 have the potential to pose unacceptable ecological risks to ecological resources within the OU-1 Refined SLERA Area (i.e., there are sufficient lines of evidence to document potential or actual adverse ecological effects; recommendations may involve further investigation and/or interim action).
4. There is not adequate information to make a risk management decision due to high levels of uncertainty or incomplete information, whereupon the ERA process should continue beyond this screening-level evaluation and a plan to collect additional data should be guided by the refined SLERA.

The OU-1 Refined SLERA was conducted consistent with the following key USEPA ERA guidance documents:

- NDEP guidance: SLERA Guidelines for the BMI Complex, Henderson, Nevada (NDEP 2006)

- Ecological Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments (USEPA 1997)
- Guidelines for Ecological Risk Assessment (USEPA 1998)
- SLERA Protocol for Hazardous Waste Combustion Facilities (USEPA 1999a)
- ECO-Update: Role of Screening-Level Risk Assessments and Refining Contaminants of Concern in BERA (USEPA 2001)
- Weight of Evidence in Ecological Risk Assessment (USEPA 2016a)
- Generic Ecological Assessment Endpoints for Ecological Risk Assessment (USEPA 2016b)

A tiered approach was used in this OU-1 Refined SLERA that includes "screening" and "refined" scenarios to evaluate the range of potential risks. The screening steps (Steps 1 – 2 of the USEPA's eight-step ERA process; USEPA 1997) are the first Tier consisting of a conservative analysis designed to examine potential risks in an overly protective fashion. A refined SLERA consists of Steps 1-3a of USEPA's eight-step ERA process. Step 3a allows for the refinement of the highly conservative assumptions used in Steps 1 and 2 using available, and often more realistic, toxicological information and parameters. While the screening is generally consistent with Steps 1 and 2 of USEPA's eight-step ERA process, NDEP's SLERA Guidelines for the BMI Complex (NDEP 2006) allows for several additional tools to reduce the dataset and focus on the chemicals within the OU-1 Refined SLERA Area that are truly contributing to risk. This information is described in detail in Section 2.1.5 and illustrated in Figures 1-5 and 1-6.

The USEPA process requires scientific management decision points (SMDPs) following certain steps, as shown on Figure 1-6. The SMDPs represent critical steps in the ERA process where NERT and its beneficiaries' input and decision making can occur. If potentially adverse effects are identified, the iterative risk assessment process continues with Steps 3b through 8 or a BERA.

The following types of decisions may be considered at a SMDP:

- Whether the available data are adequate to conclude that historical industrial activities do not pose an unacceptable risk to ecological receptors that may venture into the OU-1 Refined SLERA Area, and, therefore, there is no need for further action based on ecological risk.
- Whether the available information is not adequate to make a decision, whereupon the ERA process should continue (Steps 3b – 8).
- Whether the available information indicates a potential for an adverse ecological effect, and a more thorough assessment or remediation is warranted.

1.2 Refined SLERA: Steps 1 – 3a of the Eight Step USEPA Risk Assessment Process

The remainder of this OU-1 Refined SLERA describes in detail the specific elements of Steps 1 through 3a as they were implemented for the OU-1 Refined SLERA Area. The SMDP following Step 3a identifies whether there is a need to proceed to later steps of the ERA process (e.g., Steps 3b through Step 8) (Figure 1-5).

The screening scenario which involves Steps 1 – 2 of the ERA Process are provided in Sections 2 and 3 of this report and involves the following assumptions:

- The maximum concentrations in the abiotic media (e.g., soil) was used to quantify risk to ecological receptors. Therefore, the receptors of concern were assumed to be exposed to only the maximum concentrations within the OU-1 Refined SLERA Area, rather than the actual range of concentrations.
- Conservative ESVs were used. The receptors of concern were assumed to be as sensitive to the constituents as the most sensitive organisms.
- It was assumed that the ecological receptors spend their entire life within the boundaries of the OU-1 Refined SLERA Area where the maximum concentration was detected, even if that area contains no habitat for that particular receptor.
- The refined scenario which involves Step 3a of the USEPA's eight-step ERA Process is provided in Section 4 of this report and involves the following assumptions:
    - The concentrations in the refined scenario considered the 95 percent upper confidence limit of the mean (95% UCL) and the average (AVG) concentrations as conservative yet more realistic measurements of how the receptors are actually exposed to constituents of potential ecological concern (COPECs).
    - A range of screening values for abiotic media, as well as toxicity values are used. This considers a broader array of potential effects on the receptors.
    - A food web model is used that considers the amount of time that a receptor would realistically be within the OU-1 Refined SLERA Area. This incorporates receptor-specific information about how their home ranges may overlap with the OU-1 Refined SLERA Area and whether they migrate out of the area for part of the year.

Based on the OU-1 reconnaissance efforts by a certified biologist in December 2014, there is little or no habitat in the OU-1 Refined SLERA Area that provides nesting or foraging opportunities for wildlife. OU-1 has been visited on four additional occasions by a certified biologist including as recently as June 2020. While there have been some physical changes (e.g., closure of the AP-5 Pond, installation of additional wells, and limited soil excavation activities) since 2014, the alterations have not added potential habitat for ecological receptors. Without habitat to attract wildlife there is unlikely to be a significant pathway from the source of chemicals to the wildlife receptors of interest. However, because wildlife has been observed infrequently within the OU-1 Refined SLERA Area, it is considered prudent to conduct both a screening and a screening refinement using the approach described herein.

1.3 Refined SLERA Report Organization

The remainder of this report is organized as follows:

- Section 2 – Step 1: Screening-Level Problem Formulation and Ecological Effects Characterization
- Section 3 – Step 2: Screening-Level Exposure Assessment and Risk Calculation
- Section 4 – Step 3a: Refined Screening and Uncertainty Assessment
- Section 5 – OU-1 Refined SLERA Conclusions
- Section 6 – References

2. STEP 1: SCREENING-LEVEL PROBLEM FORUMULATION AND ECOLOGICAL EFFECTS CHARACTERIZATION

Step 1 of the refined SLERA involves the screening-level problem formulation (Section 2.1) and ecological effects evaluation (Section 2.2).

2.1 Screening-Level Problem Formulation

The purpose of the screening-level problem formulation is to describe the environmental setting at and adjacent to the OU-1 Refined SLERA Area and to provide a preliminary evaluation of ecological exposure pathways and assessment endpoints. The screening-level problem formulation provides the framework for the screening step and the methods for analyzing/characterizing risks (USEPA 1998).

The screening-level problem formulation produces two outputs: (1) assessment endpoints that reflect the management and ecosystem attributes the endpoints are meant to protect; and (2) an ecological conceptual site model (CSM) that is a written description and visual representation of predicted relationships between ecological entities and the stressors to which they may be exposed.

The problem formulation phase includes:

- A description and history of the OU-1 Refined SLERA Area
- A description of the environmental setting and the characterization of ecological habitats within the OU-1 Refined SLERA Area
- The identification of potentially exposed ecological receptors
- The identification of COPECs
- The identification of complete pathways by which ecological receptors could be exposed to COPECs
- The identification of assessment and measurement endpoints
- The development of a CSM

2.1.1 OU-1/NERT Site Study Area History

OU-1, also referred to as the NERT Site Study Area[7], is comprised of approximately 346 acres located within Sections 12 and 13 of Township 22 S, Range 62 E within the BMI Complex in unincorporated Clark County and is surrounded by the COH, Nevada. OU-1 and surroundings, including the current BMI Complex, are shown in Figures 1-2b and 1-4.

The historical information summarized in this section was obtained from the NERT RI Report for OU-1 and OU-2, which was submitted to NDEP in August 2023 (Ramboll 2023b). The BMI Complex, which includes the NERT Site Study Area, was initially developed by the U.S. Government as a magnesium production facility during World War II.

[7] The original "NERT Site Study Area" area was established as part of the initial NERT RI/FS Work Plan in 2012 where it was referred to as simply the "NERT Site." The NERT Site Study Area is identical to the OU-1 area, includes Sale Parcels C, D, F, G, and H, no longer owned by the Trust, and refers to the property owned by the Trust after February 14, 2011, and prior to May 8, 2020.

The NERT Site Study Area, which is part of the current BMI Complex, has been used for the manufacture and production of a variety of chemicals throughout its history. The BMI Complex area was first developed as a magnesium metal manufacturing facility during World War II with ten identical Unit Buildings, six of which (Unit Buildings 1-6) are within the boundaries of the NERT Site. The first production operations (for magnesium metal) began on August 31, 1942. Approximately 82,500 tons of magnesium metal were produced by Basic Magnesium within the entire BMI Complex (Unit Buildings 1-10) between 1942 and 1944. Process wastewater generated by industrial operations within the NERT Site Study Area and surrounding BMI Complex during this time was initially accumulated in the Trade Effluent ponds (partially located within OU-1). In the early 1940s, the Trade Effluent ponds were replaced by a series of unlined ditches leading to infiltration/evaporation ponds, referred to as the Upper and Lower BMI ponds, and located north and east of the current BMI Complex (located within OU-2 and OU-3). The Beta Ditch, an unlined conveyance cutting across the northern portion of OU-1, acted as a migration pathway for process effluent between the NERT Site Study Area and Upper BMI ponds from the 1940s until the 1970s. Other conveyances within the BMI Complex are described in detail within the NERT RI Report for OU-1 and OU-2 (Ramboll 2023b).

After World War II, the Basic Magnesium facility was repurposed, leased, and eventually sold to several chemical manufacturers. The portion that includes OU-1 was operated as primarily a perchlorate and chlorate manufacturing facility beginning in 1945, with the later addition of manganese dioxide (1951), elemental boron (1973), and boron trichloride (1973) operations, in addition to several other chemical products. Chemical production operations within OU-1 were historically operated by several different companies. The Western Electronic Chemical Company (WECCO) leased property from the government starting in 1945 before purchasing the Site in 1952. WECCO merged with the American Potash and Chemical Company (AP&CC) in 1955. Kerr-McGee Chemical Corporation (Kerr-McGee) acquired the NERT Site Study Area in 1967 following a merger with AP&CC. More than 900,000 tons of chlorate products and over 340,000 tons of perchlorate products were produced during its operational history. Much of the chlorate and perchlorate manufacturing process was conducted within Unit Buildings 4 and 5, as well as an area to the west of the former AP-5 Pond (Figure 1-2c). Process liquids associated with chlorate and perchlorate production, which also contained hexavalent chromium, were collected in the basement areas of Unit Buildings 4 and 5, resulting in subsurface soil and groundwater contamination via cracks in the concrete basement floor. Contamination also occurred via discharge to lined and unlined process water ponds, unlined wastewater conveyance ditches, and infiltration/evaporation ponds.

During the 1970s, the USEPA, the State of Nevada, and Clark County investigated potential environmental impacts from operations conducted within the BMI Complex, including atmospheric emissions, groundwater and surface water discharges, and soil impacts (ENSR 2007). From 1971 to 1976, Kerr-McGee modified their manufacturing process and constructed lined surface impoundments to recycle and evaporate industrial wastewater. Use of the Beta Ditch for process wastewater migration ceased in 1976 when each of the companies operating within the BMI Complex was required to implement zero discharge industrial wastewater management practices.

In 1980, the USEPA requested specific information from the BMI Complex companies regarding their manufacturing processes and their waste management practices.

Investigations of hexavalent chromium-impacted groundwater began in late 1983. Identification and cleanup of hexavalent chromium contaminated groundwater was initiated by Kerr-McGee based on a September 9, 1986, NDEP Consent Order. Treatment of hexavalent chromium in groundwater began in mid-1987 and is on-going today. In 1994, the NDEP issued a LOU identifying 69 specific areas[8] or items of interest and indicated the level of environmental investigation they wanted Kerr-McGee to conduct (NDEP 1994). A detailed discussion of the specific areas or items of interest identified in the LOU and a list of the products made, years of production, and approximate waste volumes for WECCO, AP&CC, and Kerr-McGee are found in the 2005 CSM document prepared by ENSR (ENSR 2005). Ultimately, the remedial investigation/feasibility study (RI/FS) and final remedy implementation will resolve any issues associated with the LOUs.

In 1997, perchlorate, later shown to originate from the NERT Site Study Area and the former American Pacific Corporation/Pacific Engineering and Production Company of Nevada (AMPAC/PEPCON) property, was detected in the Las Vegas Wash and the Colorado River (NDEP 2011). The perchlorate plume in shallow groundwater is illustrated in Figure 2-1. In 1999 and 2002, temporary groundwater treatment and extraction systems for removal of perchlorate were constructed within what is now OU-1 and near the Las Vegas Wash, respectively, as part of a removal action required by NDEP. The temporary treatment systems were replaced by a biological fluidized bed reactor treatment system located within OU-1, which has operated since 2004.

Kerr-McGee discontinued production of sodium chlorate and ammonium perchlorate in 1997 and 1998, respectively. In 2005, Kerr McGee spun off the chemical business and changed the name to Tronox. In 2009, Tronox filed for Chapter 11 bankruptcy. The Trust took title to what is now called OU-1 on February 14, 2011, as a result of the settlement of Tronox's bankruptcy proceeding. Tronox maintained a lease for a portion of the Site between 2011 and 2018, where it continued its manufacturing operations. EMD acquired Tronox's operations in 2018 and continues to produce manganese dioxide, elemental boron, and boron trichloride within a leased portion of the NERT Site Study Area.

2.1.1.1 Parcel E

Parcel E is a 8.6-acre parcel located in the northwest corner of OU-1 (Figure 1-2d). Environmental investigations in Parcel E have generally been conducted separately from investigations in the Operations Area. The only field investigation for soils in Parcel E was completed in 2018 as part of the Phase 2 RI Modification No. 12 (Ramboll 2018). Soil gas samples were collected within Parcel E in 2008, 2013, and 2019. Shallow groundwater monitoring is ongoing.

2.1.2 Environmental Setting

This section describes the regional ecology, climate, geology, and local hydrogeology in and around OU-1.

2.1.2.1 Regional Ecology

The regional ecosystem distribution and the predominant ecosystem types in the vicinity of the NERT RI Study Area are illustrated on Figure 2-2. The ecosystem type in this region of

[8] Subsequent to the identification of the LOUs, an additional potential source area within OU-1, the former US Vanadium site, was identified during planning for the Phase B 2008 investigation. Although not formally designated as a LOU, the US Vanadium site is commonly referred to as LOU-70.

southern Nevada is Mojave Desert scrub (Clark County Department of Comprehensive Planning 2000). The Mojave Desert scrub ecosystem includes creosote-bur sage and Mojave mixed scrub vegetation communities; invasive, transitional grasslands, as well as large tracts of urban development; small areas of barren land; and agricultural development.

2.1.2.2 Local Ecology

The USEPA ecological checklist was completed during the OU-1 reconnaissance in December 2014 and is provided in Appendix A. The ecological conditions within the OU-1 Refined SLERA Area were confirmed as recently as June 2020. A photographic log of OU-1 and surroundings is provided in Appendix B. The checklist includes the following types of information:

- Site operations relevant to potential ecological risk (i.e., impacted soil, current and former process ponds, retention ponds, etc.)
- Land use / topography / impacted versus unimpacted areas
- Habitats, vegetation types, and biological communities
- The wildlife community (birds, mammals, and reptiles that may be present in the vicinity of the Site)
- The presence or absence of ecologically sensitive areas within OU-1

The NERT RI Study Area is located in a very arid region with few natural surface water bodies. Surface water within OU-1 is primarily present in the impoundments receiving (1) process wastewater within the EMD leasehold (known as WC-East, WC-West, Mn-1, and Mn-2 Ponds)[9] and (2) extracted groundwater prior to treatment (GW-11). The four lined ponds within the EMD leasehold (in OU-1) contain process-related sludge and/or water from ongoing EMD facility operations.[10] The Mn-1 pond was relined and returned to service in 2020 and the Mn-2 pond is largely full of process-related sludge with very little open water. The additional lined pond (GW-11) was constructed in 1998 to contain extracted contaminated groundwater and is currently used to hold untreated groundwater and well field diversions during GWETS maintenance and effluent quality diversions. GW-11 is also used as an equalization basin on occasion and a closure strategy for the pond is currently being developed. Each of these lined holding ponds are permitted through NDEP's Bureau of Water Pollution Control.

In addition to the impoundments, surface water in OU-1 is present as storm water runoff during storm events. During a 2011-2012 soil removal action, OU-1 was graded such that storm water would be retained on-site (ENVIRON 2012). Additionally, two retention basins (the Central Retention Basin and the Northern Retention Basin) with a connecting drainage channel were constructed to receive storm water (Figure 1-2c). Given the arid conditions in the region, the retention basins are typically dry except immediately after infrequent storm events. The shallow channel connecting the two retention basins conveys overflow from the Central Retention Basin into the Northern Retention Basin. Existing roads, utility berms,

[9] The WC-West and WC-East ponds have been referred to in prior reports as the WC-1 and WC-2 ponds, respectively. The Mn-1 pond has been inactive since the Mn-2 pond was constructed in 2013 but Mn-1 remains physically present (awaiting demolition).

[10] NERT has no oversight role with respect to EMD's facility operations, ponds, and associated permits.

and other features have inward grades designed to keep storm water from flowing outside of the NERT Site. Based on the surface areas and soil types, significant ponding is not expected to occur in these areas outside of major storm events. Surface runoff from on-site areas and a majority of water collected by the storm sewer network within the EMD-leased area is directed to the Central Retention Basin. Given the current topography along the western property boundary, there is the potential for a small volume of storm water to enter OU-1 from the west through surface flow, which is collected in topographic depressions on the Site and/or in the Central Retention Basin. Surface runoff from north of the former Beta Ditch is generally directed to the Northern Retention Basin.

Because the holding ponds are permitted as part of operations and do not discharge to groundwater that seeps to a surface water body, they are not included as potential exposure media in the refined SLERA as described in the Work Plan. Retention basins that capture storm water within the NERT Site are inundated only during large storm events and for very brief periods throughout the year. Aside from the five lined ponds and stormwater conveyance features described above, there are no other surface water features within OU-1 and therefore, surface soil is the only potential exposure media in the Operations Area and Parcel E, which constitute the OU-1 Refined SLERA Area.

2.1.2.3 Climate

The climate of the Las Vegas Valley is arid with mild winters and dry hot summers. Average annual precipitation as measured in Las Vegas between 1980 and 2020 was 4.2 inches (National Oceanographic and Atmospheric Administration [NOAA] 2021). Precipitation generally occurs during two periods: December through March and July through September. Winter storms typically produce low intensity rainfall over a large area. Summer storms generally produce high intensity rainfalls over a smaller area for a short duration. These violent summer thunderstorms account for most of the documented floods in the Las Vegas area. Winds frequently blow from the south or northwest at a mean velocity of approximately 9 miles per hour (mph); however, velocities in excess of 50 mph are not atypical when weather fronts move through the area. During these windy events, dust, sand, and soil at the ground surface can become airborne and may travel several miles. Temperatures can rise to 120°F in the summer, and the average relative humidity is approximately 20%. The mean annual evaporation from lake and reservoir surfaces ranges from 60 to 82 inches per year (Shevenell 1996).

2.1.2.4 Geology

The following subsections provide a summary of the regional geology, local geology, and local hydrogeology. A detailed description of the regional and local geology can be found in the RI Report for OU-1 and OU-2 (Ramboll 2023b).

Regional Geology

OU-1 is located within a topographic and structural basin trending northwest-southeast and extending approximately 55 miles from near Indian Springs on the north to Railroad Pass on the south. The valley in which OU-1 is located is bounded by the Las Vegas Range, Sheep Range, and Desert Range to the north; by Frenchman and Sunrise Mountains to the east; by the McCullough Range and River Mountains to the south and southeast; and the Spring Mountains to the west. The mountain ranges bounding the east, north, and west sides of the valley consist primarily of Paleozoic and Mesozoic sedimentary rocks (limestones, sandstones, siltstones, and fanglomerates), whereas the mountains on the south and

southeast consist primarily of Tertiary volcanic rocks (basalts, rhyolites, andesites, and related rocks) that overlie Precambrian metamorphic and granitic rocks (ENSR 2007; Ramboll 2023b).

Local Geology

The local geology and hydrogeology are defined by data collected from more than 2,000 borings and wells that have been installed in the area. The following descriptions are summarized from the RI Report for OU-1 and OU-2 (Ramboll 2023b).

Alluvium – The surface of OU-1 is primarily Quaternary alluvial deposits that slope north toward the Las Vegas Wash. The alluvium consists of a reddish-brown heterogeneous mixture of well-graded sand and gravel with lesser amounts of silt, clay, and caliche. Clasts within the alluvium are primarily composed of volcanic material. Boulders and cobbles are common. Due to the mode of deposition, no distinct beds or units are continuous over the area.

Transitional (or reworked) Muddy Creek Formation – Where present, the transitional Muddy Creek Formation (xMCf) is encountered at the base of the alluvium. The xMCf consists of reworked sediments derived from the Muddy Creek Formation, which is described below. Therefore, the xMCf appears similar to the Muddy Creek Formation, but it consists of reworked, less consolidated, and indurated sediments.

Muddy Creek Formation – The Muddy Creek Formation of Pleistocene age occurs in the Las Vegas Valley as valley-fill deposits that are coarse-grained near mountain fronts and become progressively finer-grained toward the center of the valley. Within OU-1, the Muddy Creek Formation does not crop out but instead subcrops beneath a veneer of Quaternary alluvium. Locally, the Muddy Creek Formation reaches thicknesses greater than 1,000 feet (ft) in Las Vegas Valley.

Locally, the Muddy Creek Formation represents deposition in an alluvial apron environment from the Spring Mountains to the west, grading into fluvial, paludal (swamp), playa, and lacustrine environments further out into the valley center. Subsurface investigation in the RI Study Area has been focused on characterization of the alluvium and the Muddy Creek Formation to depths of approximately 300-400 ft. Therefore, the Muddy Creek Formation has been informally termed the Upper Muddy Creek Formation (UMCf) in this area. Since OU-1 is located closer to the mountains, the upper portion of the UMCf fine-grained facies unit tends to have zones of sandy silt/silty fine sand as well as a greater number of thin, discontinuous layers of silty sand than in OU-2, which is farther from the mountains and more toward the interior of the depositional basin.

2.1.2.5 Local Hydrogeology

Within OU-1, first groundwater is generally encountered between 30 and 45 ft below ground surface (bgs) and tends to be deepest in the southern portion of the NERT Site. Within OU-2, north of Warm Springs Road, groundwater is generally encountered between 20 and 60 ft bgs, becoming as shallow as 6.4 ft bgs in the northwest portion of OU-2 just south of Sunset Road based on groundwater depth measurements collected on February 24, 2021. Within OU-3, groundwater is generally encountered between 5 and 35 ft bgs, becoming shallower to the north and occurring near the ground surface at the Las Vegas Wash. The groundwater flow direction within OU-1 is generally north to north-northwest, whereas within OU-2 and OU-3 the direction changes slightly towards the north-northeast.

Groundwater is not considered in this OU-1 Refined SLERA because wildlife is not exposed to groundwater due to its depth below the ground surface (greater than 40 ft bgs).

NDEP has defined three water bearing zones (WBZs) that are of interest in the BMI Complex, including the Shallow WBZ, Middle WBZ, and the Deep WBZ. The Shallow WBZ is defined by the first occurrence of groundwater in either the Quaternary alluvium, xMCf, or the UMCf where the xMCf is missing, is unconfined to partially confined, and is considered the "water table aquifer." The Middle WBZ extends from approximately 90 to 300 ft bgs. The Deep WBZ is defined as the contiguous WBZ that is generally encountered between 300 to 400 ft bgs (NDEP 2009a).

The Shallow WBZ comprises the saturated portions of the alluvium and the uppermost portion of the UMCf to a depth of approximately 90 ft bgs. The alluvium was once saturated below the northern portion of OU-1. However, recent groundwater elevations measured during annual groundwater monitoring events show that, except for a few small areas, the alluvium has become dewatered, and first groundwater now occurs within the UMCf (Ramboll 2021b).

Perchlorate and other contaminants found in groundwater in this area migrated from the NERT Site Study Area through subsurface transport in shallow groundwater to the Las Vegas Wash (Ramboll 2023b). The current perchlorate plume in shallow groundwater is illustrated in Figure 2-1.

2.1.3 Wildlife in the Vicinity of OU-1

Desert shrub habitats, like that in the vicinity of OU-1, support a variety of wildlife species. Presence of standing water in winter and growth of herbaceous plants in spring provide foraging areas and food for species in these seasons. Primary resident species are reptiles or rodents; however, other taxa are represented. Typical species include desert tortoise, a variety of lizards and snakes (including the desert iguana and common kingsnake), black-throated sparrow, various pocket mice and kangaroo rats, kit fox, coyote, bobcat, and a wide variety of birds, including quail, roadrunners, crows, doves, hummingbirds, and predatory birds. Burrowing animals include chipmunks, gophers, rabbits, squirrels, kangaroo rat, mice, burrowing owls, and various reptiles including the desert tortoise. Some desert burrowing animals tend to prefer silty, sandy, or gravelly soil for their burrows versus heavily compacted soils like that present in OU-1 (Patton 2005). A list of threatened and endangered species for Clark County, Nevada is provided in Table 2-1, along with the preferred habitats of listed species.

As indicated on Table 2-1, preferred habitat for the listed species, including the burrowing desert tortoise, is not present within OU-1. According to the Nevada Fish and Wildlife Office, there are no listed mammals in Clark County. The birds listed are riparian species that might be found near the Las Vegas Wash but would not be found in the vicinity of the OU-1 Refined SLERA Area. There have been sightings of the desert tortoise near the Las Vegas Wash but not in the vicinity of OU-1. A burrowing owl was observed by Ramboll staff on the east side of the Operations Area at the eastern end of the Beta Ditch outside of the fence in January 2015.

2.1.4 Ecological Exposure Media within OU-1

In a risk assessment, ecologically relevant media typically includes surface water, sediment (i.e., the upper six inches), and surface soil (i.e., the upper foot of the soil column) where

the vast majority of biological activity occurs (USEPA 2015). Subsurface soil and groundwater (at depth) are not relevant media for the purposes of an ERA due to the paucity of ecological receptors that have contact with these media, with the exception of burrowing animals and rooted plants which may have contact to subsurface soils greater than 1-foot bgs. While burrowing animals are very common in the southern Nevada desert ecosystems, the soils within OU-1 are heavily compacted, and foraging opportunities are very limited or non-existent. Therefore, the presence of burrowing animals within the OU-1 Refined SLERA Area is unlikely. Rooted plants are also scarce at OU-1 due to the heavily compacted soils and the historical removal of vegetation for operations. Nonetheless, the exposure of these receptors to subsurface soils was considered.

Groundwater becomes relevant in an ERA at the groundwater and surface water transition zone (i.e., the interface; USEPA 2008). As indicated in the Work Plan surface water and solids in holding ponds are not included as part of the refined SLERA because the surface water bodies on Site are operated under the purview of permits issued through NDEP. Therefore, surface soils are the only exposure media that are evaluated in the refined SLERA. Surface soil in and around the Leasehold debris pile located on the north-eastern side of OU-1 is also included in the refined SLERA (the Leasehold debris pile is shown on Figure 1-2c). The Leasehold debris pile, that has been present since approximately 1999, and for which EMD is responsible, is made of construction waste and cement debris and may attract small mammals for sheltering opportunities.

The screening focuses on using the maximum concentration of each chemical in surficial soil with a starting depth in the Operations Area in the 0 to 1-foot interval and end depths extending to 2.5 bgs. In Parcel E, only near surface samples were available for use in the refined SLERA from a depth interval of 1 to 1.5 ft. Using concentrations from locations with end depths greater than the 1-foot interval allows for a characterization of risk to burrowing animals such as the burrowing owl. For chemicals that exceed the screening criteria, attention was given to the spatial distribution of the chemical at the Site.

2.1.5 Preliminary Chemicals of Potential Ecological Concern

Preliminary constituents of potential ecological concern (PCOPECs) are defined as any chemical that was used or manufactured on the Site. PCOPECs are separate from COPECs, which are the chemicals that are carried into the screening process and through the refined SLERA. The chemical classes that were analyzed in soil from previous investigations in OU-1 that are evaluated in the OU-1 Refined SLERA are shown in Table 2-2.

While the screening steps are generally consistent with Steps 1 and 2 of USEPA's eight-step process, NDEP's SLERA Guidelines for the BMI Complex (NDEP 2006) allows for several additional tools to reduce the dataset and focus on those substances that contribute the greatest to the overall risk (USEPA 1989). Following NDEP (2006) guidance, in addition to evaluating the maximum concentration against screening criterion and comparison to background concentrations, the following additional procedures were used in the screening step to eliminate constituents from further quantitative evaluation where appropriate:

- Constituents that are not detected. Elimination of chemicals that are not detected includes an evaluation of sample quantitation limits (SQLs) relative to ESVs. PCOPECs that were not detected but have sample SQLs that exceed ESVs are retained in the Tier 1 screening evaluation in Table 3-1a and Table 3-1b and are discussed in the uncertainty assessment (Section 4.7).

- Constituents with detection frequencies of 5% or less. Regardless of detection frequency, any chemical with an HQ greater than 1 using the concentration is retained for further evaluation (Table 3-1a and Table 3-1b). A spatial evaluation of these chemicals is then conducted to determine if the detected concentrations are indicative of localized release or potential areas of elevated chemical concentrations. This evaluation is provided in the uncertainty assessment (Section 4.7).
- Constituents for which OU-1 Refined SLERA Area soil concentrations are below background concentrations (applicable to metals and radionuclides).

This process is further explained in the following subsections. PCOPECs not carried forward in the evaluation and the justification for the elimination of a PCOPEC are provided in the screening tables as described in Section 3.

2.1.5.1 Data Used in the OU-1 Refined SLERA

The data for the OU-1 Refined SLERA was processed following the approach used for the OU-1 Soil Baseline Health Risk Assessment (BHRA) (Ramboll 2020), which was discussed and approved by NDEP. The data processing steps implemented for the OU-1 Refined SLERA are discussed in Appendix C as follows:

- C-1 – Summary of Soil Samples Removed from SLERA Dataset Due to Remediation or Inaccessibility to Wildlife
- C-2 – List of Chemicals for Which Names and/or CASRN Were Standardized for SLERA Process
- C-3 – Summary of Soil Data Excluded During Data Processing
- C-4 – Summary of Rejected Soil Data
- C-5 – Revisions of Censored Data for Blank Contamination
- C-6 – Data Usability Evaluation Summary

The final data set used for the OU-1 Refined SLERA is presented in Appendix D-1. The dataset used in the refined SLERA also includes Ramboll calculated parameters as described below and presented in Appendix D-2:

- Dioxin/furan mixtures were considered using the toxicity equivalent quotient (TEQ) approach for birds and mammals, using World Health Organization (WHO) equivalency factors and consistent with USEPA guidance (Van den Berg et al. 2006). The Total TEQ was calculated by multiplying the actual gram weight of each dioxin and dioxin-like compounds by its corresponding mammalian toxic equivalency factor (TEF) and then summing the results to reflect potential exposures for mammals in terms of TEQ. Similarly, the Total TEQ was calculated by multiplying the actual gram weight of each dioxin and dioxin-like compounds by its corresponding avian TEF and then summing the results to reflect potential exposures for birds in terms of TEQ. The avian and mammalian TEQs used in this OU-1 Refined SLERA are provided in Appendix D, Table D-3.
- Polychlorinated biphenyls (PCBs) were also considered as TEQs using the WHO TEFs as described for dioxins and furans and as total PCBs (Appendix D, Table D-3). Total TEQs summing dioxin/furan TEQs and PCB TEQs were also considered (Appendix D, Table D-3). Additionally, concentrations of Aroclors 1242, 1248, 1254, and 1260

were estimated using PCB congener data from 37 surface soil and eight Parcel E soil samples. Briefly, PCB homolog concentrations were calculated from congener data, followed by estimation of Aroclor concentrations using percent homolog compositions of various Aroclors, as presented in Fuchsman et al. (2006). Calculations of PCB homolog and Aroclor concentrations are presented in Appendix D, Tables D-4, and D-5, respectively. Aroclors estimated using the above methodology were screened separately from measured Aroclor data.

- Polycyclic aromatic hydrocarbon (PAH) mixtures were considered as high molecular weight PAHs, low molecular weight PAHs, and total PAHs. The sum of PAHs is provided in Appendix D, Table D-6. Individual PAHs were summed into the following groups: total PAHs; low molecular weight PAHs (i.e., 1-methylnaphthalene, 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, fluorene, naphthalene, and phenanthrene); and high-molecular weight PAHs (i.e., benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, and pyrene).
- Organochlorine pesticide isomers including 4,4'-dichlorodiphenyltrichloroethane (DDT) and the isomers of DDT, 2,2' and 2,4'-dichlorodiphenyldichloroethane (DDD), and 2,2' and 2,4'-dichlorodiphenyldichloroethylene (DDE) are summed to obtain a total sum of combined DDT and isomer exposures (DDx) value for the evaluation of potential risks related to the chemical mixture. Not all locations were analyzed for all isomers. As such, the DDx sums are comprised of three to five isomers depending on the location. The sum of DDx values and how they are calculated by location is provided in Appendix D, Table D-7. The 4,4'-DDD, 4,4'-DDE, and 4-4'-DDT isomers were analyzed for all samples collected for DDT and metabolite analysis. 2,4'-DDE and 2,4'-DDD were only analyzed at a subset of samples. 2,4'-DDT was not analyzed at any locations within OU-1. The variability in the DDx isomers analyzed is further discussed in the Uncertainty Assessment (Section 4.7).

Individual chemicals comprising these calculations were not screened individually, but rather as part of their respective chemical mixture. For this refined SLERA, approximately 300 chemicals from 288 locations within the Operations Area and approximately 224 chemicals from 7 locations within Parcel E were evaluated, as shown in Figures 2-3a and 2-3b.

Areas of the Site considered to be inaccessible or highly unlikely to attract wildlife were not considered in the refined SLERA, as there would be no complete exposure pathway from source to receptor at these locations. Many of the ECAs defined within the Operation Area represent such areas. Most of the ECAs are in the interior of the Site and contain no significant attractive features for wildlife (many have operational structures or paved areas) and therefore wildlife would not generally forage or nest there. ECAs in the southern portion of Eco DU-1 and ECAs in Eco DU-2 and Eco DU-3 fall into this category (see Figure 1-3 and Appendix B-3).[11] Those ECAs that are at or near the boundary of the Site adjacent to areas outside of OU-1 that contain vegetation in open spaces where wildlife may be present were considered in the refined SLERA. Therefore, surface soil data from ECAs within the northern portion of Eco DU-1 were retained for the OU-1 Refined SLERA (Figure

[11] The photos in Appendix B-3 focus on areas covered in dirt to illustrate the lack of habitat in these ECAs. There are many ECAs that are also covered in pavement or have structures that are not in the photolog as these are areas that are obviously devoid of wildlife.

2-3a and 2-3b). All surface soil data available for Parcel E was included in the OU-1 Refined SLERA (Figure 2-3a and 2-3b). The areas included or excluded from the OU-1 Refined SLERA are discussed in detail in this section. Because the northern portion of Eco DU-1 is adjacent to Parcels C, D, and E that contain scrub vegetation, ECAs in this area were considered in the OU-1 Refined SLERA, as appropriate.

The evaluation of the OU-1 Refined SLERA Area is conducted in five discrete spatial units as illustrated in Figure 1-3 and summarized below:

- Operations Area: Includes the entire OU-1 Operations Area as a single unit
- Eco DU-1: Includes the northern portion of the Operations Area
- Eco DU-2: Includes the southern portion of the Operations Area
- Eco DU-3: Includes the central portion of the Operations Area
- Parcel E: Is an 8.6-acre parcel in the northwest portion of OU-1

The Tier 2 evaluation (consistent with Step 3a of USEPA's eight-step ERA process) described in Section 3 uses the results from Tier 1 to evaluate each of the spatial units where the Operations Area is evaluated as a single unit, and the three Eco DUs are evaluated separately. The sub-areas were evaluated individually so that no chemicals are eliminated from the risk assessment process prematurely.

This refined SLERA evaluates potential risks associated with the following constituent groups (Table 2-2):

• Chlorine oxyanions • Dioxins/furans • Metals • Pesticides, organochlorine, and organophosphates (including DDT + metabolites [DDx]) • PCBs	• General Chemistry (i.e., nitrates, sulfates, ammonia, etc.) • PAHs • Organics • Radionuclide compounds • Semi-Volatile organic compounds (SVOCs) • Volatile organic compounds (VOCs) • Total petroleum hydrocarbons (TPH)

The chemical count in the initial screening includes the Ramboll calculated sums for PAHs (total PAHs, low molecular weight PAHs, and high molecular weight PAHs); PCBs (total and Aroclor calculated); DDx (DDT and metabolites); TEQs (dioxins/furans, PCBs, and sum of dioxin/furans and PCBs); and a sum total of dioxins/furans plus PCBs, using both substitution methods for non-detected concentrations (ND=0 and ND=0.5DL) and evaluating TEQs as both mammal and avian TEQs. This excludes the individual chemicals comprising the sums as well as chemicals considered not hazardous to ecological receptors (e.g., pH, chloride, total organic carbon).

In order to focus on those substances that potentially contribute the greatest to the overall risk, several procedures were used to eliminate constituents for quantitative evaluation in

the screening, consistent with the SLERA Guidelines for the BMI Complex, Henderson, Nevada (NDEP 2006):

- Comparison to Background: Identification of constituents with detected levels which are equivalent to or less than background concentrations (where applicable). The procedure for evaluating constituents relative to background conditions is presented in Section 2.1.5.2.
- Detection Frequency: In general, constituents exhibiting a low frequency of detection will not contribute significantly to the risk estimates. USEPA (1989) suggests that constituents with a frequency of detection less than or equal to 5%, except for metals, known human carcinogens, and persistent, bioaccumulative, and toxic (PBT) constituents as defined by the USEPA PBT program (USEPA 2007a), may be considered for elimination. Chemicals with a frequency of detection less than 5% were retained for additional evaluation unless hazard quotients (HQs) using concentrations were less than or equal to 1. Spatial plots for these chemicals were also evaluated to ensure that they do not represent localized elevated concentrations. This evaluation is provided in the uncertainty assessment (Section 4.7).

2.1.5.2 Evaluation of Site Concentrations Relative to Background Conditions

Some chemicals (particularly naturally occurring metals) may be present in environmental media but are unrelated to Site releases. These constituents are called background constituents and can fall into two broad categories:

- Chemicals that are naturally occurring: Metals often occur naturally in soil and geological formations and may be transported into surrounding soils and water by processes like weathering and dissolution of the underlying soil.
- Chemicals present due to anthropogenic sources (USEPA 2001): Background chemicals may come from a variety of anthropogenic sources such as road runoff, atmospheric deposition, washout by rainfall (or precipitation scavenging), and surface flow of chemicals from upstream sources unrelated to activities at the Site.

USEPA (1989, 1992a, b) and NDEP (2009b) guidance allows for the elimination of constituents from further quantitative evaluation if detected levels are not elevated above naturally occurring levels. Typically, COPECs are selected for a risk assessment if they are elevated above naturally occurring levels based on statistical analyses. Generally, this approach is applicable to metals and radionuclides (USEPA 1989).

The Basic Remediation Company (BRC) and Titanium Metals Corporation of America (BRC/TIMET) regional background data set (BRC/TIMET 2007) is summarized in Appendix E-1 of this refined SLERA report. Specifically, as recommended by Neptune (2017), the 95 McCullough samples collected as part of the BRC/TIMET background study were used in the background evaluation for the NERT Site. The statistical evaluation of the background data is provided in Appendix E-2.

NDEP guidance (2008a) recommends including field duplicates in a data set when the variance of the duplicates is similar to the variance of the primary samples. As noted in the guidance, field duplicate samples represent a discrete and unique measurement of soil chemical conditions proximal to the primary sample (unlike split samples). For the

background evaluation presented in this report, soil samples with primary and field duplicate results were treated as independent samples, consistent with Option 2 in NDEP guidance (NDEP 2008b).

The background evaluation was performed using normal and lognormal Q-Q plots, and side-by-side box-and-whisker plots (boxplots). These plots are included in Appendix E-2. Normal and lognormal Q-Q plots provide a visual assessment of how closely the data follow a normal or lognormal distribution. Data points that fall roughly on a straight line may be considered to follow a normal or lognormal distribution. Both background and OU-1 Refined SLERA Area soil data are included on these plots such that the Q-Q plots provide a direct visual comparison of the two distributions. The Shapiro-Wilk test was used to evaluate the consistency of each data set more formally with a normal or lognormal distribution.

Box plots provide a visual comparison between OU-1 Refined SLERA Area and background data. For each data set, the "box" in the box-and-whisker plot encompasses the central 50% of the results (i.e., the results from the 25th to 75th percentiles, or equivalently, between the first quartile [Q1] and the third quartile [Q3]). Substantial overlap between the boxes for background and OU-1 Refined SLERA Area data indicates that the OU-2 SLERA data may not be significantly different from background. The whiskers demarcate one "step" above the 75th percentile and one step below the 25th percentile. One "step" is defined as 1.5 times the interquartile range (IQR), the difference between the 75th and 25th percentiles. Data points above and below the whiskers are considered potential outliers from the distribution and are shown on the plots as open circles for non-detected values and as crosses for detected values.

The computer statistical software program R (R Core Team 2019) was used to perform all statistical tests.[12] Statistical background comparisons were performed using the t-test, Gehan test, Quantile test, and Slippage test. This suite of tests is sometimes referred to as "Gilbert's Toolbox." The t-test is a parametric test (i.e., an underlying condition is that the data or log-transformed data are normally distributed). In contrast, the Gehan test, Quantile test, and Slippage test are nonparametric, and thus do not require that the data are normally or lognormally distributed (USEPA 2002; NDEP 2009b). These tests are described below:

- The two-sample t-test tests for equality of the means of OU-1 Refined SLERA Area soil and background concentrations. An underlying assumption of the test is that concentrations are normally distributed for both data sets.
- The Gehan test is a modification of the Wilcoxon Rank Sum test that evaluates the difference between the sums of the ranks for two populations. This is a nonparametric method for assessing differences in the center of the distributions and is based solely on the relative order (or ranking) of the observations from the two samples. This test has less power than the two-sample t-test when the data are normally distributed, but the assumptions are not as restrictive. The Gehan test uses the Mantel approach for ranking the data, which is equivalent to using the Gehan ranking system. The Gehan ranking system is used to rank non-detects with the detected concentrations (NDEP 2009b).

[12] Neptune provided Ramboll with a copy of the R codes used for the statistical background evaluation on May 18, 2020.

- The Quantile test evaluates "tail effects" that are not specifically considered in the Wilcoxon Rank Sum test. The Quantile test looks for differences in the right tails (upper end of the distribution), rather than evaluating central tendency. The Quantile test was performed using a defined quantile of 0.80, consistent with the approach used in the Parcels Soil HRA (Northgate Environmental Management, Inc. [Northgate] 2014).
- The Slippage test looks for a shift to the right in the extreme right tail of the background data set as compared with the extreme right tail of the OU-1 Refined SLERA Area data set. This test evaluates whether the number of OU-1 Refined SLERA Area samples with concentrations greater than the maximum background concentration is greater than would be expected statistically if the soils within the OU-1 Refined SLERA Area and background distributions were the same.

Consistent with NDEP guidance (NDEP 2009b), non-detect results are set equal to the detection limit for the non-parametric tests, because substitution is not required for the non-parametric tests, which use the Gehan ranking scheme to rank non-detects. For the parametric tests (i.e., t-test), the Gehan ranking scheme cannot be used, and non-detect results are set equal to one half the detection limit.

The background dataset used for the OU-1 Refined SLERA is presented in Appendix E-1. Appendix E-2 details the background evaluation for metals and radionuclides as follows:

- Table E-2a presents summary statistics for each metal, including the total number of samples, number of detections, percent detections, minimum SQL, maximum SQL, minimum detected value, maximum detected value, median, mean, and standard deviation. Consistent with NDEP guidance (NDEP 2008a), the median, mean, and standard deviation are calculated based on detected concentrations only. The results of the Shapiro-Wilk test are also presented.
- Table E-2b includes the calculated probability (p-values) for the four statistical tests and the overall determination as to whether soil concentrations within the OU-1 Refined SLERA Area are greater than background levels (five results are shown in the table because the t-test was performed twice—once on the raw data set and once on the log-transformed data set).
- Table E-2c presents summary statistics for each radionuclide. This is the same information as provided in Table E-2a for metals but for radionuclides.
- Table E-2d provides the same information as presented for metals in Table E-2b but for radionuclides.
- Table E-2h presents summary statistics for each non-metal inorganic constituent. This is the same information as provided in Table E-2a for metals but for inorganics.
- Table E-2i provides the same information as presented for metals in Table E-2b but for non-metal inorganics.
- Figures E-2a and E-2b presents boxplots for metals and radionuclides in background soils and OU-1 Refined SLERA Area soils (upper 2.5 ft).
- Figures E-2c through E-2l presents normal and lognormal Q-Q plots for metals and radionuclides in background soils and OU-1 Refined SLERA Area soils (upper 2.5 ft).

- Figures E-2m through E-2r presents boxplots and normal and lognormal Q-Q plots for non-metal inorganics in background soils and OU-1 Refined SLERA Area soils (upper 2.5 ft).

A significance level of alpha = 0.025 was used to evaluate the statistical significance of the Gilbert's Toolbox results, consistent with NDEP guidance (NDEP 2009b).

2.1.5.3 Radionuclide-Specific Evaluation

The background (BRC/TIMET) data set includes results for the long-lived radionuclides in the U-238 decay series (U-238, U-234, Th-230, and Ra-226) and in the Th-232 series (Th-232, Ra-228, and Th-228). The BRC/TIMET background data set also includes data for U-235, but not for the U-235 decay chain. NDEP guidance (2009c) notes that most isotopes of the U-235 decay chain are barely discernible from the minimal detectable concentrations. The background evaluation and tests for secular equilibrium are presented in Appendix E-2, as follows:

- Tables E-2e and E-2f present the results of the equivalence testing for secular equilibrium of the uranium decay series (U-238 chain) and thorium decay series (Th-232 chain), respectively.
- Table E-2g presents the correlation matrices for the uranium decay series and the thorium decay series.

The significance level used for the background evaluation of metals (alpha = 0.025) was also used for the background evaluation of radionuclides.

2.1.6 Description of Potentially Exposed Receptors

The identification of the categories of receptors most likely affected by Site activities helps focus the refined SLERA. The site reconnaissance survey provided information on potential wildlife and habitats present in OU-1. The Clark County, Nevada Species Account Manual (2003) summarizes the appearance, occurrence, life histories and habitat preferences of a wide variety of species within Clark County, Nevada. Information from these documents and the site reconnaissance survey were used to identify potentially exposed receptors.

The rationale for selecting each group of terrestrial receptors is discussed below:

- Soil Invertebrates. The terrestrial invertebrate community lives in constant and direct contact with surface soil that may be impacted. Invertebrates have vital functions within the ecosystem, including serving as a prey base for higher trophic level organisms and cycling of nutrients.
- Plants. Plant roots are in constant and direct contact with soil that may be impacted by chemical constituents. Plant communities provide food for herbivores and essential habitat for many animal species.
- Terrestrial-feeding Wildlife. Birds, mammals, and reptiles are exposed to constituents in surface soil primarily through prey ingestion. As higher trophic level species, birds, mammals, and reptiles are susceptible to compounds that bioaccumulate through the food chain. Individual foraging strategies and choices of prey may also promote incidental soil ingestion.

Microorganisms in soil are not considered in the refined SLERA consistent with NDEP guidance (NDEP 2006). The United States Fish and Wildlife Service (USFWS) and NDEP are

the federal and state agencies, respectively, responsible for monitoring and managing at risk and protected species. Species with threatened or endangered listing status in Clark County are provided in Table 2-1. Of the species listed on Table 2-1, aquatic species, such as amphibians, fish, and aquatic-feeding birds, would not be present within the OU-1 Refined SLERA Area due to the absence of water resources. There is no record of special status species observations at or in the immediate vicinity of OU-1, and no special status species are expected within OU-1. Based on the site reconnaissance efforts, there is no critical habitat on or in the immediate vicinity surrounding OU-1.[13]

2.1.7 Identification of Potentially Complete Exposure Pathways

A complete exposure pathway is one in which chemicals can be traced or expected to travel from the source to a receptor (USEPA 1997). A complete exposure pathway has five parts:

- A source of chemical constituents.
- An environmental medium and transport mechanism (such as spills, leaks, and/or runoff).
- A point of exposure (impacted soils).
- A route of exposure (such as a receptor touching or eating contaminated soil).
- A population of receptors (such as a community of terrestrial invertebrates).

The exposure pathway is complete and potentially capable of causing unacceptable risks only when all five parts are present. A CSM is intended to provide a clear description of how ecological receptors may come into contact with Site-related constituents via release mechanisms and exposure to soil and/or associated food items. The ecological CSM for the Operations Area and Parcel E is provided in Figure 2-4. The CSM includes contaminant sources, release mechanisms, exposure media, exposure routes, and ecological receptors that were evaluated in this OU-1 Refined SLERA, based on the current understanding of environmental conditions in the Operations Area and Parcel E. This information was used as necessary to understand potentially complete ecological exposure pathways from soil for each receptor group in the Operations Area and Parcel E. As described in the OU-1 Soil BHRA (Ramboll 2020), NDEP issued LOUs for 70 source areas (or areas for further investigation) which included areas that are currently used for chemical production, areas that are no longer active, and/or areas where surface soil contamination has previously been addressed.[14] Historical releases from potential source areas have been documented or inferred from field investigations that have identified chemically impacted soils and other media.

Figure 2-5 reflects the potentially complete exposure pathways and wildlife receptors included in the desert food web model for the OU-1 Refined SLERA Area. Figure 2-5 shows representative receptors of a southern Nevada desert food web and captures the major feeding guilds within the desert of southern Nevada. These same representative species

[13] Critical habitat is a term defined and used in the Endangered Species Act. It is a specific geographic area that contains features essential to the conservation of an endangered or threatened species and that may require special management and protection (USFWS 2014).

[14] NDEP identified 69 areas in 1994; an additional area, the US Vanadium Site was identified later and is referred to as #70.

shown in Figure 2-5 are included in the OU-1 Refined SLERA food web model as discussed in Section 4 of this report.

- Direct contact of terrestrial invertebrates to COPECs in surface soil.
- Direct contact and root uptake of surface soil COPECs by terrestrial plants.[15]
- Exposure of terrestrial birds, mammals, and reptiles to COPECs through the incidental ingestion of soil and ingestion of terrestrial food items. Although other exposures, such as dermal (i.e., direct contact) or inhalation may occur, these routes are poorly characterized for most wildlife species. Ingestion is considered the primary route of exposure for wildlife.

2.1.8 Identification of Generic Assessment and Measurement Endpoints

Ecological risk endpoints define ecological attributes that are to be protected (assessment endpoints) and measurable characteristics of those attributes (measurement endpoints). Assessment endpoints most often relate to attributes of biological populations or communities and focus the risk assessment on particular components of the ecosystem that are potentially at risk (USEPA 1997, 2003). Assessment endpoints describe an entity (e.g., carnivorous mammals) and an attribute of that entity (e.g., survival rate). A measurement endpoint is a measurable ecological characteristic and/or response to a stressor and provides a method of quantifying potential effects on the receptors potentially at risk (USEPA 1998).

Because of the complexity of natural systems, it is generally not possible to directly assess the potential impacts to all ecological receptors present within an area. Therefore, receptor species (e.g., coyotes) or species groups (e.g., rabbits) are often selected as surrogates to evaluate potential risks to larger components of the ecological community, or guilds (e.g., carnivorous mammals), represented in the assessment endpoints (e.g., survival and reproduction of carnivorous mammals).

Appropriate assessment endpoints for this OU-1 Refined SLERA include those receptors that may be affected by COPECs at the Site, and for which complete exposure pathways exist. Ecological receptors are selected for their potential exposure, ecological significance, economic importance, societal relevance, and/or cultural significance.

The assessment endpoints used for the OU-1 Refined SLERA are as follows:

- Survival, growth, and function of terrestrial plant communities within the OU-1 Refined SLERA Area.
- Survival, growth, and function of terrestrial invertebrate communities within the OU-1 Refined SLERA Area.
- Survival, growth, and reproductive ability of bird populations within the OU-1 Refined SLERA Area.
- Survival, growth, and reproductive ability of mammal populations within the OU-1 Refined SLERA Area.

[15] The term plants in this OU-1 Refined SLERA includes all vascular, photosynthetic terrestrial plants consistent with NDEP (2006).

- Survival, growth, and reproductive ability of reptile populations within the OU-1 Refined SLERA Area.[16]

As described by Barnthouse et al. (2008), "regulations, policies, directives, and guidance documents frequently discuss the need for ERAs to consider risks to populations, not simply to individual organisms or organism-level attributes. The reason for this [need] is that, from a management perspective, the population-level attributes such as abundance, persistence, age and composition can be more relevant than are the health or persistence of individual organisms."

The assessment endpoints listed above consider attributes that are tied to population-level abundance and persistence (birds, mammals, and reptiles) or community level (plants and soil invertebrates), in that they consider survival, growth and reproduction. Decreased survival will result in smaller numbers of individuals, decreasing the population of that receptor. Growth measurements such as reduced body weights (BWs) can be associated with lower fitness and lower reproductive success, leading to a reduction in the receptor population. Similarly, decreased reproduction can result in smaller numbers of individuals over time, also decreasing the population of that receptor. The focus of this OU-1 Refined SLERA on populations and communities is consistent with USEPA's Generic Ecological Assessment Endpoints for ERA (2016b) and the USEPA Ecological Risk Assessment and Management Principles (1999b).

The analysis for special status species (including federally listed threatened and endangered species) is performed on an individual level, as even a single individual comprises a larger percentage of those populations at risk. There is no critical habitat in OU-1, and no record of special status species being observed at or in the immediate vicinity of OU-1 (Table 2-1).

Conservative ESVs available for a chemical are used during the screening process so that ecological receptors are protected. As such, the measure of potential effect (or measurement endpoint) is the comparison of soil concentrations against conservative ESVs among soil invertebrate, plant, bird, and mammal studies.

2.2 Screening-Level Ecological Effects Evaluation

The screening-level ecological effects evaluation involves the identification of protective constituent ESVs for comparison to detected soil constituents at the Site. Conservative soil ESVs that are highly protective were used in the effects evaluation and are provided in Table 2-3. ESVs are chemical concentrations in environmental media below which there is negligible risk to receptors exposed to those media (USEPA Region 4 2018). In the screening step, the maximum concentrations detected in surface soil in each of the five spatial units within the OU-1 Refined SLERA Area (summarized in Tables 2-4a through 2-4e) are compared to the conservative ESVs provided in Table 2-3.

The ecological receptors that reside in OU-1 are assumed to be as sensitive to the constituents as the most sensitive organisms used to develop the ESVs. ESVs are available from other scientific literature sources, one or more of which may be relevant to any given site. Further, ESVs may not be available from each source; therefore, consideration of a range of sources provides greater opportunity for identification of ESVs. The ESV hierarchy

[16] Due to the lack of toxicity data available for reptiles, the evaluation for reptiles is presented qualitatively in the OU-1 Refined SLERA Report.

used in the OU-1 Refined SLERA, consistent with the OU-1 Refined SLERA Work Plan (Ramboll Environ 2015), is from the following sources in order of priority as listed:

- USEPA Ecological Soil Screening Levels (Eco-SSLs) (2007b, c, d, and e): The Eco-SSLs are based on a variety of studies that consider effects at multiple levels of the food web.
- USEPA Region 4 (2018): Regional Ecological Risk Assessment Supplemental Guidance.
- USEPA Region 6 (1999a): Screening-Level Ecological Risk Assessment Protocol for Hazardous Waste Combustion Facilities (EPA530-D-99-001A)-Appendix E, Toxicity Reference Values (TRVs).
- Oak Ridge National Laboratory (ORNL) terrestrial plant and invertebrate (earthworm) screening values (Efroymson, et al. 1997a, 1997b, 1997c). Values for soil microorganisms and microbial processes (Efroymson et al. 1997b) were used in cases when earthworm-based values are not available.
- Los Alamos National Laboratory (LANL) EcoRisk Database (Version 4.2) (LANL 2020).

The primary criteria sources listed above (i.e., LANL, Eco-SSLs, USEPA Region 4, ORNL, and USEPA Region 6) may not have ESVs for every chemical that was detected in surface soil in the OU-1 Refined SLERA soil dataset. As such, secondary sources of criteria, such as the following, were also considered:

- The USEPA's ECOTOX database (USEPA 2009).
- ORNL's Risk Assessment Information System database (ORNL 2009).
- Agency for Toxic Substances and Disease Registry's (ATSDR's) toxicological profiles database (ATSDR 2009).
- NOAA Screening Quick Reference Tables (SQuiRT) (NOAA 2008).

Secondary sources are typically less rigorous and/or less applicable than primary sources. For example, the secondary values could be derived using fewer toxicity studies representing fewer species than are used to derive the primary values (Suter and Tsao 1996). Nevertheless, they do represent available data that are relevant for a refined SLERA and for obscure or rarely detected chemicals. Secondary sources present a readily available option for application in the refined SLERA.

The radionuclide contaminants being screened in the refined SLERA were evaluated based on a comparison of concentrations of radionuclides in soil compared to TRVs used as ESVs provided by LANL (2020) and a comparison to background concentrations in soil. The pathways of exposure include external exposure from soil and internal exposure from the uptake of radionuclides in food and water, and ingestion of soil. ESVs for radionuclides are derived from models that calculate the internal and external dose (LANL 2020). Background concentrations for radionuclides are also considered as a basis to exclude these constituents in this OU-1 Refined SLERA.

3. STEP 2: SCREENING-LEVEL EXPOSURE ASSESSMENT AND RISK CALCULATION

The screening-level exposure assessment (Step 2) is comprised of the calculation of exposure and risk estimates, and the evaluation of uncertainties in the exposure and risk estimates (USEPA 1997, 2001). The screening-level risk calculations are conducted by 1) estimating to what level a plant or animal is exposed to a particular contaminant, and 2) comparing maximum contaminant concentrations to ESVs. The process concludes with a Scientific-Management Decision Point (SMDP), at which it is determined if:

- ecological threats are almost, or entirely, absent and therefore no further work is needed;
- the ERA should continue to determine whether risk exists; or
- there is the possibility of adverse ecological effects and a more detailed ERA, with more information about the site, is needed.

3.1 Identification of Screening-Level Exposure Estimates

The maximum concentrations detected in surface soil in each of the five spatial units within the OU-1 Refined SLERA Area are shown in Tables 2-4a through 2-4e and include summary statistics, such as the number of samples analyzed, the percent of detections, and the maximum detected concentrations for each constituent.

3.2 Screening-Level Risk Calculations

Risk estimates were calculated in the refined SLERA by dividing conservative chemical-specific exposure estimates by conservative chemical-specific ESVs. These unitless chemical-specific ratios are referred to HQs. HQs are defined by USEPA as follows:

- An HQ less than or equal to a value of 1 indicates that adverse impacts to wildlife are considered unlikely (USEPA 1997, NDEP 2006). HQs are rounded to one significant figure (USEPA 2004).
- At the screening level where conservatively protective assumptions are used, an HQ exceeding a value of 1 indicates that further evaluation may be necessary to understand if that constituent is likely to pose an unacceptable risk to plants and wildlife.

The screening of detected constituents against ESVs using maximum concentrations and associated HQs are provided for the Operations Area and Parcel E in Tables 3-1a and 3-1b, respectively, and involves the following conservatively protective assumptions:

- The maximum constituent concentrations in soils were used to quantify risk to ecological receptors. Therefore, the receptors of concern were assumed to be exposed to only the maximum concentrations within the OU-1 Refined SLERA Area rather than the actual range of concentrations.
- Conservatively protective ESVs were used. The ecological receptors that reside within the OU-1 Refined SLERA Area are assumed to be as sensitive to the constituents as the most sensitive organisms used to develop the ESVs.
- It was assumed that ecological receptors spend their entire life within the boundaries of the OU-1 Refined SLERA Area where the maximum concentration was detected,

even if that area contains no habitat for ecological receptors and even if ecological receptors wander in and out of the OU-1 Refined SLERA Area boundaries.

Selecting the maximum concentration as the screening-level exposure value is conservative and protective. With the exception of plants and some less-mobile terrestrial invertebrates, it is very unlikely that most organisms would be exposed to the maximum concentration of a chemical for 100% of their life or even 100% of their day. Because wildlife moves throughout their home range, they are more likely to experience a wide range of concentrations throughout their life cycle and even during a single day. However, in keeping with the conservative nature of a refined SLERA, maximum detected chemical concentrations were used in the screening. In addition, consistent with NDEP guidance for a SLERA (NDEP 2006), the frequency of detection of a chemical and its background concentration, if available, were also considered in the screening.

The screening for the Operations Area (includes Eco DU-1, Eco DU-2, and Eco DU-3) and for Parcel E was conducted in two steps as follows:

Tier 1 Screening: The Tier 1 screening included an evaluation of all chemical constituents analyzed within the Operations Area and Parcel E. The results of the Tier 1 screening are provided in Table 3-1a. The results of the screening evaluation in Parcel E are provided in Table 3-1b.

Chemicals were eliminated from further screening in the Tier 1 evaluation if:

- The maximum constituent concentrations in soil were less than protective ESVs resulting in HQs less than or equal to 1.

  The chemical was not detected and the SQL at every sampling location was less than the chemical specific ESV.

- The soil constituent concentrations were similar to or lower than the BRC/TIMET Regional Background Dataset (2007) for each area evaluated.

The concentrations within the three Eco DUs and Parcel E are compared separately to the Regional Background dataset in order to determine whether chemical constituents can be eliminated based on a background evaluation that is specific to each Eco DU.

The screening results for each Eco DU are provided in the Table 3-2a through 3-2c as follows: Table 3-2a Eco DU-1, Table 3-2b for Eco DU-2, and Table 3-2c for Eco DU-3.

Chemicals were eliminated from further screening in the Tier 2 evaluation if:

- The maximum soil constituent concentrations were less than protective ESVs resulting in HQs less than or equal to 1.
- The soil constituent concentrations were similar to or lower than the BRC/TIMET Regional Background Dataset (2007) for each area evaluated.

Tables E-2b, E-2d, and E-2i in Appendix E include some *p*-values that are equal to 1. In a 1-sided test this implies a strong significant difference between background and site data. There are a few locations within the OU-1 Refined SLERA Area where concentrations for some metals are less than the McCollough background on which background comparisons are performed. Because these samples had concentrations below the regional background concentrations, they were eliminated from further evaluation. Possible explanations for the differences include minor geologic differences in the areas being sampled, surface

topography, natural spatial variability, sample intervals, analytical techniques, and minor surficial differences due to surface water and wind.

Even within a single geologic unit, it can be difficult to obtain a perfect representation of local background for every existing site data set or relevant subset of data across this study area due to the inherent variability of alluvial systems. Therefore, not every variance between site and background data must be due to anthropological influence or analytical issues. These explanations are discussed in greater detail in Section 4.7.4.

A screening using more realistic exposure assumptions, specifically exposure to the 95% UCL concentration rather than the maximum concentration, is conducted in Tier 2 during the refinement (Step 3a Refined Screening, Section 4), (e.g., 95% UCL).

3.3 Screening-Level Risk Results

This section summarizes the Tier 1 screening results. The results summarized here are also provided in Tables 3-1a through 3-2c. The results of the Tier 1 Screening evaluation are presented for each of the five spatial units including the Operations Area, the three Eco DUs, and Parcel E. Constituents are screened resulting in one of three determinations:

- Retained for screening,
- Excluded from screening, or
- Retained for the Uncertainty Assessment (Section 4.7).

Detected chemicals (or chemical mixtures) with HQs greater than 1 using soil concentrations (except for chemicals consistent with background concentrations) were retained for further screening (Section 4). Detected chemicals (or chemical mixtures) with no ESVs, non-detected chemicals where SQLs exceed ESVs, and non-detected chemicals with no ESVs are summarized in the Uncertainty Assessment (Section 4.7).

A summary of the screening results for each of the five OU-1 Refined SLERA subareas is provided in Exhibit 3-1 and discussed below.

Exhibit 3-1. Chemicals Evaluated in Tier I and Retained for Tier 2						
	Op Area	**Eco DU-1**	**Eco DU-2**	**Eco DU-3**	**Parcel E**	
# Chemicals Analyzed	300	98	91	91	224	
# Chemicals Detected	129	63	45	41	49	
# Chemicals Not Detected	171	35	46	50	175	
# Chemicals Retained for Tier 2 Screening	**98**	**95**	**51**	**43**	**32**	
Detected, No ESV	22	20	9	8	5	
Maximum HQ >1	43	42	16	10	5	
Not Detected, SQL > ESV	33	33	26	25	22	
Lowest HQ above 1	2	2	2	2	2	
Maximum HQ	40,000	40,000	500	10,000	80	
# Chemicals Excluded from Further Screening	**106**	**1**	**31**	**37**	**119**	
Detected, consistent with background	24	0	11	15	29	
Detected, HQ ≤ 1	40	1	9	8	15	
Not Detected, SQL ≤ ESV	42	0	11	14	75	
# Chemicals That Are Uncertainties (Not Detected, No ESV)	96		2	9	11	73

Notes:
ecological decision unit (Eco DU); ecological screening value (ESV); hazard quotient (HQ); sample quantitation limit (SQL); upper confidence limit of the mean (UCL)

3.3.1 Tier 1 Operations Area Screening Results

The Tier 1 evaluation allows for the elimination of chemicals that are not detected with SQLs below their respective ESVs, have HQs using soil concentrations that are less than or equal to 1, or that are consistent with background concentrations.

The Tier 1 Operations Area evaluation included 300 chemicals. 129 chemicals were detected, and 171 chemicals were not detected (as shown on Table 3-1a).

- 98 chemicals were retained for further evaluation (Section 4):
  - 22 chemicals were detected and have no ESVs.
  - 43 chemicals had soil concentration HQs greater than 1. The lowest HQ retained was 2 and the HQ was 40,000.
  - 33 chemicals were not detected, but their SQLs were greater than their ESVs.
- 106 chemicals were excluded from further screening:
  - 24 chemicals were detected and were consistent with background concentrations.

  - 40 chemicals had soil concentration HQs less than or equal to 1.
  - 42 chemicals were not detected, and the SQLs were less than their ESVs.
- 96 chemicals were not detected and have no ESVs and were retained in the Uncertainty Assessment (Section 4.7).

3.3.2 Eco DU-1 Screening Results

The Eco DU-1 (the northern subset of the Operations Area) evaluation included 98 chemicals. 63 chemicals were detected, and 35 chemicals were not detected (as shown on Table 3-2a).

- 95 chemicals were retained for further evaluation (Section 4):
  - 20 chemicals were detected and have no ESVs.
  - 42 chemicals had soil concentration HQs greater than 1. The lowest HQ retained was 2 and the HQ was 40,000.
  - 33 chemicals were not detected, but their SQLs were greater than their ESVs.
- 1 chemical (oil range organics) was excluded from further screening because its HQ is equal to 1.
- 2 chemicals were not detected and have no ESVs and were retained for the uncertainty assessment (Section 4.7)

3.3.3 Eco DU-2 Screening Results

The Eco DU-2 (the southern subset of the Operations Area) evaluation included 91 chemicals. 45 chemicals were detected, and 46 chemicals were not detected (as shown on Table 3-2b).

- 51 chemicals were retained for further screening (Section 4):
  - 9 chemicals were detected and have no ESVs.
  - 16 chemicals had soil concentration HQs greater than 1. The lowest HQ retained was 2 and the HQ was 500.
  - 26 chemicals were not detected, but their SQLs were greater than their ESVs.
- 31 chemicals were excluded from further screening:
  - 11 chemicals were detected and were consistent with background concentrations.
  - 9 chemicals had soil concentration HQs less than 1.
  - 11 chemicals were not detected, and the SQLs were less than their ESVs.
- 9 chemicals were not detected and have no ESVs and were retained for the Uncertainty Assessment (Section 4.7).

3.3.4 Eco DU-3 Screening Results

The Eco DU-3 (the central subset of the Operations Area) evaluation included 91 chemicals. 41 chemicals were detected, and 50 chemicals were not detected (as shown on Table 3-2c).

- 43 chemicals were retained for further screening (Section 4):
  - 8 chemicals were detected and have no ESVs.

  - 10 chemicals had soil concentration HQs greater than 1. The lowest HQ retained was 2 and the HQ was 10,000.
  - 25 chemicals were not detected, but their SQLs were greater than their ESVs.
- 37 chemicals were excluded from further screening:
  - 15 chemicals were detected and were consistent with background concentrations.
  - 8 chemicals had soil concentration HQs less than 1.
  - 14 chemicals were not detected, and the SQLs were less than their ESVs.
- 11 chemicals were not detected and have no ESVs and were retained for the Uncertainty Assessment (Section 4.7).

3.3.5 Parcel E Screening Results

The Parcel E (area to the northwest of the operations area) evaluation included 224 chemicals. 49 chemicals were detected, and 175 chemicals were not detected (as shown on Table 3-1b).

- 32 chemicals were retained for further screening (Section 4):
  - 5 chemicals were detected and have no ESVs.
  - 5 chemicals had soil concentration HQs greater than 1. The lowest HQ retained was 2 and the HQ was 80.
  - 22 chemicals were not detected, but their SQLs were greater than their ESVs.
- 119 chemicals were excluded from further screening:
  - 29 chemicals were detected and were consistent with background concentrations.
  - 15 chemicals had soil concentration HQs less than 1.
  - 75 chemicals were not detected, and the SQLs were less than their ESVs.
- 73 chemicals were not detected and have no ESVs and were retained for the Uncertainty Assessment (Section 4.7).

3.3.6 Spatial Plots for Constituents with Maximum Soil Concentrations that Exceed Conservative ESVs

There are 43 chemicals in the Operations Area and 5 chemicals in Parcel E with HQs greater than 1 using concentrations and conservative ESVs. Spatial plots are provided for these 43 chemicals[17] and a brief discussion of these chemical groups is provided below as they pertain to the ESVs.

- Figure 3-1: Perchlorate
- Figure 3-2 Series: Dioxins/Furans
- Figure 3-3 Series: Metals

[17] The 5 chemicals in Parcel E with HQs greater than 1 overlap with the 43 chemicals in the operations area. For completeness, Parcel E surface soil data is shown for the additional 38 chemicals not retained in this area, if available.

- Figure 3-4 Series: SVOCs
- Figure 3-5 Series: VOCs
- Figure 3-6 Series: Organochlorine Pesticides
- Figure 3-7 Series: Polychlorinated Biphenyls
- Figure 3-8 Series: Petroleum Hydrocarbons

3.3.6.1 Perchlorate

The RI Report for OU-1 and OU-2 states that elevated concentrations of perchlorate are widely distributed throughout OU-1. Spatial plots of perchlorate in surface soils are provided in Figures 3-1a and 3-1b relative to the lowest ESV for perchlorate. The perchlorate HQ using surface soil concentrations (screening HQ) was 40,000 and that HQ was based on the highest concentration detected at location SA72 (Table 3-1a provides the screening HQs, Figure 3-1b shows the concentration detected, Figure 1-2c shows Site features, and Figure 2-3b provides sample locations). The detected concentration of perchlorate in surface soils was located within an ECA near Former Ammonium Perchlorate Plant Pond 5 (AP-5) in Eco DU-1. As can be seen on Figure 3-1a and 3-1b, many of detected concentrations exceed ESVs by a factor of 100 or more. As indicated on Figure 3-1b, perchlorate concentrations consistently exceed the LANL minimum no observed adverse effect level (NOAEL) TRV of 0.12 mg/kg. Figure 3-1c shows the spatial distribution of perchlorate HQs across the OU-1 Refined SLERA Area. As illustrated, higher perchlorate concentrations in soil appear to be well distributed through Eco DU-1 with concentrations lower in Eco DU-2.

These exceedances of the perchlorate ESV indicates that perchlorate will be retained for further consideration in this refined SLERA.

3.3.6.2 Dioxin/Furans

Location-specific dioxin/furan concentrations from the OU-1 Refined SLERA Area by spatial unit are illustrated on Figures 3-2a and 3-2b for mammal and bird TEQ, respectively. Individual data are also illustrated on Figures 3-2c. As shown on Figure 3-2a, 3-2b, and 3-2c, dioxin/furan concentrations consistently exceeded USEPA's Region 4 ESVs, with screening HQs of 3,000 to 10,000 (Table 3-1a). Of the 242 samples (including duplicates) collected in the OU-1 Refined SLERA Area, 173 samples (71%) exceeded the USEPA Region 4 ESV of 0.000016 milligram per kilogram (mg/kg) for birds and 192 samples (79%) exceeded the USEPA Region 4 ESV of 0.0000035 mg/kg for mammals. The greatest number of exceedances occur in Eco DU-1. As illustrated, the northern section of Eco DU-1, particularly around the GW-11 Pond, appears to contain the highest concentrations of dioxins/furans. The dioxin/furan mammal and bird TEQs were much lower in Parcel E compared to DU-1, with Parcel E dioxin/furan HQs ranging from 20 to 40 for mammals and birds, respectively. For this reason, dioxins/furans are carried further in this OU-1 Refined SLERA.

3.3.6.3 Metals

The spatial plots provided in the Figure 3-3 series are provided for metals with HQ greater than 1 (Figure 3-3a to Figure 3-3n): antimony, arsenic, boron, cadmium, chromium, cobalt, copper, iron, lead, manganese, mercury, molybdenum, selenium, and vanadium. As can be seen on the Figure 3-3 series, many of the metals were detected at concentrations lower

than the lowest ESV, with only limited numbers of exceedances of ESVs. Those metals with concentrations exceeding ESVs are considered further in this OU-1 Refined SLERA. There are notable observations for iron and manganese, as follows:

- Iron: The iron ESV is a very low value based on exposures for microbes, resulting in HQs of 700 for the Operations Area and 80 for Parcel E.
- Manganese: As can be seen on Table 3-1a and Figures 3-3j-1 and 3-3j-2, manganese concentrations consistently exceed the Eco-SSL plant ESV of 220 mg/kg. Of the 222 samples collected in the OU-1 Refined SLERA Area (214 in the Operations Area and 8 in Parcel E including duplicates), 213 samples (96%) exceeded the Eco-SSL plant ESV. As illustrated, manganese in soils appear to be well distributed throughout the Operations Area at lower concentrations, with the highest concentration which yielded the screening HQ of 1,000 seen from a surface soil sample in the eastern side of DU-1, from sample location RIT 3-03 collected near the Leasehold debris pile (Figures 3-3j-1, 3-3j-2).

3.3.6.4 SVOCs

Five SVOCs had HQs exceeding 1 in the Operations Area (Table 3-1a and Figures 3-4a to 3-4e):

- 2-chlorophenol (HQ of 3), 3&4 methylphenol (HQ of 2), bis 2-ethylhexylphthalate (HQ of 40), di-n-butylphthalate (HQ of 200), and total PAHs (HQ of 2).
- These SVOCs with concentrations exceeding ESVs are considered further in this refined SLERA.

3.3.6.5 VOCs

- Acetone and chloroform were the only VOCs detected, with HQs of 2 and 3, respectively (Table 3-1a and Figure 3-5a and 3-5b).
- These VOCs with concentrations exceeding ESVs are considered further in this refined SLERA.

3.3.6.6 Pesticides

Spatial plots are provided for nine pesticides, as indicated on Table 3-1a, Table 3-1b, and Figures 3-6a to 3-6i. Each of these pesticides are considered further in this OU-1 Refined SLERA.

- Among the pesticides, beta-benzene hexachloride (BHC) had the highest HQ (3,000) (Figure 3-6b). The highest concentrations of beta-BHC were seen in Eco DU-1. The remaining HQs were lower and each of these pesticides were carried forward in the risk assessment process.
- Alpha-BHC (Figure 3-6a) and methoxychlor (Figure 3-6i) were detected in 2 of 126 samples, less than 2% of the samples. The spatial plot for methoxychlor also shows the detection limits that exceed the ESVs.

3.3.6.7 PCBs and Petroleum Hydrocarbons

- Figures 3-7a to 3-7e provide spatial plots for PCBs as Aroclors and as mammal and bird PCB TEQ.

- Figures 3-8a to 3-8d provide spatial plots for petroleum hydrocarbons, such as oil range organics, diesel, and long carbon chain organics.

3.4 SMDP for the OU-1 Refined SLERA

Consistent with USEPA (1997) guidance, the screening provided in Steps 1 and 2 demonstrate that many chemicals do not pose unacceptable risks and do not require further consideration. However, numerous constituents do require further assessment consideration in the refined screening provided in Section 4 of this report (i.e., Step 3a of the USEPA eight-step ERA process; Figure 1-6). The summary of constituents to be carried forward into Step 3a for the Operations Area and Parcel E, respectively, are provided on Tables 3-3a through 3-3e, respectively.

4. STEP 3A: REFINED SCREENING AND UNCERTAINTY ASSESSMENT

The screening refinement is designed to refine the list of COPECs identified following the initial screening in Section 3.2 and to identify the nature and extent of ecological risks more realistically in order to support informed environmental management decisions (USEPA 1997). This contrasts with the screening steps, which are designed to conservatively rule out further evaluation of chemicals and media that clearly do not pose significant ecological risk.

The refined SLERA methodology presented in this section is consistent with the following guidance:

- Ecological Risk Assessment Guidance for Superfund (USEPA 1997).
- Guidelines for Ecological Risk Assessment (USEPA 1998).
- ECO-Update: Role of Screening-Level Risk Assessments and Refining Contaminants of Concern in Baseline Ecological Risk Assessments (USEPA 2001).
- NDEP Screening-Level Ecological Risk Assessment Guidelines for the BMI Complex, Henderson, Nevada (NDEP 2006).

COPECs identified in the refined SLERA are evaluated further in the refined SLERA problem formulation using refined estimates of exposure and effects. The refinements provide a more realistic understanding of exposures and potential ecological risks to help inform further assessment or management decisions. Risks are recalculated using the refined assumptions in an iterative process that determines the constituents, media, and pathways that are of primary concern within the OU-1 Refined SLERA Area. The refinement of the COPECs identified in the refined SLERA is necessary to help focus the risk assessment on chemicals that may truly contribute to risk. The remainder of this section is organized as follows:

- Section 4.1 provides the refined EPC used in Step 3a.
- Section 4.2 summarizes the assessment endpoints considered in the refined SLERA.
- Section 4.3 identifies the measurement endpoints used to refine COPECs.
- Section 4.4 describes the refinement of COPECs for direct contact pathways.
- Section 4.5 describes the evaluation of food web pathways.
- Section 4.6 provides the results of the refinements (the risk characterization).
- Section 4.7 provides a characterization of uncertainties in the refined SLERA evaluation.

4.1 Refined Exposure Point Concentrations

The use of maximum concentrations in the screening-level evaluation are not necessarily indicative of true exposures (e.g., receptors are unlikely to be exposed to the highest levels of all COPECs at all times). Therefore, 95% UCL soil concentrations are also considered as a refinement of the exposure point concentration (EPCs) for the evaluation of potential risks to ecological receptors.

The 95% UCLs were calculated for compounds that exceeded conservative ESVs using R Code provided by Neptune, with non-detected results included as one-half the SQL. The higher UCL value generated between the bias-corrected accelerated bootstrap method (BCA UCL) and the Student's t-test method was selected. In instances where the selected UCL was higher than the maximum detected concentration for a chemical, then the maximum detected concentration was used as a surrogate in the screening process. Neptune provided Ramboll with a copy of the R codes used for the UCL calculation on May 18, 2020.

Results from the screening using the 95% UCLs are summarized in Table 4-1a for the Operations Area, 4-1b for Eco DU-1, 4-1c for Eco DU-2, 4-1d for Eco DU-3, and 4-1e for Parcel E. Appendix F provides a summary of the 95% UCLs for the constituents retained in the refined SLERA according to each of the five spatial units.

4.1.1 Chemicals Retained for Further Evaluation

The chemicals retained from Tier 1 screening were screened again using 95% UCL concentrations instead of concentrations. The results of the Tier 2 screening sorted the chemicals into three groups.

- Detected chemicals where the 95% UCL HQ was less than or equal to 1 were removed from the risk assessment process.
- Detected chemicals where the 95% UCL HQ was greater than 1 were subject to further analysis by either food web evaluation, evaluation of direct toxicity to plants and/or invertebrates, or analysis in the Uncertainty Assessment.
- Detected Chemicals with no ESVs and non-detected chemicals where the max SQL was greater than the ESV were subject to further analysis in the Uncertainty Assessment.

The chemicals retained for further analysis are as follows:

Exhibit 4-1. Number of Chemicals (or Groups of Chemicals) Retained for Further Evaluation

	Op Area	Eco DU-1	Eco DU-2	Eco DU-3	Parcel E
# Chemicals Retained from Tier 1 Screening	**98**	**95**	**51**	**43**	**32**
# Chemicals Removed from screening because 95% UCL HQ≤1	18	17	2	0	0
# Chemicals Retained for Further Analysis	**80**	**78**	**49**	**43**	**32**
Reasons for Retention					
Food web, direct contact, or frequency analysis because 95% UCL HQ > 1	25	25	14	10	5
Uncertainty Assessment Max SQL HQ > 1	33	33	26	25	22
Uncertainty Assessment (Detected, No ESV)	22	20	9	8	5
Highest 95% UCL HQ (among detected chemicals)	1,000	1,000	100	5,000	40

Notes:
ecological decision unit (Eco DU); ecological screening value (ESV); hazard quotient (HQ); sample quantitation limit (SQL); upper confidence limit of the mean (UCL).

- **Operations Area:** Table 4-2a shows 98 chemicals were retained from the initial screening. Of those, 18 were removed from further screening because their 95% UCL HQs were less than or equal to 1. 80 chemicals were retained for further evaluation

in the food web model, direct contact toxicity analysis, or analysis of frequency of detection in the Uncertainty Assessment. Of those, 25 chemicals were retained because their 95% UCL HQ was greater than 1, and the highest 95% UCL HQ for detected chemicals in the Operations Area was 1,000. 33 chemicals were not detected and had SQLs higher than their ESVs and 22 chemicals were detected but had no ESVs.

- **Eco DU-1:** Table 4-2b shows 95 chemicals were retained from the initial screening. Of those, 17 were removed from further screening because their 95% UCL HQs were less than or equal to 1. 78 chemicals were retained for further evaluation in the food web model, direct contact toxicity analysis, or analysis of frequency of detection in the Uncertainty Assessment. Of those, 25 chemicals were retained because their 95% UCL HQ was greater than 1, and the highest 95% UCL HQ for detected chemicals in the Operations Area was 1,000. 33 chemicals were not detected and had SQLs higher than their ESVs and 20 chemicals were detected but had no ESVs.
- **Eco DU-2:** Table 4-2c shows 51 chemicals were retained from the initial screening. Of those, two were removed from further screening because their 95% UCL HQs were less than or equal to 1. 49 chemicals were retained for further evaluation in the food web model, direct contact toxicity analysis, or analysis of frequency of detection in the Uncertainty Assessment. Of those, 14 chemicals were retained because their 95% UCL HQ was greater than 1, and the highest 95% UCL HQ for detected chemicals in the Operations Area was 100. 26 chemicals were not detected and had SQLs higher than their ESVs and 9 chemicals were detected but had no ESVs.
- **Eco DU-3:** Table 4-2d shows 43 chemicals were retained from the initial screening. Of those, none were removed from further screening because their 95% UCL HQs were less than or equal to 1. 43 chemicals were retained for further evaluation in the food web model, direct contact toxicity analysis, or analysis of frequency of detection in the Uncertainty Assessment. Of those, 10 chemicals were retained because their 95% UCL HQ was greater than 1, and the highest 95% UCL HQ for detected chemicals in the Operations Area was 5,000. 25 chemicals were not detected and had SQLs higher than their ESVs and 8 chemicals were detected but had no ESVs.
- **Parcel E:** Table 4-2e shows 32 chemicals were retained from the initial screening. Of those, none were removed from further screening because their 95% UCL HQs were less than or equal to 1. 32 chemicals were retained for further evaluation in the food web model, direct contact toxicity analysis, or analysis of frequency of detection in the Uncertainty Assessment. Of those, 5 chemicals were retained because their 95% UCL HQ was greater than 1, and the highest 95% UCL HQ for detected chemicals in the Operations Area was 40. 22 chemicals were not detected and had SQLs higher than their ESVs and 5 chemicals were detected but had no ESVs.

Constituents with 95% UCL HQs greater than 1 are carried forward into a risk characterization for plants, soil invertebrates, and wildlife where the assumptions responsible for these HQs were re-evaluated. Chemicals that, at this point in the process, lack a reliable and appropriate ESV are also carried forward into Step 3a. Chemicals carried

forward for evaluation of direct contact pathways for plants and soil invertebrates and/or the food web model for birds and mammals for the Operations Area, Eco DU-1, Eco DU-2, Eco DU-3, and Parcel E are provided in Tables 4-2a, 4-2b, 4-2c, 4-2d, and 4-2e, respectively. Radionuclides were not retained for further analysis and are excluded as COPECs from the OU-1 Refined SLERA because either the radionuclides in the OU-1 Refined SLERA Area soils were not detected, the concentrations of radionuclides in the OU-1 Refined SLERA Area soils were below background concentrations, or maximum HQs were below 1.

The constituents listed below do not have ESVs from the hierarchy of available USEPA ESV sources identified in this OU-1 Refined SLERA report. With the exception of octachlorostyrene, these chemicals are not considered bioaccumulative, so uptake via the wildlife food web is considered unlikely. These chemicals are summarized below in Exhibit 4-2 and are discussed further as an uncertainty in Section 4.7 of this report.

Exhibit 4-2. Constituents Lacking ESVs Considered Further in Uncertainty Assessment

• Ammonia	• Methyl tert-butyl ether
• Bromide	• Nitrate/Nitrite
• Bromodichloromethane	• Sulfate/Sulfur
• Chlorate	• Octachlorosytrene
• Chloromethane	• Ortho-phosphate
• Dimethoate	• Stirophos
• Ethyl tert-butyl ether	• tert-Butyl alcohol
• Formaldehyde	• 2-Chloronaphthalene
• Isophorone	• 4-Chloro-3-methylphenol
• Magnesium	

The chemicals and their respective EPCs retained for additional evaluation using a direct contact pathway for plants and soil invertebrates and a food web model for wildlife within each of the five spatial units are presented in Tables 4-3a through 4-3e. These constituents are discussed further in this section through consideration of potential exposures and risks to plants and soil invertebrates, via uptake to birds and mammals through the food web, or both.

4.2 Assessment Endpoints Considered for the Screening Refinement

The assessment endpoints identified in Section 2.1.8 are those considered in the refinement steps. However, whereas the screening uses the most conservative ESV regardless of ecological receptor group to eliminate or retain COPECs, this refinement allows for the evaluation of each receptor group shown below separately in order to focus risk management decision-making on those chemicals and receptors, if any, that may truly pose a risk. The assessment endpoints by receptor considered in the refinement are listed in Exhibit 4-3.

Exhibit 4-3. Assessment Endpoints	
Ecological Receptor	**Assessment Endpoint**
Terrestrial plant communities	Survival, growth, and function
Terrestrial invertebrate communities	
Terrestrial mammal populations	Survival, growth, and reproductive ability
Terrestrial bird populations	
Reptile populations	

4.3 Measurement Endpoints Used to Refine COPECs

The risk characterization of COPECs is based on the quantitative measurement endpoints described below.

Potential risks to plants and soil invertebrates exposed to the constituents in OU-1 Refined SLERA Area soils (which includes the Operations Area, the three Eco DUs, and Parcel E) were evaluated. For this evaluation of plants and soil invertebrates:

- The maximum and central tendency exposure concentrations of constituents detected in the OU-1 Refined SLERA Area are compared to ESVs that are specifically focused on plants and soil invertebrates. For these terrestrial communities, refined ecological benchmarks relevant for these receptor groups were used instead of the generic screening values used in the refined SLERA which may be based on receptors irrelevant to the OU-1 Refined SLERA Area. The ESVs and the refined screening values (RSVs) are provided in Table 4-4.
- HQs for plants and soil invertebrates are calculated using maximum and central tendency (95% UCL and AVG) soil concentrations.
- As necessary to illustrate exposure and potential impacts (if any), the full data distributions for some constituents are discussed as they relate to the plant and soil invertebrate ESVs.
- Potential risks to bird, mammal, and reptile populations exposed to the constituents in OU-1 Refined SLERA Area soils is evaluated as follows:
    - Food web modeling is performed for bioaccumulative constituents using maximum and central tendency exposure concentrations for the four bird species and five mammal species that may live and forage in the OU-1 Refined SLERA Area listed in Section 4.5.1. The species selected for the food web model represent herbivorous, omnivorous, insectivorous, and carnivorous feeding (trophic) guilds within the food web.
    - The food web model is performed using NOAEL and lowest adverse effects level (LOAEL) TRVs for birds and mammals.
    - As necessary to illustrate exposure and potential impacts (if any) for birds and mammals, the full data distributions for some constituents are discussed as they related to bird and mammal exposures.
    - The food web model evaluation also considers conservative, protective assumptions. For example, it was assumed that birds and mammals live and

forage only in the OU-1 Refined SLERA Area. In addition, more realistic assumptions are considered for some of the birds and mammals with larger home ranges.

- There are no specific ESVs for reptiles, but the evaluations for plants, soil invertebrates, birds, and mammals, inform an understanding of potential risks for reptiles.

4.4 Risk Characterization to Plants and Soil Invertebrates Via Direct Contact Pathways

The refinement of COPECs for direct contact pathways is discussed in terms of the following assessment endpoints:

- Terrestrial plant community survival, growth, and function
- Terrestrial invertebrate community survival, growth, and function

The constituents in soil with a 95% UCL detected concentration retained in Section 4.1.1 and listed in Tables 4-2a through 4-2e were evaluated for this direct contact pathway refinement specific to plants and invertebrates, to the extent that plant and terrestrial invertebrate ecological benchmarks were available for consideration of these receptor groups. The discussion below describes the refined effects and exposure assessment and the refined risk characterization for the terrestrial plant and invertebrate community.

Efforts were made to identify ESVs specific to plants and invertebrates. As noted above, there are not ESVs for plants and invertebrates for all constituents detected. For those chemicals without a plant- or invertebrate-specific ESV, the chemical was evaluated qualitatively in the uncertainty section.

For some chemicals like dioxins and furans, numerous studies have documented that invertebrates are not sensitive to dioxins and furans because they lack the aryl hydrocarbon receptor (AhR) upon which toxicity is exerted (West et al. 1997, Hahn et al. 1994, Borgmann et al. 1990). As such, these chemicals are not evaluated in the plant or invertebrate screening. Although the studies did not note a sensitivity to dioxins and furans for plants or invertebrates, West et al. (1997) did note the ability of invertebrates to accumulate relatively high concentrations of dioxins and furans in the absence of toxic effects which may be relevant to the transfer of these chemicals through the food web. Therefore, although the uptake of dioxins and furans through invertebrates is not considered in the invertebrate-specific screening, it is considered for the food web evaluation.

4.4.1 Refined Risk Calculations for Plants Via Direct Contact Pathways

The refined screening for direct contact pathways provides the evaluation for the terrestrial plant communities. The refined screening for each of these evaluations was performed for each of the five spatial units identified for the OU-1 Refined SLERA for the COPECs identified in Tables 4-2a through 4-2e as follows:

$$HQ = \frac{\text{Maximum or 95\% UCL Concentration}}{\text{Refined Ecological Effects Data}}$$

Similar to the screening evaluation, refined HQs less than or equal to the threshold value of 1 indicate that the chemical does not pose an unacceptable risk. HQs that exceed the threshold value of 1 indicate a potentially unacceptable risk, although closer consideration

may be warranted to understand whether this is the case (e.g., the magnitude of the HQ and the spatial distribution of elevated HQs), including the basis of the ecological benchmark and other considerations, such as qualitative observations in areas where samples were collected. Refined Risk Calculations for Plants Via Direct Contact Pathways

HQs for plants are provided on Table 4-5a through 4-5e for each of the five spatial units defined in the OU-1 Refined SLERA Area. The results for each of the five spatial units are provided separately below.

The following figures illustrate the risk results using RSVs specific to plants:

- Figure 4-1: Spatial Concentration Plot for Perchlorate in Surface Soil using the RSV for Plants
- Figure 4-2: Spatial Concentration Plot for Manganese in Surface Soil using the RSV for Plants
- Figure 4-3: Spatial Concentration Plot for beta-BHC in Surface Soil using the RSV for Plants
- Figure 4-4: Spatial Concentration Plot for Boron in Surface Soil using the RSV for Plants
- Figure 4-5: Spatial Concentration Plot for Extractable Fuel Hydrocarbons (EFH; C10-C40) in Surface Soil using the RSV for Plants

4.4.1.1 Operations Area

HQs are less than or equal to 1 for constituents with plant-specific ESVs using the maximum concentrations, except for perchlorate, boron, lead, manganese, mercury, beta-BHC, and extractable fuel hydrocarbons (EFH) (C10-C40) (Table 4-5a). HQs are less than or equal to 1 for constituents with plant specific ESVs using the 95% UCL concentrations, except for perchlorate (UCL NOAEL HQ=4), manganese (HQ=40), and EFH (C10-C40; HQ=2). Perchlorate and manganese are evaluated using location-specific HQs in Appendix G-1 as these are the two constituents with the highest plant HQs. Constituents with HQs that exceed 1 are discussed below. The table provided below identifies the chemicals that have HQs greater than 1, as provided in Table 4-5a.

A set of HQs using ESVs and RSVs are provided for perchlorate, boron, manganese beta-BHC, and EFH (Table 4-5a), as these were the chemicals with the higher plant HQs. Lead and mercury have HQs greater than 1 when using soil concentrations but HQs are less than 1 when using the 95% UCL soil concentrations.

For perchlorate, one ESV is the NOAEL taken from the LANL database, and the other is the LOAEL value taken from the LANL database and treated as an RSV. Using the RSV, perchlorate has a LOAEL UCL HQ of 2. An excerpt from Table 4-5a provided below shows the set of HQs for perchlorate using these two screening values, as well as the HQs for the other constituents where the maximum or UCL HQ exceeds 1. The results suggest that there may be a risk to plants within the Operations Area from exposure to perchlorate. Figure 4-1 provides a summary of the perchlorate concentrations by Eco DU and the associated screening value for plants. As can be seen, the perchlorate concentration pattern relative to ESVs is very different for plants (Figure 4-1) vs the lowest ESV (Figure 3-1a). Perchlorate is considered further with regard to other receptors, but these results indicate limited risks to plants from perchlorate.

For manganese, the ESV and RSV used in Table 4-5a were obtained from the USEPA Eco-SSLs. The RSV is based on a toxicity value of 707 mg/kg for less-sensitive plant species (i.e., cotton and Nile grass), as provided in the USEPA (2007e) Eco-SSL derivation for terrestrial plants. Using the RSV, manganese has a maximum HQ of 400. An excerpt from Table 4-5a provided below shows the set of HQs for manganese using these two screening values, where the UCL HQ suggests that that there may be a risk to plants within the Operations Area from exposure to manganese. Figure 4-2 provides a summary of the manganese concentrations by Eco DU and the associated screening value for plants. As can be seen in Figure 4-2, the majority of concentrations detected were less than or similar to the plant ESV, indicating that manganese risks to plants are not expected.

For beta-BHC, the ESV and RSV used in Table 4-5a are the plant-specific NOAEL and LOAEL, respectively, for gamma-BHC taken from the LANL database. Gamma-BHC is used as a surrogate chemical due to the lack of an ESV specific to beta-BHC. Using the RSV, beta-BHC has a maximum LOAEL HQ of 0.9. An excerpt from Table 4-5a provided below shows the set of HQs for beta-BHC using these two screening values. The UCL HQ using either the ESV or the RSV suggests that risk to plants from exposure to beta-BHC is *de minimis*. The spatial plot of beta-BHC vs plant ESVs is provided in Figure 4-3.

For boron, the ESV is the Region 4 plant specific ESV and is based on the LANL model for the "plant generic autotroph" receptor. LANL used the geomean of three survival and development studies to derive the No Observable Effect Concentration (NOEC) Lowest Observable Effect Concentration (LOEC) TRVs for boron (LANL 2017, "TRV Summary Report for Boron" for the plant generic autotroph receptor). In these studies, boron uptake was specifically via the seed coat and/or roots so the exposure routes were comparable to actual exposures at OU-1. LANL states that confidence in this value is "medium" because of the paucity of data, the limited numbers of organisms tested, and the wide variability in the data. This value was last updated in 2003 and does not account for any literature posted in the last 20 years. The spatial plot of boron concentrations relative to the plant ESV is provided in Figure 4-4. As indicated on Figure 4-4, with limited exception, the detections of boron are similar to the ESV, indicating that boron risks to plants are not expected.

For EFH (C10-C40), the ESV and RSV used in Table 4-5a are the plant-specific NOAEL and LOAEL, respectively, from the LANL database. Using the RSV, EFH has a LOAEL HQ of 2. A spatial plot for EFH is provided in Figure 4-5. An excerpt from Table 4-5a (Exhibit 4-4a) provided below shows the set of HQs for EFH using these two screening values. The UCL HQ using the ESV is 2, but the UCL HQ using the RSV is 0.4 suggesting that risk to plants from exposure to EFH is *de minimis*.

The results using the 95% UCL concentrations from within the Operations Area indicate that there are potential risks to plants within the Operations Area through potential exposure to perchlorate and manganese (Exhibit 4-4a).

Exhibit 4-4a. Chemicals with HQs Greater Than 1 for Plants (Operations Area)					
Chemical	**Source**	**HQs (Identified in Table 4-5a)**			
		Potential Risks to Terrestrial Plants			**Background HQs**
		AVG HQ	**95% UCL HQ**	**MAX HQ**	**95% UCL HQ**
Perchlorate (Figure 4-1)	LANL NOAEL (ESV)	3	4	100	No BKG
	LANL LOAEL (RSV)	**1**	2	60	No BKG
Boron (Figure 4-4)	Region 4 Plant (ESV)	0.7	**1**	40	0.1
	LANL LOAEL RSV	0.3	0.6	20	0.05
Lead	Eco-SSL Plants	0.1	0.2	2	0.08
Manganese (Figure 4-2)	Eco-SSL Plant (ESV)	10	40	1,000	2
	Eco-SSL Plant (RSV)	4	10	400	0.6
Mercury	Region 4 Plants	0.2	0.3	6	0.07
beta-BHC (Figure 4-3)	gamma-BHC LANL NOAEL as surrogate (ESV)	0.4	0.6	9	No BKG
	gamma-BHC LANL LOAEL as surrogate (RSV)	0.04	0.06	0.9	No BKG
EFH (C10-C40) (Figure 4-5)	LANL Generic Plant NOAEL (ESV)	**1**	2	10	No BKG
	LANL Generic Plant LOAEL (RSV)	0.2	0.4	2	

Notes:

Hazard quotient (HQ); Los Alamos National Laboratory (LANL); no observable adverse effect level (NOAEL); lowest observable adverse effect level (LOAEL); Ecological soil screening-level (Eco-SSL); gamma-BHC (g-BHC); average (AVG); upper confidence level (UCL); maximum (MAX); background (BKG); ecological screening value (ESV); refined screening level (RSV); extractable fuel hydrocarbons (EFH)

HQ Legend:

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1,000	100 < HQ

4.4.1.2 Eco DU-1

Eco DU results are summarized in Exhibit 4-4b below. The same constituents with HQs>1 in the Operations Area have HQs>1 in Eco DU-1 for both the maximum and 95% UCL soil concentrations (Table 4-5b) except for boron where the 95% UCL soil concentration in DU-1 leads to a HQ of 2, whereas it is 1 in the Operations Area. In fact, 95% UCL HQs for perchlorate, lead, manganese, mercury, and EFH were the same as those for the Operations Area as shown in the excerpt of Table 4-5a provided above. Perchlorate and manganese may present a potential risk to plants within Eco DU-1.

4.4.1.3 Eco DU-2

HQs are less than 1 for constituents with plant-specific ESVs using the maximum concentrations, except for boron and beta-BHC (Table 4-5c) when using the most

conservative plant specific ESV. Maximum HQs are less than or equal to 1 using the RSVs for boron and BHC. HQs are less than1 for all constituents using the 95% UCL concentrations and plant specific ESVs.

4.4.1.4 Eco DU-3

HQs are less than 1 for constituents with plant specific ESVs using the maximum concentrations and 95% UCL except for perchlorate with a maximum HQ of 40 and a 95% UCL HQ of 20 (Table 4-5d). Using the RSV, the maximum and 95% UCL HQs are 20 and 8, respectively.

4.4.1.5 Parcel E

HQs are less than 1 for all constituents evaluated in Parcel E with plant-specific ESVs using the maximum and the 95% UCL concentrations (Table 4-5e).

Exhibit 4-4b. Chemicals with a HQ Greater Than 1 for Plants by Decision Unit

Chemical Name	Source (ESVs & RSVs)	(Identified in Tables 4-5a through 4-5e) UCL / ESV and RSV Risk Results for Terrestrial Plants					
		Op Area	Eco DU-1	Eco DU-2	Eco DU-3	Parcel E	BKG
		UCL HQ	UCL HQ	UCL HQ	UCL HQ	UCL HQ	UCL HQ
Perchlorate	LANL NOAEL (ESV)	4	4	0.2	20	0.1	No BKG
	LANL LOAEL (RSV)	2	2	0.1	8	0.06	No BKG
Boron	Region 4 Plants (ESV)	**1**	2	0.9	--	0.6	0.1
	LANL LOAEL (RSV)	0.6	0.7	0.4	--	0.2	0.05
Lead	Eco-SSL Plants (ESV)	0.2	0.2	0.2	--	--	0.08
Manganese	Eco-SSL Plants (ESV)	40	40	--	--	--	2
	Eco-SSL RSV (RSV)	10	10	--	--	--	0.6
Mercury	Region 4 Plants (ESV)	0.3	0.3	--	--	--	0.07
beta-BHC	LANL gamma-BHC NOAEL as surrogate (ESV)	0.6	0.7	0.4	0.3	0.07	No BKG
	LANL gamma-BHC LOAEL as surrogate (RSV)	0.06	0.07	0.04	0.03	0.007	No BKG
EFH (C10-C40)	LANL Generic Plant NOAEL (ESV)	2	2	--	--	--	No BKG
	LANL Generic Plant LOAEL (RSV)	0.4	0.4	--	--	--	No BKG

Notes:

Ecological Decision Unit (Eco DU); Hazard quotient (HQ); Los Alamos National Laboratory (LANL); no observable adverse effect level (NOAEL); lowest observable adverse effect level (LOAEL); Ecological soil screening level (Eco-SSL); gamma-BHC (g-BHC); average (AVG); upper confidence level (UCL); maximum (MAX); background (BKG); ecological screening value (ESV); refined screening level (RSV); extractable fuel hydrocarbons (EFH); "—" Chemical eliminated from further evaluation for this Eco DU.

HQ Legend:

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

4.4.1.6 Conclusions

Overall, there is minimal risk to plants due to chemicals in the soil in Eco DU-2 and Parcel E. However, the results for the Operations Area, which includes the three additional Eco DUs, indicate that two constituents (perchlorate and manganese) may pose unacceptable risks to plants. On a spatial unit specific basis, results indicate that perchlorate and manganese potentially present a risk to plants in Eco DU-1, and perchlorate may present a risk to plants in Eco DU-3.

Perchlorate and manganese were detected at a frequency of 96% and 100%, respectively (Table 3-1a). While overall Eco DU-1 is the area where the greatest potential risk may occur to terrestrial plants, the UCL HQ for perchlorate is highest in Eco DU-3 (UCL RSV HQ = 8). The presence of plants in general is sparse and no special status plants are present in OU-1.

Perchlorate may pose a risk to plants in areas with the highest detected concentrations. Figure 4-1 shows the perchlorate concentrations by sample location for each Eco DU compared to the RSV. As illustrated, perchlorate concentrations are below the plant RSVs in Parcel E and Eco DU-2 indicating that perchlorate in these spatial units does not likely pose an unacceptable risk to terrestrial plants. As indicated in Figure 4-1, there are some locations in Eco DU-1 near the Former Ammonium Perchlorate Plant that exceed the RSV for plants, which suggests that these areas could potentially impact plants.

Manganese does not likely pose a risk to plants except in areas with the highest concentrations in DU-1, as is illustrated on Figure 4-2. The manganese USEPA Eco-SSL for terrestrial plants is based on a geomean of four toxicity values acquired from three available studies (USEPA 2007e). The soil in one study (Reid 1965, as cited in USEPA 2007e), based on toxicity to barley (*Hordeum vulgare*), contained a very low concentration (0.78%) of organic matter. Soil toxicity values of 71 mg/kg were derived using each of two different soil pH (4.6 and 7.3), indicating that pH had no effect on the toxicity of manganese to barley. Similarly, pH was varied in two additional studies on terrestrial plants (Rehab and Wallace 1978 and Foy et al. 1998, as cited in USEPA 2007e), but the toxicity to both cotton (*Bossypium* spp.) and Nile grass (*Heroceras macrum*) was the same (i.e., 707 mg/kg). Organic matter was also varied in the Rehab and Wallace (1978) and Foy et al. (1998) studies as cited in USPEA 2007e, but because the toxicity values were identical, it is unlikely that the organic matter content is a determining factor in manganese toxicity in soil. However, it is known that barley is a sensitive crop species to manganese (Fuhrs et al. 2010), so including the toxicity values for barley in the Eco-SSL derivation for manganese very likely biases the Eco-SSL for manganese low. As such, for this OU-1 Refined SLERA, the toxicity values for the less-sensitive plant species (i.e., 707 mg/kg) is provided as an

USEPA Eco-SSL RSV in Figure 4-2. Therefore, manganese is not identified as a chemical for future risk management consideration based on concerns for plants in Eco DU-2, Eco DU-3, or Parcel E. However, manganese is identified for future risk management consideration based on concerns for plants for DU-1 where there are 51 samples with concentrations that exceed the RSV.

It is possible that sensitive plants may experience adverse impacts at the locations with the highest concentrations of perchlorate and manganese, however, while individual plants could be impacted in a small area, the plant community would not be adversely impacted from exposure within this area. Some constituents lack plant ESVs, as identified on Tables 4-5a through 4-5e. These are discussed as an uncertainty in the uncertainty evaluation.

4.4.2 Refined Risk Calculations for Invertebrates Via Direct Contact Pathways

HQs for terrestrial invertebrates are provided on Table 4-6a through 4-6e for each of the five spatial units defined within the OU-1 Refined SLERA Area. The results for each of the five spatial units are discussed below. An excerpt of Table 4-6a showing the AVG, 95% UCL and maximum HQs for the Operations Area and an excerpt of Tables 4-6a through 4-6e showing the 95% UCL HQs for each of the five spatial units are provided below.

The following figures illustrate the risk results using RSVs specific to invertebrates:

- Figure 4-6: Spatial Concentration Plot for Perchlorate using the RSV
- Figure 4-7: Spatial Concentration Plot for Manganese using the RSV
- Figure 4-8: Spatial Concentration Plot for 4,4'-DDE using the RSV
- Figure 4-9: Spatial Concentration Plot for 4,4'-DDT using the RSV
- Figure 4-10: Spatial Concentration Plot for Calculated DDx using the RSV
- Figure 4-11: Spatial Concentration Plot for beta-BHC using the RSV
- Figure 4-12: Spatial Concentration Plot for EFH (C10-C40) using the RSV

4.4.2.1 Operations Area

Using the maximum concentrations and invertebrate-specific ESVs the following constituents had HQs that exceed 1: perchlorate, manganese, mercury, 4,4'-DDE, 4,4'-DDT, DDx, beta-BHC, Total PCBs, di-n-butylphthalate, and EFH (C10-C40).

- Using the 95% UCL concentrations, HQs exceeded 1 for perchlorate, manganese, mercury, and beta-BHC. These chemicals were evaluated using location-specific HQs in Appendix G-2.
- As can be seen on the except from Table 4-6a below, there are two sets of HQs for perchlorate, manganese, DDE, DDT, DDx, beta-BHC, and EFH.
    - For perchlorate, the ESV is a NOAEL taken from the LANL database for earthworms resulting in a maximum HQ of 1,000 and a 95% UCL HQ of 50. Using a LOAEL value as an RSV, also from the LANL database, the maximum HQ was 100 and the 95% UCL HQ was 5 for the Operations Area. Figure 4-6 provides the spatial plot for perchlorate using the LANL LOAEL RSV.
    - For manganese, the USEPA Eco-SSL for terrestrial invertebrates is based on a geomean of three toxicity values acquired from three available studies (USEPA

2007e). The three studies are based on potworms (*Enchytraeus crypticus*; Kuperman et al. 2002, as cited in USEPA 2007e), springtails (*Folsomia candida*; Phillips et al. 2002, as cited in USEPA 2007e), and earthworms (*Eisenia fetida*; Simini et al. 2002, as cited in USEPA 2007e), and provide manganese soil toxicity values of 116 mg/kg, 1,209 mg/kg, and 629 mg/kg, respectively. Because the soil within OU-1 is mostly compacted, it is unlikely that either potworms or earthworms—both small, burrowing species—would be abundant or even present in OU-1 soil. Springtails, on the other hand, do not burrow deep in the soil and are generally ubiquitous; they may be present in OU-1 soil. Therefore, the toxicity value for manganese of 1,209 mg/kg, which was derived using springtails, is provided as an USEPA Eco-SSL RSV. Figure 4-7 provides the spatial plot for manganese using the USEPA Eco-SSL RSV. Using this RSV, manganese has a 95% UCL HQ of 7 within the Operations Area. This RSV was selected based on a literature review to find toxicity studies other than the conservative value identified by USEPA (2007b) for manganese. Google Scholar was searched for research papers specifically pertaining to exposure of soil invertebrates to manganese written from 1990 to present. 33 papers were reviewed. Most of the papers regarding the toxicity of manganese to soil invertebrates focused on metabolomic or genetic effects on worms. Some of these papers using worms focused on the relationship between manganese and human diseases such a Parkinson's and Alzheimer's. Whole-worm toxicity testing information was sparse. The other papers reviewed were not useful for a variety of reasons including the studies not being relevant to actual soil exposures, use of biochemical endpoints such as upregulation of proteins, or biomarkers of exposure such as molecular or histologic tests versus survival, growth, or reproductive endpoints typically used in ERAs. As such, the supplemental EC20 based on impacts to reproductive endpoints from Phillips et al. (2002) was used as the RSV.

- Beta-BHC reflects the highest HQs, with HQs of 3,000 using the maximum EPC, 200 using the 95% UCL EPC and 100 using the average EPC. The 95% UCL BHC soil concentration is 0.06 mg/kg. The USEPA Region 4 ESV for soil invertebrates (0.0003 mg/kg) is not directly based on a study of toxicity for soil invertebrates. Rather, it is based on predicted toxicity from an ecological structure-activity relationship soil model which is a threshold for no adverse effects. USEPA guidance identifies ESVs and RSVs for many constituents but does not provide an RSV for beta-BHC specific to soil invertebrates. Therefore, a literature review was conducted to find toxicity studies other than the conservative ESV reported by USEPA Region 4. A broad search resulted in 1,380 results, but virtually all of the papers were prepared from 1950 to 1970 when this pesticide was in use. As such the research is very old and may not reflect modern good laboratory practices. In a review paper prepared by Edwards and Bohlen (1992) the authors report concentrations of BHC applied in the lab to earthworms. The various studies included concentration ranges from 0.075 to 800 mg/kg. The authors reported low toxicity of BHC to invertebrates (Gunthart 1947; Morrison 1950; Prisaznyuk 1950; Polivka 1951; Grigoreva 1952; Richter 1953; Weber 1953; Lipa 1958; Ghilarov and Byzova 1961) except at the highest concentrations. The study from Novais et al. 2010 is a toxicity study conducted on soil invertebrates.

Novais et al. (2010) exposed soil invertebrates to BHC. Novais et al. (2010) reported that there were no reproductive impairments at 18 mg/kg (of gamma BHC, the most toxic form) and no mortality at 5.6 mg/kg of beta-BHC for the potworm (soil invertebrate) after a 42-day exposure. The Novais et al. (2010) study is used as an RSV for this OU-1 Refined SLERA. The detected concentrations of beta-BHC are well below the soil invertebrate RSV of 5.6 mg/kg, and the RSV 95% UCL HQ is well below 1. Figure 4-11 provides the spatial plot for beta-BHC using the Novais et al. (2010) RSV.

- For EFH (C10-C40), the ESV and RSV used in Table 4-6a are the invertebrate-specific NOAEL and LOAEL, respectively, from the LANL database. Using the invertebrate specific ESV, the HQ using the maximum and 95% UCL soil concentrations are 5 and 0.9, respectively. Using the RSV, EFH has an HQ of 0.5 and a UCL HQ of 0.09, suggesting that risk to plants from exposure to EFH is de minimis. Figure 4-12 provides the spatial plot for EFH (C10-C40) using the LOAEL RSV.

- Considering RSVs, the only constituents of concern which may pose a risk to invertebrates in the Operations Area are perchlorate, manganese, and mercury (see Exhibit 4-5 below).

Exhibit 4-5. Chemicals with a HQ Greater Than 1 for Potential Risks to Soil Invertebrates

Chemical Name	Invertebrate (ESV/RSV)	HQs in Operations Area (Table 4-6a)			
		AVG	95% UCL	MAX	BKG 95% UCL
		HQ	HQ	HQ	HQ
Perchlorate (Figure 4-6)	LANL NOAEL	30	50	1,000	No BKG
	LANL LOAEL	3	5	100	
Manganese (Figure 4-7)	Eco-SSL Invert	7	20	600	**1**
	Eco-SSL Invert RSV	3	7	200	0.4
Mercury	Region 4 Invert	**1**	2	40	0.4
	Conder et al., 2015	0.09	0.1	3	0.04
DDE (Figure 4-8)	Eco-SSL ESV	0.4	**1**	20	No BKG
	Eco-SSL (RSV)	0.04	0.1	2	
DDT (Figure 4-9)	Eco-SSL ESV	0.1	0.3	5	No BKG
	Eco-SSL (RSV)	0.0101	0.03	0.5	
Calculated DDx (ND=0.5DL) (Figure 4-10)	Eco-SSL ESV	0.6	**1**	30	No BKG
	Eco-SSL (RSV)	0.06	0.1	3	No BKG
Beta-BHC (Figure 4-11)	Region 4 Invert	100	200	3,000	No BKG
	Novais et al. (2010)	0.007	0.01	0.2	
Total PCBs	Region 4 Invert	0.4	0.6	3	No BKG

Exhibit 4-5. Chemicals with a HQ Greater Than 1 for Potential Risks to Soil Invertebrates					
Chemical Name	**Invertebrate (ESV/RSV)**	**HQs in Operations Area (Table 4-6a)**			
		AVG	**95% UCL**	**MAX**	**BKG 95% UCL**
		HQ	**HQ**	**HQ**	**HQ**
di-n-butyl phthalate	Region 4 Invert	0.3	0.5	8	No BKG
EFH (C10-C40) (Figure 4-12)	LANL Earthworm NOAEL (ESV)	0.5	0.9	5	No BKG
	LANL Earthworm LOAEL (RSV)	0.05	0.09	0.5	

Notes:

Los Alamos National Laboratory (LANL); no observable adverse effect level (NOAEL); lowest observable adverse effect level (LOAEL); Ecological soil screening level (Eco-SSL); gamma-BHC (g-BHC); average (AVG); upper confidence level (UCL); maximum (MAX); background (BKG); ecological screening value (ESV); refined screening level (RSV), extractable fuel hydrocarbons (EFH)

Legend:

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1,000	100 < HQ

4.4.2.2 Eco DU-1

The same constituents with HQs>1 in the Operations Area have HQs>1 in Eco DU-1 using the maximum soil concentrations, as indicated in Exhibit 4-6 below. These include perchlorate, manganese, mercury, 4,4'-DDE, 4,4'-DDT, DDx, beta-BHC, Total PCBs, di-n-butylphthalate, and EFH. The constituents with HQs>1 using the 95% UCL soil concentration from within Eco DU-1 are the same as those for the Operations Area, including perchlorate, manganese, mercury, and beta-BHC, in addition to DDx (Table 4-6b). The perchlorate UCL HQ within OU-1 is 40 versus 50 within the Operations Area when using the ESV. The RSV HQs for DDx and beta-BHC are below 1. 95% UCL HQs using RSVs are greater than 1 for perchlorate (HQ=4), manganese (HQ=7), and mercury (HQ=2).

4.4.2.3 Eco DU-2

HQs using maximum soil concentrations from within Eco DU-2 using conservative invertebrate specific ESVs exceeded 1 for perchlorate, 4,4'-DDE, 4,4'-DDT, DDx, and beta-BHC (Table 4-6c). However, maximum HQs are less than or equal to 1 using the RSVs for each of the constituents listed above. HQs using 95% UCL soil concentrations and invertebrate-specific ESVs, HQs exceed 1 for perchlorate, 4,4'-DDE, DDx, and beta-BHC. HQs are less than or equal to 1 for all constituents evaluated in Eco DU-2 with invertebrate-specific RSVs using the maximum or 95% UCL soil concentrations (Table 4-6c).

4.4.2.4 Eco DU-3

HQs are less than or equal to 1 for constituents with invertebrate-specific ESVs using the maximum concentrations, except for perchlorate, beta-BHC, and di-n-butylphthalate (Table 4-6d). Using the 95% UCL soil concentration and invertebrate-specific ESVs, HQs exceed 1

for perchlorate and beta-BHC. Using the 95% UCL soil concentration and RSVs, HQs are below 1 except for perchlorate (HQ=20).

4.4.2.5 Parcel E

HQs exceed 1 using maximum soil concentrations and conservative ESVs for perchlorate and beta-BHC (Table 4-6e). Using the 95% UCL soil concentration and invertebrate-specific ESVs, HQs exceed 1 for beta-BHC but are equal to 1 for perchlorate. HQs are less than 1 for all constituents evaluated in Parcel E with invertebrate-specific RSVs using the maximum or 95% UCL soil concentrations (Table 4-6e).

Exhibit 4-6. Chemicals with HQ Greater Than 1 for Soil Invertebrates

Chemical Name	ESV/RSV	Identified in Tables 4-6a through 4-6e					
		Op Area	Eco DU-1	Eco DU-2	Eco DU-3	Parcel E	BKG
		UCL HQ	UCL HQ	UCL HQ	UCL HQ	UCL HQ	UCL HQ
Perchlorate	LANL Earthworm NOAEL (ESV)	50	40	2	200	**1**	No BKG
	LANL Earthworm LOAEL (RSV)	5	4	0.2	20	0.1	
Manganese	Eco-SSL (ESV)	20	20	--	--	--	**1**
	Eco-SSL (RSV)	7	7	--	--	--	0.4
Mercury	Region 4 (ESV)	2	2	--	--	--	0.4
4,4'-DDE	Eco SSL (ESV)	**1**	**1**	2	0.3	--	No BKG
	Eco-SSL (RSV)	0.1	0.1	0.2	0.03	--	
Calculated DDx	Eco SSL (ESV)	**1**	2	2	0.6	--	No BKG
	Eco-SSL (RSV)	0.1	0.2	0.2	0.06	--	
Beta-BHC	Region 4 Invert (ESV)	200	200	100	100	20	No BKG
	Novais et al. (2010; RSV)	0.01	0.01	0.007	0.005	0.001	

Notes:

Ecological Decision Unit (Eco DU); Hazard quotient (HQ); Los Alamos National Laboratory (LANL); no observable adverse effect level (NOAEL); lowest observable adverse effect level (LOAEL); Ecological soil screening level (Eco-SSL); gamma-BHC (g-BHC); average (AVG); upper confidence level (UCL); maximum (MAX); background (BKG); ecological screening value (ESV); refined screening level (RSV)

Legend:

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1,000	100 < HQ

4.4.2.6 Conclusions

While several constituents had HQs greater than 1, the results indicate that three constituents (perchlorate, manganese, and mercury) are the risk drivers for terrestrial invertebrates in the Operations Area.

Perchlorate, manganese, and mercury are ubiquitous throughout the OU-1 Refined SLERA Area (frequency of detections is 96%, 100%, and 85%, respectively). The 95% UCL RSV HQs for terrestrial invertebrates can be summarized as follows:

- The perchlorate HQ is 4 in Eco DU-1, 20 in Eco DU-3, and below the threshold of 1 elsewhere.
- The manganese HQ is 7 in Eco DU-1 and below the threshold of 1 elsewhere.
- The mercury HQ is 2 in Eco DU-1 and below 1 elsewhere.
- The DDE and DDx HQs are less than 1 in all areas.

Perchlorate may pose a risk to soil invertebrates in areas with the highest detected concentrations in Eco DU-1 and Eco DU-3. Figures 4-13 shows the perchlorate concentrations by sample location for each of the five spatial units compared to RSVs. As illustrated, perchlorate concentrations are below the plant and invertebrate RSVs in Parcel E and Eco DU-2 indicating that perchlorate in these spatial units do not likely pose an unacceptable risk to terrestrial plant and invertebrate receptors. Eco DU-1 has the greatest number of sampling locations with concentrations exceeding the RSVs, suggesting that the northern half of the Operations Area could potentially impact plants and invertebrates.

Manganese may also pose a risk to soil invertebrates in areas with the highest detected concentrations. Figure 4-14 shows the manganese concentrations by sample location for each Eco DU compared to two ecological risk values:

- The conservative Eco-SSL ESV for invertebrates, 450 mg/kg.
- The refined Eco-SSL RSV for invertebrates, 1,209 mg/kg.

As indicated, the majority of manganese detections fall below the RSV for soil invertebrates. However, some possible adverse impacts could occur for some invertebrate species in areas with the highest concentrations of manganese. Therefore, manganese is not identified as a chemical for future risk management consideration based on concerns for invertebrates in Eco DU-2, Eco DU-3, or Parcel E. However, manganese is identified for future risk management consideration based on concerns for plants for Eco DU-1.

Mercury may also pose a very slight risk to soil invertebrates in areas of Eco DU-1 with the highest detected concentrations. There are 20 samples from 1919 locations in Eco DU-1 where the soil concentration exceeds the invertebrate ESV (from USEPA Region 4 2018). Appendix G-2 shows the mercury concentrations by sample location for each Eco DU compared to ESVs. However, in a review of mercury sediment screening values prepared by Conder et al. (2015), the authors report that due to the complexity of mercury geochemistry there is a wide range of effect thresholds that are reported in the literature, many of which are overly conservative. The authors reported that mercury concentrations between 0.2 mg/kg and 1 mg/kg are a more accurate representation of toxicity to benthic invertebrates. Sediment and soil are similar matrices each with their own unique invertebrate community. However, as soil toxicity data are limited, the use of sediment toxicity testing results are informative. Applying the median concentrations between the two values provided by Conder et al. (2015) of 0.6 mg/kg yields a maximum HQ of 3 and a 95% UCL HQ of 0.2. Only two locations, both of which are in Eco DU-1, have concentrations greater than 0.6 mg/kg. Therefore, given the uncertainty in the existing invertebrate ESVs for mercury, and applying a conservative alternative RSV, it is reasonable to conclude that mercury is unlikely to pose a significant risk to invertebrates within the Operations Area. Therefore, mercury is not identified as a chemical identified for future consideration based on concerns for invertebrates. Some constituents lack invertebrate

ESVs, as identified on Tables 4-6a through 4-6e. These are discussed as an uncertainty in the uncertainty evaluation.

4.5 Risk Characterization for Birds, Mammals, and Reptiles via Food Web Pathways

Food web pathways were considered for COPECs identified in the OU-1 Refined SLERA as being potentially bioaccumulative. Tables 4-2a through 4-2e provide a list of COPECs for consideration in the food web model for each spatial unit, and indicates which chemicals are considered to be bioaccumulative based on USEPA 2000a and 2007a guidance documents. This section discusses the following elements of the evaluation of food web pathways:

- Wildlife Receptors (Section 4.5.1)
- Exposure Assessment for food web pathways (Section 4.5.2)
- Effects Assessment for the food web pathways (Section 4.5.3)

The following figures show concentrations by sample locations for each Eco DU, the ESVs and RSVs used for the plant and invertebrate specific evaluation, and results using the NOAEL and LOAEL TRVs for the food web modeling discussed further in this section:

- Figure 4-13: Perchlorate Concentrations by Area (Log Scale) – Refined Assessment
- Figure 4-14: Manganese Concentrations by Area (Log Scale) – Refined Assessment
- Figure 4-15: Dioxin/Furan TEQ Concentrations by Area (Log Scale) – Refined Assessment

4.5.1 Wildlife Receptors of Interest

Most healthy ecosystems support many individual species representing a variety of feeding guilds. However, it is not feasible to complete risk calculations for all potentially exposed species. Moreover, such an effort would be duplicative because of the similarity of exposure patterns among closely related species and among those with similar feeding guilds. For these reasons, surrogate receptors of interest are selected to represent the different feeding guilds. The following mammal and bird receptors were identified consistent with the receptors selected for the OU-1 Refined SLERA as follows in Exhibit 4-7:

Exhibit 4-7. Representative Wildlife Species Selected for Evaluation in the OU-1 Refined SLERA

Carnivore	Cooper's Hawk
	Kit Fox
	Western Burrowing Owl
Omnivore	Raccoon
Herbivore	Mourning Dove
	Great Basin Pocket Mouse
Insectivore	American Robin
	Fringed Myotis
	Desert Shrew

These species are both known to be susceptible to food web exposures or are representative prey of organisms that are susceptible to food web exposures (USEPA 1993). They reflect a range of trophic levels (e.g., carnivorous mammal as compared to an omnivorous mammal) and thus dietary exposure. Furthermore, dietary and toxicological information is available for these species, making them good candidate species for food web modeling (e.g., USEPA 1993, Sample et al. 1996). As such, the selected species can be used as surrogate species to represent the types of exposures and potential impacts that could occur to other wildlife species within OU-1. These animals are commonly found in southern Nevada.

4.5.2 Exposure Assessment for Food Web Pathways

As with plants and invertebrates, the food web evaluation considers two types of EPCs: the maximum (worst case) and a central tendency estimate, characterized by the 95% UCL when available (or the maximum when the UCL exceeded the maximum).

- Worst Case: This scenario uses maximum media concentrations to give upper-bound estimates of exposures within the OU-1 Refined SLERA Area because wildlife does not remain fixed around a single point in space.
- A Central Tendency Case (95% UCL): This scenario uses average media concentrations that more realistically estimate the types of exposures that are likely to occur as animals move around the OU-1 Refined SLERA Area and beyond. The UCL is the upper estimate of the AVG concentration. In instances where the 95% UCL exceeds the maximum concentration, the central tendency value used is the AVG concentration.

Based on the combination of exposures (maximum and central tendency) and the evaluation of five different spatial "units", the food web model presents 15 food web exposure scenarios for each representative bird and mammal as follows:

Exhibit 4-8. Three Exposure Scenarios Considered for Each Spatial Unit

Spatial Unit	Maximum EPC	Average EPC	UCL EPC
Operations Area	✓	✓	✓
Eco DU-1	✓	✓	✓
Eco DU-2	✓	✓	✓
Eco DU-3	✓	✓	✓
Parcel E	✓	✓	✓

Notes: Ecological Decision Unit (Eco DU); exposure point concentration (EPC); total daily intake (TDI); upper confidence limit of the mean (UCL)

4.5.2.1 Total Daily Dose

The exposure assessment yields estimates of total daily intake (TDI) of COPECs for the wildlife receptor of interest via diet and incidental ingestion of soil while foraging or preening/grooming. Incidental ingestion of water was not considered because there are no natural waterbodies within the OU-1 Refined SLERA Area and soil is the only media examined as described in the Work Plan. Total daily doses (TDDs) were calculated based on the methodology described in USEPA (1993). TDD is estimated as a function of an EPC, food ingestion rate, composition of diet, BW, and area use factor (AUF).

Dietary intakes are calculated for each upper trophic level receptor species using the following equation (USEPA 1993, ORNL 1994):

$$TDD = \frac{([IR_{FOOD} \times C_{FOOD}] + [IR_{SOIL} \times C_{SOIL}] + [IR_{WATER} \times C_{WATER}]) \times AUF \times AF}{BW}$$

Where:

TDD	=	Total daily dose (mg COPEC/kg wet weight [ww]-day)
IR_{FOOD}	=	Ingestion rate of food (kilograms per day [kg/day])
C_{FOOD}	=	Concentration of the COPEC in food (mg/kg)
IR_{SOIL}	=	Ingestion rate of soil (kg/day)
C_{SOIL}	=	Concentration of COPEC in soil (mg/kg)
IR_{WATER}	=	Ingestion rate of water (Liter [L]/day)
C_{WATER}	=	Concentration of COPEC in water (milligram per liter [mg/L])
AUF	=	Area use factor (unitless)
AF	=	Assimilation factor (unitless)
BW	=	Body weight (kg ww)

and:

$$C_{FOOD} = \sum((C_{FOOD1} + P_{FOOD1}) + (C_{FOOD2} + P_{FOOD2}) + (C_{FOOD\,i} + P_{FOOD\,i}))$$

C_{FOOD}	=	Concentration of COPEC in food (mg/kg)
C_{FOOD1}	=	C_{MEDIUM} x bioaccumulating factor (BAF) $_{FOOD1}$ (mg/kg)
P_{FOOD1}	=	Proportion of diet composed of food item 1 (unitless)
C_{FOOD2}	=	C_{MEDIUM} x BAF $_{FOOD2}$ (mg/kg)
P_{FOOD2}	=	Proportion of diet composed of food item 2 (unitless)
$C_{FOOD\,i}$	=	C_{MEDIUM} x BAF $_{FOOD\,i}$ (mg/kg)
$P_{FOOD\,i}$	=	Proportion of diet composed of the i^{th} food item (unitless)
BAF $_{FOOD1}$	=	Bioaccumulation factor for first food item (unitless)
BAF $_{FOOD2}$	=	Bioaccumulation factor for second food item (unitless)
BAF $_{FOOD\,i}$	=	Bioaccumulation factor for the i^{th} food item (unitless)

Consistent with the Work Plan, sediment and surface water are not considered in the food web model for the OU-1 Refined SLERA Area as sediment is not present and the only surface water present is the impounded ponds which are excluded from the ecological evaluation. Dietary dose is estimated by multiplying the amount of soil that is ingested by the chemical concentration in the soil. Dietary dose for food is obtained by summing the proportion of each dietary component multiplied by the concentration in each dietary component and multiplying that by the food ingestion rate. The concentration of chemicals in food and prey items (plants, invertebrates, and small mammals) are estimated using COPEC concentrations in OU-1 Refined SLERA Area soil and literature-derived

bioaccumulation factors (BAFs). If a receptor does not consume a given prey item, the fraction of the diet for that item is 0. Likewise, if a receptor does not consume a given medium, the amount of that medium consumed is 0. The food web model uptake approach for the dietary prey items (terrestrial plants, terrestrial invertebrates, and prey mammals) are presented in Appendix H-1.

Absorption factors and AUFs are also a component of the TDI. A conservative default value of 1 is used as the absorption factor (i.e., the fraction of chemical ingested that is absorbed into the system). This assumption likely overestimates the TDIs, as laboratory toxicity tests often use highly available forms of the test chemical, whereas actual bioavailability under natural conditions is considerably lower. AUFs are the estimation of dose to account for the possibility that some wildlife receptors may obtain some food from outside of the OU-1 Refined SLERA Area. An AUF is the ratio of the animals' home range and the area of the spatial unit being evaluated. AUF values of 1 and below 1 were used in the food web calculations based on specific species life history information.

The 15 EPC scenarios described in Section 4.5.2 are used to perform a series of calculations that represent 15 TDI estimates for each bird and mammal receptor as follows.

Exhibit 4-9. Three TDI Estimates in the Food Web Model for Each Bird and Mammal

Spatial Unit	Maximum EPC	Average EPC	UCL EPC
Operations Area	✓	✓	✓
Eco DU-1	✓	✓	✓
Eco DU-2	✓	✓	✓
Eco DU-3	✓	✓	✓
Parcel E	✓	✓	✓

Notes: Ecological Decision Unit (Eco DU); exposure point concentration (EPC); total daily intake (TDI); upper confidence limit of the mean (UCL)

4.5.2.2 Bioaccumulation and Bioconcentration Factors

The processes of bioaccumulation and bioconcentration are important to ERA because they provide a basis for prediction and discussion regarding the potential chemical uptake into flora and fauna. Chemicals in tissues of organisms of the food web are likely to be ingested by the species that feed on them (i.e., those occupying higher trophic levels), the result of which may be the expression of toxicological effects by the higher trophic level species. Bioaccumulation differs from bioconcentration on the basis of the mechanism of chemical uptake, although distinguishing between the two is sometimes highly artificial (Streit 1992). While chemicals with low bioaccumulation potential can pose a risk to wildlife at high enough soil concentrations via incidental ingestion of soil, the exposure does not occur through the food web. Therefore, only bioaccumulative chemicals were evaluated in the food web model. Wildlife HQs were calculated for bioaccumulative chemicals consistent with USEPA guidance (2000a and 2007a).

BAFs and bioconcentration factors (BCFs) used for the food web modeling were obtained from literature sources such as Sample et al. (1997), Baes et al. (1984), Travis and Arms (1988), Belfroid et al. (1994), Belfroid et al. (1995), Beyer (1990), Beyer et al. (1996), and other related literature are provided in Appendix H-1. The specific sources of BAFs and BCFs are provided in the notes section of each table presented in Appendix H-1.

4.5.2.3 Bioaccumulation and Bioconcentration Factors for TEQ

The USEPA's Eco SSL guidance document (USEPA 2007b) develops a mathematical approximation for uptake factors of non-ionic organic constituents from soil into earthworms based on a series of equations that consider the octanol-water partitioning coefficient (K_{ow}), the lipid fraction of the earthworms, the organic carbon content of the soil, and the soil organic carbon to water partitioning coefficient (K_{oc}). This means that the uptake of dioxins and furans (as well as other hydrophobic persistent organic pollutants) is governed by the balance between the organic carbon in the soil and the lipids of the receptor mediated by the amount of the constituent that can be dissolved in soil porewater.

The USEPA (2007b) states:

$$C_{worm} = K_{ww} \times C_w \quad \text{(Equation 1)}$$

Where:

- C_{worm} = concentration in worm (mg/kg ww)
- K_{ww} = biota to soil water partitioning coefficient (L soil pore water/kg ww tissue)
- C_w = Concentration in soil porewater (mg/L)

and K_{ww} is calculated from the following equation:

$$\text{Log}(K_{ww}) = 0.87 \times \text{Log}(K_{ow}) - 2 \quad \text{(Equation 2)}$$

The concentration of the constituent in soil pore water is calculated as:

$$C_w = C_s / K_d \quad \text{(Equation 3)}$$

Where:

- C_w = Concentration in soil porewater (mg/L)
- C_s = Concentration in soil (mg/kg soil)
- K_d = soil to water partitioning coefficient (L soil pore water/kg dry weight [dw] soil)

and:

$$K_d = f_{oc} \times K_{oc} \quad \text{(Equation 4)}$$

Where:

- f_{oc} = fraction of organic carbon in soil (kg organic carbon/kg soil)
- K_{oc} = soil organic carbon to water partitioning coefficient (L soil pore water/kg organic carbon)

Equations 1, 3, and 4 can be combined as:

$$C_{worm} = \frac{K_{ww} \times C_{soil}}{f_{oc} \times K_{oc}} \quad \text{(Equation 5)}$$

Equation 5 can be rearranged to isolate C_{soil} so that the latter half of the equation functions as a BAF.

$$C_{worm} = C_{soil} \times \left(\frac{K_{ww}}{f_{oc} \times K_{oc}}\right) \quad \text{(Equation 6)}$$

Equation 2 can then be rearranged to solve for K_{ww}:

$$K_{ww} = 10^{(0.87 \times \text{Log } (K_{ow})-2)} \quad \text{(Equation 7)}$$

The log (K_{ow}) for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) is 6.8 (USEPA 2000b), with K_{ww} from Equation 7 can be calculated as follows:

$$K_{ww} = 10^{(0.87 \times 6.8 -2)}$$

$$K_{ww} = 8{,}242$$

The average OU-1 total organic carbon content is 0.23%, or a f_{oc} of 0.0023.

The K_{oc} for TCDD is 3.98×10^6 (USEPA 2000b).

Therefore, using Equation 4 and solving for K_d results in the following:

$$K_d = f_{oc} \times K_{oc}$$

$$K_d = 0.0023 \times (3.98 \times 10^6)$$

$$K_d = 9{,}154$$

Therefore, using Equation 6, and solving for C_{worm}:

$$C_{worm} = C_{soil} \times \left(\frac{K_{ww}}{f_{oc} \times K_{oc}}\right) \quad \text{(Equation 8)}$$

$$C_{worm} = C_{soil} \times \left(\frac{8{,}242}{9{,}154}\right)$$

$$C_{worm} = C_{soil} \times 0.90$$

The site-specific uptake factor for dioxin and furan TEQs (as TCDD) is 0.90 times the concentration in soil (C_{soil}), for wet weight (ww) earthworms. The BAF for earthworms for dioxin and furan TEQs (as TCDD) is 0.9 calculated using equations 1 to 8, as shown above and using the average organic carbon content of approximately 0.23%. The organic carbon within OU-1 soils ranges from 0.023% to 1.58%. BAFs derived using the average, and the 85th percentile to the 99th percentile of f_{oc} are summarized below and are discussed further in the uncertainty assessment, as indicated in Exhibit 4-10a:

Exhibit 4-10a. Range of Estimated TCDD BAFs Based on OU-1 Organic Carbon Measurements

	Average foc	85th Percentile foc	95th Percentile foc	99th Percentile foc	Maximum foc
foc	0.0023	0.00517	0.00856	0.011946	0.0158
BAFs	0.90	0.40	0.24	0.17	0.13

Notes: 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD); bioaccumulation factor (BAF); fraction organic carbon (foc); Operable Unit 1 (OU-1)

Literature studies were also considered as a basis of BAFs. Unlike many sites studied, OU-1 does not provide good habitat for earthworms, which are the most frequently used soil invertebrate uptake model for TEQs. Good habitat for earthworms includes soils that "remain moist and protected from extreme temperature changes" (Reynolds 2015). The soils within the OU-1 Refined SLERA Area are mostly sandy, dry, compacted, and provide little moisture and protection for earthworms (see photolog in Appendix B and description in Section 2.1.2). Particularly, the surface of the OU-1 Site is primarily Quaternary alluvial

deposits that slope north toward the Las Vegas Wash. The alluvium consists of a reddish-brown heterogeneous mixture of well-graded sand and gravel with lesser amounts of silt, clay, and caliche (Section 2.1.2). Caliche (or hardpan) is not the type of soil where earthworms can flourish. Uptake factors for earthworms therefore likely overestimate the likelihood of chemical exposures via the food web at OU-1.

Studies of TCDD/TEQ uptake factors for terrestrial insects were considered for the OU-1 Refined SLERA food web model and are described here, which have a variety of soil organisms and have a range of TCDD TEQ concentrations (Young et al. 1987 and Kay et al. 2005). Kay et al. (2005) surveyed soil and wildlife concentrations of TCDD near the Tittabawassee River in Michigan. They have co-located soil concentrations and invertebrate concentrations that allow for calculation of BCFs for a reference area and two study areas. The estimated BAFs for non-earthworm invertebrates from this study that range from 0.009 to 0.554 in areas with average soil concentrations of TCDD ranging from 2.04 parts per trillion (ppt) for the reference area and approximately 2,500 ppt for Locations 1 and 2 (i.e., 0.00000204 and 0.0025 mg/kg). Estimated BAFs using the data from Kay et al. (2005) showed that higher TCDD concentrations yielded lower BAFs.

A field study measured TCDD in soil and TCDD in insects in Florida (Young et al., 1987). Soil concentrations of TCDD were measured in three areas. The TCDD uptake factors calculated from this study range from 0.055 to 1.519, assuming a TCDD soil concentration of approximately 325 parts nanograms per kilogram (ng/kg, or 0.000325 mg/kg) as follows in Exhibit 4-10b:

Exhibit 4-10b. Calculation of a Weighted Average BAF for the OU-1 Refined SLERA Area

Study and Organism	Low End Estimate of BAF	High End Estimate of BAF
Young 1987 Crickets Minimum	0.055	0.115
Young 1987 Crickets Maximum	0.080	0.166
Young 1987 Soil/Plant Insects	0.123	0.255
Young 1987 Burrow Spiders	0.354	0.734
Young 1987 Beetle Grubs	0.732	1.519
Kay 2005 Non-Earthworm Invertebrates	0.009	0.554
Average of these BAFs	**0.39**	

Note: bioaccumulation factor (BAF); Operable Unit 1 (OU-1)

However, during the site reconnaissance, a trained ecologist noted that the actual distribution of invertebrates at the Site was roughly 45% crickets, 45% other insects, and 10% burrowing spiders, or other organisms like scorpions with a similar lifestyle, trophic level, and exposure patterns. A weighted average of the high-and-low end studies for these organisms results in a BAF of 0.19.

Exhibit 4-10c. Calculation of a Weighted Average BAF for the OU-1 Refined SLERA Area			
	BAF	**%**	**Contribution**
Crickets (average of 4 values)	0.104	45%	0.047
Soil/Plant Insects (average of 2 values)	0.189	45%	0.085
Burrowing Spiders (average of 2 values)	0.544	10%	0.054
Weighted Average BAF			**0.19**

Note: bioaccumulation factor (BAF); Operable Unit 1 (OU-1)

The TEQ concentrations for OU-1 soil vary for Eco DU-1, Eco DU-2, Eco DU-3, and Parcel E, with the lowest TEQ in Eco DU-2 and Parcel E and the highest TEQ in Eco DU-1, as summarized below.

Exhibit 4-10d. TEQs By Area				
TEQ (ng/kg, ppt)	**95% UCL TEQ by Area**			
	Eco DU-1	**Eco DU-2**	**Eco DU-3**	**Parcel E**
Dioxin/Furan Bird TEQ	1,870	63	1034	120
Dioxin/Furan Mammal TEQ	1,110	28	527.6	75.7

Notes: Ecological Decision Unit (Eco DU); nanograms per kilogram (ng/kg); parts per trillion (ppt); toxicity equivalent quotient (TEQ); upper confidence limit of the mean (UCL)

These concentrations are in the range of the Young et al. (1987) and the Kay et al. (2005) studies. Based on the available information, including the range of BAFs calculated using the USEPA Eco-SSL (2007b) formulae and OU-1 organic carbon data, the BAF used for OU-1 is the weighted average BAF of 0.19. The uncertainty associated with the BAF is discussed in the uncertainty assessment.

4.5.2.4 Exposure Parameters

Exposure parameters including incidental soil ingestion rates, food ingestion rates, prey preferences (percent dietary composition), BW, and foraging range for terrestrial wildlife species were generally obtained from the USEPA's Wildlife Exposure Factors Handbook (USEPA 1993) and ORNL's Estimating Exposure of Terrestrial Wildlife to Contaminants (ORNL 1994). Alternate sources were used if the standard sources did not provide sufficient information. The source information for any exposure parameter used is provided in the Table 4-7a. The literature was reviewed for exposure factors specific to local or southwestern species where available (ORNL 1994).

Food ingestion rates were based on the receptor's average BW identified in the literature. Food items evaluated in the food web model include plants, soil invertebrates, and small mammals.

Receptor-specific food ingestion rates were used for each of the receptors listed in Section 4.5.1. Guidance documents (USEPA 1993, Sample et al. 1997, United States Army Center for Health Promotion and Preventive Medicine [USACHPPM] 2004) did not have receptor-specific food ingestion rates for burrowing owl, fringed myotis, raccoon, and great basin

pocket mouse. For these receptors, food ingestion rates were calculated using an allometric equation for either birds or mammals, as described in USEPA (1993), and converted from dry weight (dw) to ww as needed using the moisture content of the dietary items which ranged from 10% to 75%. The exposure parameters or inputs for the receptor-specific dietary exposure models are identified by species in Appendix H-2 for each receptor. A summary of wildlife food web input variables and receptor parameters is provided in Table 4-7a.

The AUFs account for site-specific exposure frequency and are applied when the foraging area of a wildlife receptor is larger than the area being assessed. AUFs account for mobile wildlife receptors obtaining at least a portion of their food outside the OU-1 Refined SLERA Area. An AUF of 1 indicates that a wildlife receptor would obtain 100% of their diet from an area. An AUF of less than 1 (e.g., 0.4), assumes that a wildlife receptor would obtain 40% of their diet from an area. Although the OU-1 Refined SLERA Area encompasses a relatively large area and might include the foraging area of some wildlife receptors, there are many wildlife receptors with foraging ranges substantially larger than this Area. The specific AUFs used for a given representative receptor for each of the five subareas included in the OU-1 Refined SLERA are provided in Appendix H and summarized in Table 4-7a. For example, the AUF for the kit fox for the OU-1 Refined SLERA Area Operations Area is set at 0.094094. According to Sample et al. (1997) the home range of the kit fox is approximately 1,120 hectares based on radiotelemetry data. The Operations Area is 259 acres (105 hectares), so the AUF is approximately 0.094094. The basis of each AUF considered in this OU-1 Refined SLERA is described in Appendix H, as appropriate. Species such as mice, robins, and shrews do not have variable AUFs because their home ranges are small compared to the spatial scale of the area included in this OU-1 Refined SLERA.

4.5.2.5 Calculation of Potential Doses

Food web ingestion-based modeling calculations were performed to characterize potential exposures to contaminants via the food web and to identify potential adverse effects for birds and mammals.

Appendix I provides food web model calculations including calculations of daily dose, as follows:

- Table I-1: Operations Area
- Table I-2: Eco DU-1
- Table I-3: Eco DU-2
- Table I-4: Eco DU-3
- Table I-5: Parcel E

Understanding potential effects to populations requires some consideration of the spatial scale of effects. The portion of the OU-1 Refined SLERA Area where constituent exposures may reasonably occur was conservatively estimated. Where birds and mammals have large home ranges, their exposure to constituents is lower than that for birds and mammals with smaller home ranges.

Through food web modeling, COPECs will either be retained or eliminated from further steps of the refined SLERA. As stated above, the food-web modeling starts from an initial set of extremely conservative assumptions (maximum EPC, 100% bioavailability, AUF of 1) and is

used to identify chemicals that require further consideration. The food web model was refined to incorporate more realistic, site-specific assumptions to better understand both the conservative and realistic scenarios using refined exposure estimates.

4.5.3 Effects Assessment for Food Web Pathways

The effects assessment for wildlife is based on TRVs that relate ingested daily dose to ecotoxicological endpoints. TRVs for wildlife are literature-derived doses, below which adverse effects are unlikely. NOAEL TRVs are indicative of doses of constituents that have no deleterious effects on a given wildlife receptor. LOAEL TRVs are the minimum doses of constituents where deleterious effects are only just becoming apparent. Both NOAEL and LOAEL TRVs were used in this OU-1 Refined SLERA because the NOAEL TRVs represent the reasonable worst-case measure of effect and the LOAEL TRVs provide a realistic measure of effect. This approach provides a basis for understanding potential effects to individual birds and mammals. The results for birds and mammals can also be used to estimate potential risk to reptiles considering the lack of TRVs available in the literature specific to reptiles.

The following literature sources were reviewed for TRVs to be used in the OU-1 Refined SLERA.

- USEPA. 2007d. Guidance for Developing Eco-SSLs. Attachment 4-5 Eco-SSL Standard Operating Procedure (SOP) #6: Derivation of Wildlife Toxicity Reference Value. Office of Solid Waste and Emergency Response (OSWER) Directive 9285.7-55. Revised June.
- USEPA Region 6. 1999. SLERA Protocol for Hazardous Waste Combustion Facilities. Volume One (EPA530-D-99-001A). August.
- Sample, B. E., D.M. Opresko, G. W. Suter II. 1996. Toxicological Benchmarks for Wildlife: 1996 Revision. Oak Ridge National Laboratory, Oak Ridge, TN. June 1996. ES/ER/TM-86/R3.
- USACHPPM. 2007. Wildlife Toxicity Assessment for Perchlorate (USACHPPM Document No. 87-MA02T6-05D). February.

The TRVs used in the food web model are provided in Table 4-7b and 4-7c. TRVs for dioxins and furans that are identified in Table 4-7b are based on bird and mammal TEQs, as described for birds and mammals below.

4.5.3.1 Bird Dioxin/Furan TEQ TRVs

The dietary TRVs used for the food web modeling for birds in this refined SLERA were derived from the Nosek et al. (1992a) pheasant study, as shown in Table 4-7b. These NOAEL and LOAEL TRVs are considered appropriately protective for use in this OU-1 Refined SLERA because there is a scientific basis and a regulatory precedent for use of this study by USEPA. The scientific basis and USEPA precedents are described as follows: Nosek et al. (1992a, 1992b, 1993) conducted several comprehensive toxicity studies of TCDD in the ring-necked pheasant. Nosek et al. (1992a, 1992b, 1993) measured egg production and hatchability following weekly exposure of hens via injection of TCDD into the abdominal cavity, at three concentrations for 10 weeks that included reproduction. Hens were dosed once per week for 10 weeks, with 10, 100, and 1,000 ng TCDD per kg adult BW kg adult body (wt^{-1}) per week (wk^{-1}). During weeks 9 and 10, the hens were bred to unexposed roosters. Eggs were collected from each hen and reared through hatching. All hens receiving 10 doses of 1,000 ng TCDD/kg adult body $wt^{-1} \cdot wk^{-1}$ (a cumulative dose of 10,000

ng/kg adult body wt^{-1}) died by the end of 24 weeks. BW and egg production in the high dose group declined, whereas BW and egg production increased in the other treatment groups. Embryo mortality was 100% in the eggs produced by hens in the high dose group and generally occurred within 72 hours of laying. Embryo mortality appeared to increase in a dose-dependent manner but was only significantly different from controls in the high dose group. The subacute NOAEL and LOAEL derived from this study were 100 and 1,000 ng TCDD·kg adult body wt^{-1}·wk^{-1}. Based on daily dietary exposure, the NOAEL and LOAEL are 14 and 140 ng TCDD·kg adult body wt^{-1} per day (d^{-1}) based on adult mortality, egg production, and embryo mortality.

The results of the same Nosek et al. (1992a) study have been used to develop TRVs in other studies, and they are therefore considered applicable for the OU-1 Refined SLERA. For example, Sample et al. (1996) used the NOAEL and LOAEL TRVs reported in Nosek et al. (1992a) as the basis for developing TCDD TRVs for numerous avian wildlife receptors. Sample et al. (1996) did not apply any uncertainty factors to the values reported by Nosek et al. (1992a) due to the sensitivity of measured endpoints, and uncertainty factors are therefore not applied in this OU-1 Refined SLERA. In addition, an interspecies uncertainty factor is not necessary because the pheasant is equally sensitive or more sensitive to TCDD induced effects than other avian species studied (e.g., Cohen-Barnhouse et al. 2011). The endpoints, egg laying, and egg hatchability measured in Nosek et al. (1992a) are of ecological relevance and likely the most sensitive endpoints for avian species; therefore, there is no endpoint extrapolation uncertainty factor.

USEPA (1995) selected the values reported in Nosek et al. (1992a) to develop a chronic water quality value for avian wildlife exposed to TCDD. USEPA (2001, 2000b) used the Nosek et al. (1992a) pheasant study to develop dietary exposure TRVs for the kingfisher, great blue heron, mallard, and bald eagle. Uncertainty factors used in that assessment were the same as those described above for USEPA (1995), with final chronic NOAEL and LOAEL TRVs of 1.4 and 14 ng TCDD·kg adult body wt^{-1}·d^{-1}, respectively.

4.5.3.2 Mammal Dioxin/Furan TEQ TRVs

The protective mammalian TRVs for this OU-1 Refined SLERA are based on the scientific literature: Murray et al. 1979; Moore et al. 2011; and Zwiernik et al. 2009. Specifically, the Murray et al. (1979) rat study was used for the evaluation of exposures and risks for the pocket mouse in this OU-1 Refined SLERA, shown in Table 4-7b. TRVs derived from studies on sensitive species, such as mink, were considered conservative and protective for the evaluation in this OU-1 Refined SLERA. While mink are not present in the OU-1 Refined SLERA Area due to the lack of available aquatic habitat, mink have been observed to be among the most sensitive mammalian species for which information on the effects of dioxins, furans, and related compounds is available. Therefore, use of mink TRVs for the desert shrew, raccoon, kit fox, and fringed myotis is considered a conservative evaluation of potential risks for these receptors. The studies considered for the OU-1 Refined SLERA TRVs are briefly described as follows:

- Murray et al. (1979) conducted a three-generation reproduction study in which Sprague-Dawley rats were exposed by diet to three doses of TCDD plus a control (0, 1, 10, and 100 ng·kg body wt^{-1}·d^{-1}) through a reproductive life stage. No adverse effects were observed at a dose level of 1 ng TCDD·kg body wt^{-1}·d^{-1}. At 10 ng TCDD·kg body wt^{-1}·d^{-1}, adverse effects were observed including a decrease in fertility, litter size, gestation survival, postnatal survival, and postnatal BW. This was

a multi-generational study that considered dietary exposure during reproduction, and the effect levels are lower than reproductive effect levels reported for other mammals. Hence, the 1 and 10 ng TCDD·kg body $wt^{-1}·d^{-1}$ doses were considered to be chronic NOAELs and LOAELs that are appropriately conservative for the range of sensitivity for mammals in terrestrial habitats.

- Blankenship (2008) identified dietary TRVs for mink exposed to TEQ that ranged from 12.1 to 56.6 ng TEQ·kg feed(ww)$^{-1}$ for the NOAEL and from 50.4 to 242 ng TEQ·kg feed(ww)$^{-1}$ for the LOAEL. The corresponding BW normalized doses for the high end of each of these ranges are 7.2 ng TEQ kg body wt^{-1} d^{-1} for NOAEL (Bursian et al. 2006a, b) and 31 ng TEQ kg body wt^{-1} d^{-1} for LOAEL (Zwiernik et al. 2009).
- The more recent and relevant laboratory feeding study conducted by Moore et al. (2011) evaluated reproductive and developmental effects of 2,3,7,8-TCDD, 2,3,7,8-tetrachlorodibenzofuran (TCDF) and 2,3,4,7,8-pentachlorosibenzo-p-furan (PeCDF). The design of the feeding study followed the WHO's recommendations for exposure studies investigating the relative potency of dioxin-like compounds (Van den Berg et al. 1998; Van den Berg et al. 2006). Mink exposure occurred over an entire reproductive cycle as part of the daily diet for 117 female mink and their offspring. The study included four doses each for three treatments: two individual furan congener treatments (TCDF and PeCDF) and a single dioxin treatment (TCDD). The lower doses bracketed environmentally relevant concentrations, while the highest dose-level for each congener (TCDD=8.4 ng, PeCDF=15 ng, and TCDF=25 ng TEQ/kg body $wt^{-1}·d^{-1}$) was significantly greater than median predicted environmental exposures for dioxin-contaminated sites. Based on TEF-normalized PCB and PCB mixture feeding studies, this was expected to elicit complete reproductive failure. Measurement endpoints included adult survival, adult breeding success, whelping success, kit survival, nutritional status, feed consumption, gross morphology attributes including organ masses and physical abnormalities, induction and activity of cytochrome P450 xenobiotic metabolizing enzymes (enzyme induction, protein concentrations, and gene expression related to cytochrome P450), liver and jaw histology, and kit health measurements including birth mass, survival, and growth. TCDD, PeCDF, or TCDF at the greatest doses employed did not result in complete reproductive failure. In fact, the greatest dose did not elicit a statistically significant response for any of the measurement endpoints associated with reproduction or survival. Therefore, congener-specific NOAELs derived from the Moore et al. (2011) study are applied as NOAELs in this OU-1 Refined SLERA (8.4 ng TCDD TEQ, 15 PeCDF ng TEQ, and 25 TCDF ng TEQ kg body $wt^{-1}·d^{-1}$). The LOAEL of 31 ng TEQ kg body $wt^{-1}·d^{-1}$ from Zwiernik et al. (2009) is also applied but considered conservative due to the presence of co-contaminants.
- There is a wide range of species sensitivities to PCDDs, PCDFs, and other AhR-active chemicals (Gasiewicz et al. 1991). Thus, the less related the test species is compared to the receptor of concern, the more uncertainty is associated with the TRV. Very few studies have evaluated ecologically relevant endpoints after chronic exposure of dioxins and furans to mammals. Given that limitation, studies that included ecologically relevant endpoints such as effects on reproductive and developmental toxicity as well as reduced survival were relied upon whenever possible.

4.6 Refined Risk Calculations for Food Web Pathways

Predictions of the likelihood for adverse effects, if any, for the food web modeling studies was based on HQs (USEPA 1997):

$$HQ = \frac{TDD}{TRV}$$

Where:

TDD = Total daily dose

TRV = NOAEL and LOAEL TRVs

The food web model for the OU-1 Refined SLERA presents a matrix of risk assessment results (i.e., HQs) in terms of the NOAEL HQs and LOAEL HQs for each of the bird and mammal wildlife receptors as follows in Exhibit 4-11:

Exhibit 4-11. Food Web Model Risk Estimates (HQs) for Birds and Mammals Are Calculated for the Following Exposure Scenarios

Birds and Mammals	NOAEL			LOAEL		
	Maximum	Average	UCL	Maximum	Average	UCL
Cooper's Hawk	✓	✓	✓	✓	✓	✓
Kit Fox	✓	✓	✓	✓	✓	✓
Burrowing Owl	✓	✓	✓	✓	✓	✓
Desert Shrew	✓	✓	✓	✓	✓	✓
Fringed Myotis Bat	✓	✓	✓	✓	✓	✓
Raccoon	✓	✓	✓	✓	✓	✓
Mourning Dove	✓	✓	✓	✓	✓	✓
Great Basin Pocket Mouse	✓	✓	✓	✓	✓	✓

Notes:
✓ Reflects the most conservative of any risk estimate (or HQ), likely not realistic because wildlife is not continuously exposed to maximum concentrations.
✓ Reflects varying degrees of conservative risk estimates depending on the EPC (maximum or central tendency), the dataset used (all data or the refined dataset excluding data points from soils under asphalt and pavement), and the toxicity reference value (reflecting "no observable adverse effect" or the "lowest observable adverse effect").
✓ Reflects the risk estimates (i.e., HQs) that are the most informative as to whether or not potential "lowest observable adverse effects" are likely to be observed for one or more of all of the birds and mammals evaluated.
*Exposure point concentration (EPC); hazard quotient (HQ); lowest observed adverse effect level (LOAEL); n*o observed adverse effect level *(NOAEL); upper confidence level of the mean (UCL)*

The ecological significance of risk must consider the available information, such as wildlife use of the environment, the spatial extent of the release, the persistence of the release (i.e., the temporal scale), and natural variability within the system (and whether impacts can be measured separate from natural variability). The spatial scale of the risk is considered relative to the extent of the actual wildlife populations, the number of organisms within the population that may be impacted, the correlation between stressor and response as indicated by the TRV, the scientific basis for judging environmental harm, the receptor

specificity of available data and how that relates to a study area, and the representativeness of exposure and effects data sets (spatial, temporal, and quantitative) (Barnthouse et al. 2008, USEPA 1997, USEPA 1994, Menzie et al. 1996).

4.6.1 Risk Characterization for the Food Web Pathways

The risk characterization for the food web pathways involves the integration of the exposure assessment and effects assessment to evaluate the likelihood, severity, and spatial distribution of predicted or observed effects. For the food web pathways, this is an HQ that compares the TDI and TRV, where an HQ that is less than or equal to a threshold value of 1 indicates that adverse impacts to bird and mammal populations via the food web is unlikely.

The food web model HQs for each of the representative species identified in Section 4.5.1 is provided in Appendix I, Tables I-1 through I-5, for each of the five spatial units.

The information provided in Appendix I is summarized into a series of tables that provide the wildlife food web model HQ for each of the birds and mammals, as follows:

- Food web model maximum HQ summaries are provided on Tables 4-8a to 4-8e for each of the five spatial units included in this OU-1 Refined SLERA.
- Food web model AVG and UCL HQ summaries are provided on Tables 4-9a through 4-9e for each of the five spatial units.
- Food web model UCL HQ summaries are provided on Tables 4-10a through 4-10e for each of the five spatial units.

4.6.2 Food Web Risk Characterization Results

The wildlife food web model HQ summaries for each of the birds and mammals are shown on Tables 4-8a through 4-10e, as follows:

- Maximum HQ Summaries using NOAEL and LOAEL TRVs
- AVG and 95% UCL HQ Summaries using NOAEL and LOAEL TRVs
- UCL HQ Summaries using LOAEL TRVs

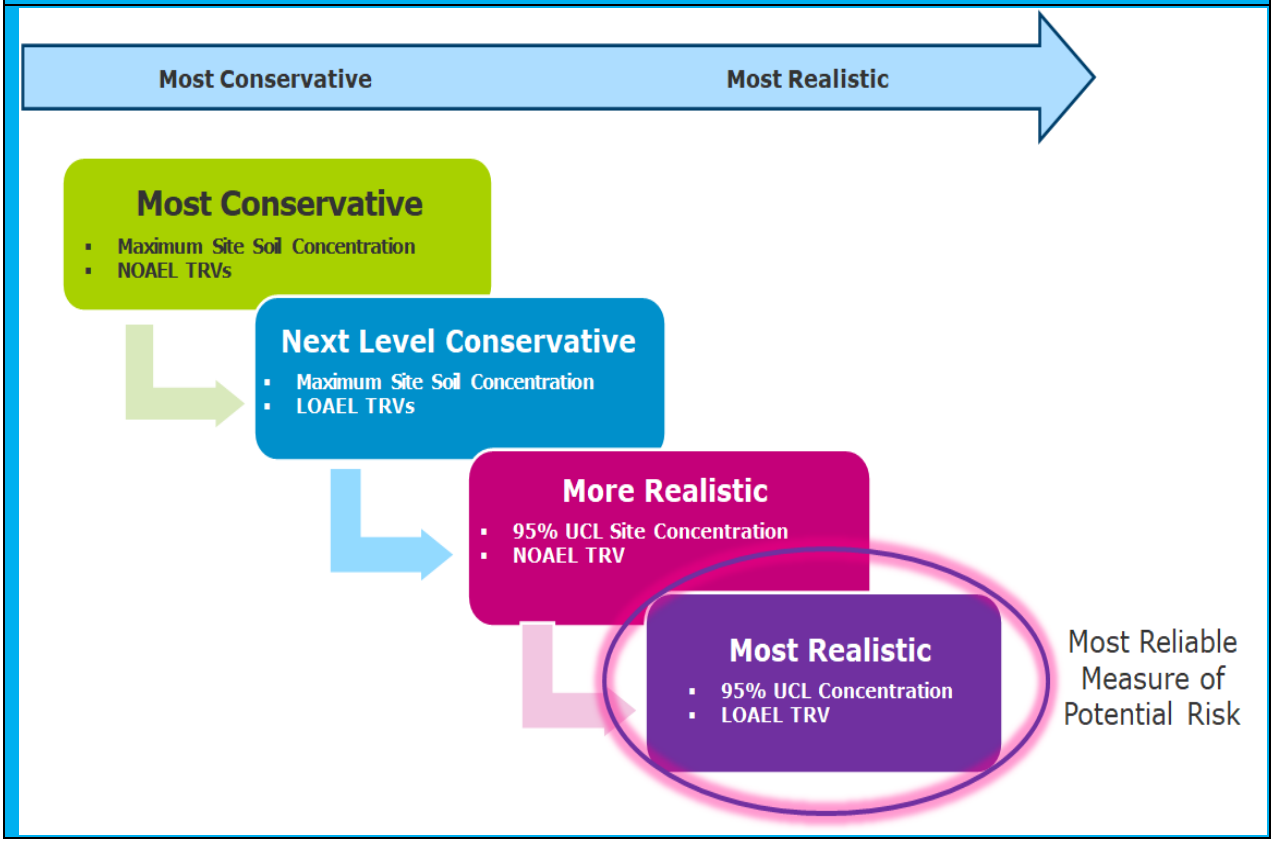
Each of the above are provided for each of the five spatial units:

- Operations Area Food Web Model HQ Summaries (Tables 4-8a, 4-9a, 4-10a)
- Eco DU-1 Food Web Model HQ Summaries (Tables 4-8b, 4-9b, 4-10b)
- Eco DU-2 Food Web Model HQ Summaries (Tables 4-8c, 4-9c, 4-10c)
- Eco DU-3 Food Web Model HQ Summaries (Tables 4-8d, 4-9d, 4-10d)
- Parcel E Food Web Model HQ Summaries (Tables 4-8e, 4-9e, 4-10e)

A summary of UCL and LOAEL HQs for all receptors and all areas is provided in Table 4-10f (i.e., this table provides the summary of UCL LOAEL HQ information from Tables 4-10a through 4-10e for the Operations Area, Eco DU-1, Eco DU-2, Eco DU-3, and Parcel E). This table with all receptors and areas of focus allows a rapid comparison and understanding of the chemicals, receptors, and areas with the greatest risk potential.

The refined SLERA is conducted in a stepwise fashion starting with the most conservative input values and proceeding to a realistic evaluation of potential risk as follows:

Exhibit 4-12. Stepwise Evaluation Used in Refined SLERA



Notes: lowest observed adverse effect level (LOAEL); no observed adverse effect level (NOAEL); toxicity reference value (TRV); upper confidence level (UCL) of the mean.

Each of these steps are summarized as follows:

- **Most Conservative:** This is the first step in the evaluation of potential risk where the most conservative values are used to calculate HQs using the maximum soil concentrations (maximum EPCs) within the OU-1 Refined SLERA Area compared to highly conservative NOAEL TRVs. The most conservative step also assumes that wildlife spends 100% of their time within the OU-1 Refined SLERA Area which is indicated by an AUF set to 1.
- **Next Level Conservative:** This is the next level of conservative evaluation of potential risk where HQs are calculated using the maximum soil concentrations compared to LOAEL TRVs. The results are presented considering AUFs equal to 1 and species-specific AUFs (AUFs less than or equal to 1 depending on the species).
- **More Realistic:** This third level of evaluation represents a more realistic evaluation of potential risks to wildlife within the OU-1 Refined SLERA Area where HQs are calculated using the 95% UCL soil concentrations (95% UCL EPCs) compared to NOAEL TRVs and AUFs equal to 1.

- **Most Realistic:** The final level of evaluation reports HQs using the most realistic values contained in the food web model. This includes the 95% UCL soil concentrations compared to LOAEL TRVs and species-specific AUFs.

Note that HQ calculations are provided for each species with an AUF of 1 (meaning the bird or mammal spends 100% of the lifetime within the OU-1 Refined SLERA Area) as noted in the tables and appendices referenced. For the summary of chemicals with HQs exceeding 1 discussed in the risk characterization and risk summary, the HQs reflect the more realistic AUFs for larger home range species (i.e., Cooper's hawk, kit fox, burrowing owl, fringed myotis, raccoon, and mourning dove).

4.6.2.1 Risk Characterization for Birds and Mammals: Operations Area

Most Conservative: Operations Area HQs using Maximum EPCs, NOAEL TRVs, and AUFs equal to 1.

The food web model results for the Operations Area using the most conservative input values are provided in Table 4-8a (MAX/NOAEL column). A summary of the results indicate that the maximum EPC/NOAEL HQs exceed the threshold value of 1 for at least one receptor for 14 of the 16 chemicals included in the food web model. HQs for mercury and octachlorostyrene were below 1 for each species evaluated.

Next Level Conservative: Operations Area HQs using Maximum EPCs, LOAEL TRVs, with and without species specific AUFs.

The food web model results for the Operations Area using the next level conservative input values are provided in Table 4-8a (MAX/LOAEL column). A summary of the results indicate that the maximum EPC/LOAEL HQs exceed the threshold value of 1 for 77 of the 166 chemicals included in the food web model. HQs for antimony, boron, mercury, vanadium, 4,4'-DDT, beta-BHC, total PCBs, PCB TEQs (mammal and avian), and octachlorostyrene were less than or equal to 1 for each species evaluated.

Chemicals with LOAEL HQs exceeding the threshold value of 1 include perchlorate, dioxins/furans TEQs (mammal and avian), lead, manganese, 4,4'-DDE, DDx, and hexachlorobenzene (HCB). These results apply regardless of whether the species-specific AUF or the AUF of 1 is used.

More Realistic: Operations Area HQs are calculated using the 95% UCL EPCs, NOAEL TRVs, and AUFs equal to 1.

The food web model results for the Operations Area using more realistic input values are provided in Table 4-9a (UCL/NOAEL column). A summary of the results indicate that the 95% UCL/NOAEL HQs exceed the threshold value of 1 for 66 of the 16 chemicals included in the food web model.

Chemicals with 95% UCL/NOAEL HQs exceeding the threshold value of 1 include:

- American robin, desert shrew, and fringed myotis exposed to perchlorate (HQs ranging from 4 to 6).
- American robin, burrowing owl, desert shrew, fringed myotis, and raccoon exposed to dioxins/furans (HQs ranging from 2 to 10).
- Desert shrew and pocket mouse exposed to manganese (HQs of 4 and 2, respectively).

- Cooper's hawk, kit fox, burrowing owl, desert shrew, and fringed myotis exposed to 4,4'-DDE (HQs ranging from 2 to 10).
- Desert shrew and fringed myotis exposed to DDx (HQs=2.)
- American robin exposed to HCB (HQ=4).

Most Realistic: Operations Area HQs are calculated using the 95% UCL EPCs, LOAEL TRVs, with and without species-specific AUFs.

The food web model results for the Operations Area using the most realistic input values are provided in Table 4-10a (UCL/LOAEL column) and summarized below for the receptors where HQs exceed the threshold value of 1. A summary of the results indicate that the 95% UCL/LOAEL HQs exceed the threshold value of 1 for 3 of the 168 chemicals included in the food web model using an AUF=1, as indicated in Exhibit 4-13 below. HQs were less than or equal to 1 for 133 chemicals. Using AUFs=1, HQs exceed 1 for the American robin exposed to perchlorate (HQ=2); for the desert shrew and fringed myotis exposed to dioxins/furans (HQs=4); and for the kit fox exposed to 4,4'-DDE (HQ=2). However, taking into consideration the species-specific AUFs, the HQs for the kit fox exposed to 4,4'-DDE and the fringed myotis exposed to dioxins/furans are below the threshold value of 1. As such, potential risks to the kit fox and fringed myotis are unlikely but risks to the desert shrew from exposure to dioxins/furans and to the American robin from exposure to perchlorate cannot be ruled out.

Exhibit 4-13. Food Web Model HQs for Operations Area

Chemical	Operations Area - Most Realistic Scenario HQ greater than 1	
	UCL/LOAEL/species-specific AUF HQs	
	Desert Shrew	American Robin
Perchlorate	1	2
Dioxins/Furans	4	1

Notes:
Area Use Factor (AUF); upper confidence limit of the mean (UCL); lowest observed adverse effect level (LOAEL); hazard quotient (HQ).

The HQ is between 2 and 10

4.6.2.2 Risk Characterization for Birds and Mammals: Eco DU-1

Most Conservative: Eco DU-1 HQs using Maximum EPCs, NOAEL TRVs, and AUFs equal to 1.

The food web model results for Eco DU-1 using the most conservative input values are provided in Table 4-8b (MAX/NOAEL column). A summary of the results indicate that the maximum EPC/NOAEL HQs exceed the threshold value of 1 for 144 of the 166 chemicals included in the food web model. HQs for mercury and octachlorostyrene were below 1 for each species evaluated.

Next Level Conservative: Eco DU-1 HQs using Maximum EPCs, LOAEL TRVs, with and without species specific AUFs.

The food web model results for Eco DU-1 using the next level conservative input values are provided in Table 4-8b (MAX/LOAEL column). A summary of the results indicate that the maximum EPC/LOAEL HQs exceed the threshold value of 1 for 7 of the 166 chemicals included in the food web model. HQs for antimony, boron, mercury, vanadium, 4,4'-DDT, beta-BHC, total PCBs, PCB TEQs (mammal and avian), and octachlorostyrene were less than or equal to 1 for each species evaluated.

Chemicals with LOAEL HQs exceeding the threshold value of 1 include perchlorate, dioxin/furan TEQs (mammal and avian), lead, manganese, 4,4'-DDE, DDx, and HCB. These results apply regardless of whether the species-specific AUF or the AUF of 1 is used.

More Realistic: Eco DU-1 HQs are calculated using the 95% UCL EPCs, NOAEL TRVs, and AUFs equal to 1.

The food web model results for Eco DU-1 using more realistic input values are provided in Table 4-9b (UCL/NOAEL column). A summary of the results indicate that the 95% UCL/NOAEL HQs exceed the threshold value of 1 for 66 of the 166 chemicals included in the food web model.

Chemicals with 95% UCL/NOAEL HQs exceeding the threshold value of 1 include:

- American robin, desert shrew, and fringed myotis exposed to perchlorate (HQs ranging from 4 to 6).
- American robin, burrowing owl, desert shrew, fringed myotis, and raccoon exposed to dioxins/furans (HQs ranging from 3 to 20).
- Desert shrew and pocket mouse exposed to manganese (HQs of 4 and 2, respectively).
- Cooper's hawk, kit fox, burrowing owl, desert shrew, and fringed myotis exposed to 4,4'-DDE (HQs ranging from 2 to 10).
- Desert shrew and fringed myotis exposed to DDx (HQs=2).
- American robin and burrowing owl exposed to HCB (HQs of 4 and 2, respectively).

Most Realistic: Eco DU-1 HQs are calculated using the 95% UCL EPCs and LOAEL TRVs, with and without species-specific AUFs.

The food web model results for Eco DU-1 using the most realistic input values are provided in Table 4-10b (UCL/LOAEL column) and summarized below for the receptors where HQs exceed the threshold value of 1. A summary of the results indicate that the 95% UCL/LOAEL HQs exceed the threshold value of 1 for 3 of the 16 chemicals included in the

food web model using an AUF=1. HQs were less than or equal to 1 for 13 of the 16 chemicals. HQs exceed 1 for the American robin exposed to perchlorate (HQ=2); the desert shrew (HQ=5); the fringed myotis (HQ=5); the American robin (HQ=2) exposed to dioxins/furans; and for the kit fox exposed to 4,4'-DDE (HQ=2), as indicated in Exhibit 4-14a below. However, taking into consideration the species-specific AUFs, the HQs for the kit fox exposed to 4,4'-DDE and the fringed myotis exposed to dioxins/furans are below the threshold value of 1. As such, and similar to the results for the Operations Area, the potential risks to the desert shrew from exposure to dioxins/furans and to the American robin from exposure to perchlorate cannot be ruled out; however, there is also potential risk to American robin from exposure to dioxins/furans (HQ=2) in Eco DU-2, whereas in the Operations Area the perchlorate HQ was equal to 1.

Exhibit 4-14a. Food Web Model Results Eco DU-1

Chemical	Eco DU-1 - Most Realistic Scenario HQ Greater than 1	
	UCL/LOAEL/species-specific AUF HQs	
	Desert Shrew	American Robin
Perchlorate	1	2
Dioxins/Furans	5	2

Notes:
Area Use Factor (AUF); ecological decision unit (Eco DU); upper confidence limit of the mean (UCL); lowest observed adverse effect level (LOAEL); hazard quotient (HQ).

The HQ is between 2 and 10.

4.6.2.3 Risk Characterization for Birds and Mammals: Eco DU-2

This section provides a summary of the results from the food web modeling for Eco DU-2.

Most Conservative: Eco DU-2 HQs using Maximum EPCs, NOAEL TRVs, and AUFs equal to 1.

The food web model results for Eco DU-2 using the most conservative input values are provided in Table 4-8c (MAX/NOAEL column). A summary of the results indicate that the maximum EPC/NOAEL HQs exceed the threshold value of 1 for 66 of the 100 chemicals included in the food web model for Eco DU-2. HQs for perchlorate, boron, cadmium, and beta-BHC were equal to or below the threshold value of 1.

Next Level Conservative: Eco DU-2 HQs using Maximum EPCs and LOAEL TRVs, with and without species specific AUFs.

The food web model results for Eco DU-2 using the next level conservative input values are provided in Table 4-8c (MAX/LOAEL column). A summary of the results indicates that the maximum EPC/LOAEL HQs using AUFs=1 exceed the threshold value of 1 for 2 of the 100 chemicals included in the food web model. HQs for 4,4'-DDE exceeds the threshold value of 1 for four of the species evaluated (Cooper's hawk, kit fox, desert shrew, and fringed myotis), and the HQ for DDx exceeds the threshold value of 1 for three species evaluated (kit fox, desert shrew, and fringed myotis). However, when taking the species-specific AUFs into account, the HQs for the Cooper hawk, kit fox, fringed myotis exposed to 4,4'-DDE, and kit fox and fringed myotis exposed to DDx are below the threshold value of 1. Potential risks to the desert shrew from exposure to 4,4'-DDE and DDx (HQs=3) cannot be ruled out.

More Realistic: Eco DU2 HQs are calculated using the 95% UCL EPCs, NOAEL TRVs, and AUFs equal to 1.

The food web model results for Eco DU-2 using more realistic input values are provided in Table 4-9c (UCL/NOAEL column). A summary of the results indicate that the 95% UCL/NOAEL HQs exceed the threshold value of 1 for 3 of the 100 chemicals included in the food web model. Chemicals with 95% UCL/NOAEL HQs exceeding the threshold value of 1 include:

- Desert shrew and fringed myotis exposed to antimony (HQs of 2).
- Cooper's hawk, kit fox, burrowing owl, desert shrew, and fringed myotis exposed to 4,4'-DDE (HQs ranging from 3 to 10).
- Cooper's hawk, kit fox, burrowing owl, American robin, desert shrew, and fringed myotis exposed to DDx (HQs ranging from 2 to 3).

Most Realistic: Eco DU-2 HQs are calculated using the 95% UCL EPCs and LOAEL TRVs, with and without species-specific AUFs.

The food web model results for Eco DU-2 using the most realistic input values are provided in Table 4-10c (UCL/LOAEL column). A summary of the results indicate that the 95% UCL/LOAEL HQs exceed the threshold value of 1 for 1 of the 100 chemicals included in the food web model using an AUF=1. HQs exceed 1 for the kit fox exposed to 4,4'-DDE (HQ=2). However, taking into consideration the species-specific AUF, the HQ for the kit fox exposed to 4,4'-DDE is below the threshold value of 1. As such, potential risks of ecological receptors within Eco DU-2 are *de minimis* as all 95% UCL/LOAEL HQs using species specific AUFs are below the threshold value of 1.

4.6.2.4 Risk Characterization for Birds and Mammals: Eco DU-3

This section provides a summary of the results from the food web modeling for Eco DU-3.

Most Conservative: Eco DU-3 HQs using Maximum EPCs, NOAEL TRVs, and AUFs equal to 1.

The food web model results for Eco DU-3 using the most conservative input values are provided in Table 4-8d (MAX/NOAEL column). A summary of the results indicate that the maximum EPC/NOAEL HQs exceed the threshold value of 1 for 44 of the 88 chemicals included in the food web model for Eco DU-2. HQs for 4,4'-DDT, DDx, beta-BHC, and octachlorostyrene were equal to or below the threshold value of 1. HQs for perchlorate, dioxins/furans TEQs (birds and mammals), 4,4'-DDE, and HCB exceeded the value of 1.

Next Level Conservative: Eco DU-3 HQs using Maximum EPCs and LOAEL TRVs, with and without species specific AUFs.

The food web model results for Eco DU-3 using the next level conservative input values are provided in Table 4-8d (MAX/LOAEL column). A summary of the results indicate that the maximum EPC/LOAEL HQs exceed the threshold value of 1 for 22 of the 88 chemicals included in the food web model. HQs for perchlorate exceed the threshold value of 1 for 6 of the species evaluated and dioxins/furans exceed the threshold value of 1 for 3 of the species evaluated. When taking the species-specific AUFs into account, only perchlorate and dioxin/furan HQs exceed 1 for the American robin and desert shrew.

More Realistic: Eco DU-3 HQs are calculated using the 95% UCL EPCs, NOAEL TRVs, and AUFs equal to 1.

The food web model results for Eco DU-3 using more realistic input values are provided in Table 4-9d (UCL/NOAEL column). A summary of the results indicate that the 95% UCL/NOAEL HQs exceed the threshold value of 1 for 44 of the 88 chemicals included in the food web model.

Chemicals with 95% UCL/NOAEL HQs exceeding the threshold value of 1 include:

- Kit fox, burrowing owl, American robin, desert shrew, fringed myotis, raccoon, and pocket mouse exposed to perchlorate (HQs ranging from 2 to 20).
- American robin, burrowing owl, desert shrew, and fringed myotis exposed to dioxins/furans (HQs ranging from 3 to 9).
- Cooper's hawk, kit fox, burrowing owl, and desert shrew exposed to 4,4'-DDE (HQs ranging from 2 to 5).
- American robin exposed to HCB (HQ=4).

Most Realistic: Eco DU-3 HQs are calculated using the 95% UCL EPCs, LOAEL TRVs, with and without species-specific AUFs.

The food web model results for Eco DU-3 using the most realistic input values are provided in Table 4-10d (UCL/LOAEL column) and summarized below for the receptors where HQs exceed the threshold value of 1. A summary of the results indicate that the 95% UCL/LOAEL HQs exceed the threshold value of 1 for 2 of the 8 chemicals included in the food web model. HQs exceed 1 for the burrowing owl, American robin, desert shrew, and fringed myotis exposed to perchlorate (HQs ranging from 2 to 7) and desert shrew and fringed myotis exposed to dioxins/furans (HQ=2), as indicated in Exhibit 4-14b below. However, taking into consideration the species-specific AUFs, the HQs for the fringed myotis exposed to perchlorate and dioxins/furans and the HQs for the burrowing owl exposed to perchlorate are below the threshold value of 1. The HQs for the American robin and desert shrew exposed to perchlorate and the desert shrew exposed to dioxins/furans have HQs greater than 1. As such, the potential risks to the desert shrew from exposure to dioxins/furans and to the American robin and desert shrew from exposure to perchlorate cannot be ruled out.

Exhibit 4-14b. Food Web Model Results Eco DU-3

Chemical	Eco DU-3 – Most Realistic Scenario HQ greater than 1 (UCL/LOAEL/AUF ≤ 1 HQ)	
	Desert Shrew	American Robin
Perchlorate	4	7
Dioxins/Furans	2	0.9

Notes:
Area Use Factor (AUF); ecological decision unit (Eco DU); upper confidence limit of the mean (UCL); lowest observed adverse effect level (LOAEL); hazard quotient (HQ)

The HQ is between 2 and 10.

4.6.2.5 Risk Characterization for Birds and Mammals: Parcel E

This section provides a summary of the results from the food web modeling for Parcel E.

Most Conservative: Parcel E HQs using Maximum EPCs, NOAEL TRVs, and AUFs equal to 1

The food web model results for Parcel E using the most conservative input values are provided in Table 4-8e (MAX/NOAEL column). A summary of the results indicate that the maximum EPC/NOAEL HQs exceed the threshold value of 1 only for dioxin/furan mammal and bird TEQs (HQs=2). HQs for perchlorate, boron and beta-BHC were below the threshold value of 1.

Next Level Conservative: Parcel E HQs using Maximum EPCs, LOAEL TRVs, with and without species-specific AUFs.

The food web model results for Parcel E using the next level conservative input values are provided in Table 4-8e (MAX/LOAEL column). A summary of the results indicate that the maximum EPC/LOAEL HQs are below the threshold value of 1 for each chemical/receptor combination regardless of whether the AUF is set at 1 or the species-specific AUF is used.

More Realistic: Parcel E HQs are calculated using the 95% UCL EPCs, NOAEL TRVs, and AUFs equal to 1.

The food web model results for Parcel E using more realistic input values are provided in Table 4-9e (UCL/NOAEL column). A summary of the results indicate that the 95% UCL/NOAEL HQs are 1 or below the threshold value of 1 for each chemical/receptor combination regardless of whether the AUF is set at 1 or the species-specific AUF is used.

Most Realistic: Parcel E HQs are calculated using the 95% UCL EPCs, LOAEL TRVs, with and without species-specific AUFs.

The food web model results for Parcel E using the most realistic input values are provided in Table 4-10e (UCL/LOAEL column). A summary of the results indicate that the 95% UCL/LOAEL HQs are below the threshold value of 1 for each chemical/receptor combination regardless of whether the AUF is set at 1 or the species-specific AUF is used.

4.6.2.6 Risk Summary for All OU-1 Refined SLERA Area Spatial Units

Overall, the food web modeling for birds and mammals indicates that most of the bioaccumulative chemicals detected in soil from within the OU-1 Refined SLERA Area are not present at concentrations that would pose an unacceptable risk to bird and mammal populations, as the NOAEL and LOAEL HQs are less than 1.

However, there were chemicals identified as constituents (or mixtures) that may pose potential unacceptable risks to birds and mammals within the OU-1 Refined SLERA Area, based on HQs developed using NOAEL and LOAEL TRVs, with the following caveats:

- NOAEL HQs greater than 1 indicate that adverse impacts cannot be definitively ruled out, but NOAELs by definition indicate "no effect" even for individual birds or mammals. So, exceeding a NOAEL HQ of 1 does not alone indicate that adverse impacts are likely to occur.
- LOAEL HQs greater than 1 could indicate that adverse impacts may be observable if conditions in the food web model accurately reflect exposures that occur to wildlife in the OU-1 Refined SLERA Area.

- At this time, the OU-1 Refined SLERA Area has little ecological habitat, so limited, if any, potential harm to wildlife occurs based on the current conditions in this area. Furthermore, the HQs are influenced by the uptake of chemicals into dietary items, which may be overestimated given the current habitat present in the OU-1 Refined SLERA Area. Uptake is often biased toward higher exposure in a SLERA. As such, it is not definitive that wildlife within the OU-1 Refined SLERA Area are exposed to constituents as high as may have been included in the model.

The summary below for each spatial unit includes the chemicals of interest and the results based on the realistic HQs, with the LOAEL as the most indicative of potential adverse impact and NOAELs for consideration but not as pertinent as the LOAEL HQs:

Operations Area:

- Perchlorate: The 95% UCL NOAEL HQs without using species-specific AUFs exceed a value of 1 for the desert shrew, fringed myotis, and American robin. The 95% UCL LOAEL HQ using a species-specific AUF for the American robin and desert shrew are 2 and 1, respectively. LOAEL HQs considering species-specific AUFs were less than or equal to 1 for the other species evaluated.
- Manganese: The 95% UCL NOAEL HQ without using species-specific AUFs is 4 for the desert shrew and 2 for the pocket mouse. The NOAEL and LOAEL HQs were less than 1 for the other four bird and three mammal species evaluated. The 95% UCL LOAEL HQs using species-specific AUFs are equal to or below 1 for each receptor included in the food web model.
- Dioxin/furan TEQ for mammals: the 95% UCL LOAEL HQ using a species-specific AUF is 4 for the desert shrew. The 95% UCL NOAEL HQ without species-specific AUFs is 10 for the desert shrew and fringed myotis and 2 for the raccoon. The 95% UCL NOAEL and 95% UCL LOAEL HQs (with and without species-specific AUFs) were below 1 for the other mammals evaluated.
- Dioxin/furan TEQ for birds: the 95% UCL LOAEL HQ using a species-specific AUF is 1 for the American robin. The 95% UCL NOAEL HQ without species-specific AUFs is 10 for the American robin and 5 for the burrowing owl. The 95% UCL NOAEL HQs (with and without species-specific AUFs) were less than 1 for the other two bird species evaluated.
- Other chemicals: 95% UCL NOAEL HQs without species-specific AUFs exceeded 1 for 4,4'-DDE, DDx, and HCB for several receptors but each of the 95% UCL LOAELs using species-specific AUFs for these constituents were below 1 for each receptor where NOAEL HQs exceeded 1.

Eco DU-1:

- Perchlorate: the 95% UCL LOAEL HQ using a species-specific AUF for the American robin is 2. 95% UCL LOAEL HQs were less than or equal to 1 for the other species evaluated. The 95% UCL NOAEL HQs without using species-specific AUFs exceed a value of 1 for the desert shrew, fringed myotis, and American robin.
- Manganese: the 95% UCL LOAEL HQ using species-specific AUFs is equal to or below 1 for each receptor included in the food web model. The 95% UCL NOAEL HQ without using species-specific AUFs is 4 for the desert shrew and 2 for the pocket

mouse. The 95% UCL NOAEL and LOAEL HQs (with and without species-specific AUFs) were less than or equal to 1 for the other 4 bird and 3 mammal species evaluated.

- Dioxin/furan TEQ for mammals: the 95% UCL LOAEL HQ using a species-specific AUF is 5 for the desert shrew. The 95% UCL NOAEL HQ without species-specific AUFs is 20 for the desert shrew and fringed myotis and 3 for the raccoon. The 95% UCL NOAEL and 95% UCL LOAEL HQs (with and without species-specific AUFs) were less than or equal to 1 for the other mammals evaluated.
- Dioxin/furan TEQ for birds: the 95% UCL LOAEL HQ using a species-specific AUF is 2 for the American robin. The 95% UCL NOAEL HQ without species-specific AUFs is 20 for the American robin and 6 for the burrowing owl. The 95% UCL NOAEL HQs (with and without species-specific AUFs) were less than 1 for the other 2 bird species evaluated.
- Other chemicals: 95% UCL NOAEL HQs without species-specific AUFs exceeded 1 for 4,4'-DDE, DDx, and HCB for several receptors but each of the 95% UCL LOAELs using species-specific AUFs for these constituents were below 1 for each receptor where NOAEL HQs exceeded 1.

Eco DU-2:

- Antimony: 95% UCL LOAEL HQs using a species-specific AUF for antimony were below 1 for each of the nine receptors. 95% UCL NOAEL HQs without species-specific AUFs for antimony were 2 for the desert shrew and the fringed myotis.
- 4,4'-DDE: DDE was identified based on 95% UCL NOAELs without species-specific AUFs, with HQs greater than 1 for the Cooper's hawk, burrowing owl, kit fox, fringed myotis, and desert shrew, but were less than or equal to 1 when considering UCL LOAEL HQs and species-specific AUFs for all receptors.
- DDx was identified based on 95% UCL NOAELs without species-specific AUFs, with HQs greater than 1 for the Cooper's hawk, kit fox, burrowing owl, American robin, desert shrew, and fringed myotis, but was less than 1 for all receptors when considering UCL LOAEL HQs.

Eco DU-3:

- Perchlorate: the 95% UCL LOAEL HQs using a species-specific AUF for the American robin is 7, and for the desert shrew is 4. The 95% UCL NOAEL HQs without species-specific AUFs exceed a value of 1 for the seven of nine receptors. The 95% UCL NOAEL HQs are less than or equal to 1 for the Cooper's hawk, kit fox, burrowing owl, fringed myotis, raccoon, and the mourning dove using species-specific AUFs.
- Dioxin/furan TEQ for mammals: the 95% UCL LOAEL HQs are below 1 for all mammals except the desert shrew (HQ=2) using species-specific AUFs. The NOAEL HQs without species-specific AUFs were less than or equal to 1 for all mammal species except the desert shrew and fringed myotis (HQs=8).
- Dioxin/furan TEQ for birds: the 95% UCL LOAEL HQs using a species-specific AUF do not exceed 1 for any bird species evaluated. The 95% UCL NOAEL HQ without species-specific AUFs for the burrowing owl is 3 and for the American robin is 9. The UCL NOAEL HQ is less than 1 for the burrowing owl when the species-specific AUF is

considered. The American robin has a home range smaller than or equivalent to the OU-1 Refined SLERA Area so using an AUF of 1 or a species-specific AUF does not influence the results.

- 4,4'-DDE was identified based on 95% UCL NOAELs without species-specific AUFs, with HQs greater than 1 for the desert shrew, burrowing owl, kit fox, and the Cooper's hawk; however, all 95% UCL NOAELs using a species-specific AUF were below an HQ of 1 except for desert shrew (HQ=2).
- HCB was identified based on 95% UCL NOAELs without species-specific AUFs, with HQs greater than 1 for the American robin, but the 95% UCL LOAEL HQs with and without a species-specific AUF were below 1.

Parcel E:

- The 95% UCL NOAEL and LOAEL HQs for all constituents were equal to or below 1 for each of the nine receptors.

The risk characterization results table provided below summarizes the chemicals and the wildlife receptors with the greatest potential for risk from exposure to chemicals within the Operations Area and Parcel E (the OU-1 Refined SLERA Area). The results are based on the 95% UCL NOAEL and 95% UCL LOAEL HQs. The LOAEL HQs are more indicative of potential adverse impact. The NOAEL HQs are included for completeness but are not as informative as the LOAEL HQs.

The risk characterization summary table below provides 95% UCL NOAEL and LOAEL risk results for the wildlife evaluated in the OU-1 Refined SLERA Area for only those COPECs and receptors with 95% UCL LOAEL HQs greater than 1 using species-specific AUFs. The 95% UCL LOAEL HQs did not exceed the threshold value of 1 for the Cooper's hawk and pocket mouse. Therefore, risks are not expected for these species and HQ results for these two receptors are not shown in the exhibit below. Both the 95% UCL NOAEL and LOAEL HQs were below 1 for the kit fox, fringed myotis, raccoon, and mourning dove and are therefore not shown in the table below. Only the burrowing owl, American robin, and desert shrew have 95% UCL LOAEL HQs greater than 1 for at least one COPEC (perchlorate and/or dioxins/furans), as summarized in Exhibit 4-14c below.

Exhibit 4-14c. Risk Characterization Summary Exhibit
Excerpt from Tables 4-9a to 4-9e
95% UCL Concentrations and NOAEL/LOAEL TRVs

Receptor	Burrowing Owl		American Robin		Desert Shrew	
Chemical	**NOAEL**	**LOAEL**	**NOAEL**	**LOAEL**	**NOAEL**	**LOAEL**
Operations Area						
Perchlorate	**1**	<1	4	2	6	**1**
Dioxins/Furans	4	<1	10	**1**	10	4
Manganese	<1	<1	<1	<1	4	**1**
4,4'-DDE	4	<1	**1**	<1	4	<1
DDx	<1	<1	<1	<1	2	<1
Hexachlorobenzene	**1**	<1	4	<1	<1	<1

Exhibit 4-14c. Risk Characterization Summary Exhibit
Excerpt from Tables 4-9a to 4-9e
95% UCL Concentrations and NOAEL/LOAEL TRVs

Receptor	Burrowing Owl		American Robin		Desert Shrew	
Chemical	**NOAEL**	**LOAEL**	**NOAEL**	**LOAEL**	**NOAEL**	**LOAEL**
Eco DU-1						
Perchlorate	<1	<1	4	2	6	**1**
Dioxins/Furans	3	<1	20	2	20	5
Manganese	<1	<1	<1	<1	4	**1**
4,4'-DDE	2	<1	**1**	<1	5	<1
DDx	<1	<1	**1**	<1	2	<1
Hexachlorobenzene	<1	<1	4	<1	<1	<1
Eco DU-2						
Perchlorate	<1	<1	<1	<1	<1	<1
Dioxins/Furans	<1	<1	<1	<1	<1	<1
Antimony	No criteria for birds				2	<1
Manganese	Screened out in previous step, HQs <1					
4,4'-DDE	**1**	<1	**1**	<1	5	**1**
DDx	<1	<1	2	<1	3	<1
Eco DU-3						
Perchlorate	<1	<1	10	7	20	4
Dioxins/Furans	<11	<1	9	<1	8	2
Manganese	Screened out in previous step, HQs <1					
4,4'-DDE	<1	<1	<1	<1	2	<1
DDx	<1	<1	<1	<1	<1	<1
Hexachlorobenzene	<1	<1	4	<1	<1	<1
Parcel E						
Perchlorate	<1	<1	<1	<1	<1	<1
Dioxins/Furans	<1	<1	**1**	<1	**1**	<1
Manganese	Screened out in previous step, HQs <1.					
4,4'-DDE						
DDx						

Notes:

(a) Most wildlife species evaluated did not have LOAEL HQs exceeding the threshold value of 1 and therefore, no unacceptable risks are anticipated for those species (Great Basin pocket mouse, the kit fox, raccoon, mourning dove, fringed myotis, and the Cooper's hawk).

(b) The western burrowing owl, American robin, and desert shrew have relatively small home ranges and they do not use species-specific area use factors less than one.

Legend:

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(c) HQs less than 1 are not reported here with full precision. They are available in Appendix I.

Ecological Decision Unit (Eco DU); Hazard quotient (HQ); no observed adverse effects level (NOAEL); lowest observed adverse effects level (LOAEL); upper confidence of the mean (UCL); toxicity reference value (TRV).

The risk characterization summary table above illustrates the following focusing on the 95% UCL LOAEL results:

- Perchlorate and dioxins/furans contribute the greatest overall risk.
- The desert shrew and American robin are the wildlife receptors at greatest risk for exposure to perchlorate and dioxins/furans but risks to burrowing owl are also potential to a lesser extent primarily from exposure to soils within Eco DU-1.
- HQs are highest in Eco DU-1 for dioxins/furan and for perchlorate in Eco DU-3.
- In Eco DU-2, potential risks to the American robin and desert shrew from exposure to DDE (desert shrew) and DDx (American robin and desert shrew) cannot be ruled out.
- In Eco DU-3, the greatest risk is from exposure of perchlorate and dioxins/furans to the American robin and desert shrew.
- While NOAEL HQs exceed 1 for 4,4'-DDE (Eco DU-1), manganese (Eco DU-1) and HCB (Eco DU-1 and Eco DU-3), all LOAEL HQs for these constituents are less than or equal to the threshold value of 1.
- Risk is negligible in Eco DU-2, Parcel E as NOAEL HQs are low, and LOAEL HQs are all less than or equal to 1.

4.6.2.7 Risk Characterization for Reptiles

The risk characterization for reptiles is based on generalizations derived from the evaluation of terrestrial invertebrates, birds, and mammals because there are no specific TRVs for reptiles. There is no habitat for amphibians within the OU-1 Refined SLERA Area as discussed in Section 2.1.6; therefore, they are not included as a receptor in the OU-1 Refined SLERA. As such, the food web modeling for birds and mammals indicates that most of the bioaccumulate chemicals detected in soil from the OU-1 Refined SLERA Area are not present at concentrations that would pose an unacceptable risk to birds and mammals, as the NOAEL and LOAEL HQs are less than 1. So, risks to reptiles are not expected for these chemicals. The risks to reptiles cannot be ruled out for the chemicals identified for mammals and birds.

4.7 Characterization of Uncertainties

The characterization of uncertainty is a component of the ERA process (USEPA 1997). The ERA process seeks to reduce uncertainty (when possible) through the use of site-specific information. The uncertainties identified herein are relevant to each of the five spatial units evaluated in this OU-1 Refined SLERA. Uncertainties associated with the food web model attributes are discussed below and detailed in Table 4-11.

Uncertainties are found in each stage of the ERA process including in the hazard identification, the use of chemical and biological data in the exposure assessment, in the

effects assessment, and in the risk characterization. Examples of key uncertainties in the ERA process in general include:

- Use of maximum concentrations to characterize potential risks, which reflects the maximum exposure potential and is unlikely because wildlife is not typically exposed to the maximum concentration of each chemical throughout the landscape.
- Use of the 95% UCL based on sampling intended to characterize the highest concentrations likely to be present at the Site because this sampling approach is intended to characterize impacted areas and not areas that have not been impacted.
- Use of ESVs from laboratory studies on sensitive organisms that may or may not reflect sensitivities of organisms at the Site.
- Uncertainties that exist in ecological food web modeling, such as the use of standardized receptor parameters, which are based on a single value which is generally conservative. Natural wildlife has a normal range of BWs and dietary intake. In addition, the dietary preferences for birds and mammals at the Site may vary from those parameters used in the food web model, which reflect typical food items.
- Uncertainties in the risk results stem from the significant variability inherent in the uptake values used in food web models. Specifically, the BAFs used in the food web model obtained from the literature can range over several orders of magnitude, as is discussed further in Appendix J-4.
- AUFs may not reflect actual organism use of the Site, particularly given human disturbances at the Site.
- Conservative toxicological benchmarks are used to quantify the range of potential risks and generally consider the most sensitive organisms. Not all plants, soil invertebrates, birds and mammals are as sensitive to chemicals as the most sensitive organisms. So, it is possible that some risks may be overestimated. Also, toxicological benchmarks are based on species that can be tested in a laboratory environment and benchmarks are not available for all species likely to be present at the Site.
- HQs reflect potential risks to individual organisms and do not directly indicate population level impacts. The potential risks to populations must be inferred based on the magnitude of HQs. Also, the HQs provided in this OU-1 Refined SLERA include NOAEL concentrations and LOAEL concentrations to provide insight into potential population level impacts.
- There is limited toxicity information for reptiles. The risk to these taxa can be qualitatively compared to birds and mammals and general statements about potential risks to reptiles can be made, but uncertainties in extrapolating between birds/mammals and reptiles exist as detailed in Section 4.7.7.

Specific uncertainties that influenced the OU-1 Refined SLERA are briefly described in the following subsections.

4.7.1 Detected Chemicals Lacking ESVs

Some chemicals were detected in the OU-1 Refined SLERA Area that lack ESVs, as indicated on Tables 3-3a through 3-3e, and Appendix J-1. Spatial plots for each detected constituent with no ESV are also provided in Appendix J-1. In the Operations Area (that include Eco DU-1, Eco DU-2, and Eco DU-3), these chemicals are:

- General Chemistry: ammonia, bromide, ortho-phosphate, sulfate, nitrate, and nitrate
- Metals: magnesium and sulfur
- SVOCs: octachlorostyrene
- VOCs: formaldehyde
- Chlorine oxyanions: chlorate

In Parcel E, the chemicals are:

- General chemistry: ammonia, bromide, nitrate, and sulfate
- Chlorine oxyanions: chlorate

A summary of the information available for these constituents lacking ESVs are provided in Table 4-12a (Operations Area, including the three Eco DUs) and Table 4-12b (Parcel E), including the frequency of detection, AVG, 95% UCL, and maximum concentrations. These constituents were initially considered in the screening provided in Section 3 of this report. Since there are no ESVs given the multiple sources considered, as described in this OU-1 Refined SLERA, this uncertainty assessment provided in Table 4-12a and 4-12b considered 95% UCL concentrations exceeding background concentrations and a frequency of detection exceeding 10%. Several of the constituents that lack an ESV likely do so because they are essential nutrients and are not considered toxic. These include sulfate, nitrate, nitrite, magnesium, and sulfur. Risks to chemicals lacking ESVs cannot be definitively ruled out, but the following observations are made:

4.7.1.1 General Chemistry

- Ammonia: Detection frequency = 26%, the maximum detected is in Eco DU-1 in an ECA just north of Eco DU-3, and the 95% UCL concentration = 77.7 mg/kg. A spatial plot for ammonia is provided in Appendix J-1.1a (Figure J-1.1a). Ammonium rarely accumulates in soil because bacteria will rapidly convert the ammonium that is not taken up by plant roots into nitrates (nitrification).
- Bromide has a detection frequency of 9%. A spatial plot for bromide is provided in Appendix J-1.1b (Figure J-1.1b). The low frequency of bromide indicates that this constituent is not ubiquitous throughout the Site and is not expected to contribute significantly to overall risk. Additionally, USEPA conducted a risk assessment for bromide and found that bromide is "practically non-toxic to avian species" with LC50s of > 5,600 mg/kg. USEPA reported LC50s based on oral toxicity to rats (as a surrogate for terrestrial mammals) as >3,900 mg/kg (USEPA 2005). The concentrations of bromide within the Operations Area and Parcel E are 4.7 mg/kg and 15 mg/kg, respectively. As such, bromide is not expected to contribute to potential risk to birds and mammals that may visit the Site.

4.7.1.2 Nitrates and Nitrites

- Spatial plots for nitrates and nitrites are provided in Appendix J-1.1, Figure J-1.1c (nitrate) and Figure J-1.1d (nitrite).
- Nitrite: Detection frequency = 12%, and the location with the maximum detected concentration is SA-15 in Eco DU-3. The 95% UCL concentration is 1.1 mg/kg.
- Nitrate: Detection frequency = 95%, and the location with the maximum detected concentration is SA-15 in Eco DU-3. The 95% UCL concentration is 1.1 mg/kg.
- Nitrate/Nitrite: Detection frequency = 100%, and the location with the maximum detected concentration is RISB-01 in Eco DU-1. The 95% UCL concentration is 53.2 mg/kg.
- Nitrites and nitrates are part of the nitrogen cycle and is an is an essential element for the survival of plants (as well as animals) because of its use in the creation of amino acids, and therefore, the formation of proteins. This is very likely the reason there are no ESVs for nitrite as it is not an inherently toxic chemical.

4.7.1.3 Ortho-phosphate and Sulfate

- Spatial plots for the ortho-phosphate and sulfate are provided in Appendix J-1.1, Figure J-1.1e and Figure J-1.1f, respectively.
- Ortho-phosphate: Detection frequency = 13%, and the maximum detected concentration is in Eco DU-1 in an ECA just north of Eco DU-3. The 95% UCL concentration = 96 mg/kg. Given that ortho-phosphate was detected at a low frequency it is unlikely to present a risk to ecological receptors within the OU-1 Refined SLERA Area.
- Sulfate: Detection frequency = 99%, and the location with the maximum detected concentration is SA-28 in Eco DU-2. The 95% UCL concentration = 1,800 mg/kg. Sulfate is an essential nutrient and is among the most important macronutrients in cells. Sulfate occurs naturally in soils, sediments, and rocks. Fertilizers are supplemented with sulfate to assist in crop yield.

4.7.1.4 Metals

- Magnesium: Detection frequency = 99%, and the maximum detected concentration is DS-DB-1 in Eco DU-1. The 95% UCL = 18,800 mg/kg. Magnesium is an essential nutrient. It enables key metabolic processes, contributes to bone strength, and acts as a cofactor in hundreds of enzymatic reactions. A magnesium spatial plot is provided in Appendix J-1.3, Figure J-1.3a.
- Sulfur: Detection frequency = 78%, and the location with the maximum detected concentration is RISB-14 in Eco DU-1. The 95% UCL concentration is 2,480,0 mg/kg. Sulfur is an essential plant nutrient necessary for the growth and development of plants. A sulfur spatial plot is provided in Appendix J-1.3, Figure J-1.3b.

4.7.1.5 VOCs/SVOCs

- Octachlorostyrene: Detection frequency = 16%, and the location with the maximum detected concentration is RSAJ5 in Eco DU-1 (spatial plot provided in Appendix J-1.4, Figure J-1.4d). The 95% UCL concentration is 1.04 mg/kg. Toxicity data on

octachlorostyrene is very limited, particularly for terrestrial organisms. However, given that low frequency of detection, it is unlikely that octachlorostyrene presents a widespread risk to ecological receptors within the OU-1 Refined SLERA Area. While octachlorostyrene is susceptible to direct photolysis (Hustert et al. 1984), it is not expected to volatilize from dry soil surfaces based upon an estimated vapor pressure of 1.3X10-5 mm Hg. Octachlorostyrene is expected to be immobile in soil and is not expected to volatilize from dry soil surfaces (Oliver et al. 1986).

- Formaldehyde: Detection frequency = 100%, but only two samples were collected, as indicated in the spatial plot in Appendix J-1.5, Figure J-1.5d. The location with the maximum detected concentration is SA-85 in Eco DU-1. The 95% UCL concentration of formaldehyde within the OU-1 Refined Study Area is 0.089 mg/kg. The lowest plant NOEL found in the literature was 0.045 mg/kg (Barker and Shimabuku 1992). Formaldehyde is readily biodegradable and does not accumulate in biological tissues. In the environment, formaldehyde is quickly broken down in the air by sunlight or by bacteria in soil or water (ATSDR 1999). Under atmospheric conditions, formaldehyde is readily photo-oxidized in sunlight to carbon dioxide. It reacts relatively quickly with trace substances and pollutants in the air so that its half-life in urban air, under the influence of sunlight, is short. The half-life of formaldehyde is approximately 50 minutes during the daytime.

4.7.1.6 Chlorine Oxyanions

- Chlorate: Detection frequency = 77%. The location with the maximum detected concentration is SA-186 within Eco DU-1, with a spatial plot for chlorate provided in Appendix J-1.2, Figure J-1.2a. The 95% UCL concentration is 100 mg/kg. Sodium chlorate persists in soil for 6 months to 5 years depending on the rate applied, soil type, fertility, organic matter, moisture, and weather conditions (Klingman 1975). Sodium chlorate is known to be toxic to humans and is therefore likely to be toxic to mammals and possibly birds. Given that concentrations of chlorate are similar to that of perchlorate within the OU-1 Refined SLERA Area, chlorate cannot be ruled out as a contributor of risk to ecological receptors within the OU-1 Refined SLERA Area, particularly in Eco DU-1 and Eco DU-2 where concentrations are highest.

4.7.2 Detected Chemicals Lacking Species-Specific ESVs

The plant and invertebrate evaluations identified constituents that do not have ESVs. In addition to the constituents provided in Table 4-2a, bis(2-ethylhexyl) phthalate lacks a plant-specific ESV, and boron lacks an invertebrate-specific ESV. However, bis(2-ethylhexyl) phthalate is detected in only 10% of samples and is therefore unlikely to pose a risk to the few plants within the OU-1 Refined SLERA Area. An uncertainty analysis for chemicals detected but lacking plant-specific ESVs is provided in Table 4-12c.

Boron concentrations that result in toxicity to soil invertebrates are not available in the literature. The ESV available for boron is based on toxicity to birds, but boron is not bioaccumulative, so it is not included in the food web model. Given the lack of information on the toxicity of boron to soil invertebrates, boron cannot be ruled out as potentially causing risk to soil invertebrates within the OU-1 Refined SLERA Area. An uncertainty analysis for chemicals detected but lacking invertebrate-specific ESVs is provided in Table 4-12d.

4.7.3 Evaluation of Chemicals with Low Detection Frequencies

All detected chemicals with HQs using concentrations were retained for further evaluation in the OU-1 Refined SLERA regardless of detection frequency. The following chemicals had a detection frequency of less than 5%.

- Dimethoate
- Stirophos
- 2-Chloronaphthalene
- 4-Chloro-3-methylphenol
- Isophorone
- Bromodichloromethane
- Chloromethane
- Ethyl tert-butyl ether
- Methyl tert-butyl ether
- Tert-Butyl alcohol

Spatial plots for each of these chemicals is provided in Appendices J-1, Figures J-1.4a through J-1.6b. Each of the chemicals listed above were evaluated using a food web model and soil concentrations. The 95% UCL concentration cannot be calculated for these chemicals because of their small sample size. Even applying the most conservative assumptions (soil concentrations, AUF of 1, and NOAEL TRVs), the HQs for each of the nine receptors was less than 1 as shown in Table 4-13. Based on consideration of spatial plots and the food web modeling provided in Table 4-13, risks are not considered likely for these chemicals.

4.7.4 Uncertainties in the Background Evaluation

An uncertainty evaluation was conducted to better understand the occurrences of background concentrations greater than concentrations in the Operations Area and in each of the OU-1 Refined SLERA subareas to confirm the suitability of this background dataset for use in the OU-1 Refined SLERA. Nonparametric and parametric statistical tests were used to determine whether concentrations of chemicals in soil were significantly different than background concentrations for the 49 constituents[18] analyzed at OU-1. Each of the four statistical tests used in the OU-1 Refined SLERA detailed in Section 2.1.5.2 were re-evaluated for chemicals where background concentrations were greater than concentrations within the Operations Area.

Tables E-2b, E-2d and E-2I includes several p-values that are equal to 1. In a 1-sided test this implies a strong significant difference between background and site data, where site data are lower than background. There are a few locations within the OU-1 Refined SLERA Area where concentrations for some metals are less than the BRC/TIMET Regional Background Dataset (2007) on which background comparisons are performed. Because

[18] The 49 constituents included in the background evaluation include metals, radionuclides and inorganic constituents shown in Tables E-2a, E-2c and E-2g.

these metals had concentrations below the regional background concentrations, they were eliminated from further evaluation.

Only five chemicals had background concentrations greater than concentrations in the Operations Area with agreement among all applicable statistical tests. Several other chemicals showed background concentrations greater than OU-1 for at least one of the applicable statistical tests, but other tests showed no statistically significant difference between background and OU-1 concentrations.

Of the five constituents with background concentrations greater than concentrations in the Operations Area in all applicable statistical tests, the following Eco DU specific observations can be made:

- Beryllium: Concentrations are consistent between Eco DU-1, Eco DU-2 and Eco DU-3 and concentrations in each of these three DUs are marginally below background. Beryllium was not analyzed in Parcel E.
- Total Phosphorous: Concentrations are consistent between Eco DU-1, Eco DU-2, Eco DU-3 and Parcel E. Concentrations in each of the four subareas are below background.
- Silicon: Concentrations are consistent between Eco DU-1, Eco DU-2 and Eco DU-3 and concentrations in each of these three DUs are below background. Silicon was not analyzed in Parcel E.
- Strontium: Concentrations are generally consistent between Eco DU-1, Eco DU-2, Eco DU-3 and Parcel E. Background is greater than Eco DU-1 in all applicable statistical tests, background is greater than Eco DU-2 in at least one but not all applicable statistical tests, and background is consistent with Eco DU-3 and Parcel E. The HQ using the 95% UCL soil concentrations in the Operations Area is equal to 2.
- Radium-228: Concentrations of radium-228 vary between subareas, but all four subareas have radium-228 concentrations below background in at least one but not all applicable statistical tests. Concentrations within the four subareas are highest in Eco DU-3, followed by Eco DU-2, Eco DU-1, and Parcel E with the lowest concentrations.

Exhibit 4-15 below provides a summary of constituents with background concentrations in soil that exceed concentrations in subarea soils using all applicable statistical tests. Despite these constituents having concentrations lower than background, soil concentrations for these constituents were compared to ESVs as an additional measure of potential risk. ESVs for total phosphorous, silicon, and zirconium are not available in the literature.

HQs using maximum soil concentrations for beryllium, thorium-230, uranium-234, and uranium 238 are all below a value of 1. The HQ using the maximum soil concentrations for radium-228 is 2 but the HQ using the 95% UCL concentration is equal to 1. These results indicate that these constituents are unlikely to pose a risk to ecological receptors. The HQ for strontium using maximum and 95% UCL soil concentration resulted in HQs of 4 and 2, respectively. As the concentrations of all of these constituents are below background, it cannot be ascertained as to whether these chemicals are of man-made origin or simply a reflection of the regional geology. As such, these constituents detected below background do not pose an unacceptable risk to ecological receptors within OU-1.

Exhibit 4-15. Constituents with Backgorund Soil Concentraitons Greater than Site Concnetraitons Compared to ESVs

Area	Chemical Name	Units	Max Detection	95% UCL	SLERA ESV	ESV Source	MAX HQ	95% UCL HQ
Operations Area	Beryllium	mg/kg	0.62	0.476	21	Eco-SSL Mammals	<1	<1
	Phosphorus (total)	mg/kg	1600	920	NC	--	NC	NC
	Silicon	mg/kg	260	144.6	NC	--	NC	NC
	Strontium	mg/kg	420	177.6	95	Region 4 Mammals	4	2
	Radium-228	pCi/g	2.42	1.31	1.2	LANL Min NOAEL TRV	2	**1**
Eco DU-1	Beryllium	mg/kg	0.62	0.48	21	Eco-SSL Mammals	<1	<1
	Phosphorus (total)	mg/kg	1600	949.4	NC	--	NC	NC
	Silicon	mg/kg	260	145.4	NC	--	NC	NC
	Strontium	mg/kg	420	174.4	95	Region 4 Mammals	4	2
	Radium-228	pCi/g	2.26	1.26	1.2	LANL Min NOAEL TRV	2	**1**
	Thorium-230	pCi/g	1.58	1.06	52	LANL Min NOAEL TRV	<1	<1
	Uranium-234	pCi/g	1.82	0.93	440	LANL Min NOAEL TRV	<1	<1
	Uranium-238	pCi/g	1.33	0.91	400	LANL Min NOAEL TRV	<1	<1
Eco DU-2	Arsenic	mg/kg	5.5	2.99	18	Eco-SSL Plants	<1	<1
	Beryllium	mg/kg	0.6	0.48	21	Eco-SSL Mammals	<1	<1
	Phosphorus (total)	mg/kg	1010	854.2	NC	--	NC	NC
	Radium-226	mg/kg	1.12	0.89	1.5	LANL Min NOAEL TRV	<1	<1
Eco DU-3	Silicon	mg/kg	147	147	NC	--	NC	NC
	Zirconium	mg/kg	22	22	NC	--	NC	NC
Parcel E	No constituents with background concentrations > Site							

Notes: NC = No Criteria; HQ = Hazard Quotient; mg/kg = milligram per kilogram; pCi/g = picocuries per gram; LANL Min NOAEL TRV = Los Alamos National Laboratory minimum no observable adverse effect lever toxicity reference value; Eco-SSL = USEPA (1999) Ecological Soil Screening Levels.

In principle, site concentrations should not be lower than concentrations in a background data set that is perfectly representative of natural site conditions. However, there are several possible explanations for this situation:

- Anthropological influence resulting in metals leaching from the soil matrix. These influences may include acid or solvent spillage during operational periods, or perhaps leaking pipes near the area (e.g., those that transport water back to Las Vegas from Lake Mead). This has been a working hypothesis of NDEP since approximately 2010.
- While appropriately selected background data sets are reasonable approximations of naturally occurring concentrations within OU-1, geologic formations are naturally heterogeneous and variable in both random and systematic ways, and it is not possible to guarantee that any background data set will perfectly represent all naturally occurring concentrations at a given site.
- Natural variability within a single geologic unit resulting (as a result of geologic processes during deposition or reworking of surface soils by wind and water causing minor sorting of sediments) in a background data set that approximates but is not perfectly representative of natural site conditions.
- Sampling bias, caused by a difference in the number of samples, depth, or distribution of samples, may result in a background data set that approximates, but is not perfectly representative of natural site conditions.
- Analytical differences between the site and background investigations may result in observed systematic differences between the data sets.

- The RZ-A background dataset from the southern portion of OU-1 was not used in the OU-1 Refined SLERA. The RZ-A area was included as part of the OU-1 Refined SLERA site data set because animals were observed in this area. The RZ-A background dataset was approved by NDEP for human health risk in the southern portion of OU-1 because concentrations in that area were sometimes observed to be below the BRC-TIMET background dataset. The absence of the RZ-A background dataset may contribute to high *p*-values (where BRC-TIMET background concentrations are greater than site concentrations).

Despite the few instances where background concentrations in soil were greater than OU-1 soil concentrations, the BRC/TIMET Regional Background Data Set (2007) approved by NDEP is suitable for use in this refined SLERA.

The site concentrations being lower than background concentrations is likely caused by combination of natural geologic variability, analytical factors, and sampling bias, resulting in a background data set that approximates natural site conditions but is not perfectly representative. With the natural variability of alluvial geology, even within a single geologic unit, and additional natural variability caused by wind and surface water, it is unlikely to obtain a perfect representation of local background for every relevant subset of data across this study area. Therefore, not every variance between site and background data must be due to anthropological influence or analytical issues. Regardless of the reasoning, the fact that site concentrations are lower than background is not a concern regarding remediation decisions. If the working hypothesis of NDEP in the first bullet point listed above is true, the anthropological influences could have implications for potential groundwater transport of chemicals. However, the geochemistry of the OU-1 groundwater is relatively consistent, generally exhibiting oxidizing conditions across the Site. The mechanism for releasing metals from the soil matrix is therefore not clear. Evaluation of deeper soil concentrations and groundwater concentrations is presented in the RI Report for OU-1 and OU-2 (Ramboll 2023b). However, deeper soil and groundwater are not evaluated in this OU-1 Refined SLERA as wildlife exposure to deep soil and groundwater is not a complete exposure pathway at OU-1 per the OU-1 Work Plan (Ramboll Environ 2015).

4.7.5 Uncertainties in the Evaluation of DDT and Metabolites

Organochlorine pesticides, including 4,4'- DDT, the isomers of DDT, 2,2' and 2,4'- DDD, and 2,2' and 2,4'- DDE are summed to a DDx value for the evaluation of potential risks related to the chemical mixture. Not all locations were analyzed for all isomers. As such, the DDx sums are comprised of three to five isomers depending on the location. The sum of DDx values and how they are calculated by location is provided in Appendix D, Table D-7. The 4,4'-DDD, 4,4'-DDE, and 4-4'-DDT isomers were analyzed for all samples collected for DDT and metabolite analysis. 2,4'-DDE and 2,4'-DDD were only analyzed on a subset of samples. 2,4'-DDT was not analyzed at any locations within OU-1. The variability in the DDx isomers is related to the different sampling scope of work or study designs that occurred over time at the OU-1 Refined SLERA Area. Because not all isomers are included in every sample, calculating the sum of DDT and metabolites is a potential underestimation of risk given the lack of isomers at any particular location.

To address this uncertainty, a sensitivity analysis was conducted to determine the potential underestimation of risk from the exclusion of 2,4'- isomers in the Operations Area. This analysis included an upward adjustment of total DDx concentrations in samples that were

not analyzed for 2,4'-DDE using the ratio of 2,4'-DDE to Total DDx in Operations Area samples with detected concentrations of 2,4'-DDE. Revised summary statistics were calculated, and a limited food web model using the most highly exposed organism, the desert shrew, was completed to quantify the potential underestimation of risk from not analyzing 2,4'-DDE. It should be noted that 2,4'-DDT was not analyzed in any samples. and 2,4'-DDD was analyzed in only 7 samples, but never detected. Therefore, a quantitative analysis of potential underestimation from these two isomers is not possible.

Outcomes of this analysis are summarized below.

- 2,4'-DDE was measured in 44 of 126 soil samples in the operations area, and was detected in 18 of those samples.
- For these 18 samples, 2,4'-DDE represents between 1.9% to 45% of the total DDx concentration, with an average of 25%. Note: Calculation of total DDx includes non-detected isomer concentrations as ½ the sample quantitation limit.

Compound	No. Detects	Minimum (%)	Average (%)	Maximum (%)
2,4'-DDE	18	1.9	25	45

- Increasing all total DDx concentrations in the remaining 88 soil samples (where 2,4'-DDE was not measured) by 25% results in an increase in the total DDx 95% UCL concentration from 0.189 mg/kg in the initial analysis to 0.264 mg/kg in this sensitivity analysis, as shown in the following summary statistics:

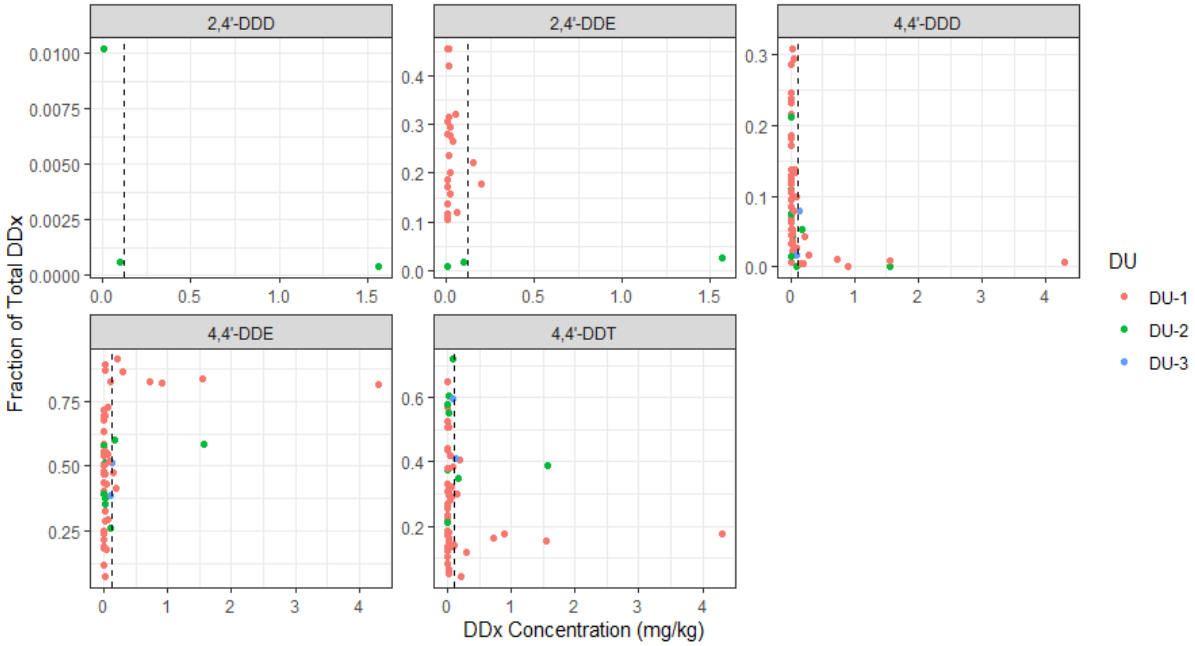
Analysis	No. Detects	No. of Samples	Average (mg/kg)	95% UCL (mg/kg)	Maximum (mg/kg)
Initial Analysis	60	126	0.0935	0.189	4.30
Sensitivity Analysis	60	126	0.112	0.264	5.38

- The table below shows HQs for desert shrew, the species most sensitive to exposure to DDx, from the sensitivity analysis compared to that in the initial evaluation included in this Refined SLERA. Adjusting the 82 sample concentrations that did not contain 2,4'-DDE up by 25% had a minor effect on the outcomes of this analysis. Most notably, (1) the UCL/NOAEL HQs, which represent a more realistic evaluation of risk than using maximum concentrations, did not change when the DDx concentrations were increased by 25%, and (2) the most realistic evaluation of risk, the UCL/LOAEL HQs, are below 1 in both the intital evaluation and when the DDX concentrations were increased by 25%. It should be noted that when adjusting total DDx concentrations, the detection status was not considered, so even samples with all non-detected isomer concentrations were adjusted up 25%.

Risk Scale	Scenario	HQ (Initial)	HQ (Sensitivity)
Most Conservative	MAX/NOAEL	40	50
Next Level Conservative	MAX/LOAEL	7	9
More Realistic	UCL/NOAEL	2	2
Most Realistic	UCL/LOAEL	0.3	0.4

Notes: lowest observed adverse effect level (LOAEL); no observed adverse effect level (NOAEL); maximum concentration (MAX); upper confidence level (UCL) of the mean concentration. The most reliable measure of potential risk to wildlife is the UCL/LOAEL HQ.

The isomer fractional abundance by Total DDx concencentration in the Operations Area is shown below. Please note the different x-axis scales. Non-detected results are included as ½ the SQL. The dashed line represents a soil concentration (0.118 mg/kg) that would result in a DDx HQ of 1 for the most exposed organism, the desert shrew, and the NOAEL TRV of 0.147 mg/kg bw/d.



The following observations can be made from the graphs provided above:

- Isomers are most frequently found in Eco DU-1 with only very few isomers detected or analyzed in DU-2 and even fewer in DU-3.
- The vast majority of samples are below the conservative risk-based soil concentration of 0.118 mg/kg that would result in an HQ of 1 for the desert shrew.
- For samples above the risk-based criteria, 4,4'-DDE appears to be the dominant isomer.
- 2,4'-DDD was only measured in Eco DU-2 and never detected.

- 4,4'-DDE appears to make up a larger fractional abundance to total DDx than the contribution from the other isomers followed by 4,4'-DDT.

4.7.6 Evaluation of Detection Limit Uncertainties

USEPA SW846 analytical methods used for testing typically include many compounds that may not have any history of use at a given site. Therefore, constituents not detected are typically not considered likely to pose an unacceptable risk. However, as part of an uncertainty assessment, the constituents not detected are evaluated by consideration of SQLs in comparison to ESVs to identify where elevated detection limits or low ESVs may influence the understanding of potential risks.

This uncertainty analysis for the Operations Area provides clarity on where SQLs were elevated due to dilutions and discusses where the ESV was low and yielded elevated ratios. This analysis indicates that there are no specific chemicals that require further evaluation, despite some of the elevated ratios discussed in this section. As such, this uncertainty does not change the conclusions of this risk assessment.

The evaluation of detection limits (i.e., sample quantitation limits) in comparison to ESVs for constituents analyzed but not detected is also provided in Appendix J-2. Specifically, the ratio of SQLs to ESVs is provided. This ratio is similar to an HQ mathematically, but since the constituent was not actually detected, it is referred to as a ratio for this discussion.

Appendix J-2 provides the following tables:

- Tables J-2a and J-2b: Location-Specific Evaluation of SQLs for Constituents Not Detected for Operations Area and Parcel E, respectively, sorted by chemical.
- Tables J-2c and J-2d: Location-Specific Evaluation of SQLs for Constituents Not Detected for Operations Area and Parcel E, respectively, sorted by location.
- Tables J-2e and J-2f: Summary of SQLs, Ratios for SQLs/ESVs, and the Frequency of Exceedances of SQLs for the Operations Area and Parcel E, respectively, sorted by chemical.

The constituents with quantitation limits that exceed ESVs are identified, with the ratios sorted from highest to lowest, and showing the constituent detected, the location where it was detected, the SQL for the sample, and the ratio (Appendix J-2). Overall, the SQLs for constituents were suitable for this OU-1 Refined SLERA, as the ratios for SQLs and ESVs for many constituents not detected were less than 1. The list of constituents not detected with and without ESVs for the Operations Area (that includes Eco DU-1, Eco DU-2, and Eco DU-3) and Parcel E are provided in Appendix J-2 and J-3.

Thirty-three chemicals that were not detected within the OU-1 Refined SLERA Operations Area have one or more SQLs that exceed their respective ESVs, resulting in SQL/ESV ratios ranging from 3 to 10,000 based on the maximum SQL. Some of these SQLs are influenced by dilutions and some reflect the very low ESVs. These are discussed further below.

A detailed evaluation of these 33 chemicals is provided in Appendix J-2. Each chemical was evaluated using multiple criteria including SQL/ESV ratio, the percent of SQL/ESV HQs greater than 1, dilution factors, the basis of the ESV for that chemical, whether the chemical was retained for evaluation in the OU-1 RI, spatial characteristics (i.e., evaluation of potential hotspots or localized releases), and comparison to perchlorate as a key chemical of

concern in the OU-1 RI and OU-1 Refined SLERA. Spatial plots for each of the chemicals not detected with SQLs greater than ESVs are provided in Appendix J-2.

The magnitude of the SQL/ESV ratios and the percent of ratios greater than 1 are discussed below. The ratios are based on the maximum SQL and the minimum ESV, reflecting a very conservative assessment of potential uncertainty in this Refined SLERA. These chemicals are discussed as follows for the Operations Area:

- Chemicals not detected with maximum SQL/ESV ratios 3 to 50 are summarized in Exhibit 4-16a.
- Chemicals not detected with maximum SQL/ESV ratios of 50 to 1,000 are summarized in Exhibit 4-16b (note the maximum ratio is 500).
- Chemicals not detected with the maximum SQL/ESV ratios of 1,000 to 10,000 are summarized in Exhibit 4-16c (note there are no ratios between 500 and 1,000).

Exhibit 4-16a. Constituents Not Detected with Maximum SQL/ESV Ratios 3 to 50 (And Frequency of Minimum SQL/ESV Ratios Greater Than 1)

Cyanide (96%) All DFs=1	Chlorpyrifos (100%) All DFs=1	Pentachlorophenol (4%); All DFs 1x-2x
Heptachlor (20%); DFs 5x-100x	Diazinon (100%) All DFs=1	n-Nitrosodiphenylamine (4%); All DFs=1x-4x
Alpha-chlordane (19%); DFs= 5x-100x	Simazine (100%) All DFs=1	4-Chloroaniline (4%); All DFs=2x
Gamma-BHC (18%); DFs=1x-100x	2,4-Dichlorophenol (16%) All DFs=1x-2x	Bromomethane (9%); All DFs=1x
Dieldrin (16%) DFs=5x-100x	2-Methylphenol (16%) All DFs=1x-2x	

Notes: Values in parentheses indicate the percent of ratios greater than 1.
Ecological screening value (ESV); sample quantitation limit (SQL)
Dilution factors (DFs) provided indicate the range for the elevated SQL/ESV ratios exceeding 1.

The chemicals listed in Exhibit 4-16a have low SQL/ESV ratios (3 to 50 based on maximum SQLs and lowest ESVs). Some of these chemicals only had ratios in the 3 to 40 range for a very low percentage of samples where SQLs exceed ESVs (e.g., pentachlorophenol, n-nitrsodiphenylamine, and 4-chloroanaline only had 4% of SQLs exceeding ESVs).

Collectively, the chemicals listed in Exhibit 4-16a were eliminated from further consideration in this OU-1 Refined SLERA because (1) the constituents were not detected, (2) the ratios were low in general (3 to 40), (3) the low frequency of ratios exceeding a value of 1 using SQLs as provided from the laboratory, and (4) the ratios would be even lower if one half the SQL is used, as is also considered reasonable for consideration of non-detections in risk assessment (i.e., if half the SQL was used, the ratios in Exhibit 4-16c would be 1.5 to 25). Additionally, the ESVs are based on highly conservative models versus actual toxicity testing. For example, chloryifos, diazinon, and simazine all have SQLs exceeding ESVs, indicating that the ESVs are low compared to the SQLs. For these constituents, the sample dilution factors did not cause elevated SQLs that contributed to the ratios. Some of the chemicals, such as cyanide, had low SQL/ESV ratios and all dilution factors of 1, but almost

all HQs exceeded a value of 1, which indicates a low ESV influenced the ratio. The spatial plots provided in Appendix J-2 do not indicate the presence of localized releases or hotspots when considered with other key chemicals of concern. Finally, the SQL/ESV ratios reflect the full SQL. When ½ SQL is considered, as is often done in risk assessments, these ratios range from 1-20. For further review of these detections, as well as the individual dilution factors associated with each chemical, refer to Tables J-2a and J-2b (Appendix J) for the Operations Area and Parcel E, respectively. Tables J-2a and J-2b are sorted by chemical in alphanumeric order and ratios sorted from highest to lowest for each chemical for easy reference. Tables J-2a and J-2b also show the ratios using ½ the SQL.

The following chemicals have SQL/ESV ratios from 50 to 500, but are not expected to have a significant contribution to risk:

Exhibit 4-16b. Constituents Not Detected with Maximum SQL/ESV Ratios 50 to 1,000 (And Frequency of Minimum SQL/ESV Ratios Greater Than 1)		
Heptachlor epoxide (91%); DF=1x-100x	Endosulfan I (56%); DF=1x-100x	Malathion (100%); DF=1x
Endosulfan sulfate (79%); DF=1x-100x	Atrazine (100%); DF=1x	2,4-Dinitrophenol (100%); DF=1x-2x
Chlordane (total) (69%); DF=1x-100x	Guthion (100%); DF=1x	3,3'-Dichlorobenzidine (85%); DF=1x-4x
Endrin aldehyde (21%) ; DF=1x-100x	Parathion (100%); DF=1x	2,4-Dimethylphenol (84%); DF=1x-2x
Hexachloroethane (85%); DF=1x-4x	2-Nitroaniline (100%); DF=1x-4x	Ethylene Glycol (100%); DF=1x

Notes: Values in parentheses indicate the percent of ratios greater than 1.
Ecological screening value (ESV); sample quantitation limit (SQL)
Dilution factors (DFs) provided indicate the range for the elevated SQL/ESV ratios exceeding 1. Ethylene glycol dilution factor not available (NA).

The chemicals identified above have SQL/ESV ratios in the 50 to 1,000 range and a high percentage of samples where SQLs exceed ESVs. The highest ratio is 500 for any chemical in this group, discussed in greater detail below. However, these chemicals were eliminated from further consideration in this OU-1 Refined SLERA, have ESVs that are based on highly conservative models versus actual toxicity testing, and spatial plots do not indicate the presence of localized releases or hotspots when considered with other key chemicals of concern. Furthermore, the ratio range (50 to 1,000) is based on full SQLs. If half of SQLs are used, the ratio range is 25 to 500. The following examples are provided based on the information provided in Tables J-2a and J-2e for the Operations Area (and note that detailed results provided in Table J-2a are sorted by chemical in alphanumeric order and ratios sorted from highest to lowest for each chemical for easy reference; detailed results in Table J-2e provide the summary of results by chemical for the Operations Area, sorted from highest to lowest ratios):

- Heptachlor epoxide had 91% of samples with an SQL exceeding an ESV, but most (more than 80%) had ratios less than or equal to 10. A total of 22 of the 126 samples (17%) from the Operations Area had SQL/ESV ratios of 50 to 500 range, with only 5 of the 126 locations (4%) with ratios exceeding 100. The 22 samples with ratios in the range of 50 to 500 had dilution factors of 5x-100x, indicating that

the elevated ratios are due in part to dilutions because of other elevated chemicals. All ratios for heptachlor epoxide reflect the influence of a low ESV for earthworms used for the evaluation. The low ESV also influenced the elevated ratios. The top two highest ratios (each 300) were from locations SSAM3-01-2BPC and RSAK4009-05.B). The spatial plot for heptachlor epoxide SQLs is provided in Figure J-2.4i.

- Endosulfan sulfate had 79% of 126 SQLs exceeding ESVs (ratios greater than 1), with the majority (approximately 85%) having ratios of 10 or less. The remaining ratios (15%) were in the range of 20 to 40, with only 1 ratio of 100 (from location RSAK4009-0.5B, with a dilution factor of 50). These ratios are also based on an earthworm ESV. The spatial plot for endosulfan sulfate SQLs is provided in Figure J-2.4e.
- Chlordane had 69% of 86 SQLs exceeding ESVs (ratios greater than 1), with the majority (approximately 83%) having ratios of 10 or less. The remaining ratios (approximately 17%) were in the range of 20 to 80, with 1 ratio of 80 (from location RSAK4009-0.5B, with a dilution factor of 50). These ratios are also based on an earthworm ESV. The spatial plot for chlordane (total) SQLs is provided in Figure J-2.4b.
- Endrin aldehyde had 21% of 126 SQLs exceeding ESVs (ratios greater than 1), with the majority (approximately 98%) of ratios 10 or less. Only two samples had elevated ratios, with ratios of 20 and 60. The ratio of 60 was from location RSAK4009-0.5B, with a dilution factor of 50. These ratios are also based on an earthworm ESV. The spatial plot for endrin aldehyde SQLs is provided in Figure J-2.4f.
- Atrazine, guthion, and malathion all had 100% of SQLs exceeding ESVs and all are based on the ESV for earthworms. None of these ratios are based on dilution factors that influenced the SQL. The spatial plots for SQLs for these three constituents are provided in Figures J-2.5a, J-2.5d, and J-2.5e for atrazine, guthion, and malathion, respectively.
- Parathion (like atrazine, guthion, and malathion) had 100% SQLs exceeding ESVs, none of the ratios are based on dilution factors. However, approximately 75% of parathion SQL/ESV ratios are 30 (i.e., less than the 50 to 500 range mentioned here), and 25% of parathion ratios are 100. All are based on the ESV for earthworms. The spatial plot for parathion SQLs is provided in Figure J-2-5f.
- 2,4-Dinitrophenol had 100% of 45 SQLs exceeding an ESV. The dilution factors were low (maximum of 2). Approximately 95% of the ratios are less than or equal to 10, with only 2 higher ratios (70 and 200) both from location RIT-3-03. Similarly, 2,4-dimethylphenol had 84% of SQLs exceeding ESVs, but most of the ratios (approximately 95%) were less than or equal to 8. The two highest ratios were 40 and 100, from locations both from RIT-3-03, diluted at a factor of 2. Finally, in this same grouping, 3,3-dichlorobenzidine also had the two highest ratios (60 and 200) from location RIT-3-03 with a dilution factor of 2. All other 3,3-dichlorobenzidine ratios (approximately 94%) were less than 20. The ratios are based on earthworm ESVs for these three constituents. The spatial plots for 2,4-dinitrophenol 2,4-dimethylphenol, and 3,3-dichlorobenzidine are provided in Figures J-2.2c, J-2.2d, and J-2.2f, respectively.

- Endrin aldehyde was analyzed 126 times, with 21% of ratios in the range of 2 to 60. Of these, only 1 SQL yielded a ratio of 60 (all others were 20 or less). All elevated ratios (2 to 20) for endrin aldehyde are based on dilution factors ranging from 2x to 100x, with the exception of one sample that was not diluted from RIT-2-05. The SQL/ESV ratio of 60 is based on a dilution factor of 50 (from sample location RSAK4009-05B). The spatial plot for endrin aldehyde SQLs is provided on Figure J-2.4f.
- Ethylene glycol was only analyzed once with a ratio of 100 based on an earthworm ESV.
- 2-Nitroaniline was analyzed in 46 samples with ratios ranging from 2 to 100 based on an earthworm ESV. Only 1 of the 46 samples had a ratio of 100, 1 other had a ratio of 40, and all others were less than or equal to 10. If ½ the SQL is used, the maximum ratio would be 50, with all other ratios being 20 or lower (with the majority being less than 4). The spatial plot for 2-nitoroaniline SQLs is provided on Figure J-2.2e.

Exhibit 4-16c provides a summary of the chemicals that have SQL/ESV ratios in the 1,000 to 10,000 range. These are the highest of the SQL/ESV ratios.

Exhibit 4-16c. Constituents Not Detected with Highest SQL/ESV Ratios for the Operations Area (Maximum Ratios 1,000 to 10,000)

Toxaphene (100%); DFs=1x-100x	Hexachlorocyclopentadiene (100%); DF=1x-4x
Benzyl alcohol (100%); DFs=1x-4x	Benzoic Acid (100%);

Notes: Values in parentheses indicate the percent of ratios greater than 1.
Ecological screening value (ESV); sample quantitation limit (SQL)
Dilution factors (DFs) provided indicate the range for the elevated SQL/ESV ratios exceeding 1.

The chemicals listed in Exhibit 4-16c cannot be definitively ruled out as potentially contributing to risk to ecological receptors within OU-1 based on very high SQL/ESV HQs and 100% of samples with SQLs exceeding ESVs. However, the chemicals listed in Exhibit 4-16c were eliminated from further consideration in this OU-1 Refined SLERA because the concentrations are below the leach-based and human health screening levels as discussed in the RI Report for OU-1 and OU-2 (Ramboll 2023b) using values from the NDEP 2023 Users Guide and Background Technical Document for NDEP BCLs for Human Health and the BMI Complex and Common Areas Revision 16 (Ramboll 2023b, NDEP 2023b). Those locations with the highest ratios are most frequently observed at locations within DU-1. For each of these chemicals, the highest density of samples with SQLs greater than ESVs and the area that contains the highest SQL/ESV HQs is the Leasehold Debris Pile. Additional information is provided in the Table J-2 series, including tabular summary of the ratios as well as spatial plots for a subset of the constituents that were not detected but had the highest ratios of SQLs and ESVs.

Collectively, these chemicals are not considered likely to pose an unacceptable risk because (1) they were not detected, (2) they do not exceed the leach-based and human health screening levels, and (3) each of these elevated ratios are based on low ESVs that are based on studies for soil dwelling organisms, as reflected by earthworm studies. For completeness, the following is provided about the chemicals listed in Exhibit 4-16c,

including the locations where the highest ratios were seen and the basis of the ESV where all ratios exceed 1:

- Toxaphene had the SQL/ESV highest ratios of any constituent, with ratios ranging from 50 to 10,000. The highest ratio (10,000) was seen at location SSAM3-01-2BPC, with second and third highest ratios (each 6,000) at locations RSAK4009-0.5B and SSAM3-013BPC. Toxaphene had 23 locations with ratios equal to or greater than 1,000. Among those, all were diluted 5x to 100x, except for one undiluted sample from RISB-11. The earthworm ESV is also low, with ratios ranging from 50 to 1000 even for samples that were not diluted. The spatial plot for toxaphene SQLs is provided on Figure J-2.4j.
- The hexachlorocyclopentadiene maximum ratios of 4,000 and 2,000 were both seen at location RIT-3-03, with a reported dilution factor of 2. The next highest ratio from any location is 500, with a dilution factor of 4. These ratios are based on an earthworm ESV. The spatial plot for hexachlorocyclopentadiene SQLs is provided on Figure J-2.2j.
- Benzoic acid and benzyl alcohol also had elevated ratios, with ratios of 400 and 1,000 for benzoic acid and ratios of 1,000 and 2,000 for benzyl alcohol from location RIT-3-03. The ESVs were based on earthworms. The spatial plots for benzoic acid and benzyl alcohol SQLs are provided on Figures J-2.2h and J-2.2i, respectively.

Patterns of elevated SQLs were often associated with elevated dilutions used for the chemical analyses, as indicated in Exhibit 4-16d below. In fact, the highest SQL/ESV ratios for 17 of 33 chemicals were found at the Leasehold debris pile. These sampling locations where SQL/ESV ratios are consistently high include the following listed in Exhibit 4-16d:

Exhibit 4-16d. Constituents Not Detected with Highest SQL/ESV Ratios for the Operations Area

Chemical Group	Sample ID	Dilutions
OCPs	SSAM3-01-2BPC, RSAK4009-0.5B	50x – 100x
OPPs	SA20-0.5D, SA11-0.5D	1x
SVOCs	RIT-3-03-20141113 (Leasehold debris pile)	2x

Notes: Ecological screening value (ESV); organochlorine pesticides (OPPs); organophosphate pesticides (OPPs); sample quantitation limit (SQL); semivolatile organic compounds (SVOCs)

Quantifying the degree of potential risk to ecological receptors from constituents with SQLs greater than ESVs is highly uncertain because these chemicals are, in fact, not detected and SQLs are not representative of actual concentration data. This uncertainty analysis provides clarity on where SQLs were elevated due to dilutions and discusses where the ESV was low and yielded elevated ratios. Finally, the spatial plots for the SQLs are provided in appendix J-2 for visualization of the areas with the highest SQL/ESV ratios. This analysis indicates that:

- The are no specific chemicals that must be further evaluated for ecological risk, despite some of the elevated ratios discussed in this section.
- The uncertainties related to samples not detected that exceed the ESVs do not change the conclusions of this risk assessment.

4.7.7 Uncertainties in the Evaluation of Criteria Based on ECOSAR

There are 26 chemicals that were not detected with SQLs that exceed the ESVs and where the source of the ESV is from USEPA Region 4 (USEPA Region 4 2018). The basis of the Region 4 ESVs for these 26 chemicals is ECOSAR and the Region 4 soil model. ECOSAR (https://www.epa.gov/tsca-screening-tools/ecological-structure-activity-relationships-ecosar-predictive-model) is a model that estimates aquatic toxicity values (for green algae, daphnids, and fathead minnows) for chemicals with no or insufficient animal testing. The relationship of chemical structure to biological activity and toxicity is called a "structure-activity relationship" (SAR). The math applied in ECOSAR uses a Quantitative Structure-Activity Relationship (QSAR) which predicts quantitative toxicological endpoints for three freshwater organisms based solely on chemical structure and water solubility. The Region 4 soil model calculates a soil criterion based on the water quality benchmark from ECOSAR, the soil f_{oc} (assumes 1% soil organic carbon), chemical characteristics, and three soil variables (water content, aeration porosity, and soil bulk density).

There are many uncertainties in this process:

- Difference between whatever aquatic organism the QSAR was based on (Region 4 does not specify and has not released the ECOSAR information for the modelled chemicals) and soil invertebrates of interest for the OU-1 Refined SLERA.
- Uncertainties in the specificity and accuracy of the ECOSAR model itself.

While the ECOSAR toxicity values are a useful place to start an investigation of chemicals where there is limited or no toxicity testing data, in general, actual measured toxicity values are less uncertain than those modelled. ECOSAR was designed to process large numbers of chemicals in relatively short timespans to prioritize further testing (Cronin et al. 2003; Sanderson 2003; de Hass et al. 2011; Hulzebos and Posthumus 2003), not for creating environmental criteria. The reason why ECOSAR is not generally used for the creation of criteria is because of the uncertainties inherent in the model. For instance, some of the structure-activity relationships are based on as few as four chemicals and have an r^2 (r^2 is an estimate of how well one variable predicts another variable, or how well ECOSAR estimated toxicity compared to measured toxicity) value of 0.7 (moderately correlated; Hulzebos and Posthumus, 2019). The USEPA (Office of Pollution Prevention and Toxics, Toxic Substances Control Act, Endocrine Disruptors Screening and Testing Advisory Committee) relies on ECOSAR to help screen chemicals to find those in need of the most urgent testing (Cronin et al. 2003), but they are not used for the federally promulgated water quality criteria (which are based on extensive biological testing). While ECOSAR is a useful tool to inform subsequent investigations, it should not be relied upon in the absence of supplemental data.

The ECOSAR model has been in a state of continuous improvement for approximately 25 years. Through the years, many studies have striven to evaluate its usefulness (Kaiser et al., 1999). The initial analysis by Kaiser et al. (1999) was as follows:

> "Our concerns with ECOSAR are threefold:
>
> (i) most of the linear correlations developed from the empirical toxicity data are statistically insignificant as they are derived from too few measured data—obvious from correlation coefficients near or at 1.0;

(ii) the statistics stated for many of the equations are highly inflated by including several measurements for the same compound as independent variables within one class of compounds—up to three times the actual number of compounds; and

(iii) the classification of compounds is inconsistent and contains elements of both a chemical nature and the compounds' use—the latter is subject to interpretation and change."

In the following decades of scientific literature, these concerns haven't changed, though the underlying data has improved (Hulzebos and Posthumus 2003; Sanderson et al. 2003; Bermúdez-Saldaña et al. 2005; Tunkel et al. 2005; Reuschenbach et al. 2008; Dom et al. 2010; de Hass et al. 2011; Barron et al. 2012; Melnikov et al. 2016; He et al. 2019; Khan et al. 2019, Massarsky et al. 2022 — see Appendix J for more details on these studies). The continuous improvement of ECOSAR is still in process (Wang et al. 2022; Xu et al. 2022; Shavalieva et al. 2022 — See Appendix J-5 for more details on these studies). The USEPA Region 4 does not provide their ECOSAR output for external review for the chemicals in their soil criteria based on ECOSAR output. The strength of the toxicity values that depend on that output is unknown and should be treated as a substantial uncertainty.

4.7.8 Uncertainties in the Evaluation of Risk to Reptiles

Potential ecotoxicological risk to reptiles is an emerging concern (Campbell and Campbell 2000; Campbell and Campbell 2002; Doering et al. 2022; Mingo et al. 2016; Sparling et al. 2010; Suter and Maciorowski 2010; Wagner et al. 2015; Weir et al. 2010; Weir et al. 2015; Weir et al. 2016). The current state of the science is limited and uncertain, as stated by the following researchers:

- "The toxicity of most chemicals to reptiles in drylands is virtually unknown" (Campbell and Campbell 2000).
- "While assessment methods are well developed for some taxa and assemblages such as fish and benthic invertebrates, there are few data and no assessment guidance for others such as amphibians, reptiles, and mollusks." (Suter and Maciorowski 2010 regarding the future of risk assessment at the USEPA)
- "Toxicity data concerning squamates [scaled reptiles] is scarce and data on effects of pesticides in species' natural habitats even more so." (Mingo et al. 2016)
- "Reptiles represent the least-studied group of vertebrates with regards to toxicology" (Doering et al. 2022).

This is due in part to the fact that the US and European Union (EU) do not require reptile testing under current laws (Doering et al, 2022; Suter and Maciorowski 2010; Wagner et al. 2015; Weir et al. 2010). While there has been an uptick in reptile ecotoxicological research over the past two decades, the number of high-quality studies is still low (Kapustka 2008).

In the absence of adequate toxicology information for reptiles, some risk assessments have used bird TRVs. However, birds are warm-blooded animals with faster metabolisms than cold-blooded reptiles (Nagy et al. 1999). This means that per kilogram BW, birds require more food intake and therefore have higher exposure to constituents of concern. Additionally, many key enzyme systems in reptiles are markedly different than birds and chemicals may react with them differently. Finally, the detoxification process may occur much more slowly in reptiles, which could change or increase toxicity.

Recent literature (Ortiz-Santaliestra et al. 2018; Weir et al. 2010; Weir et al. 2015) indicates that using bird or mammal toxicity information as surrogates for reptiles is not adequately protective of reptiles. Ortiz-Santaliestra et al. (2018) undertook a systematic review of scientific literature to compare pesticide toxicity among mammals, birds, and fish to see which organisms (if any) would serve as valid surrogates for reptiles and amphibians. They filtered the literature to find studies that used the same endpoint, exposure route, length of exposure, and type of ecotoxicological response. They found no statistically significant correlations between bird or mammal and reptile LD50s for a variety of constituents (n=11-19 constituents, depending on which subset of the data they chose). They found that reptiles were more sensitive than birds (had lower LD50s) for 5 of 15 constituents. Even applying a 10x uncertainty factor would not have made the LD50s comparable in 4 out of 15 cases. Reptile sensitivity also varied between chemical classes (i.e., pyrethroids, organophosphate insecticides, explosives) that were somewhat related to the K_{ow} of the chemical. The authors concluded that "data from terrestrial organisms provide little evidence that surrogates can effectively reflect toxicity in reptiles" (Ortiz-Santaliestra et al. 2018). Weir et al. (2010, 2015, 2016) has extensively studied ERA of reptiles. They found (Weir et al. 2010) that out of 15 chemicals that had comparable avian and reptile data, the reptiles were more sensitive to 5 of the chemicals. They suspected (Weir et al. 2015 and 2016) that this was due to reptile dermal uptake, which was likely to be a far greater contributor to exposure in reptiles than in birds.

Given the sparsity of data, lack of adequate standardized toxicity testing protocols, metabolic differences between birds and reptiles, and extensive literature reviews that indicate that birds (and mammals) are a poor surrogate for reptiles, the science to assess ecotoxicological risks to reptiles is not developed enough yet to draw conclusions regarding the potential risks to reptiles that may be exposed to chemicals within the OU-1 Refined SLERA Area.

4.7.9 Uncertainty Assessment Conclusions

The potential cumulative impacts from the presence of these constituents detected at low frequency, as shown in Table 4-12a and discussed in Section 4.7.3, and chemicals lacking ESVs (both detected and those not detected), as discussed in Section 4.7.1 and 4.7.6, were considered when present at the same location as other detected COPECs. No specific areas of elevated chemical concentrations were noticed to suggest the chemicals detected at a low frequency, or the chemicals that lack ESVs, provide a specific risk to wildlife beyond those possibilities already discussed in Sections 4.7.3, 4.7.1, and 4.7.6.

Otherwise, the uncertainties in this OU-1 Refined SLERA are similar to those observed in a typical ERA. There are uncertainties in all ERAs, but, when possible, the uncertainties include protective considerations. For most of the uncertainties described in this section, the measures overestimate versus underestimate risk. As such, the uncertainty evaluation conducted as part of this OU-1 Refined SLERA demonstrates that that the data are adequate and appropriately support the conclusions drawn in Section 5.

5. OU-1 REFINED SLERA CONCLUSIONS

The objective of this OU-1 Refined SLERA was to determine which one of the following is applicable:

1. The available data are adequate to conclude that constituents present from historical manufacturing activities do not pose an unacceptable risk to ecological receptors in the OU-1 Refined SLERA Area, and, therefore, there is no need for additional ERA (i.e., adequate information to conclude that the ecological risks are negligible, and no additional investigation of ecological risk is recommended).
2. Estimated ecological risks are not negligible, but the information is insufficient to indicate that adverse ecological effects are occurring. This may require a BERA.
3. Constituents associated with historical manufacturing activities within OU-1 have the potential to pose unacceptable ecological risks to ecological resources within the OU-1 Refined SLERA Area (i.e., there are sufficient lines of evidence to document potential or actual adverse ecological effects; recommendations may involve further investigation and/or interim action).
4. There is not adequate information to make a risk management decision due to high levels of uncertainty or incomplete information, whereupon the ERA process should continue beyond this screening-level evaluation and a plan to collect additional data should be guided by the refined SLERA.

This OU-1 Refined SLERA was performed in a manner consistent with the approved Work Plan and both USEPA and NDEP guidance. A tiered approach was used in this OU-1 Refined SLERA that includes "screening" and "refined" scenarios to evaluate the range of potential risks. The screening steps are conservative analyses designed to examine potential risks in an overly protective fashion. A refined SLERA allows for the refinement of the highly conservative assumptions using available, and often more realistic, toxicological information and parameters. The refined SLERA is conducted in a stepwise fashion starting with the "most conservative" input values and proceeding to the "most realistic" evaluation as described in Section 4.6.2. The most realistic scenario reports HQs using the most realistic values contained in the food web model. This includes the 95% UCL soil concentrations compared to LOAEL TRVs and species-specific AUFs. It is the results from the most realistic evaluation shown in the table below that should be used to make remedial decisions within the OU-1 Refined SLERA Area because these are the results that most accurately identify potential areas of risk, both spatially and by receptor.

Exhibit 5-1. Most Realistic Scenario Risk Characterization Summary Exhibit 95% UCL and LOAEL HQs Greater Than 1			
Receptor (a,b)	**Burrowing Owl**	**American Robin**	**Desert Shrew**
Operation Area			
Chemical	**95% UCL/LOAEL HQ (c)**	**95% UCL/LOAEL HQ (c)**	**95% UCL/LOAEL HQ (c)**
Perchlorate	<1	2	**1**
Dioxins/Furans	<1	**1**	4
Manganese	<1	<1	**1**
4,4'-DDE	<1	<1	<1
DDx	<1	<1	<1
Hexachlorobenzene	<1	<1	<1
Eco DU-1			
Perchlorate	<1	2	**1**
Dioxins/Furans	<1	2	5
Manganese	<1	<1	1
4,4'-DDE	<1	<1	<1
DDx	<1	<1	<1
Hexachlorobenzene	<1	<1	<1
Eco DU-2			
Perchlorate	<1	<1	<1
Dioxins/Furans	<1	<1	<1
Antimony	No criteria for birds		<1
Manganese	Screened out in previous step, HQs <1		
4,4'-DDE	<1	<1	**1**
DDx	<1	<1	<1
Eco DU-3			
Perchlorate	2	7	4
Dioxins/Furans	<1	<1	2
Manganese	Screened out in previous step, consistent with background		
4,4'-DDE	<1	<1	<1
DDx	<1	<1	<1
Hexachlorobenzene	<1	<1	<1
Parcel E			
Perchlorate	<1	<1	<1
Dioxins/Furans	<1	<1	<1
Manganese	Screened out in previous step, HQs <1.		
4,4'-DDE			
DDx			

Notes:

(a) Most wildlife species evaluated did not have LOAEL HQs exceeding the threshold value of 1 and therefore, no unacceptable risks are anticipated for those species (Great Basin pocket mouse, the kit fox, raccoon, mourning dove, fringed myotis, and the Cooper's hawk).

(b) The western burrowing owl, American robin, and desert shrew have relatively small home ranges and they do not use species-specific area use factors less than one.

(c) HQs less than 1 are not reported here with full precision. They are available in Appendix I.

Ecological Decision Unit (Eco DU); Hazard quotient (HQ); lowest observed adverse effects level (LOAEL); upper confidence of the mean (UCL); toxicity reference value (TRV).

Legend:	
0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10

The screening steps in this OU-1 Refined SLERA compared maximum detected concentrations in soil to highly conservative screening criteria and considered background concentrations, where applicable, as well as the frequency of detection, to focus subsequent risk analyses on only the chemicals that require further evaluation. The initial screening evaluation (Tier 1) included 300 chemicals. 171 chemicals were not detected and were therefore eliminated from further evaluation. 50 of the remaining chemicals were removed from further evaluation because the maximum HQs for these constituents were less than or equal to 1. 79 chemicals were retained for further evaluation in the Tier 2 screening. For the Operations Area, 48 chemicals were retained for the refined screening in Section 4. For Parcel E, 11 chemicals were retained for the refined screening in Section 4. Only bioaccumulative chemicals were included in the food web model which includes 20 chemicals in the Operations Area and 5 chemicals in Parcel E.

The information developed during the screening step was not adequate to make a decision for some chemicals in soil. Therefore, the risk evaluation continued to refine the COPECs identified by using more realistic estimates of exposure and considered current land use that would prohibit ecological exposure within the OU-1 Refined SLERA Area. This refined step evaluated risks for the following assessment endpoints:

- Terrestrial plant and terrestrial invertebrate community diversity, structure, and function.
- Mammal and bird population survival and reproductive ability.

Exhibit 5-1 provides a summary based on the most realistic scenario used in the OU-1 Refined SLERA and the results that most accurately identify potential areas of risk both spatially and by receptor.

5.1 Results for the Assessment of the Plant and Soil Invertebrate Community

The findings from the plant and invertebrate-specific evaluation within the OU-1 Refined SLERA Area are summarized as follows:

- The majority of chemicals detected in soil, except perchlorate and manganese, are not present at concentrations that pose an unacceptable risk to the plant and soil invertebrate community.

- Perchlorate and manganese may pose unacceptable risks to terrestrial plants and invertebrates based on RSVs and in consideration of 95% UCL LOAEL HQs.
- The potential risk to plants is most prevalent in Eco DU-1 and Eco DU-3 from exposure to perchlorate and manganese.
- The potential risk to invertebrates is most prevalent in Eco DU-1 from exposure to perchlorate and manganese and in Eco DU-3 from exposure to perchlorate.

5.2 Results for the Assessment of the Bird and Mammal Populations

The findings from the food web model for the evaluation of wildlife that may be exposed to chemical constituents within the OU-1 Refined SLERA Area are summarized as follows:

- The majority of chemicals detected in soil, except perchlorate and dioxins/furans, are not present at concentrations that pose an unacceptable risk to bird and mammal populations.
- The birds and mammals at greatest risk are the insect-eating birds and mammals, reflected by food web modeling for the desert shrew and American robin. Using the 95% UCL LOAEL HQs, potential risk to the desert shrew and American robin from exposure to perchlorate and dioxins/furans is most prevalent in Eco DU-1 and Eco DU-3. In addition, there is a potential risk to the burrowing owl from exposure to perchlorate in Eco DU-3 (HQ=3). There is a potential risk to the shrew from exposure to 4,4'-DDE in Eco DU-2 (HQ=2 only).

5.3 OU-1 Refined SLERA Conclusions

Overall, the OU-1 Refined SLERA showed that most chemicals are not present at concentrations that would pose unacceptable risks to plants, soil invertebrates, birds, and mammals[19], particularly in Eco DU-2 and Parcel E. The uncertainties associated with the OU-1 Refined SLERA are discussed in considerable detail in Section 4.7. Even given the uncertainties addressed in Section 4.7, the conclusion stated above is supported. Conclusions about risks to reptiles cannot be made as the science to assess ecotoxicological risks to reptiles is not yet developed enough to draw conclusions regarding the potential risks to reptiles that may be exposed to chemicals within the OU-1 Refined SLERA Area.

For these chemicals with HQs less than the threshold value of 1, the available data are adequate to conclude that constituents present from industrial activities do not pose an unacceptable risk to ecological receptors in the OU-1 Refined Study Area, and, therefore, there is no need for further action on the basis of ecological risk.

This OU-1 Refined SLERA demonstrated that HQs were less than 1 for many of the constituents detected, even when maximum concentrations were considered in comparison to the lowest ESVs for any ecological receptor (plants, soil invertebrates, birds, or mammals). The constituents with HQs that exceeded a value of 1 in the initial screening (maximum concentrations and lowest ESVs) were retained for the refined SLERA analyses (i.e., the refined screening), which included refined TRVs for plants, soil invertebrates, birds, and mammals. Some of the constituents retained for the Tier 2 screening had HQs less than 1. These Tier 1 and Tier 2 screenings provided adequate information to conclude that with limited exceptions discussed further below, ecological risks were negligible for

[19] Because there is no habitat at OU-1 for amphibians, there are no unacceptable exposures or risks to amphibians expected.

PAHs, SVOCs, VOCs, PCBs, radionuclides, most of the pesticides, and most of the metals. Based on NDEP guidance (NDEP 2006), no additional evaluation is needed for constituents, ecological receptors, and ecological pathways with negligible ecological risks.

The constituents with HQs exceeding a value of 1 after Step 3a included perchlorate, dioxin/furan TEQ, and several pesticides (DDE and beta-BHC). Using NDEP and USEPA guidance (USEPA 1997; NDEP 2006), each of these constituents were evaluated and discussed in terms of the bioaccumulation approach used (i.e., the food web model) and the uncertainties associated with background data, frequency of detection, derivation of the TRVs and screening values, and the interpretation of results within the context of the CSM of potential future exposures based on land use and the potential for organisms to encounter multiple chemicals in the environment of the OU-1 Refined SLERA Area. Based on these findings, the refined SLERA supports the conclusion that some potential ecological risks cannot be definitively ruled out, but no additional ERA is deemed necessary because:

- The Operations Area within the OU-1 Refined SLERA Area is a chemical manufacturing facility that will remain industrial in the future. Currently, ecological exposures are limited given the limited habitat available within OU-1.
- The food web model 95% UCL LOAEL HQs exceeded a value of 1 for the insect eating wildlife but did not exceed a value of 1 for herbivorous, omnivorous, and carnivorous birds and mammals (i.e., no unacceptable risks for the Cooper's hawk, kit fox, fringed bat, raccoon, mourning dove, and pocket mouse). Many of the 95% UCL NOAEL HQs for these wildlife were also less than 1.
- With the food web model:
    - All of the 95% UCL LOAEL HQs from the food web model are below a value of 7.
    - The 95% UCL LOAEL HQs ranged from 1 to 5 for the robin and shrew in Eco DU-1 and the 95% UCL HQs ranged from 2 to 7 for the burrowing owl, the robin, and the shrew in Eco DU-3.
    - Eco DU-2 and Parcel E did not have 95% UCL LOAEL HQs greater than 1.
    - The 95% UCL LOAEL HQs are the most appropriate to use for the OU-1 Refined SLERA Area given that OU-1 offers little ecological habitat, and the area is used for industrial purposes (i.e., the ground is compacted, and little plant cover is present so few ecological exposures will occur).
    - The food web model is considered likely to overestimate exposure and risk for the insect-eating wildlife owl, robin, and shrew. This is because the literature values used to estimate uptake via the food web are considered to be likely biased high.
- A detailed uncertainty assessment is provided, including discussion of constituents lacking ESVs and TRVs. The uncertainty analysis did not alter conclusions associated with the Refined SLERA.

Therefore, and in accordance with NDEP and USEPA guidance, the available OU-1 Refined SLERA results and data are adequate to inform risk management decisions as part of the Feasibility Study for OU-1. Further ecological risk analysis is unlikely to provide additional and/or differing information that would otherwise alter this conclusion.

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TABLES

TABLE 2-1: Threatened and Endangered Species in Nevada and their Potential Occurrence in OU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Taxon	Scientific Name	Common Name	State Status (a)	Federal Status (a)	Habitat	Potential Habitat Onsite
Avian	*Empidonax traillii extimus*	Southwestern Willow Flycatcher	E	E	The southwestern willow flycatcher breeds in relatively dense riparian tree and shrub communities associated with rivers, swamps, and other wetlands including lakes and reservoirs. In most instances, the dense vegetation occurs within the first 10 to 13 feet above ground. Habitat patches must be at least 0.25 ac in size and at least 30 feet wide. Historically the southwestern willow flycatcher nested in native vegetation including willows (*Salix* spp.), seep willow (*Baccharis glutinosa*), boxelder (*Acer negundo*), buttonbush (*Cephalanthus occidentalis*), and cottonwood (*Populus* spp.). Following modern changes to riparian communities, this subspecies still nests in native vegetation, but also uses thickets dominated by non-native tamarisk and Russian olive, or in mixed native non-native stands.	No
	Coccyzus americanus	Yellow-billed Cuckoo	PT	T	A riparian species, the western yellow-billed cuckoo breeds in low- to moderate-elevation native forests lining the rivers and streams of the western United States. Cottonwood willow forests are most often used, although other riparian tree species can be important components of breeding habitat as well, such as alder (*Alnus* spp.), box elder, mesquite (*Prosopis* spp.), Arizona walnut (*Juglans major*), Arizona sycamore (*Platanus wrightii*), oak (*Quercus* spp.), netleaf hackberry (*Celtis reticulata*), velvet ash (*Fraxinus velutina*), Mexican elderberry (*Sambuccus mexicanus*), seepwillow, and occasionally, tamarisk (*Tamarix* spp.). Western yellow-billed cuckoos require relatively large (>20 hectares), contiguous patches of multilayered riparian habitat for nesting. The multilayered canopy provides shade and traps moisture to create the relatively cooler and more humid streamside conditions which are believed to be important for nesting success. They are also known to nest in early to mid-successional native riparian habitat.	No
	Rallus longirostris yumanensis	Yuma Clapper Rail	E	E	Yuma clapper rails are generally found in freshwater and alkali marshes dominated by stands of emergent vegetation interspersed with areas of open water and drier, upland benches. This subspecies prefers mature marsh stands along margins of shallow ponds with stable water levels. Nest sites selected by this subspecies are near upland areas in shallow sites dominated by mature vegetation, often in the base of a shrub. Yuma clapper rails move into different cover types in winter, showing a preference for denser cover than in summer.	No
Reptile	*Gopherus agassizii*	Desert Tortoise	T	T	The Desert Tortoise is one of most elusive inhabitants of the desert, spending up to 95% of its life underground. The desert tortoise lives in a variety of habitats from sandy flats to rocky foothills, including alluvial fans, washes and canyons where suitable soils for den construction might be found. It is found from near sea level to around 3,500 feet in elevation.	Unlikely
Fish	*Empetrichthys latos*	Pahrump Poolfish	E	E	The Pahrump poolfish is endemic to the Pahrump Valley in southern Nye County , Nevada. It is the only fish native to this valley and is one of two fish which constitute the genus *Empetrichthys.*	No

Notes:
E = Endangered
T = Threatened
OU-1 = Operable Unit 1
PT = Proposed Threatened
(a) Species of concern were identified using the United States Fish and Wildlife Information for Planning and Conservation online map-based search engine for ecological concerns within Clark County, Nevada.

References:
The following websites from the United States Fish and Wildlife Services:
http://www.fws.gov/nevada/protected_species/birds/species/swwf.html
http://www.fws.gov/sacramento/outreach/Public-Advisories/WesternYellow-BilledCuckoo/outreach_PA_Western-Yellow-Billed-Cuckoo.htm
http://www.fws.gov/nevada/protected_species/birds/species/yucr.html
http://www.fws.gov/nevada/desert_tortoise/dt/dt_life.html

TABLE 2-2: Chemical Classes Analyzed in Soil in the OU-1 Refined SLERA Study Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group
Chlorine Oxyanions
Dioxins/Furans
General Chemistry
Metals
Organochlorine Pesticides
Organophosphates Pesticides
Organics
Polycyclic Aromatic Hydrocarbons
Polychlorinated Biphenyls
Radionuclide Compounds
Semi-Volatile Organic Compounds
Total Petroleum Hydrocarbons
Volatile Organic Compounds

Notes:

OU-1 = Operable Unit 1

SLERA = Screening level ecological risk assessment

TABLE 2-3: Surface Soil Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Eco-SSL for Plants (a) (mg/kg)	Eco-SSL for Soil Inverte-brates (a) (mg/kg)	Eco-SSL for Birds (a) (mg/kg)	Eco-SSL for Mammals (a) (mg/kg)	Most Sensitive Eco-SSL (mg/kg)	Source	USEPA R4 Soil ESV for Plants (b) (mg/kg)	USEPA R4 ESV for Inverte-brates (b) (mg/kg)	USEPA R4 ESV for Birds (b) (mg/kg)	USEPA R4 ESV for Mammals (b) (mg/kg)	USEPA R4 Most Sensitive Soil ESV (mg/kg)	Source	USEPA R6 Earthworms (c) (mg/kg)	USEPA R6 Plants (c) (mg/kg)	USEPA R6 Most Sensitive ESV (mg/kg)	Source	ORNL Inverte-brates (d) (mg/kg)	ORNL Microbes (d) (mg/kg)	ORNL Plants (d) (mg/kg)	ORNL Most Sensitive Soil ESV (mg/kg)	Source	LANL EcoRisk Database Min NOAEL TRV (e) (mg/kg or pCi/g)	Other Screening Criteria (f) (mg/kg)	Source Of Other Screening Values	Final SLERA ESV (g) (mg/kg or pCi/g)	Source of Final ESV
Chlorine Oxyanions	Chlorate	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
Chlorine Oxyanions	Perchlorate	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	1.20E-01	1.00E+00	USEPA 2002 (i)	1.20E-01	LANL Min NOAEL
Dioxins/ Furans	Dioxins/Furans Avian TEQ	NC	NC	NC	NC	NC	--	NC	5.00E+00	1.60E-05	3.15E-06	1.60E-05	R4 Birds	NC	NC	NC	--	NC	NC	NC	NC	--	NC	5.00E-01	R6 2, 3, 7, 8-TCDD as surrogate	1.60E-05	R4 Birds
Dioxins/ Furans	Dioxins/Furans Mammal TEQ	NC	NC	NC	NC	NC	--	NC	5.00E+00	1.60E-05	3.15E-06	3.15E-06	R4 Mammals	NC	NC	NC	--	NC	NC	NC	NC	--	NC	5.00E-01	R6 2, 3, 7, 8-TCDD as surrogate	3.15E-06	R4 Mammals
General Chemistry	Ammonia	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
General Chemistry	Bromide	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
General Chemistry	Chlorite	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
General Chemistry	Cyanide (total)	NC	NC	NC	NC	NC	--	NC	NC	9.80E-02	3.30E+02	9.80E-02	R4 Birds	NC	NC	NC	--	NC	NC	NC	NC	--	9.80E-02	--	--	9.80E-02	R4 Birds
General Chemistry	Fluoride	NC	NC	NC	NC	NC	--	NC	NC	1.20E+02	8.70E+02	1.20E+02	R4 Birds	NC	NC	NC	--	NC	NC	NC	NC	--	1.20E+02	--	--	1.20E+02	R4 Birds
General Chemistry	Hydroxide	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
General Chemistry	Nitrate	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
General Chemistry	Nitrate/Nitrite	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
General Chemistry	Nitrite	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
General Chemistry	ortho-Phosphate	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
General Chemistry	Sulfate	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
Metals	Aluminum	NC	NC	NC	NC	NC	--	Narrative	Narrative	NC	NC	--	--	NC	5.00E+00	5.00E+00	R6 Plants	NC	6.00E+02	5.00E+01	5.00E+01	ORNL Plants	NC	--	--	5.00E+00	R6 Plants
Metals	Antimony	NC	7.80E+01	NC	2.70E-01	2.70E-01	Eco-SSL Mammals	5.00E+00	7.80E+01	NC	2.70E-01	2.70E-01	R4 Mammals	NC	5.00E-01	5.00E-01	R6 Plants	NC	NC	5.00E+00	5.00E+00	ORNL Plants	2.30E+00	--	--	2.70E-01	Eco-SSL Mammals
Metals	Arsenic	1.80E+01	NC	4.30E+01	4.60E+01	1.80E+01	Eco-SSL Plants	1.80E+01	6.80E+00	4.30E+01	4.60E+01	6.80E+00	R4 Inverts	2.50E-01	1.00E+00	2.50E-01	R6 Earthworms	6.00E+01	1.00E+02	1.00E+01	1.00E+01	ORNL Plants	6.80E+00	--	--	1.80E+01	Eco-SSL Plants
Metals	Barium	NC	3.30E+02	NC	2.00E+03	3.30E+02	Eco-SSL Inverts	1.10E+02	3.30E+02	8.20E+02	2.00E+03	1.10E+02	R4 Plants	NC	5.00E+00	5.00E+00	R6 Plants	NC	3.00E+03	5.00E+02	5.00E+02	ORNL Plants	1.10E+02	--	--	3.30E+02	Eco-SSL Inverts
Metals	Beryllium	NC	4.00E+01	NC	2.10E+01	2.10E+01	Eco-SSL Mammals	2.50E+00	4.00E+01	NC	2.10E+01	2.50E+00	R4 Plants	NC	1.00E-01	1.00E-01	R6 Plants	NC	NC	1.00E+01	1.00E+01	ORNL Plants	2.50E+00	--	--	2.10E+01	Eco-SSL Mammals
Metals	Boron	NC	NC	NC	NC	NC	--	3.60E+01	NC	2.00E+00	5.50E+01	2.00E+00	R4 Birds	NC	NC	NC	--	NC	2.00E+01	5.00E-01	5.00E-01	ORNL Plants	2.00E+00	--	--	2.00E+00	R4 Birds
Metals	Cadmium	3.20E+01	1.40E+02	7.70E-01	3.60E-01	3.60E-01	Eco-SSL Mammals	3.20E+01	1.40E+02	7.70E-01	3.60E-01	3.60E-01	R4 Mammals	1.00E+01	2.00E-01	2.00E-01	R6 Plants	2.00E+01	2.00E+01	4.00E+00	4.00E+00	ORNL Plants	2.70E-01	--	--	3.60E-01	Eco-SSL Mammals
Metals	Chromium (total)	NC	NC	2.60E+01	3.40E+01	2.60E+01	Eco-SSL Birds	NC	NC	2.30E+01	6.30E+01	2.30E+01	R4 Birds	NC	NC	NC	--	4.00E-01	1.00E+01	1.00E+00	4.00E-01	ORNL Inverts	2.30E+01	--	--	2.60E+01	Eco-SSL Birds
Metals	Chromium VI	NC	NC	NC	1.30E+02	1.30E+02	Eco-SSL Mammals	3.50E-01	3.40E-01	1.40E+02	1.30E+02	3.40E-01	R4 Inverts	2.00E-01	1.80E-02	1.80E-02	R6 Plants	NC	NC	NC	NC	--	NC	--	--	1.30E+02	Eco-SSL Mammals
Metals	Cobalt	1.30E+01	NC	1.20E+02	2.30E+02	1.30E+01	Eco-SSL Plants	1.30E+01	NC	1.20E+02	2.30E+02	1.30E+01	R4 Plants	NC	NC	NC	--	NC	1.00E+03	2.00E+01	2.00E+01	ORNL Plants	1.30E+01	--	--	1.30E+01	Eco-SSL Plants
Metals	Copper	7.00E+01	8.00E+01	2.80E+01	4.90E+01	2.80E+01	Eco-SSL Birds	7.00E+01	8.00E+01	2.80E+01	4.90E+01	2.80E+01	R4 Birds	3.20E+01	1.00E+00	1.00E+00	R6 Plants	5.00E+01	1.00E+02	1.00E+02	5.00E+01	ORNL Inverts	1.40E+01	--	--	2.80E+01	Eco-SSL Birds
Metals	Iron	NC	NC	NC	NC	NC	--	NC	Narrative	NC	NC	--	--	NC	NC	NC	--	NC	2.00E+02	NC	2.00E+02	ORNL Microbes	NC	--	--	2.00E+02	ORNL Microbes
Metals	Lead	1.20E+02	1.70E+03	1.10E+01	5.60E+01	1.10E+01	Eco-SSL Birds	1.20E+02	1.70E+03	1.10E+01	5.60E+01	1.10E+01	R4 Birds	1.00E+02	4.60E+00	4.60E+00	R6 Plants	5.00E+02	9.00E+02	5.00E+01	5.00E+01	ORNL Plants	1.10E+01	--	--	1.10E+01	Eco-SSL Birds
Metals	Lithium	NC	NC	NC	NC	NC	--	2.00E+00	NC	NC	7.50E+01	2.00E+00	R4 Plants	NC	NC	NC	--	NC	1.00E+01	2.00E+00	2.00E+00	ORNL Plants	7.50E+01	--	--	2.00E+00	R4 Plants
Metals	Magnesium	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
Metals	Manganese	2.20E+02	4.50E+02	4.30E+03	4.00E+03	2.20E+02	Eco-SSL Plants	2.20E+02	4.50E+02	4.30E+03	4.00E+03	2.20E+02	R4 Plants	NC	NC	NC	--	NC	1.00E+02	5.00E+02	1.00E+02	ORNL Microbes	2.20E+02	--	--	2.20E+02	Eco-SSL Plants
Metals	Mercury	NC	NC	NC	NC	NC	--	3.00E-01	5.00E-02	1.30E-02	1.70E+00	1.30E-02	R4 Birds	2.50E+00	3.49E-01	3.49E-01	R6 Plants	1.00E-01	3.00E+01	3.00E-01	1.00E-01	ORNL Inverts	1.30E-02	--	--	1.30E-02	R4 Birds
Metals	Molybdenum	NC	NC	NC	NC	NC	--	2.00E+00	NC	1.50E+01	4.80E+00	2.00E+00	R4 Plants	NC	NC	NC	--	NC	2.00E+02	2.00E+00	2.00E+00	ORNL Plants	1.50E+01	--	--	2.00E+00	R4 Plants
Metals	Nickel	3.80E+01	2.80E+02	2.10E+02	1.30E+02	3.80E+01	Eco-SSL Plants	3.80E+01	2.80E+02	2.10E+02	1.30E+02	3.80E+01	R4 Plants	1.00E+02	2.50E+01	2.50E+01	R6 Plants	2.00E+02	9.00E+01	3.00E+01	3.00E+01	ORNL Plants	1.00E+01	--	--	3.80E+01	Eco-SSL Plants
Metals	Niobium	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
Metals	Palladium	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
Metals	Phosphorus (total)	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
Metals	Platinum	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
Metals	Selenium	5.20E-01	4.10E+00	1.20E+00	6.30E-01	5.20E-01	Eco-SSL Plants	5.20E-01	4.10E+00	1.20E+00	6.30E-01	5.20E-01	R4 Plants	7.70E+00	5.00E-02	5.00E-02	R6 Plants	7.00E+01	1.00E+02	1.00E+00	1.00E+00	ORNL Plants	5.20E-01	--	--	5.20E-01	Eco-SSL Plants
Metals	Silicon	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
Metals	Silver	5.60E+02	NC	4.20E+00	1.40E+01	4.20E+00	Eco-SSL Birds	5.60E+02	NC	4.20E+00	1.40E+01	4.20E+00	R4 Birds	NC	2.00E-02	2.00E-02	R6 Plants	NC	5.00E+01	2.00E+00	2.00E+00	ORNL Plants	2.60E+00	--	--	4.20E+00	Eco-SSL Birds
Metals	Strontium	NC	NC	NC	NC	NC	--	NC	NC	NC	9.50E+01	9.50E+01	R4 Mammals	NC	NC	NC	--	NC	NC	NC	NC	--	9.50E+01	--	--	9.50E+01	R4 Mammals
Metals	Sulfur	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
Metals	Thallium	NC	NC	NC	NC	NC	--	5.00E-02	NC	4.50E+00	4.20E-01	5.00E-02	R4 Plants	NC	1.00E-02	1.00E-02	R6 Plants	NC	NC	1.00E+00	1.00E+00	ORNL Plants	5.00E-02	--	--	5.00E-02	R4 Plants
Metals	Tin	NC	NC	NC	NC	NC	--	5.00E+01	NC	NC	7.62E+00	7.62E+00	R4 Mammals	NC	NC	NC	--	NC	2.00E+03	5.00E+01	5.00E+01	ORNL Plants	NC	--	--	7.62E+00	R4 Mammals
Metals	Titanium	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	1.00E+03	NC	1.00E+03	ORNL Microbes	7.70E+01	--	--	1.00E+03	ORNL Microbes
Metals	Tungsten	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	4.00E+02	NC	4.00E+02	ORNL Microbes	NC	--	--	4.00E+02	ORNL Microbes
Metals	Uranium (total)	NC	NC	NC	NC	NC	--	2.50E+01	NC	1.10E+03	4.80E+02	2.50E+01	R4 Plants	NC	NC	NC	--	NC	NC	5.00E+00	5.00E+00	ORNL Plants	2.50E+01			2.50E+01	R4 Plants
Metals	Vanadium	NC	NC	7.80E+00	2.80E+02	7.80E+00	Eco-SSL Birds	6.00E+01	NC	7.80E+00	2.80E+02	7.80E+00	R4 Birds	NC	NC	NC	--	NC	2.00E+01	2.00E+00	2.00E+00	ORNL Plants	4.70E+00	--	--	7.80E+00	Eco-SSL Birds
Metals	Zinc	1.60E+02	1.20E+02	4.60E+01	7.90E+01	4.60E+01	Eco-SSL Birds	1.60E+02	1.20E+02	4.60E+01	7.90E+01	4.60E+01	R4 Birds	1.99E+02	9.00E-01	9.00E-01	R6 Plants	2.00E+02	1.00E+02	5.00E+01	5.00E+01	ORNL Plants	4.70E+01	--	--	4.60E+01	Eco-SSL Birds
Metals	Zirconium	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OCPs	2,4,5-TP	NC	NC	NC	NC	NC	--	NC	5.50E-02	NC	NC	5.50E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	5.50E-02	R4 Inverts
OCPs	2,4'-DDD	NC	NC	9.30E-02	2.10E-02	2.10E-02	Eco-SSL Mammals	NC	NC	9.30E-02	2.10E-02	2.10E-02	R4 Mammals	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	2.10E-02	Eco-SSL Mammals
OCPs	2,4'-DDE	NC	NC	9.30E-02	2.10E-02	2.10E-02	Eco-SSL Mammals	NC	NC	9.30E-02	2.10E-02	2.10E-02	R4 Mammals	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	2.10E-02	Eco-SSL Mammals
OCPs	4,4'-DDD	NC	NC	9.30E-02	2.10E-02	2.10E-02	Eco-SSL Mammals	NC	NC	9.30E-02	2.10E-02	2.10E-02	R4 Mammals	NC	NC	NC	--	NC	NC	NC	NC	--	6.30E-03	--	--	2.10E-02	Eco-SSL Mammals
OCPs	4,4'-DDE	NC	NC	9.30E-02	2.10E-02	2.10E-02	Eco-SSL Mammals	NC	NC	9.30E-02	2.10E-02	2.10E-02	R4 Mammals	NC	NC	NC	--	NC	NC	NC	NC	--	1.10E-01	--	--	2.10E-02	Eco-SSL Mammals
OCPs	4,4'-DDT	NC	NC	9.30E-02	2.10E-02	2.10E-02	Eco-SSL Mammals	NC	NC	9.30E-02	2.10E-02	2.10E-02	R4 Mammals	NC	NC	NC	--	NC	NC	NC	NC	--	4.40E-02	--	--	2.10E-02	Eco-SSL Mammals
OCPs	Calculated DDx (ND=0.5DL)	NC	NC	9.30E-02	2.10E-02	2.10E-02	Eco-SSL Mammals	NC	NC	9.30E-02	2.10E-02	2.10E-02	R4 Mammals	NC	NC	NC	--	NC	NC	NC	NC	--	4.40E-02	--	--	2.10E-02	Eco-SSL Mammals
OCPs	Aldrin	NC	NC	NC	NC	NC	--	NC	3.00E-02	NC	3.70E-02	3.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	3.70E-02	--	--	3.00E-02	R4 Inverts
OCPs	alpha-BHC	NC	NC	NC	NC	NC	--	NC	3.00E-04	NC	5.90E+01	3.00E-04	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	5.90E+01	--	--	3.00E-04	R4 Inverts
OCPs	alpha-Chlordane	NC	NC	NC	NC	NC	--	2.20E+00	2.90E-03	2.70E-01	2.70E-01	2.90E-03	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	2.70E-01	--	--	2.90E-03	R4 Inverts
OCPs	beta-BHC	NC	NC	NC	NC	NC	--	NC	3.00E-04	1.40E+01	2.70E-01	3.00E-04	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	2.70E-01	--	--	3.00E-04	R4 Inverts
OCPs	Chlordane (total)	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	2.90E-03	R4 alpha-chlordane used as surrogate	2.90E-03	R4 alpha-chlordane used as surrogate
OCPs	delta-BHC	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OCPs	Dieldrin	NC	NC	2.20E-02	4.90E-03	4.90E-03	Eco-SSL Mammals	1.00E+01	2.90E-03	2.20E-02	4.90E-03	2.90E-03	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	4.50E-03	--	--	4.90E-03	Eco-SSL Mammals
OCPs	Endosulfan I	NC	NC	NC	NC	NC	--	NC	9.00E-04	NC	1.19E-01	9.00E-04	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	9.00E-04	R4 Inverts
OCPs	Endosulfan II	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OCPs	Endosulfan sulfate	NC	NC	NC	NC	NC	--	NC	7.00E-04	NC	3.60E-02	7.00E-04	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	7.00E-04	R4 Inverts
OCPs	Endrin	NC	NC	NC	NC	NC	--	3.40E-03	1.90E-03	1.40E-03	2.30E-02	1.40E-03	R4 Birds	NC	NC	NC	--	NC	NC	NC	NC	--	1.40E-03	--	--	1.40E-03	R4 Birds
OCPs	Endrin aldehyde	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	1.40E-03	R4 endrin used as surrogate	1.40E-03	R4 endrin used as surrogate
OCPs	Endrin ketone	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OCPs	gamma-BHC	NC	NC	NC	NC	NC	--	1.00E-01	3.10E-03	2.10E-01	9.50E-03	3.10E-03	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	9.50E-03	--	--	3.10E-03	R4 Inverts

TABLE 2-3: Surface Soil Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Eco-SSL for Plants (a) (mg/kg)	Eco-SSL for Soil Inverte-brates (a) (mg/kg)	Eco-SSL for Birds (a) (mg/kg)	Eco-SSL for Mammals (a) (mg/kg)	Most Sensitive Eco-SSL (mg/kg)	Source	USEPA R4 Soil ESV for Plants (b) (mg/kg)	USEPA R4 ESV for Inverte-brates (b) (mg/kg)	USEPA R4 ESV for Birds (b) (mg/kg)	USEPA R4 ESV for Mammals (b) (mg/kg)	USEPA R4 Most Sensitive Soil ESV (mg/kg)	Source	USEPA R6 Earthworms (c) (mg/kg)	USEPA R6 Plants (c) (mg/kg)	USEPA R6 Most Sensitive ESV (mg/kg)	Source	ORNL Inverte-brates (d) (mg/kg)	ORNL Microbes (d) (mg/kg)	ORNL Plants (d) (mg/kg)	ORNL Most Sensitive Soil ESV (mg/kg)	Source	LANL EcoRisk Database Min NOAEL TRV (e) (mg/kg or pCi/g)	Other Screening Criteria (f) (mg/kg)	Source Of Other Screening Values	Final SLERA ESV (g) (mg/kg or pCi/g)	Source of Final ESV
OCPs	gamma-Chlordane	NC	NC	NC	NC	NC	--	2.20E+00	2.00E-02	2.20E+00	2.30E+00	2.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	2.20E+00	2.90E-03	R4 alpha-chlordane used as surrogate	2.00E-02	R4 Inverts
OCPs	Heptachlor	NC	NC	NC	NC	NC	--	4.00E-01	1.60E-03	3.00E-01	5.90E-02	1.60E-03	R4 Inverts	NC	1.00E+00	1.00E+00	R6 Plants	NC	NC	NC	NC	--	5.90E-02	--	--	1.60E-03	R4 Inverts
OCPs	Heptachlor epoxide	NC	NC	NC	NC	NC	--	NC	1.50E-04	NC	1.52E-01	1.50E-04	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	1.50E-04	R4 Inverts
OCPs	Hexachlorobenzene	NC	NC	NC	NC	NC	--	1.00E+01	1.00E+01	7.90E-02	2.00E-01	7.90E-02	R4 Birds	NC	NC	NC	--	NC	1.00E+03	NC	1.00E+03	ORNL Microbes	7.90E-02	--	--	7.90E-02	R4 Birds
OCPs	Methoxychlor	NC	NC	NC	NC	NC	--	NC	2.10E-03	1.80E+01	5.10E+00	2.10E-03	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	5.10E+00	--	--	2.10E-03	R4 Inverts
OCPs	Toxaphene	NC	NC	NC	NC	NC	--	NC	1.50E-04	4.10E+00	5.90E+00	1.50E-04	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	4.10E+00	--	--	1.50E-04	R4 Inverts
OPPs	Atrazine	NC	NC	NC	NC	NC	--	NC	5.00E-05	NC	NC	5.00E-05	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	5.00E-05	R4 Inverts
OPPs	Chlorpyrifos	NC	NC	NC	NC	NC	--	NC	3.00E-03	NC	NC	3.00E-03	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	3.00E-03	R4 Inverts
OPPs	Coumaphos	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Dasanit	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Demeton (O + S)	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Demeton-O	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Demeton-S	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Diazinon	NC	NC	NC	NC	NC	--	NC	3.70E-03	NC	NC	3.70E-03	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	3.70E-03	R4 Inverts
OPPs	Dichlorovos	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Dimethoate	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Disulfoton	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	EPN	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Ethoprop	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Famphur	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Fenthion	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Guthion	NC	NC	NC	NC	NC	--	NC	6.00E-05	NC	NC	6.00E-05	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	6.00E-05	R4 Inverts
OPPs	Malathion	NC	NC	NC	NC	NC	--	NC	4.00E-05	NC	NC	4.00E-05	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	4.00E-05	R4 Inverts
OPPs	Merphos	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Methyl parathion	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Mevinphos	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Naled	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Parathion	NC	NC	NC	NC	NC	--	NC	1.90E-04	NC	NC	1.90E-04	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	1.90E-04	R4 Inverts
OPPs	Phorate	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Propazine	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Prothiophos	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Ronnel	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Simazine	NC	NC	NC	NC	NC	--	NC	8.30E-03	NC	NC	8.30E-03	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	8.30E-03	R4 Inverts
OPPs	Stirophos	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Sulfotepp	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Sulprofos	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Thionazin	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
OPPs	Trichloronate	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
Organics	4-Chlorobenzenesulfonic acid	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
Organics	Acetic acid	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
Organics	Benzenesulfonic acid	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
Organics	Butyric acid	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
Organics	Diethylphosphorodithioate	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
Organics	Formic acid	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
Organics	Lactic acid	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
Organics	o,o-Dimethyl Phosphorodithioate	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
Organics	Phthalic acid	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
Organics	Propionic acid	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
Organics	Pyruvic acid	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
PAHs	HMW PAHs	NC	1.80E+01	NC	1.10E+00	1.10E+00	Eco-SSL Mammals	NC	1.80E+01	NC	1.10E+00	1.10E+00	R4 Mammals	2.50E+01	1.20E+00	1.20E+00	R6 Plants	NC	NC	NC	NC	--	NC	--	--	1.10E+00	Eco-SSL Mammals
PAHs	LMW PAHs	NC	2.90E+01	NC	1.00E+02	2.90E+01	Eco-SSL Inverts	NC	2.90E+01	NC	1.00E+02	2.90E+01	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	2.90E+01	Eco-SSL Inverts
PAHs	Total PAHs	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	1.10E+00	Eco-SSL HMW PAHs as surrogate
PCBs	Aroclor-1016	NC	NC	NC	NC	NC	--	4.00E+01	3.30E-01	4.10E-02	3.71E-01	4.10E-02	R4 Birds	2.51E+00	1.00E+01	2.51E+00	R6 Earthworms	NC	NC	4.00E+01	4.00E+01	ORNL Plants	1.10E+00	--	--	4.10E-02	R4 Birds
PCBs	Aroclor-1221	NC	NC	NC	NC	NC	--	4.00E+01	3.30E-01	4.10E-02	3.71E-01	4.10E-02	R4 Birds	NC	NC	NC	--	NC	NC	4.00E+01	4.00E+01	ORNL Plants	NC	--	--	4.10E-02	R4 Birds
PCBs	Aroclor-1232	NC	NC	NC	NC	NC	--	4.00E+01	3.30E-01	4.10E-02	3.71E-01	4.10E-02	R4 Birds	NC	NC	NC	--	NC	NC	4.00E+01	4.00E+01	ORNL Plants	NC	--	--	4.10E-02	R4 Birds
PCBs	Aroclor-1242	NC	NC	NC	NC	NC	--	4.00E+01	3.30E-01	4.10E-02	3.80E-01	4.10E-02	R4 Birds	NC	NC	NC	--	NC	NC	4.00E+01	4.00E+01	ORNL Plants	4.10E-02	--	--	4.10E-02	R4 Birds
PCBs	Aroclor-1248	NC	NC	NC	NC	NC	--	4.00E+01	3.30E-01	4.10E-02	3.71E-01	4.10E-02	R4 Birds	NC	NC	NC	--	NC	NC	4.00E+01	4.00E+01	ORNL Plants	7.30E-03	--	--	4.10E-02	R4 Birds
PCBs	Aroclor-1254	NC	NC	NC	NC	NC	--	4.00E+01	3.30E-01	4.10E-02	3.71E-01	4.10E-02	R4 Birds	2.51E+00	1.00E+01	2.51E+00	R6 Earthworms	NC	NC	4.00E+01	4.00E+01	ORNL Plants	4.10E-02	--	--	4.10E-02	R4 Birds
PCBs	Aroclor-1260	NC	NC	NC	NC	NC	--	4.00E+01	3.30E-01	4.10E-02	3.71E-01	4.10E-02	R4 Birds	NC	NC	NC	--	NC	NC	4.00E+01	4.00E+01	ORNL Plants	8.80E-01	--	--	4.10E-02	R4 Birds
PCBs	Total PCBs	NC	NC	NC	NC	NC	--	4.00E+01	3.30E-01	4.10E-02	3.71E-01	4.10E-02	R4 Birds	NC	NC	NC	--	NC	NC	4.00E+01	4.00E+01	ORNL Plants	NC	--	--	4.10E-02	R4 Birds
PCBs	PCB Avian TEQ	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	1.60E-05	R4 Birds as surrogate	1.60E-05	R4 Birds as surrogate
PCBs	PCB Mammal TEQ	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	3.15E-06	R4 Mammals as surrogate	3.15E-06	R4 Mammals as surrogate
RAD	Lead-210	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	1.20E+03	--	--	1.20E+03	LANL Min NOAEL TRV
RAD	Lead-212	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	1.20E+03	LANL Min TRV for Pb-210 as surrogate
RAD	Radium-226	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	1.50E+00	--	--	1.50E+00	LANL Min NOAEL TRV
RAD	Radium-228	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	1.20E+00	--	--	1.20E+00	LANL Min NOAEL TRV

TABLE 2-3: Surface Soil Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Eco-SSL for Plants (a) (mg/kg)	Eco-SSL for Soil Inverte-brates (a) (mg/kg)	Eco-SSL for Birds (a) (mg/kg)	Eco-SSL for Mammals (a) (mg/kg)	Most Sensitive Eco-SSL (mg/kg)	Source	USEPA R4 Soil ESV for Plants (b) (mg/kg)	USEPA R4 ESV for Inverte-brates (b) (mg/kg)	USEPA R4 ESV for Birds (b) (mg/kg)	USEPA R4 ESV for Mammals (b) (mg/kg)	USEPA R4 Most Sensitive Soil ESV (mg/kg)	Source	USEPA R6 Earthworms (c) (mg/kg)	USEPA R6 Plants (c) (mg/kg)	USEPA R6 Most Sensitive ESV (mg/kg)	Source	ORNL Inverte-brates (d) (mg/kg)	ORNL Microbes (d) (mg/kg)	ORNL Plants (d) (mg/kg)	ORNL Most Sensitive Soil ESV (mg/kg)	Source	LANL EcoRisk Database Min NOAEL TRV (e) (mg/kg or pCi/g)	Other Screening Criteria (f) (mg/kg)	Source Of Other Screening Values	Final SLERA ESV (g) (mg/kg or pCi/g)	Source of Final ESV
RAD	Thorium-228	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	4.30E+01	--	--	4.30E+01	LANL Min NOAEL TRV
RAD	Thorium-230	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	5.20E+01	--	--	5.20E+01	LANL Min NOAEL TRV
RAD	Thorium-232	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	6.20E+00	--	--	6.20E+00	LANL Min NOAEL TRV
RAD	Uranium-234	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	4.40E+02	--	--	4.40E+02	LANL Min NOAEL TRV
RAD	Uranium-235	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	4.40E+02	--	--	4.40E+02	LANL Min NOAEL TRV
RAD	Uranium-238	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	4.00E+02	--	--	4.00E+02	LANL Min NOAEL TRV
SVOCs	1,2,4,5-Tetrachlorobenzene	NC	NC	NC	NC	NC	--	NC	1.80E-01	NC	2.02E+00	1.80E-01	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	1.80E-01	R4 Inverts
SVOCs	1,2-Diphenylhydrazine	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	1,4-Dioxane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	2,2'-/4,4'-Dichlorobenzil	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	2,4,5-Trichlorophenol	NC	NC	NC	NC	NC	--	4.00E+00	9.00E+00	NC	1.41E+01	4.00E+00	R4 Plants	NC	NC	NC	--	9.00E+00	NC	4.00E+00	4.00E+00	ORNL Plants	NC	--	--	4.00E+00	R4 Plants
SVOCs	2,4,6-Trichlorophenol	NC	NC	NC	NC	NC	--	NC	1.00E+01	NC	9.94E+00	9.94E+00	R4 Mammals	NC	NC	NC	--	1.00E+01	NC	NC	1.00E+01	ORNL Inverts	NC	--	--	9.94E+00	R4 Mammals
SVOCs	2,4-Dichlorophenol	NC	NC	NC	NC	NC	--	NC	5.00E-02	NC	8.75E+01	5.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	5.00E-02	R4 Inverts
SVOCs	2,4-Dimethylphenol	NC	NC	NC	NC	NC	--	NC	4.00E-02	NC	NC	4.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	4.00E-02	R4 Inverts
SVOCs	2,4-Dinitrophenol	NC	NC	NC	NC	NC	--	2.00E+01	1.50E-01	NC	6.10E-02	6.10E-02	R4 Mammals	NC	NC	NC	--	NC	NC	2.00E+01	2.00E+01	ORNL Plants	NC	--	--	6.10E-02	R4 Mammals
SVOCs	2,4-Dinitrotoluene	NC	NC	NC	NC	NC	--	6.00E+00	1.80E+01	NC	1.40E+01	6.00E+00	R4 Plants	NC	NC	NC	--	NC	NC	NC	NC	--	6.00E+00	--	--	6.00E+00	R4 Plants
SVOCs	2,6-Dinitrotoluene	NC	NC	NC	NC	NC	--	NC	3.00E+01	5.20E+01	4.00E+00	4.00E+00	R4 Mammals	NC	NC	NC	--	NC	NC	NC	NC	--	4.00E+00	--	--	4.00E+00	R4 Mammals
SVOCs	2-Chloronaphthalene	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	2-Chlorophenol	NC	NC	NC	NC	NC	--	NC	6.00E-02	3.90E-01	5.40E-01	6.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	3.90E-01	--	--	6.00E-02	R4 Inverts
SVOCs	2-Methylphenol	NC	NC	NC	NC	NC	--	6.70E-01	1.00E-01	NC	5.80E+02	1.00E-01	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	6.70E-01	--	--	1.00E-01	R4 Inverts
SVOCs	2-Nitroaniline	NC	NC	NC	NC	NC	--	NC	2.00E-02	NC	5.30E+00	2.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	5.30E+00	--	--	2.00E-02	R4 Inverts
SVOCs	2-Nitrophenol	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	3&4-Methylphenol	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	6.90E-01	LANL Min NOAEL TRV for 3-methylphenol was used as a surrogate.
SVOCs	3,3'-Dichlorobenzidine	NC	NC	NC	NC	NC	--	NC	3.00E-02	NC	6.46E-01	3.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	3.00E-02	R4 Inverts
SVOCs	3-Nitroaniline	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	4-Bromophenyl-phenyl ether	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	4-Chloro-3-methylphenol	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	4-Chloroaniline	NC	NC	NC	NC	NC	--	1.00E+00	1.80E+00	NC	1.10E+00	1.00E+00	R4 Plants	NC	NC	NC	--	NC	NC	NC	NC	--	1.00E+00	--	--	1.00E+00	R4 Plants
SVOCs	4-Chlorophenyl-phenyl ether	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	4-Chlorothioanisole	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	4-Chlorothiophenol	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	4-Nitroaniline	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	4-Nitrophenol	NC	NC	NC	NC	NC	--	NC	7.00E+00	NC	5.12E+00	5.12E+00	R4 Mammals	NC	NC	NC	--	7.00E+00	NC	NC	7.00E+00	ORNL Inverts	NC	--	--	5.12E+00	R4 Mammals
SVOCs	Acetophenone	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	Aniline	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	Azobenzene	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	Benzenethiol	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	Benzidine	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	Benzoic acid	NC	NC	NC	NC	NC	--	NC	1.00E-02	NC	1.00E+00	1.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	1.00E+00	--	--	1.00E-02	R4 Inverts
SVOCs	Benzyl alcohol	NC	NC	NC	NC	NC	--	NC	2.00E-03	NC	1.20E+02	2.00E-03	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	1.20E+02	--	--	2.00E-03	R4 Inverts
SVOCs	bis(2-Chloro-1-methylethyl) ether	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	bis(2-Chloroethoxy)methane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	bis(2-Chloroethyl) ether	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	bis(2-Ethylhexyl)phthalate	NC	NC	NC	NC	NC	--	NC	8.40E+00	2.00E-02	6.00E-01	2.00E-02	R4 Birds	NC	NC	NC	--	NC	NC	NC	NC	--	2.00E-02	--	--	2.00E-02	R4 Birds
SVOCs	bis(4-Chlorophenyl) disulfide	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	bis(4-Chlorophenyl) sulfone	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	Butylbenzylphthalate	NC	NC	NC	NC	NC	--	NC	5.90E-01	NC	9.00E+01	5.90E-01	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	9.00E+01	--	--	5.90E-01	R4 Inverts
SVOCs	Carbazole	NC	NC	NC	NC	NC	--	NC	7.00E-02	NC	7.90E+01	7.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	7.90E+01	--	--	7.00E-02	R4 Inverts
SVOCs	Dibenzofuran	NC	NC	NC	NC	NC	--	6.10E+00	1.50E-01	NC	NC	1.50E-01	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	6.10E+00	--	--	1.50E-01	R4 Inverts
SVOCs	Diethylphthalate	NC	NC	NC	NC	NC	--	1.00E+02	2.50E-01	NC	3.60E+03	2.50E-01	R4 Inverts	NC	NC	NC	--	NC	NC	1.00E+02	1.00E+02	ORNL Plants	1.00E+02	--	--	2.50E-01	R4 Inverts
SVOCs	Dimethylphthalate	NC	NC	NC	NC	NC	--	NC	1.00E+01	NC	3.80E+01	1.00E+01	R4 Inverts	NC	NC	NC	--	2.00E+02	NC	NC	2.00E+02	ORNL Inverts	1.00E+01	--	--	1.00E+01	R4 Inverts
SVOCs	Di-n-butylphthalate	NC	NC	NC	NC	NC	--	1.60E+02	2.20E-01	1.10E-02	1.80E+02	1.10E-02	R4 Birds	NC	NC	NC	--	NC	NC	2.00E+02	2.00E+02	ORNL Plants	1.10E-02	--	--	1.10E-02	R4 Birds
SVOCs	Di-n-octylphthalate	NC	NC	NC	NC	NC	--	NC	3.03E+02	NC	9.10E-01	9.10E-01	R4 Mammals	NC	NC	NC	--	NC	NC	NC	NC	--	9.10E-01	--	--	9.10E-01	R4 Mammals
SVOCs	Diphenyl disulfide	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--

TABLE 2-3: Surface Soil Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Eco-SSL for Plants (a) (mg/kg)	Eco-SSL for Soil Inverte-brates (a) (mg/kg)	Eco-SSL for Birds (a) (mg/kg)	Eco-SSL for Mammals (a) (mg/kg)	Most Sensitive Eco-SSL (mg/kg)	Source	USEPA R4 Soil ESV for Plants (b) (mg/kg)	USEPA R4 ESV for Inverte-brates (b) (mg/kg)	USEPA R4 ESV for Birds (b) (mg/kg)	USEPA R4 ESV for Mammals (b) (mg/kg)	USEPA R4 Most Sensitive Soil ESV (mg/kg)	Source	USEPA R6 Earthworms (c) (mg/kg)	USEPA R6 Plants (c) (mg/kg)	USEPA R6 Most Sensitive ESV (mg/kg)	Source	ORNL Inverte-brates (d) (mg/kg)	ORNL Microbes (d) (mg/kg)	ORNL Plants (d) (mg/kg)	ORNL Most Sensitive Soil ESV (mg/kg)	Source	LANL EcoRisk Database Min NOAEL TRV (e) (mg/kg or pCi/g)	Other Screening Criteria (f) (mg/kg)	Source Of Other Screening Values	Final SLERA ESV (g) (mg/kg or pCi/g)	Source of Final ESV
SVOCs	Diphenyl sulfide	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	Diphenyl sulfone	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	Hexachlorobutadiene	NC	NC	NC	NC	NC	--	NC	9.00E-03	NC	4.00E-02	9.00E-03	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	9.00E-03	R4 Inverts
SVOCs	Hexachlorocyclopentadiene	NC	NC	NC	NC	NC	--	1.00E+01	1.00E-03	NC	7.55E-01	1.00E-03	R4 Inverts	NC	1.00E-01	1.00E-01	R6 Plants	NC	NC	1.00E+01	1.00E+01	ORNL Plants	NC	--	--	1.00E-03	R4 Inverts
SVOCs	Hexachloroethane	NC	NC	NC	NC	NC	--	NC	2.40E-02	NC	6.00E-01	2.40E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	2.40E-02	R4 Inverts
SVOCs	Hydroxymethyl phthalimide	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	Isophorone	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	Nitrobenzene	NC	NC	NC	NC	NC	--	NC	2.20E+00	NC	4.80E+00	2.20E+00	R4 Inverts	2.26E+00	NC	2.26E+00	R6 Earthworms	4.00E+01	1.00E+03	NC	4.00E+01	ORNL Inverts	2.20E+00	--	--	2.20E+00	R4 Inverts
SVOCs	n-Nitroso-di-n-propylamine	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	n-Nitrosodiphenylamine	NC	NC	NC	NC	NC	--	NC	2.00E+01	NC	5.45E-01	5.45E-01	R4 Mammals	NC	NC	NC	--	2.00E+01	NC	NC	2.00E+01	ORNL Inverts	NC	--	--	5.45E-01	R4 Mammals
SVOCs	Octachlorostyrene	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
SVOCs	Pentachlorobenzene	NC	NC	NC	NC	NC	--	NC	2.00E+01	NC	5.00E-01	5.00E-01	R4 Mammals	1.15E+00	NC	1.15E+00	R6 Earthworms	2.00E+01	NC	NC	2.00E+01	ORNL Inverts	NC	--	--	5.00E-01	R4 Mammals
SVOCs	Pentachlorophenol	5.00E+00	3.10E+01	2.10E+00	2.80E+00	2.10E+00	Eco-SSL Birds	5.00E+00	3.10E+01	2.10E+00	2.80E+00	2.10E+00	R4 Birds	1.00E+01	1.73E+00	1.73E+00	R6 Plants	6.00E+00	4.00E+02	3.00E+00	3.00E+00	ORNL Plants	3.60E-01	--	--	2.10E+00	Eco-SSL Birds
SVOCs	Phenol	NC	NC	NC	NC	NC	--	7.90E-01	1.80E+00	NC	3.70E+01	7.90E-01	R4 Plants	NC	NC	NC	--	3.00E+01	1.00E+02	7.00E+01	3.00E+01	ORNL Inverts	7.90E-01	--	--	7.90E-01	R4 Plants
SVOCs	Pyridine	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
TPH	EFH (C10-C40)	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	8.12E+01	--	--	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)
TPH	Oil Range Organics	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	8.12E+01	--	--	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)
TPH	Petroleum Hydrocarbons (C23-C40)	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	8.12E+01	--	--	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)
TPH	Petroleum Hydrocarbons (C29-C40)	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	8.12E+01	--	--	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)
TPH	Total petroleum hydrocarbon-diesel	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	8.12E+01	--	--	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)
TPH	Total petroleum hydrocarbon-gasoline	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	8.12E+01	--	--	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)
VOCs	1,1,1,2-Tetrachloroethane	NC	NC	NC	NC	NC	--	NC	7.00E-02	NC	2.25E+02	7.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	7.00E-02	R4 Inverts
VOCs	1,1,1-Trichloroethane	NC	NC	NC	NC	NC	--	NC	4.00E-02	NC	2.60E+02	4.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	2.60E+02	--	--	4.00E-02	R4 Inverts
VOCs	1,1,2,2-Tetrachloroethane	NC	NC	NC	NC	NC	--	NC	1.90E-01	NC	1.27E-01	1.27E-01	R4 Mammals	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	1.27E-01	R4 Mammals
VOCs	1,1,2-Trichloroethane	NC	NC	NC	NC	NC	--	NC	3.20E-01	NC	2.86E+01	3.20E-01	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	3.20E-01	R4 Inverts
VOCs	1,1-Dichloroethane	NC	NC	NC	NC	NC	--	NC	1.40E-01	NC	2.10E+02	1.40E-01	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	2.10E+02	--	--	1.40E-01	R4 Inverts
VOCs	1,1-Dichloroethene	NC	NC	NC	NC	NC	--	NC	4.00E-02	NC	1.10E+01	4.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	1.10E+01	--	--	4.00E-02	R4 Inverts
VOCs	1,1-Dichloropropene	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	1,2,3-Trichlorobenzene	NC	NC	NC	NC	NC	--	NC	2.00E+01	NC	NC	2.00E+01	R4 Inverts	NC	NC	NC	--	2.00E+01	NC	NC	2.00E+01	ORNL Inverts	NC	--	--	2.00E+01	R4 Inverts
VOCs	1,2,3-Trichloropropane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	1,2,4-Trichlorobenzene	NC	NC	NC	NC	NC	--	NC	1.20E+00	NC	2.70E-01	2.70E-01	R4 Mammals	NC	NC	NC	--	2.00E+01	NC	NC	2.00E+01	ORNL Inverts	2.70E-01	--	--	2.70E-01	R4 Mammals
VOCs	1,2,4-Trimethylbenzene	NC	NC	NC	NC	NC	--	NC	9.00E-02	NC	NC	9.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	9.00E-02	R4 Inverts
VOCs	1,2-Dibromo-3-chloropropane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	1,2-Dibromoethane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	1,2-Dichlorobenzene	NC	NC	NC	NC	NC	--	NC	9.00E-02	NC	9.20E-01	9.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	9.20E-01	--	--	9.00E-02	R4 Inverts
VOCs	1,2-Dichloroethane	NC	NC	NC	NC	NC	--	NC	4.00E-01	8.50E-01	2.70E+01	4.00E-01	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	8.50E-01	--	--	4.00E-01	R4 Inverts
VOCs	1,2-Dichloroethene	NC	NC	NC	NC	NC	--	NC	4.00E-02	NC	2.40E+01	4.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	2.40E+01	--	--	4.00E-02	R4 Inverts
VOCs	1,2-Dichloropropane	NC	NC	NC	NC	NC	--	NC	2.80E-01	NC	3.27E+01	2.80E-01	R4 Inverts	NC	NC	NC	--	7.00E+02	NC	NC	7.00E+02	ORNL Inverts	NC	--	--	2.80E-01	R4 Inverts
VOCs	1,3,5-Trichlorobenzene	NC	NC	NC	NC	NC	--	NC	7.00E-02	NC	NC	7.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	7.00E-02	R4 Inverts
VOCs	1,3,5-Trimethylbenzene	NC	NC	NC	NC	NC	--	NC	1.60E-01	NC	NC	1.60E-01	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	1.60E-01	R4 Inverts
VOCs	1,3-Dichlorobenzene	NC	NC	NC	NC	NC	--	NC	8.00E-02	NC	7.40E-01	8.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	7.40E-01	--	--	8.00E-02	R4 Inverts
VOCs	1,3-Dichloropropane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	1,4-Dichlorobenzene	NC	NC	NC	NC	NC	--	NC	1.20E+00	NC	8.90E-01	8.90E-01	R4 Mammals	NC	NC	NC	--	2.00E+01	NC	NC	2.00E+01	ORNL Inverts	8.90E-01	--	--	8.90E-01	R4 Mammals
VOCs	1-Chlorohexane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	2,2,3-Trimethylbutane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	2,2-Dichloropropane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	2,2-Dimethylpentane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	2,3-Dimethylpentane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	2,4-Dimethylpentane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	2-Butanone	NC	NC	NC	NC	NC	--	NC	1.00E+00	NC	3.50E+02	1.00E+00	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	3.50E+02	--	--	1.00E+00	R4 Inverts
VOCs	2-Chlorotoluene	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	2-Hexanone	NC	NC	NC	NC	NC	--	NC	2.50E+00	3.60E-01	5.40E+00	3.60E-01	R4 Birds	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	3.60E-01	R4 Birds
VOCs	2-Methylhexane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--

TABLE 2-3: Surface Soil Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Eco-SSL for Plants (a) (mg/kg)	Eco-SSL for Soil Inverte-brates (a) (mg/kg)	Eco-SSL for Birds (a) (mg/kg)	Eco-SSL for Mammals (a) (mg/kg)	Most Sensitive Eco-SSL (mg/kg)	Source	USEPA R4 Soil ESV for Plants (b) (mg/kg)	USEPA R4 ESV for Inverte-brates (b) (mg/kg)	USEPA R4 ESV for Birds (b) (mg/kg)	USEPA R4 ESV for Mammals (b) (mg/kg)	USEPA R4 Most Sensitive Soil ESV (mg/kg)	Source	USEPA R6 Earthworms (c) (mg/kg)	USEPA R6 Plants (c) (mg/kg)	USEPA R6 Most Sensitive ESV (mg/kg)	Source	ORNL Inverte-brates (d) (mg/kg)	ORNL Microbes (d) (mg/kg)	ORNL Plants (d) (mg/kg)	ORNL Most Sensitive Soil ESV (mg/kg)	Source	LANL EcoRisk Database Min NOAEL TRV (e) (mg/kg or pCi/g)	Other Screening Criteria (f) (mg/kg)	Source Of Other Screening Values	Final SLERA ESV (g) (mg/kg or pCi/g)	Source of Final ESV
VOCs	2-Nitropropane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	3,3-Dimethylpentane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	3-Ethylpentane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	3-Methylhexane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	4-Chlorotoluene	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	4-Methyl-2-pentanone	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	9.70E+00	--	--	9.70E+00	LANL Min NOAEL TRV
VOCs	Acetone	NC	NC	NC	NC	NC	--	NC	4.00E-02	7.50E+00	1.20E+00	4.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	1.20E+00	--	--	4.00E-02	R4 Inverts
VOCs	Acetonitrile	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Benzene	NC	NC	NC	NC	NC	--	NC	1.20E-01	NC	2.40E+01	1.20E-01	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	2.40E+01	--	--	1.20E-01	R4 Inverts
VOCs	Bromobenzene	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Bromochloromethane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Bromodichloromethane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Bromoform	NC	NC	NC	NC	NC	--	NC	7.00E-02	NC	1.59E+01	7.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	7.00E-02	R4 Inverts
VOCs	Bromomethane	NC	NC	NC	NC	NC	--	NC	2.00E-03	NC	2.40E-01	2.00E-03	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	2.00E-03	R4 Inverts
VOCs	Carbon disulfide	NC	NC	NC	NC	NC	--	NC	5.00E-03	NC	8.10E-01	5.00E-03	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	8.10E-01	--	--	5.00E-03	R4 Inverts
VOCs	Carbon tetrachloride	NC	NC	NC	NC	NC	--	NC	5.00E-02	NC	2.98E+00	5.00E-02	R4 Inverts	NC	NC	NC	--	NC	1.00E+03	NC	1.00E+03	ORNL Microbes	NC	--	--	5.00E-02	R4 Inverts
VOCs	Chlorobenzene	NC	NC	NC	NC	NC	--	NC	2.40E+00	NC	4.30E+01	2.40E+00	R4 Inverts	NC	NC	NC	--	4.00E+01	NC	NC	4.00E+01	ORNL Inverts	2.40E+00	--	--	2.40E+00	R4 Inverts
VOCs	Chloroethane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Chloroform	NC	NC	NC	NC	NC	--	NC	5.00E-02	NC	8.00E+00	5.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	8.00E+00	--	--	5.00E-02	R4 Inverts
VOCs	Chloromethane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	cis-1,2-Dichloroethene	NC	NC	NC	NC	NC	--	NC	4.00E-02	NC	NC	4.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	4.00E-02	R4 Inverts
VOCs	cis-1,3-Dichloropropene	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Cumene	NC	NC	NC	NC	NC	--	NC	4.00E-02	NC	NC	4.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	4.00E-02	R4 Inverts
VOCs	Dibromochloromethane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Dibromomethane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Dichlorodifluoromethane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Diisopropyl ether	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Dimethyl disulfide	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Ethanol	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Ethyl benzene	NC	NC	NC	NC	NC	--	NC	2.70E-01	NC	5.16E+00	2.70E-01	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	2.70E-01	R4 Inverts
VOCs	Ethyl tert-butyl ether	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Ethylene glycol	NC	NC	NC	NC	NC	--	NC	3.10E-01	NC	NC	3.10E-01	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	3.10E-01	R4 Inverts
VOCs	Formaldehyde	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Freon 113	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Iodomethane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	3.80E-02	--	--	3.80E-02	LANL Min NOAEL TRV
VOCs	m,p-Xylene	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	1.00E-01	R4 Xylenes (total) as surrogate	1.00E-01	R4 Xylenes (total) as surrogate
VOCs	Methanol	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Methyl tert-butyl ether	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Methylene Chloride	NC	NC	NC	NC	NC	--	1.60E+03	2.10E-01	NC	2.60E+00	2.10E-01	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	2.60E+00	--	--	2.10E-01	R4 Inverts
VOCs	n-Butylbenzene	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	1.00E+01	R4 Dimethylphthalate as surrogate	1.00E+01	R4 Dimethylphthalate as surrogate
VOCs	n-Heptane	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	n-Nonyl aldehyde	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	n-Propylbenzene	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	1.00E+01	R4 Dimethylphthalate as surrogate	1.00E+01	R4 Dimethylphthalate as surrogate
VOCs	o-Xylene	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	1.00E-01	R4 Xylenes (total) as surrogate	1.00E-01	R4 Xylenes (total) as surrogate
VOCs	p-Cymene	NC	NC	NC	NC	NC	--	NC	1.80E-01	NC	NC	1.80E-01	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	1.80E-01	R4 Inverts
VOCs	sec-Butylbenzene	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Styrene	NC	NC	NC	NC	NC	--	3.20E+00	1.20E+00	NC	NC	1.20E+00	R4 Inverts	NC	NC	NC	--	NC	NC	3.00E+02	3.00E+02	ORNL Plants	1.20E+00	--	--	1.20E+00	R4 Inverts
VOCs	t-Amyl methyl ether	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	tert Butyl alcohol	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	tert-Butylbenzene	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Tetrachloroethene	NC	NC	NC	NC	NC	--	1.00E+01	6.00E-02	NC	1.80E-01	6.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	1.80E-01	--	--	6.00E-02	R4 Inverts
VOCs	Toluene	NC	NC	NC	NC	NC	--	2.00E+02	1.50E-01	NC	2.30E+01	1.50E-01	R4 Inverts	NC	NC	NC	--	NC	NC	2.00E+02	2.00E+02	ORNL Plants	2.30E+01	--	--	1.50E-01	R4 Inverts
VOCs	trans-1,2-Dichloroethene	NC	NC	NC	NC	NC	--	NC	4.00E-02	NC	7.84E-01	4.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	4.00E-02	R4 Inverts
VOCs	trans-1,3-Dichloropropene	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Trichloroethene	NC	NC	NC	NC	NC	--	NC	6.00E-02	NC	4.20E+01	6.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	4.20E+01	--	--	6.00E-02	R4 Inverts
VOCs	Trichlorofluoromethane	NC	NC	NC	NC	NC	--	NC	NC	NC	1.64E+01	1.64E+01	R4 Mammals	NC	NC	NC	--	NC	NC	NC	NC	--	5.20E+01	--	--	1.64E+01	R4 Mammals
VOCs	Vinyl acetate	NC	NC	NC	NC	NC	--	NC	NC	NC	NC	--	--	NC	NC	NC	--	NC	NC	NC	NC	--	NC	--	--	NC	--
VOCs	Vinyl chloride	NC	NC	NC	NC	NC	--	NC	3.00E-02	NC	1.20E-01	3.00E-02	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	1.20E-01	--	--	3.00E-02	R4 Inverts
VOCs	Xylenes (total)	NC	NC	NC	NC	NC	--	1.00E+02	1.00E-01	4.10E+01	1.40E+00	1.00E-01	R4 Inverts	NC	NC	NC	--	NC	NC	NC	NC	--	1.40E+00	--	--	1.00E-01	R4 Inverts

TABLE 2-3: Surface Soil Ecological Screening Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

(a) Ecological Soil Screening Levels (USEPA 2007): http://www.epa.gov/oswer/riskassessment/ecorisk/ecossl.htm.

(b) USEPA Region 4. 2018. "Region 4 Ecological Risk Assessment Supplemental Guidance". March. The USEPA Region 4 guidance lists ESVs for plants, soil invertebrates, mammals, and birds and uses the minimum ESV as their preferred ESV for soil screening. For some chemicals (e.g., alpha-BHC and atrazine), the preferred ESV is listed as 0.0 when there are ESVs listed for at least one receptor. For these chemicals, Ramboll assumed that the 0.0 was a mistake and used the minimum ESV listed as the preferred screening ESV.

(c) USEPA Region 6. 1999. Screening Level Ecological Risk Assessment Protocol for Hazardous Waste Combustion Facilities (EPA530-D-99-001A). August.

(d) ORNL ESVs are from Efroymson, R.A. , M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, TN. ES/ER/TM-126/R2. (Available at http://www.esd.ornl.gov/programs/ecorisk/documents/tm126r21.pdf)

(e) These are minimum NOAEL TRVS from Los Alamos National Laboratory EcoRisk database (Version 4.2). N3B (Newport News Nuclear BWXT-Los Alamos, LLC), November 2020. "ECORISK Database (Release 4.2)," on CD, Newport News Nuclear BWXT-Los Alamos, LLC, document EM2020-0575, Los Alamos, New Mexico. Radionuclide units are pCi/g, otherwise units are mg/kg.

(f) These values were only used if none of the preferred sources of screening values had a value.

(g) Values are selected based on the following hierarchy: Eco-SSLs; Region 4 ESVs; Region 6 ESVs; ORNL ESVs; and other criteria. Radionuclide units are pCi/g, otherwise units are mg/kg.

(h) For strontium (stable), the USEPA Region 4 guidance document lists 95 mg/kg as the mammal ESV, but 96 mg/kg is listed as the preferred ESV. The USEPA Region 4 cites the LANL EcoRisk database as the source of the ESV. Ramboll reviewed the LANL database and the ESV listed there is 95 mg/kg for mammals; as such, the 95 mg/kg ESV was used for this table.

(i) USEPA 2002: USEPA. 2002. Perchlorate Environmental Contamination: Toxicological Review and Risk Characterization. NCEA-1-0503. External Review Draft. http://oaspub.epa.gov/eims/eimscomm.getfile?p_download_id=36247.

BHC = Benzene hexachloride.
CO3 = Carbonate
DDD = Dichlorodiphenyldichloroethane.
DDE = Dichlorodiphenyldichloroethylene.
DDT = Dichlordiphenyltrichloroethane.
DDx = Sum of DDT and its isomers
DL = Detection level
Eco-SSL = Ecological soil screening levels
EFH = Extractable fuel hydrocarbons
EPN = O-Ethyl O-(4-nitrophenyl) phenylphosphonothioate
ESVs = Ecological screening values
HCO3 = Bicarbonate
HMW = High molecular weight.
Inverts = Invertebrates
LANL = Los Alamos National Laboratory
LMW = Low molecular weight.
mg/kg = Milligram per kilogram.
Min = Minimum
NC = No criteria available
NOAEL = No observed adverse effect level
OCP = Organochlorine pesticides
OPP = Organophosphate pesticides
ORNL = Oak Ridge National Laboratory
PAHs = Polycyclic aromatic hydrocarbons.
PCBs = Polychlorinated biphenyls
pCi/g = picoCuries per gram
R4 = Region 4
R6 = Region 6
RAD = Radionuclide compounds
SLERA = Screening-level ecological risk assessment.
SVOCs = Semi-volatile organic compounds
TCDD = 2,3,7,8-Tetrachlorodibenzodioxin
TEQ = Toxicity equivalancy quotient
TPH = Total petroleum hydrocarbons
TRV = Toxicity reference value
USEPA = United States Environmental Protection Agency
VOCs = Volatile organic compounds

TABLE 2-4a: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
Chlorine Oxyanions	Chlorate	mg/kg	172	132	3.90E-02	5.19E+01	2.58E+03
Chlorine Oxyanions	Perchlorate	mg/kg	210	201	1.40E-02	1.00E+02	4.47E+03
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	mg/kg	242	238	9.59E-08	9.20E-04	4.49E-02
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	mg/kg	242	238	5.46E-08	4.78E-04	3.14E-02
General Chemistry	Ammonia	mg/kg	132	34	1.46E-01	4.13E+00	1.62E+02
General Chemistry	Bromide	mg/kg	141	13	2.00E-01	9.08E-01	4.70E+00
General Chemistry	Chlorite	mg/kg	7	0	ND	2.00E-02	ND
General Chemistry	Cyanide (total)	mg/kg	74	0	ND	2.10E-01	ND
General Chemistry	Fluoride	mg/kg	7	2	7.50E-01	3.57E-01	1.10E+00
General Chemistry	Hydroxide	mg/kg	37	0	ND	8.45E+01	ND
General Chemistry	Nitrate	mg/kg	150	143	7.97E-01	6.48E+01	2.28E+03
General Chemistry	Nitrate/Nitrite	mg/kg	45	45	6.20E+00	3.72E+01	2.39E+02
General Chemistry	Nitrite	mg/kg	142	17	8.00E-02	9.09E-01	7.10E+00
General Chemistry	ortho-Phosphate	mg/kg	47	6	6.00E+00	3.34E+01	9.97E+02
General Chemistry	Sulfate	mg/kg	142	140	5.40E+00	1.26E+03	1.95E+04
Metals	Aluminum	mg/kg	164	162	3.90E+03	8.61E+03	1.30E+04
Metals	Antimony	mg/kg	175	52	1.10E-01	4.06E-01	2.40E+00
Metals	Arsenic	mg/kg	274	272	1.34E+00	3.74E+00	3.92E+01
Metals	Barium	mg/kg	178	176	3.20E+01	1.81E+02	4.40E+02
Metals	Beryllium	mg/kg	110	110	2.76E-01	4.64E-01	6.20E-01
Metals	Boron	mg/kg	178	171	2.50E+00	2.62E+01	1.51E+03
Metals	Cadmium	mg/kg	178	90	4.00E-02	2.71E-01	8.88E+00
Metals	Chromium (total)	mg/kg	178	176	3.48E+00	1.29E+01	9.82E+01
Metals	Chromium VI	mg/kg	154	30	1.20E-01	6.03E-01	2.03E+01
Metals	Cobalt	mg/kg	197	194	1.70E+00	1.21E+01	2.67E+02
Metals	Copper	mg/kg	178	176	1.03E+01	2.28E+01	1.10E+02
Metals	Iron	mg/kg	178	178	2.90E+02	1.67E+04	1.40E+05
Metals	Lead	mg/kg	190	186	4.10E+00	1.47E+01	2.67E+02
Metals	Lithium	mg/kg	7	7	9.90E+00	1.37E+01	2.19E+01
Metals	Magnesium	mg/kg	197	196	4.50E+02	1.45E+04	1.89E+05
Metals	Manganese	mg/kg	214	214	7.71E+01	3.11E+03	2.50E+05
Metals	Mercury	mg/kg	179	153	5.00E-03	5.21E-02	1.80E+00
Metals	Molybdenum	mg/kg	178	128	2.30E-01	1.48E+00	4.10E+01
Metals	Nickel	mg/kg	178	175	2.50E+00	1.62E+01	9.84E+01
Metals	Niobium	mg/kg	37	3	2.30E+00	1.35E+00	9.20E+00
Metals	Palladium	mg/kg	30	7	3.30E-01	1.22E-01	5.30E-01
Metals	Phosphorus (total)	mg/kg	136	134	1.60E+02	8.85E+02	1.60E+03
Metals	Platinum	mg/kg	110	75	5.00E-03	1.42E-02	1.60E-01
Metals	Selenium	mg/kg	170	17	1.10E-01	3.91E-01	3.40E+00
Metals	Silicon	mg/kg	36	36	4.20E+01	1.29E+02	2.60E+02
Metals	Silver	mg/kg	178	31	3.40E-02	4.84E-01	1.70E+00
Metals	Strontium	mg/kg	155	153	6.30E+01	1.69E+02	4.20E+02
Metals	Sulfur	mg/kg	32	25	2.90E+02	1.20E+03	1.40E+04
Metals	Thallium	mg/kg	178	111	6.00E-02	1.96E-01	8.42E+00
Metals	Tin	mg/kg	110	109	4.30E-01	3.70E+00	1.07E+01
Metals	Titanium	mg/kg	110	110	3.64E+02	7.37E+02	1.27E+03
Metals	Tungsten	mg/kg	155	112	1.00E-01	2.86E+00	9.40E+00
Metals	Uranium (total)	mg/kg	141	141	9.90E-02	9.34E-01	2.70E+00
Metals	Vanadium	mg/kg	124	124	8.60E+00	4.12E+01	6.76E+01
Metals	Zinc	mg/kg	164	161	2.15E+01	4.67E+01	8.90E+02
Metals	Zirconium	mg/kg	52	43	1.40E+01	2.16E+01	4.30E+01
OCPs	2,4,5-TP	mg/kg	1	0	ND	1.05E-02	ND
OCPs	2,4'-DDD	mg/kg	7	0	ND	7.79E-04	ND
OCPs	2,4'-DDE	mg/kg	44	18	1.80E-03	4.68E-03	4.20E-02
OCPs	4,4'-DDD	mg/kg	126	4	2.70E-03	2.84E-03	1.60E-02
OCPs	4,4'-DDE	mg/kg	126	53	4.10E-04	6.73E-02	3.50E+00
OCPs	4,4'-DDT	mg/kg	126	42	7.90E-04	2.17E-02	7.70E-01
OCPs	Calculated DDx (ND=0.5DL)	mg/kg	126	60	1.02E-03	9.35E-02	4.30E+00
OCPs	Aldrin	mg/kg	126	0	ND	1.54E-03	ND

TABLE 2-4a: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
OCPs	alpha-BHC	mg/kg	126	2	8.00E-04	1.56E-03	5.10E-03
OCPs	alpha-Chlordane	mg/kg	126	0	ND	1.69E-03	ND
OCPs	beta-BHC	mg/kg	126	69	7.20E-04	3.84E-02	8.70E-01
OCPs	Chlordane (total)	mg/kg	86	0	ND	9.33E-03	ND
OCPs	delta-BHC	mg/kg	126	0	ND	1.66E-03	ND
OCPs	Dieldrin	mg/kg	126	0	ND	2.30E-03	ND
OCPs	Endosulfan I	mg/kg	126	0	ND	1.48E-03	ND
OCPs	Endosulfan II	mg/kg	126	0	ND	2.38E-03	ND
OCPs	Endosulfan sulfate	mg/kg	126	0	ND	2.45E-03	ND
OCPs	Endrin	mg/kg	126	2	7.00E-04	2.42E-03	5.40E-03
OCPs	Endrin aldehyde	mg/kg	126	0	ND	2.29E-03	ND
OCPs	Endrin ketone	mg/kg	126	0	ND	2.73E-03	ND
OCPs	gamma-BHC	mg/kg	126	0	ND	1.71E-03	ND
OCPs	gamma-Chlordane	mg/kg	126	1	1.40E-03	1.56E-03	1.40E-03
OCPs	Heptachlor	mg/kg	126	0	ND	1.80E-03	ND
OCPs	Heptachlor epoxide	mg/kg	126	0	ND	1.79E-03	ND
OCPs	Hexachlorobenzene	mg/kg	259	141	3.20E-04	1.30E-01	4.60E+00
OCPs	Methoxychlor	mg/kg	126	2	9.10E-04	1.14E-02	3.10E-01
OCPs	Toxaphene	mg/kg	126	0	ND	4.81E-02	ND
OPPs	Atrazine	mg/kg	25	0	ND	6.14E-03	ND
OPPs	Chlorpyrifos	mg/kg	50	0	ND	5.16E-03	ND
OPPs	Coumaphos	mg/kg	50	0	ND	2.80E-03	ND
OPPs	Dasanit	mg/kg	50	0	ND	4.90E-03	ND
OPPs	Demeton (O + S)	mg/kg	25	0	ND	3.79E-03	ND
OPPs	Demeton-O	mg/kg	50	0	ND	7.19E-03	ND
OPPs	Demeton-S	mg/kg	50	0	ND	3.89E-03	ND
OPPs	Diazinon	mg/kg	50	0	ND	5.71E-03	ND
OPPs	Dichlorovos	mg/kg	50	0	ND	5.92E-03	ND
OPPs	Dimethoate	mg/kg	50	1	9.10E-03	5.74E-03	9.10E-03
OPPs	Disulfoton	mg/kg	50	0	ND	9.33E-03	ND
OPPs	EPN	mg/kg	50	0	ND	3.15E-03	ND
OPPs	Ethoprop	mg/kg	50	0	ND	3.92E-03	ND
OPPs	Famphur	mg/kg	50	0	ND	2.97E-03	ND
OPPs	Fenthion	mg/kg	50	0	ND	7.77E-03	ND
OPPs	Guthion	mg/kg	50	0	ND	3.08E-03	ND
OPPs	Malathion	mg/kg	50	0	ND	3.81E-03	ND
OPPs	Merphos	mg/kg	50	0	ND	5.95E-03	ND
OPPs	Methyl parathion	mg/kg	50	0	ND	5.12E-03	ND
OPPs	Mevinphos	mg/kg	50	0	ND	3.80E-03	ND
OPPs	Naled	mg/kg	50	0	ND	3.17E-02	ND
OPPs	Parathion	mg/kg	50	0	ND	4.43E-03	ND
OPPs	Phorate	mg/kg	50	0	ND	4.86E-03	ND
OPPs	Prothiophos	mg/kg	50	0	ND	4.16E-03	ND
OPPs	Ronnel	mg/kg	50	0	ND	8.31E-03	ND
OPPs	Simazine	mg/kg	25	0	ND	1.11E-02	ND
OPPs	Stirophos	mg/kg	50	1	4.10E-02	4.46E-03	4.10E-02
OPPs	Sulfotepp	mg/kg	50	0	ND	5.08E-03	ND
OPPs	Sulprofos	mg/kg	50	0	ND	3.37E-03	ND
OPPs	Thionazin	mg/kg	50	0	ND	4.54E-03	ND
OPPs	Trichloronate	mg/kg	50	0	ND	5.08E-03	ND
Organics	4-Chlorobenzenesulfonic acid	mg/kg	13	0	ND	1.25E-01	ND
Organics	Benzenesulfonic acid	mg/kg	13	0	ND	1.25E-01	ND
Organics	Diethylphosphorodithioate	mg/kg	13	0	ND	1.25E-01	ND
Organics	o,o-Dimethyl Phosphorodithioate	mg/kg	13	0	ND	6.50E-01	ND
Organics	Phthalic acid	mg/kg	34	0	ND	3.41E-01	ND
PAHs	Calculated HMW PAHs (ND=0.5DL)	mg/kg	227	63	4.10E-03	1.91E-01	1.47E+00
PAHs	Calculated LMW PAHs (ND=0.5DL)	mg/kg	228	50	1.20E-03	1.48E-01	4.54E-01

TABLE 2-4a: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
PAHs	Calculated Total PAHs (ND=0.5DL)	mg/kg	227	73	1.35E-03	3.39E-01	1.68E+00
PCBs	Aroclor-1016	mg/kg	25	0	ND	1.37E-02	ND
PCBs	Aroclor-1221	mg/kg	25	0	ND	1.84E-02	ND
PCBs	Aroclor-1232	mg/kg	25	0	ND	1.38E-02	ND
PCBs	Aroclor-1242	mg/kg	25	0	ND	1.57E-02	ND
PCBs	Aroclor-1248	mg/kg	25	0	ND	1.43E-02	ND
PCBs	Aroclor-1254	mg/kg	25	0	ND	1.37E-02	ND
PCBs	Aroclor-1260	mg/kg	64	3	4.80E-02	1.88E-02	2.70E-01
PCBs	Calculated Aroclor-1242 (ND=0.5DL)	mg/kg	37	37	1.66E-05	1.66E-03	1.08E-02
PCBs	Calculated Aroclor-1248 (ND=0.5DL)	mg/kg	37	37	2.71E-05	3.51E-03	2.90E-02
PCBs	Calculated Aroclor-1254 (ND=0.5DL)	mg/kg	37	37	6.46E-05	1.22E-02	1.34E-01
PCBs	Calculated Aroclor-1260 (ND=0.5DL)	mg/kg	37	37	7.62E-05	2.38E-02	2.74E-01
PCBs	Calculated Total PCBs (ND=0.5DL)	mg/kg	37	37	2.96E-04	1.18E-01	8.59E-01
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	mg/kg	37	37	3.93E-08	1.64E-05	1.07E-04
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	mg/kg	37	37	2.04E-08	9.05E-06	5.98E-05
RAD	Lead-210	pCi/g	1	1	6.87E-01	6.87E-01	6.87E-01
RAD	Lead-212	pCi/g	1	1	1.78E+00	1.78E+00	1.78E+00
RAD	Radium-226	pCi/g	144	144	7.38E-02	8.72E-01	2.53E+00
RAD	Radium-228	pCi/g	144	144	-5.20E-02	1.25E+00	2.42E+00
RAD	Thorium-228	pCi/g	136	136	2.22E-02	1.68E+00	2.66E+00
RAD	Thorium-230	pCi/g	136	136	3.92E-02	1.04E+00	3.30E+00
RAD	Thorium-232	pCi/g	136	136	8.76E-03	1.51E+00	2.52E+00
RAD	Uranium-234	pCi/g	128	128	7.36E-02	9.34E-01	3.43E+00
RAD	Uranium-235	pCi/g	128	128	-7.66E-02	4.91E-02	2.29E-01
RAD	Uranium-238	pCi/g	128	128	2.64E-02	9.05E-01	3.33E+00
SVOCs	1,2,4,5-Tetrachlorobenzene	mg/kg	7	0	ND	1.73E-02	ND
SVOCs	1,2-Diphenylhydrazine	mg/kg	7	0	ND	1.73E-02	ND
SVOCs	1,4-Dioxane	mg/kg	184	0	ND	3.28E-02	ND
SVOCs	2,2'-/4,4'-Dichlorobenzil	mg/kg	7	0	ND	8.00E-02	ND
SVOCs	2,4,5-Trichlorophenol	mg/kg	45	0	ND	1.27E-01	ND
SVOCs	2,4,6-Trichlorophenol	mg/kg	45	1	2.10E-01	7.83E-02	2.10E-01
SVOCs	2,4-Dichlorophenol	mg/kg	45	0	ND	6.75E-02	ND
SVOCs	2,4-Dimethylphenol	mg/kg	45	0	ND	1.27E-01	ND
SVOCs	2,4-Dinitrophenol	mg/kg	45	0	ND	3.42E-01	ND
SVOCs	2,4-Dinitrotoluene	mg/kg	46	0	ND	8.18E-02	ND
SVOCs	2,6-Dinitrotoluene	mg/kg	46	0	ND	9.59E-02	ND
SVOCs	2-Chloronaphthalene	mg/kg	46	1	4.20E-01	7.74E-02	4.20E-01
SVOCs	2-Chlorophenol	mg/kg	45	1	1.70E-01	7.32E-02	1.70E-01
SVOCs	2-Methylphenol	mg/kg	45	0	ND	8.70E-02	ND
SVOCs	2-Nitroaniline	mg/kg	46	0	ND	6.90E-02	ND
SVOCs	2-Nitrophenol	mg/kg	45	0	ND	1.30E-01	ND
SVOCs	3&4-Methylphenol	mg/kg	45	1	1.10E+00	1.56E-01	1.10E+00
SVOCs	3,3'-Dichlorobenzidine	mg/kg	46	0	ND	1.50E-01	ND
SVOCs	3-Nitroaniline	mg/kg	46	0	ND	1.33E-01	ND
SVOCs	4-Bromophenyl-phenyl ether	mg/kg	46	0	ND	7.61E-02	ND
SVOCs	4-Chloro-3-methylphenol	mg/kg	45	1	3.20E-01	7.66E-02	3.20E-01
SVOCs	4-Chloroaniline	mg/kg	46	0	ND	1.33E-01	ND
SVOCs	4-Chlorophenyl-phenyl ether	mg/kg	46	0	ND	8.55E-02	ND
SVOCs	4-Chlorothioanisole	mg/kg	7	0	ND	3.98E-03	ND
SVOCs	4-Chlorothiophenol	mg/kg	7	0	ND	9.71E-02	ND
SVOCs	4-Nitroaniline	mg/kg	46	0	ND	1.57E-01	ND
SVOCs	4-Nitrophenol	mg/kg	45	0	ND	1.61E-01	ND
SVOCs	Acetophenone	mg/kg	7	0	ND	1.73E-02	ND

TABLE 2-4a: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
SVOCs	Aniline	mg/kg	46	0	ND	8.55E-02	ND
SVOCs	Azobenzene	mg/kg	7	0	ND	1.73E-02	ND
SVOCs	Benzenethiol	mg/kg	7	0	ND	6.43E-02	ND
SVOCs	Benzidine	mg/kg	33	0	ND	8.21E-01	ND
SVOCs	Benzoic acid	mg/kg	45	0	ND	3.24E-01	ND
SVOCs	Benzyl alcohol	mg/kg	46	0	ND	1.50E-01	ND
SVOCs	bis(2-Chloro-1-methylethyl) ether	mg/kg	7	0	ND	1.73E-02	ND
SVOCs	bis(2-Chloroethoxy)methane	mg/kg	46	0	ND	1.33E-01	ND
SVOCs	bis(2-Chloroethyl) ether	mg/kg	46	0	ND	7.18E-02	ND
SVOCs	bis(2-Ethylhexyl)phthalate	mg/kg	224	23	8.30E-02	9.12E-02	8.20E-01
SVOCs	bis(4-Chlorophenyl) disulfide	mg/kg	7	0	ND	1.06E-01	ND
SVOCs	bis(4-Chlorophenyl) sulfone	mg/kg	7	0	ND	1.65E-01	ND
SVOCs	Butylbenzylphthalate	mg/kg	224	4	3.30E-03	3.94E-02	4.30E-03
SVOCs	Carbazole	mg/kg	7	0	ND	1.73E-02	ND
SVOCs	Dibenzofuran	mg/kg	46	1	2.00E-01	7.26E-02	2.00E-01
SVOCs	Diethylphthalate	mg/kg	224	1	3.50E-01	6.98E-02	3.50E-01
SVOCs	Dimethylphthalate	mg/kg	224	18	1.50E-03	3.60E-02	1.90E-01
SVOCs	Di-n-butylphthalate	mg/kg	224	48	3.50E-02	7.41E-02	1.70E+00
SVOCs	Di-n-octylphthalate	mg/kg	224	1	8.80E-02	3.41E-02	8.80E-02
SVOCs	Diphenyl disulfide	mg/kg	7	0	ND	1.51E-02	ND
SVOCs	Diphenyl sulfide	mg/kg	7	0	ND	1.84E-03	ND
SVOCs	Diphenyl sulfone	mg/kg	7	0	ND	3.47E-03	ND
SVOCs	Hexachlorobutadiene	mg/kg	171	5	4.10E-04	1.33E-03	4.50E-03
SVOCs	Hexachlorocyclopentadiene	mg/kg	46	0	ND	1.57E-01	ND
SVOCs	Hexachloroethane	mg/kg	46	0	ND	1.33E-01	ND
SVOCs	Hydroxymethyl phthalimide	mg/kg	7	0	ND	2.27E-02	ND
SVOCs	Isophorone	mg/kg	46	1	2.70E-01	7.41E-02	2.70E-01
SVOCs	Nitrobenzene	mg/kg	224	0	ND	3.20E-02	ND
SVOCs	n-Nitroso-di-n-propylamine	mg/kg	46	0	ND	7.18E-02	ND
SVOCs	n-Nitrosodiphenylamine	mg/kg	46	0	ND	8.18E-02	ND
SVOCs	Octachlorostyrene	mg/kg	223	36	2.10E-03	5.09E-01	1.30E+00
SVOCs	Pentachlorobenzene	mg/kg	7	0	ND	1.73E-02	ND
SVOCs	Pentachlorophenol	mg/kg	45	0	ND	3.48E-01	ND
SVOCs	Phenol	mg/kg	45	1	9.40E-01	1.09E-01	9.40E-01
SVOCs	Pyridine	mg/kg	224	0	ND	1.24E-01	ND
TPH	EFH (C10-C40)	mg/kg	31	30	2.90E+00	8.95E+01	9.50E+02
TPH	Oil Range Organics	mg/kg	86	2	8.60E+01	2.23E+01	1.30E+02
TPH	Petroleum Hydrocarbons (C29-C40)	mg/kg	31	17	2.60E+00	5.78E+01	6.20E+02
TPH	Total petroleum hydrocarbon-diesel	mg/kg	117	22	2.60E+00	2.22E+01	3.20E+02
TPH	Total petroleum hydrocarbon-gasoline	mg/kg	50	0	ND	1.01E+00	ND
VOCs	1,1,1,2-Tetrachloroethane	mg/kg	171	0	ND	4.81E-04	ND
VOCs	1,1,1-Trichloroethane	mg/kg	171	0	ND	3.94E-04	ND
VOCs	1,1,2,2-Tetrachloroethane	mg/kg	171	0	ND	5.04E-04	ND
VOCs	1,1,2-Trichloroethane	mg/kg	171	0	ND	4.39E-04	ND
VOCs	1,1-Dichloroethane	mg/kg	171	0	ND	4.14E-04	ND
VOCs	1,1-Dichloroethene	mg/kg	171	2	7.90E-04	4.40E-04	8.30E-04
VOCs	1,1-Dichloropropene	mg/kg	171	0	ND	4.38E-04	ND
VOCs	1,2,3-Trichlorobenzene	mg/kg	171	1	1.30E-03	6.07E-04	1.30E-03
VOCs	1,2,3-Trichloropropane	mg/kg	171	0	ND	5.66E-04	ND
VOCs	1,2,4-Trichlorobenzene	mg/kg	171	2	1.10E-03	6.44E-04	3.70E-03
VOCs	1,2,4-Trimethylbenzene	mg/kg	171	6	4.20E-04	5.49E-04	9.50E-04
VOCs	1,2-Dibromo-3-chloropropane	mg/kg	171	0	ND	7.55E-04	ND
VOCs	1,2-Dibromoethane	mg/kg	164	0	ND	4.26E-04	ND
VOCs	1,2-Dichlorobenzene	mg/kg	171	3	2.60E-04	4.24E-04	3.90E-04
VOCs	1,2-Dichloroethane	mg/kg	171	0	ND	4.20E-04	ND

TABLE 2-4a: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
VOCs	1,2-Dichloroethene	mg/kg	7	0	ND	2.84E-04	ND
VOCs	1,2-Dichloropropane	mg/kg	171	0	ND	4.21E-04	ND
VOCs	1,3,5-Trichlorobenzene	mg/kg	7	0	ND	3.53E-04	ND
VOCs	1,3,5-Trimethylbenzene	mg/kg	171	0	ND	5.11E-04	ND
VOCs	1,3-Dichlorobenzene	mg/kg	171	0	ND	4.58E-04	ND
VOCs	1,3-Dichloropropane	mg/kg	171	0	ND	4.17E-04	ND
VOCs	1,4-Dichlorobenzene	mg/kg	171	5	7.20E-04	6.67E-04	1.70E-02
VOCs	1-Chlorohexane	mg/kg	1	0	ND	2.45E-03	ND
VOCs	2,2,3-Trimethylbutane	mg/kg	7	0	ND	1.10E-04	ND
VOCs	2,2-Dichloropropane	mg/kg	171	0	ND	4.82E-04	ND
VOCs	2,2-Dimethylpentane	mg/kg	7	0	ND	1.43E-04	ND
VOCs	2,3-Dimethylpentane	mg/kg	7	0	ND	1.17E-04	ND
VOCs	2,4-Dimethylpentane	mg/kg	7	0	ND	1.01E-04	ND
VOCs	2-Butanone	mg/kg	171	36	6.60E-04	2.20E-03	2.70E-02
VOCs	2-Chlorotoluene	mg/kg	171	0	ND	5.40E-04	ND
VOCs	2-Hexanone	mg/kg	171	2	1.70E-02	1.87E-03	3.90E-02
VOCs	2-Methylhexane	mg/kg	7	0	ND	1.06E-04	ND
VOCs	2-Nitropropane	mg/kg	7	0	ND	9.07E-04	ND
VOCs	3,3-Dimethylpentane	mg/kg	7	0	ND	1.06E-04	ND
VOCs	3-Ethylpentane	mg/kg	7	0	ND	1.10E-04	ND
VOCs	3-Methylhexane	mg/kg	7	0	ND	7.29E-05	ND
VOCs	4-Chlorotoluene	mg/kg	171	0	ND	5.64E-04	ND
VOCs	4-Methyl-2-pentanone	mg/kg	171	1	2.90E-03	1.20E-03	2.90E-03
VOCs	Acetone	mg/kg	171	100	2.30E-03	9.60E-03	1.30E-01
VOCs	Acetonitrile	mg/kg	7	0	ND	1.04E-03	ND
VOCs	Benzene	mg/kg	171	0	ND	4.10E-04	ND
VOCs	Bromobenzene	mg/kg	171	0	ND	4.99E-04	ND
VOCs	Bromochloromethane	mg/kg	171	0	ND	4.99E-04	ND
VOCs	Bromodichloromethane	mg/kg	171	1	4.00E-04	4.17E-04	4.00E-04
VOCs	Bromoform	mg/kg	171	0	ND	5.09E-04	ND
VOCs	Bromomethane	mg/kg	171	0	ND	7.99E-04	ND
VOCs	Carbon disulfide	mg/kg	7	0	ND	2.87E-04	ND
VOCs	Carbon tetrachloride	mg/kg	171	0	ND	4.64E-04	ND
VOCs	Chlorobenzene	mg/kg	171	5	6.40E-04	4.13E-04	1.90E-03
VOCs	Chloroethane	mg/kg	171	0	ND	5.33E-04	ND
VOCs	Chloroform	mg/kg	171	28	3.40E-04	2.18E-03	1.50E-01
VOCs	Chloromethane	mg/kg	171	1	6.20E-04	5.30E-04	6.20E-04
VOCs	cis-1,2-Dichloroethene	mg/kg	171	1	4.10E-03	4.34E-04	4.10E-03
VOCs	cis-1,3-Dichloropropene	mg/kg	171	0	ND	4.46E-04	ND
VOCs	Cumene	mg/kg	171	0	ND	4.30E-04	ND
VOCs	Dibromochloromethane	mg/kg	171	0	ND	4.21E-04	ND
VOCs	Dibromomethane	mg/kg	171	0	ND	4.31E-04	ND
VOCs	Dichlorodifluoromethane	mg/kg	171	0	ND	5.41E-04	ND
VOCs	Diisopropyl ether	mg/kg	164	0	ND	5.52E-04	ND
VOCs	Dimethyl disulfide	mg/kg	7	0	ND	1.11E-04	ND
VOCs	Ethanol	mg/kg	9	0	ND	2.02E-01	ND
VOCs	Ethyl benzene	mg/kg	157	1	5.30E-04	5.80E-04	5.30E-04
VOCs	Ethyl tert-butyl ether	mg/kg	164	1	3.80E-04	5.98E-04	3.80E-04
VOCs	Ethylene glycol	mg/kg	1	0	ND	2.10E+01	ND
VOCs	Formaldehyde	mg/kg	2	2	6.10E-02	7.50E-02	8.90E-02
VOCs	Freon 113	mg/kg	9	0	ND	7.34E-04	ND
VOCs	Iodomethane	mg/kg	7	0	ND	1.34E-04	ND
VOCs	m,p-Xylene	mg/kg	156	5	6.40E-04	4.52E-04	2.30E-03
VOCs	Methanol	mg/kg	1	0	ND	5.50E-01	ND
VOCs	Methyl tert-butyl ether	mg/kg	171	1	1.40E-03	4.81E-04	1.40E-03
VOCs	Methylene Chloride	mg/kg	171	61	2.90E-04	1.65E-03	8.20E-03
VOCs	n-Butylbenzene	mg/kg	171	0	ND	5.81E-04	ND
VOCs	n-Heptane	mg/kg	7	0	ND	8.50E-05	ND
VOCs	n-Nonyl aldehyde	mg/kg	7	0	ND	4.61E-04	ND
VOCs	n-Propylbenzene	mg/kg	171	0	ND	4.61E-04	ND
VOCs	o-Xylene	mg/kg	156	3	4.60E-04	2.82E-04	7.50E-04

TABLE 2-4a: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
VOCs	p-Cymene	mg/kg	171	0	ND	4.64E-04	ND
VOCs	sec-Butylbenzene	mg/kg	171	0	ND	5.48E-04	ND
VOCs	Styrene	mg/kg	171	1	2.80E-04	4.45E-04	2.80E-04
VOCs	t-Amyl methyl ether	mg/kg	164	0	ND	4.87E-04	ND
VOCs	tert Butyl alcohol	mg/kg	163	1	7.60E-03	4.12E-03	7.60E-03
VOCs	tert-Butylbenzene	mg/kg	171	0	ND	5.14E-04	ND
VOCs	Tetrachloroethene	mg/kg	171	1	6.80E-04	4.59E-04	6.80E-04
VOCs	Toluene	mg/kg	171	53	2.30E-04	5.89E-04	1.40E-03
VOCs	trans-1,2-Dichloroethene	mg/kg	171	0	ND	4.30E-04	ND
VOCs	trans-1,3-Dichloropropene	mg/kg	171	0	ND	4.30E-04	ND
VOCs	Trichloroethene	mg/kg	171	2	5.00E-04	4.42E-04	2.10E-03
VOCs	Trichlorofluoromethane	mg/kg	171	0	ND	5.15E-04	ND
VOCs	Vinyl acetate	mg/kg	7	0	ND	9.21E-05	ND
VOCs	Vinyl chloride	mg/kg	171	0	ND	5.24E-04	ND
VOCs	Xylenes (total)	mg/kg	22	0	ND	3.89E-03	ND

Notes:

# = Number
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDD = Dichlorodiphenyldichloroethylene
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of DDT and its isomers
DL = Detection limit
EFH = Extractable fuel hydrocarbons
EPN = O-Ethyl O-(4-nitrophenyl) phenylphosphonothioate
HMW = High molecular weight
LMW = Low molecular weight
mg/kg = Milligram per kilogram
ND = Nondetects
OCPs = Organochlorine pesticides
OPPs = Organophosphate pesticides
OU-1 = Operable Unit 1
PAHs = Polycyclic aromatic hydrocarbons
PCBs = Polychlorinated biphenyls
pci/g = Average picocuries per gram
RAD = Radionuclide compounds
SLERA = Screening level ecological risk assessment
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
VOCs = Volatile organic compounds

TABLE 2-4b: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
Chlorine Oxyanions	Chlorate	mg/kg	138	109	3.90E-02	6.27E+01	2.58E+03
Chlorine Oxyanions	Perchlorate	mg/kg	163	156	1.40E-02	7.79E+01	4.47E+03
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	mg/kg	192	192	1.79E-07	1.11E-03	4.49E-02
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	mg/kg	192	192	1.31E-07	5.76E-04	3.14E-02
General Chemistry	Ammonia	mg/kg	106	29	1.95E-01	3.83E+00	1.62E+02
General Chemistry	Bromide	mg/kg	107	11	2.00E-01	1.13E+00	4.70E+00
General Chemistry	Cyanide (total)	mg/kg	49	0	ND	2.15E-01	ND
General Chemistry	Hydroxide	mg/kg	37	0	ND	8.45E+01	ND
General Chemistry	Nitrate	mg/kg	116	109	2.35E+00	4.56E+01	3.60E+02
General Chemistry	Nitrate/Nitrite	mg/kg	45	45	6.20E+00	3.72E+01	2.39E+02
General Chemistry	Nitrite	mg/kg	116	11	9.00E-02	9.76E-01	4.60E+00
General Chemistry	ortho-Phosphate	mg/kg	35	4	6.00E+00	4.34E+01	9.97E+02
General Chemistry	Sulfate	mg/kg	108	106	8.20E+00	9.69E+02	1.21E+04
Metals	Aluminum	mg/kg	130	128	3.90E+03	8.77E+03	1.30E+04
Metals	Antimony	mg/kg	141	30	1.10E-01	3.64E-01	2.40E+00
Metals	Arsenic	mg/kg	218	216	1.34E+00	3.89E+00	3.92E+01
Metals	Barium	mg/kg	144	142	3.20E+01	1.84E+02	4.40E+02
Metals	Beryllium	mg/kg	76	76	2.90E-01	4.66E-01	6.20E-01
Metals	Boron	mg/kg	144	137	2.50E+00	2.88E+01	1.51E+03
Metals	Cadmium	mg/kg	144	57	4.00E-02	2.43E-01	1.56E+00
Metals	Chromium (total)	mg/kg	144	142	3.48E+00	1.36E+01	9.82E+01
Metals	Chromium VI	mg/kg	120	24	3.10E-01	7.17E-01	2.03E+01
Metals	Cobalt	mg/kg	163	160	1.70E+00	1.29E+01	2.67E+02
Metals	Copper	mg/kg	144	142	1.03E+01	2.40E+01	1.10E+02
Metals	Iron	mg/kg	144	144	2.90E+02	1.70E+04	1.40E+05
Metals	Lead	mg/kg	155	151	4.10E+00	1.47E+01	2.67E+02
Metals	Magnesium	mg/kg	163	162	4.50E+02	1.56E+04	1.89E+05
Metals	Manganese	mg/kg	180	180	7.71E+01	3.62E+03	2.50E+05
Metals	Mercury	mg/kg	144	123	6.00E-03	5.87E-02	1.80E+00
Metals	Molybdenum	mg/kg	144	94	2.30E-01	1.67E+00	4.10E+01
Metals	Nickel	mg/kg	144	141	2.50E+00	1.63E+01	9.84E+01
Metals	Niobium	mg/kg	30	1	2.30E+00	1.13E+00	2.30E+00
Metals	Palladium	mg/kg	23	0	ND	2.62E-02	ND
Metals	Phosphorus (total)	mg/kg	107	105	1.60E+02	9.07E+02	1.60E+03
Metals	Platinum	mg/kg	76	49	6.00E-03	1.02E-02	4.10E-02
Metals	Selenium	mg/kg	136	15	1.10E-01	4.12E-01	3.40E+00
Metals	Silicon	mg/kg	29	29	4.20E+01	1.27E+02	2.60E+02
Metals	Silver	mg/kg	144	16	3.40E-02	5.56E-01	3.00E-01
Metals	Strontium	mg/kg	121	119	6.30E+01	1.65E+02	4.20E+02
Metals	Sulfur	mg/kg	25	19	2.90E+02	1.35E+03	1.40E+04
Metals	Thallium	mg/kg	144	79	6.00E-02	2.12E-01	8.42E+00
Metals	Tin	mg/kg	76	75	4.50E-01	4.01E+00	1.07E+01
Metals	Titanium	mg/kg	76	76	4.21E+02	7.69E+02	1.27E+03
Metals	Tungsten	mg/kg	121	78	1.10E-01	3.58E+00	9.40E+00
Metals	Uranium (total)	mg/kg	107	107	9.90E-02	9.15E-01	2.70E+00
Metals	Vanadium	mg/kg	90	90	8.60E+00	4.20E+01	6.76E+01
Metals	Zinc	mg/kg	130	127	2.20E+01	5.00E+01	8.90E+02
Metals	Zirconium	mg/kg	45	36	1.40E+01	2.16E+01	4.30E+01
OCPs	2,4,5-TP	mg/kg	1	0	ND	1.05E-02	ND
OCPs	2,4'-DDE	mg/kg	37	16	1.80E-03	4.28E-03	3.50E-02
OCPs	4,4'-DDD	mg/kg	101	4	2.70E-03	3.13E-03	1.60E-02
OCPs	4,4'-DDE	mg/kg	101	43	4.10E-04	7.23E-02	3.50E+00
OCPs	4,4'-DDT	mg/kg	101	33	7.90E-04	1.81E-02	7.70E-01
OCPs	Calculated DDx (ND=0.5DL)	mg/kg	101	50	1.02E-03	9.52E-02	4.30E+00
OCPs	Aldrin	mg/kg	101	0	ND	1.65E-03	ND
OCPs	alpha-BHC	mg/kg	101	2	8.00E-04	1.67E-03	5.10E-03
OCPs	alpha-Chlordane	mg/kg	101	0	ND	1.83E-03	ND
OCPs	beta-BHC	mg/kg	101	54	7.20E-04	4.42E-02	8.70E-01
OCPs	Chlordane (total)	mg/kg	62	0	ND	9.16E-03	ND

TABLE 2-4b: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
OCPs	delta-BHC	mg/kg	101	0	ND	1.80E-03	ND
OCPs	Dieldrin	mg/kg	101	0	ND	2.50E-03	ND
OCPs	Endosulfan I	mg/kg	101	0	ND	1.57E-03	ND
OCPs	Endosulfan II	mg/kg	101	0	ND	2.57E-03	ND
OCPs	Endosulfan sulfate	mg/kg	101	0	ND	2.67E-03	ND
OCPs	Endrin	mg/kg	101	2	7.00E-04	2.64E-03	5.40E-03
OCPs	Endrin aldehyde	mg/kg	101	0	ND	2.47E-03	ND
OCPs	Endrin ketone	mg/kg	101	0	ND	2.88E-03	ND
OCPs	gamma-BHC	mg/kg	101	0	ND	1.86E-03	ND
OCPs	gamma-Chlordane	mg/kg	101	1	1.40E-03	1.67E-03	1.40E-03
OCPs	Heptachlor	mg/kg	101	0	ND	1.73E-03	ND
OCPs	Heptachlor epoxide	mg/kg	101	0	ND	1.94E-03	ND
OCPs	Hexachlorobenzene	mg/kg	203	118	3.20E-04	1.49E-01	4.60E+00
OCPs	Methoxychlor	mg/kg	101	2	9.10E-04	1.26E-02	3.10E-01
OCPs	Toxaphene	mg/kg	101	0	ND	5.05E-02	ND
OPPs	Atrazine	mg/kg	25	0	ND	6.14E-03	ND
OPPs	Chlorpyrifos	mg/kg	41	0	ND	5.01E-03	ND
OPPs	Coumaphos	mg/kg	41	0	ND	2.69E-03	ND
OPPs	Dasanit	mg/kg	41	0	ND	4.82E-03	ND
OPPs	Demeton (O + S)	mg/kg	25	0	ND	3.79E-03	ND
OPPs	Demeton-O	mg/kg	41	0	ND	6.84E-03	ND
OPPs	Demeton-S	mg/kg	41	0	ND	3.77E-03	ND
OPPs	Diazinon	mg/kg	41	0	ND	5.55E-03	ND
OPPs	Dichlorovos	mg/kg	41	0	ND	5.75E-03	ND
OPPs	Dimethoate	mg/kg	41	0	ND	5.48E-03	ND
OPPs	Disulfoton	mg/kg	41	0	ND	8.91E-03	ND
OPPs	EPN	mg/kg	41	0	ND	3.04E-03	ND
OPPs	Ethoprop	mg/kg	41	0	ND	3.81E-03	ND
OPPs	Famphur	mg/kg	41	0	ND	2.86E-03	ND
OPPs	Fenthion	mg/kg	41	0	ND	7.50E-03	ND
OPPs	Guthion	mg/kg	41	0	ND	2.97E-03	ND
OPPs	Malathion	mg/kg	41	0	ND	3.69E-03	ND
OPPs	Merphos	mg/kg	41	0	ND	5.68E-03	ND
OPPs	Methyl parathion	mg/kg	41	0	ND	4.98E-03	ND
OPPs	Mevinphos	mg/kg	41	0	ND	3.68E-03	ND
OPPs	Naled	mg/kg	41	0	ND	3.56E-02	ND
OPPs	Parathion	mg/kg	41	0	ND	4.29E-03	ND
OPPs	Phorate	mg/kg	41	0	ND	4.71E-03	ND
OPPs	Prothiophos	mg/kg	41	0	ND	4.00E-03	ND
OPPs	Ronnel	mg/kg	41	0	ND	8.24E-03	ND
OPPs	Simazine	mg/kg	25	0	ND	1.11E-02	ND
OPPs	Stirophos	mg/kg	41	1	4.10E-02	4.51E-03	4.10E-02
OPPs	Sulfotepp	mg/kg	41	0	ND	4.94E-03	ND
OPPs	Sulprofos	mg/kg	41	0	ND	3.26E-03	ND
OPPs	Thionazin	mg/kg	41	0	ND	4.40E-03	ND
OPPs	Trichloronate	mg/kg	41	0	ND	4.93E-03	ND
Organics	4-Chlorobenzenesulfonic acid	mg/kg	7	0	ND	1.25E-01	ND
Organics	Benzenesulfonic acid	mg/kg	7	0	ND	1.25E-01	ND
Organics	Diethylphosphorodithioate	mg/kg	7	0	ND	1.25E-01	ND
Organics	o,o-Dimethyl Phosphorodithioate	mg/kg	7	0	ND	6.50E-01	ND
Organics	Phthalic acid	mg/kg	21	0	ND	4.73E-01	ND
PAHs	Calculated HMW PAHs (ND=0.5DL)	mg/kg	172	50	4.10E-03	1.91E-01	1.47E+00
PAHs	Calculated LMW PAHs (ND=0.5DL)	mg/kg	173	41	1.20E-03	1.59E-01	4.54E-01
PAHs	Calculated Total PAHs (ND=0.5DL)	mg/kg	172	58	1.35E-03	3.51E-01	1.68E+00
PCBs	Aroclor-1016	mg/kg	15	0	ND	1.37E-02	ND
PCBs	Aroclor-1221	mg/kg	15	0	ND	1.78E-02	ND

TABLE 2-4b: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
PCBs	Aroclor-1232	mg/kg	15	0	ND	1.39E-02	ND
PCBs	Aroclor-1242	mg/kg	15	0	ND	1.55E-02	ND
PCBs	Aroclor-1248	mg/kg	15	0	ND	1.47E-02	ND
PCBs	Aroclor-1254	mg/kg	15	0	ND	1.38E-02	ND
PCBs	Aroclor-1260	mg/kg	54	3	4.80E-02	1.91E-02	2.70E-01
PCBs	Calculated Aroclor-1242 (ND=0.5DL)	mg/kg	35	35	1.66E-05	1.72E-03	1.08E-02
PCBs	Calculated Aroclor-1248 (ND=0.5DL)	mg/kg	35	35	2.71E-05	3.67E-03	2.90E-02
PCBs	Calculated Aroclor-1254 (ND=0.5DL)	mg/kg	35	35	6.46E-05	1.29E-02	1.34E-01
PCBs	Calculated Aroclor-1260 (ND=0.5DL)	mg/kg	35	35	7.62E-05	2.51E-02	2.74E-01
PCBs	Calculated Total PCBs (ND=0.5DL)	mg/kg	35	35	2.96E-04	1.25E-01	8.59E-01
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	mg/kg	35	35	3.93E-08	1.73E-05	1.07E-04
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	mg/kg	35	35	2.04E-08	9.55E-06	5.98E-05
RAD	Lead-210	pCi/g	1	1	6.87E-01	6.87E-01	6.87E-01
RAD	Lead-212	pCi/g	1	1	1.78E+00	1.78E+00	1.78E+00
RAD	Radium-226	pCi/g	110	110	7.38E-02	8.59E-01	2.53E+00
RAD	Radium-228	pCi/g	110	110	-5.20E-02	1.20E+00	2.26E+00
RAD	Thorium-228	pCi/g	104	104	2.22E-02	1.70E+00	2.66E+00
RAD	Thorium-230	pCi/g	104	104	3.92E-02	1.02E+00	1.58E+00
RAD	Thorium-232	pCi/g	104	104	8.76E-03	1.55E+00	2.52E+00
RAD	Uranium-234	pCi/g	96	96	7.36E-02	8.93E-01	1.82E+00
RAD	Uranium-235	pCi/g	96	96	-2.63E-02	4.87E-02	2.29E-01
RAD	Uranium-238	pCi/g	96	96	2.64E-02	8.74E-01	1.33E+00
SVOCs	1,4-Dioxane	mg/kg	129	0	ND	3.51E-02	ND
SVOCs	2,4,5-Trichlorophenol	mg/kg	38	0	ND	1.47E-01	ND
SVOCs	2,4,6-Trichlorophenol	mg/kg	38	1	2.10E-01	8.96E-02	2.10E-01
SVOCs	2,4-Dichlorophenol	mg/kg	38	0	ND	7.67E-02	ND
SVOCs	2,4-Dimethylphenol	mg/kg	38	0	ND	1.47E-01	ND
SVOCs	2,4-Dinitrophenol	mg/kg	38	0	ND	3.74E-01	ND
SVOCs	2,4-Dinitrotoluene	mg/kg	39	0	ND	9.33E-02	ND
SVOCs	2,6-Dinitrotoluene	mg/kg	39	0	ND	1.10E-01	ND
SVOCs	2-Chloronaphthalene	mg/kg	39	1	4.20E-01	8.82E-02	4.20E-01
SVOCs	2-Chlorophenol	mg/kg	38	1	1.70E-01	8.36E-02	1.70E-01
SVOCs	2-Methylphenol	mg/kg	38	0	ND	9.16E-02	ND
SVOCs	2-Nitroaniline	mg/kg	39	0	ND	7.82E-02	ND
SVOCs	2-Nitrophenol	mg/kg	38	0	ND	1.51E-01	ND
SVOCs	3&4-Methylphenol	mg/kg	38	1	1.10E+00	1.78E-01	1.10E+00
SVOCs	3,3'-Dichlorobenzidine	mg/kg	39	0	ND	1.74E-01	ND
SVOCs	3-Nitroaniline	mg/kg	39	0	ND	1.54E-01	ND
SVOCs	4-Bromophenyl-phenyl ether	mg/kg	39	0	ND	8.67E-02	ND
SVOCs	4-Chloro-3-methylphenol	mg/kg	38	1	3.20E-01	8.75E-02	3.20E-01
SVOCs	4-Chloroaniline	mg/kg	39	0	ND	1.54E-01	ND
SVOCs	4-Chlorophenyl-phenyl ether	mg/kg	39	0	ND	9.77E-02	ND
SVOCs	4-Nitroaniline	mg/kg	39	0	ND	1.54E-01	ND
SVOCs	4-Nitrophenol	mg/kg	38	0	ND	1.58E-01	ND
SVOCs	Aniline	mg/kg	39	0	ND	9.77E-02	ND
SVOCs	Benzidine	mg/kg	33	0	ND	8.21E-01	ND
SVOCs	Benzoic acid	mg/kg	38	0	ND	3.80E-01	ND
SVOCs	Benzyl alcohol	mg/kg	39	0	ND	1.74E-01	ND
SVOCs	bis(2-Chloroethoxy)methane	mg/kg	39	0	ND	1.54E-01	ND
SVOCs	bis(2-Chloroethyl) ether	mg/kg	39	0	ND	8.15E-02	ND
SVOCs	bis(2-Ethylhexyl)phthalate	mg/kg	169	18	8.30E-02	9.56E-02	8.20E-01

TABLE 2-4b: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
SVOCs	Butylbenzylphthalate	mg/kg	169	2	3.90E-03	4.32E-02	4.30E-03
SVOCs	Dibenzofuran	mg/kg	39	1	2.00E-01	8.25E-02	2.00E-01
SVOCs	Diethylphthalate	mg/kg	169	0	ND	7.12E-02	ND
SVOCs	Dimethylphthalate	mg/kg	169	16	1.50E-03	3.94E-02	1.90E-01
SVOCs	Di-n-butylphthalate	mg/kg	169	32	3.50E-02	8.03E-02	1.70E+00
SVOCs	Di-n-octylphthalate	mg/kg	169	1	8.80E-02	3.85E-02	8.80E-02
SVOCs	Hexachlorobutadiene	mg/kg	135	4	4.10E-04	5.96E-04	4.50E-03
SVOCs	Hexachlorocyclopentadiene	mg/kg	39	0	ND	1.54E-01	ND
SVOCs	Hexachloroethane	mg/kg	39	0	ND	1.54E-01	ND
SVOCs	Isophorone	mg/kg	39	1	2.70E-01	8.43E-02	2.70E-01
SVOCs	Nitrobenzene	mg/kg	169	0	ND	3.48E-02	ND
SVOCs	n-Nitroso-di-n-propylamine	mg/kg	39	0	ND	8.15E-02	ND
SVOCs	n-Nitrosodiphenylamine	mg/kg	39	0	ND	9.33E-02	ND
SVOCs	Octachlorostyrene	mg/kg	168	30	2.10E-03	6.60E-01	1.30E+00
SVOCs	Pentachlorophenol	mg/kg	38	0	ND	3.80E-01	ND
SVOCs	Phenol	mg/kg	38	1	9.40E-01	1.26E-01	9.40E-01
SVOCs	Pyridine	mg/kg	169	0	ND	1.27E-01	ND
TPH	EFH (C10-C40)	mg/kg	31	30	2.90E+00	8.95E+01	9.50E+02
TPH	Oil Range Organics	mg/kg	64	1	8.60E+01	2.13E+01	8.60E+01
TPH	Petroleum Hydrocarbons (C29-C40)	mg/kg	31	17	2.60E+00	5.78E+01	6.20E+02
TPH	Total petroleum hydrocarbon-diesel	mg/kg	95	20	2.60E+00	2.20E+01	3.20E+02
TPH	Total petroleum hydrocarbon-gasoline	mg/kg	46	0	ND	1.02E+00	ND
VOCs	1,1,1,2-Tetrachloroethane	mg/kg	135	0	ND	4.70E-04	ND
VOCs	1,1,1-Trichloroethane	mg/kg	135	0	ND	3.72E-04	ND
VOCs	1,1,2,2-Tetrachloroethane	mg/kg	135	0	ND	4.91E-04	ND
VOCs	1,1,2-Trichloroethane	mg/kg	135	0	ND	3.95E-04	ND
VOCs	1,1-Dichloroethane	mg/kg	135	0	ND	3.56E-04	ND
VOCs	1,1-Dichloroethene	mg/kg	135	2	7.90E-04	4.05E-04	8.30E-04
VOCs	1,1-Dichloropropene	mg/kg	135	0	ND	4.07E-04	ND
VOCs	1,2,3-Trichlorobenzene	mg/kg	135	1	1.30E-03	5.75E-04	1.30E-03
VOCs	1,2,3-Trichloropropane	mg/kg	135	0	ND	5.46E-04	ND
VOCs	1,2,4-Trichlorobenzene	mg/kg	135	2	1.10E-03	6.08E-04	3.70E-03
VOCs	1,2,4-Trimethylbenzene	mg/kg	135	3	5.90E-04	5.19E-04	9.50E-04
VOCs	1,2-Dibromo-3-chloropropane	mg/kg	135	0	ND	7.55E-04	ND
VOCs	1,2-Dibromoethane	mg/kg	135	0	ND	3.86E-04	ND
VOCs	1,2-Dichlorobenzene	mg/kg	135	3	2.60E-04	3.94E-04	3.90E-04
VOCs	1,2-Dichloroethane	mg/kg	135	0	ND	3.85E-04	ND
VOCs	1,2-Dichloropropane	mg/kg	135	0	ND	3.86E-04	ND
VOCs	1,3,5-Trimethylbenzene	mg/kg	135	0	ND	4.90E-04	ND
VOCs	1,3-Dichlorobenzene	mg/kg	135	0	ND	4.26E-04	ND
VOCs	1,3-Dichloropropane	mg/kg	135	0	ND	3.87E-04	ND
VOCs	1,4-Dichlorobenzene	mg/kg	135	5	7.20E-04	6.76E-04	1.70E-02
VOCs	1-Chlorohexane	mg/kg	1	0	ND	2.45E-03	ND
VOCs	2,2-Dichloropropane	mg/kg	135	0	ND	4.69E-04	ND
VOCs	2-Butanone	mg/kg	135	19	6.60E-04	2.30E-03	2.70E-02
VOCs	2-Chlorotoluene	mg/kg	135	0	ND	5.10E-04	ND
VOCs	2-Hexanone	mg/kg	135	2	1.70E-02	2.05E-03	3.90E-02
VOCs	4-Chlorotoluene	mg/kg	135	0	ND	5.35E-04	ND
VOCs	4-Methyl-2-pentanone	mg/kg	135	1	2.90E-03	1.19E-03	2.90E-03
VOCs	Acetone	mg/kg	135	74	2.50E-03	9.73E-03	1.30E-01
VOCs	Benzene	mg/kg	135	0	ND	3.72E-04	ND
VOCs	Bromobenzene	mg/kg	135	0	ND	4.82E-04	ND
VOCs	Bromochloromethane	mg/kg	135	0	ND	4.77E-04	ND
VOCs	Bromodichloromethane	mg/kg	135	1	4.00E-04	3.72E-04	4.00E-04
VOCs	Bromoform	mg/kg	135	0	ND	4.93E-04	ND
VOCs	Bromomethane	mg/kg	135	0	ND	7.23E-04	ND
VOCs	Carbon tetrachloride	mg/kg	135	0	ND	4.18E-04	ND

TABLE 2-4b: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
VOCs	Chlorobenzene	mg/kg	135	3	6.40E-04	3.95E-04	1.20E-03
VOCs	Chloroethane	mg/kg	135	0	ND	5.15E-04	ND
VOCs	Chloroform	mg/kg	135	25	3.40E-04	2.64E-03	1.50E-01
VOCs	Chloromethane	mg/kg	135	0	ND	4.99E-04	ND
VOCs	cis-1,2-Dichloroethene	mg/kg	135	0	ND	3.78E-04	ND
VOCs	cis-1,3-Dichloropropene	mg/kg	135	0	ND	4.10E-04	ND
VOCs	Cumene	mg/kg	135	0	ND	3.94E-04	ND
VOCs	Dibromochloromethane	mg/kg	135	0	ND	3.92E-04	ND
VOCs	Dibromomethane	mg/kg	135	0	ND	4.02E-04	ND
VOCs	Dichlorodifluoromethane	mg/kg	135	0	ND	5.21E-04	ND
VOCs	Diisopropyl ether	mg/kg	135	0	ND	5.41E-04	ND
VOCs	Ethanol	mg/kg	2	0	ND	5.50E-01	ND
VOCs	Ethyl benzene	mg/kg	121	1	5.30E-04	5.41E-04	5.30E-04
VOCs	Ethyl tert-butyl ether	mg/kg	135	1	3.80E-04	5.97E-04	3.80E-04
VOCs	Ethylene glycol	mg/kg	1	0	ND	2.10E+01	ND
VOCs	Formaldehyde	mg/kg	2	2	6.10E-02	7.50E-02	8.90E-02
VOCs	m,p-Xylene	mg/kg	125	4	9.30E-04	4.50E-04	2.30E-03
VOCs	Methanol	mg/kg	1	0	ND	5.50E-01	ND
VOCs	Methyl tert-butyl ether	mg/kg	135	1	1.40E-03	4.62E-04	1.40E-03
VOCs	Methylene Chloride	mg/kg	135	57	2.90E-04	1.82E-03	8.20E-03
VOCs	n-Butylbenzene	mg/kg	135	0	ND	5.48E-04	ND
VOCs	n-Propylbenzene	mg/kg	135	0	ND	4.10E-04	ND
VOCs	o-Xylene	mg/kg	125	3	4.60E-04	2.79E-04	7.50E-04
VOCs	p-Cymene	mg/kg	135	0	ND	4.21E-04	ND
VOCs	sec-Butylbenzene	mg/kg	135	0	ND	5.24E-04	ND
VOCs	Styrene	mg/kg	135	1	2.80E-04	3.88E-04	2.80E-04
VOCs	t-Amyl methyl ether	mg/kg	135	0	ND	4.74E-04	ND
VOCs	tert Butyl alcohol	mg/kg	134	1	7.60E-03	4.21E-03	7.60E-03
VOCs	tert-Butylbenzene	mg/kg	135	0	ND	4.89E-04	ND
VOCs	Tetrachloroethene	mg/kg	135	0	ND	4.23E-04	ND
VOCs	Toluene	mg/kg	135	38	2.30E-04	5.73E-04	1.40E-03
VOCs	trans-1,2-Dichloroethene	mg/kg	135	0	ND	3.90E-04	ND
VOCs	trans-1,3-Dichloropropene	mg/kg	135	0	ND	4.02E-04	ND
VOCs	Trichloroethene	mg/kg	135	1	5.00E-04	3.95E-04	5.00E-04
VOCs	Trichlorofluoromethane	mg/kg	135	0	ND	5.00E-04	ND
VOCs	Vinyl chloride	mg/kg	135	0	ND	5.09E-04	ND
VOCs	Xylenes (total)	mg/kg	10	0	ND	5.44E-03	ND

Notes:

# = Number
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDD = Dichlorodiphenyldichloroethylene
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of DDT and its isomers
DL = Detection limit
Eco DU = Ecological Decision Unit
EFH = Extractable fuel hydrocarbons
EPN = O-Ethyl O-(4-nitrophenyl) phenylphosphonothioate
HMW = High molecular weight
LMW = Low molecular weight
mg/kg = Milligram per kilogram
ND = Nondetects
OCPs = Organochlorine pesticides
OPPs = Organophosphate pesticides
OU-1 = Operable Unit 1
PAHs = Polycyclic aromatic hydrocarbons
PCBs = Polychlorinated biphenyls
pci/g = Average picocuries per gram
RAD = Radionuclide compounds
SLERA = Screening level ecological risk assessment
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
VOCs = Volatile organic compounds

TABLE 2-4c: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
Chlorine Oxyanions	Chlorate	mg/kg	25	19	5.00E-02	9.77E+00	1.08E+02
Chlorine Oxyanions	Perchlorate	mg/kg	26	24	3.20E-02	4.47E+00	3.43E+01
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	mg/kg	28	26	9.59E-08	2.36E-05	3.67E-04
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	mg/kg	28	26	5.46E-08	1.03E-05	1.69E-04
General Chemistry	Ammonia	mg/kg	20	3	1.46E-01	2.13E-01	1.35E+00
General Chemistry	Bromide	mg/kg	25	2	1.00E+00	1.79E-01	1.10E+00
General Chemistry	Chlorite	mg/kg	5	0	ND	2.00E-02	ND
General Chemistry	Cyanide (total)	mg/kg	18	0	ND	2.06E-01	ND
General Chemistry	Fluoride	mg/kg	5	1	1.10E+00	3.24E-01	1.10E+00
General Chemistry	Nitrate	mg/kg	25	25	7.97E-01	4.86E+01	1.91E+02
General Chemistry	Nitrite	mg/kg	19	3	8.00E-02	5.48E-02	2.10E-01
General Chemistry	ortho-Phosphate	mg/kg	7	1	7.20E+00	1.71E+00	7.20E+00
General Chemistry	Sulfate	mg/kg	25	25	5.40E+00	2.93E+03	1.95E+04
Metals	Aluminum	mg/kg	25	25	5.51E+03	8.09E+03	1.01E+04
Metals	Antimony	mg/kg	25	17	1.40E-01	7.16E-01	2.20E+00
Metals	Arsenic	mg/kg	29	29	1.66E+00	2.71E+00	5.50E+00
Metals	Barium	mg/kg	25	25	1.30E+02	1.70E+02	2.49E+02
Metals	Beryllium	mg/kg	25	25	3.38E-01	4.58E-01	6.00E-01
Metals	Boron	mg/kg	25	25	3.10E+00	1.88E+01	1.12E+02
Metals	Cadmium	mg/kg	25	24	5.00E-02	4.97E-01	8.88E+00
Metals	Chromium (total)	mg/kg	25	25	4.65E+00	9.58E+00	1.85E+01
Metals	Chromium VI	mg/kg	25	3	2.70E-01	1.76E-01	1.58E+00
Metals	Cobalt	mg/kg	25	25	5.50E+00	8.40E+00	1.72E+01
Metals	Copper	mg/kg	25	25	1.25E+01	1.82E+01	3.22E+01
Metals	Iron	mg/kg	25	25	9.83E+03	1.64E+04	3.95E+04
Metals	Lead	mg/kg	25	25	7.70E+00	1.70E+01	1.12E+02
Metals	Lithium	mg/kg	5	5	9.90E+00	1.16E+01	1.43E+01
Metals	Magnesium	mg/kg	25	25	6.32E+03	9.28E+03	2.88E+04
Metals	Manganese	mg/kg	24	24	2.62E+02	4.03E+02	1.29E+03
Metals	Mercury	mg/kg	25	23	6.00E-03	1.95E-02	5.60E-02
Metals	Molybdenum	mg/kg	25	25	2.70E-01	7.38E-01	2.75E+00
Metals	Nickel	mg/kg	25	25	1.29E+01	1.65E+01	3.24E+01
Metals	Niobium	mg/kg	5	2	3.00E+00	2.89E+00	9.20E+00
Metals	Palladium	mg/kg	5	5	3.30E-01	4.06E-01	4.90E-01
Metals	Phosphorus (total)	mg/kg	23	23	5.40E+02	8.12E+02	1.01E+03
Metals	Platinum	mg/kg	25	19	6.00E-03	2.03E-02	7.70E-02
Metals	Selenium	mg/kg	25	1	8.00E-01	3.11E-01	8.00E-01
Metals	Silicon	mg/kg	5	5	1.14E+02	1.50E+02	1.80E+02
Metals	Silver	mg/kg	25	10	9.30E-02	2.09E-01	1.70E+00
Metals	Strontium	mg/kg	25	25	1.16E+02	1.92E+02	3.09E+02
Metals	Sulfur	mg/kg	5	5	4.98E+02	8.30E+02	1.29E+03
Metals	Thallium	mg/kg	25	25	7.60E-02	1.34E-01	3.80E-01
Metals	Tin	mg/kg	25	25	4.70E-01	3.26E+00	5.80E+00
Metals	Titanium	mg/kg	25	25	3.64E+02	6.83E+02	1.08E+03
Metals	Tungsten	mg/kg	25	25	1.00E-01	2.89E-01	1.40E+00
Metals	Uranium (total)	mg/kg	25	25	6.80E-01	8.98E-01	1.30E+00
Metals	Vanadium	mg/kg	25	25	2.41E+01	3.97E+01	5.49E+01
Metals	Zinc	mg/kg	25	25	2.51E+01	3.63E+01	7.86E+01
Metals	Zirconium	mg/kg	5	5	2.06E+01	2.21E+01	2.38E+01
OCPs	2,4'-DDD	mg/kg	5	0	ND	1.07E-03	ND
OCPs	2,4'-DDE	mg/kg	5	2	1.80E-03	9.50E-03	4.20E-02
OCPs	4,4'-DDD	mg/kg	19	0	ND	1.51E-03	ND
OCPs	4,4'-DDE	mg/kg	19	8	2.30E-03	5.66E-02	9.10E-01
OCPs	4,4'-DDT	mg/kg	19	7	3.30E-03	4.16E-02	6.10E-01
OCPs	Calculated DDx (ND=0.5DL)	mg/kg	19	8	4.50E-03	1.02E-01	1.56E+00
OCPs	Aldrin	mg/kg	19	0	ND	8.13E-04	ND
OCPs	alpha-BHC	mg/kg	19	0	ND	8.33E-04	ND
OCPs	alpha-Chlordane	mg/kg	19	0	ND	8.42E-04	ND
OCPs	beta-BHC	mg/kg	19	11	1.60E-03	1.55E-02	1.50E-01

TABLE 2-4c: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
OCPs	Chlordane (total)	mg/kg	19	0	ND	8.66E-03	ND
OCPs	delta-BHC	mg/kg	19	0	ND	8.01E-04	ND
OCPs	Dieldrin	mg/kg	19	0	ND	1.29E-03	ND
OCPs	Endosulfan I	mg/kg	19	0	ND	8.01E-04	ND
OCPs	Endosulfan II	mg/kg	19	0	ND	1.48E-03	ND
OCPs	Endosulfan sulfate	mg/kg	19	0	ND	1.40E-03	ND
OCPs	Endrin	mg/kg	19	0	ND	1.31E-03	ND
OCPs	Endrin aldehyde	mg/kg	19	0	ND	1.37E-03	ND
OCPs	Endrin ketone	mg/kg	19	0	ND	2.06E-03	ND
OCPs	gamma-BHC	mg/kg	19	0	ND	8.01E-04	ND
OCPs	gamma-Chlordane	mg/kg	19	0	ND	8.07E-04	ND
OCPs	Heptachlor	mg/kg	19	0	ND	2.07E-03	ND
OCPs	Heptachlor epoxide	mg/kg	19	0	ND	8.82E-04	ND
OCPs	Hexachlorobenzene	mg/kg	27	6	1.20E-03	6.89E-03	4.10E-02
OCPs	Methoxychlor	mg/kg	19	0	ND	6.89E-03	ND
OCPs	Toxaphene	mg/kg	19	0	ND	3.08E-02	ND
OPPs	Chlorpyrifos	mg/kg	7	0	ND	5.47E-03	ND
OPPs	Coumaphos	mg/kg	7	0	ND	3.06E-03	ND
OPPs	Dasanit	mg/kg	7	0	ND	5.12E-03	ND
OPPs	Demeton-O	mg/kg	7	0	ND	7.86E-03	ND
OPPs	Demeton-S	mg/kg	7	0	ND	4.14E-03	ND
OPPs	Diazinon	mg/kg	7	0	ND	6.06E-03	ND
OPPs	Dichlorovos	mg/kg	7	0	ND	6.25E-03	ND
OPPs	Dimethoate	mg/kg	7	1	9.10E-03	6.74E-03	9.10E-03
OPPs	Disulfoton	mg/kg	7	0	ND	1.02E-02	ND
OPPs	EPN	mg/kg	7	0	ND	3.41E-03	ND
OPPs	Ethoprop	mg/kg	7	0	ND	4.18E-03	ND
OPPs	Famphur	mg/kg	7	0	ND	3.23E-03	ND
OPPs	Fenthion	mg/kg	7	0	ND	8.34E-03	ND
OPPs	Guthion	mg/kg	7	0	ND	3.34E-03	ND
OPPs	Malathion	mg/kg	7	0	ND	4.06E-03	ND
OPPs	Merphos	mg/kg	7	0	ND	6.54E-03	ND
OPPs	Methyl parathion	mg/kg	7	0	ND	5.44E-03	ND
OPPs	Mevinphos	mg/kg	7	0	ND	4.04E-03	ND
OPPs	Naled	mg/kg	7	0	ND	1.37E-02	ND
OPPs	Parathion	mg/kg	7	0	ND	4.72E-03	ND
OPPs	Phorate	mg/kg	7	0	ND	5.19E-03	ND
OPPs	Prothiophos	mg/kg	7	0	ND	4.49E-03	ND
OPPs	Ronnel	mg/kg	7	0	ND	8.57E-03	ND
OPPs	Stirophos	mg/kg	7	0	ND	3.96E-03	ND
OPPs	Sulfotepp	mg/kg	7	0	ND	5.40E-03	ND
OPPs	Sulprofos	mg/kg	7	0	ND	3.61E-03	ND
OPPs	Thionazin	mg/kg	7	0	ND	4.84E-03	ND
OPPs	Trichloronate	mg/kg	7	0	ND	5.39E-03	ND
Organics	4-Chlorobenzenesulfonic acid	mg/kg	5	0	ND	1.25E-01	ND
Organics	Benzenesulfonic acid	mg/kg	5	0	ND	1.25E-01	ND
Organics	Diethylphosphorodithioate	mg/kg	5	0	ND	1.25E-01	ND
Organics	o,o-Dimethyl Phosphorodithioate	mg/kg	5	0	ND	6.50E-01	ND
Organics	Phthalic acid	mg/kg	10	0	ND	1.28E-01	ND
PAHs	Calculated HMW PAHs (ND=0.5DL)	mg/kg	27	11	6.61E-03	7.40E-02	3.72E-01
PAHs	Calculated LMW PAHs (ND=0.5DL)	mg/kg	27	6	4.58E-03	3.29E-02	2.86E-02
PAHs	Calculated Total PAHs (ND=0.5DL)	mg/kg	27	12	1.00E-02	1.07E-01	4.00E-01
PCBs	Aroclor-1016	mg/kg	6	0	ND	1.19E-02	ND
PCBs	Aroclor-1221	mg/kg	6	0	ND	1.93E-02	ND
PCBs	Aroclor-1232	mg/kg	6	0	ND	1.19E-02	ND
PCBs	Aroclor-1242	mg/kg	6	0	ND	1.52E-02	ND

TABLE 2-4c: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
PCBs	Aroclor-1248	mg/kg	6	0	ND	1.19E-02	ND
PCBs	Aroclor-1254	mg/kg	6	0	ND	1.19E-02	ND
PCBs	Aroclor-1260	mg/kg	6	0	ND	1.66E-02	ND
PCBs	Calculated Aroclor-1242 (ND=0.5DL)	mg/kg	1	1	4.41E-04	4.41E-04	4.41E-04
PCBs	Calculated Aroclor-1248 (ND=0.5DL)	mg/kg	1	1	5.64E-04	5.64E-04	5.64E-04
PCBs	Calculated Aroclor-1254 (ND=0.5DL)	mg/kg	1	1	9.74E-04	9.74E-04	9.74E-04
PCBs	Calculated Aroclor-1260 (ND=0.5DL)	mg/kg	1	1	8.02E-04	8.02E-04	8.02E-04
PCBs	Calculated Total PCBs (ND=0.5DL)	mg/kg	1	1	9.65E-03	9.65E-03	9.65E-03
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	mg/kg	1	1	6.62E-07	6.62E-07	6.62E-07
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	mg/kg	1	1	3.89E-07	3.89E-07	3.89E-07
RAD	Radium-226	pCi/g	25	25	4.60E-01	8.15E-01	1.12E+00
RAD	Radium-228	pCi/g	25	25	2.92E-01	1.38E+00	2.42E+00
RAD	Thorium-228	pCi/g	24	24	1.12E+00	1.64E+00	2.25E+00
RAD	Thorium-230	pCi/g	24	24	6.59E-01	1.04E+00	1.98E+00
RAD	Thorium-232	pCi/g	24	24	9.94E-01	1.42E+00	1.93E+00
RAD	Uranium-234	pCi/g	24	24	2.60E-01	9.54E-01	1.82E+00
RAD	Uranium-235	pCi/g	24	24	-7.66E-02	5.03E-02	1.51E-01
RAD	Uranium-238	pCi/g	24	24	1.96E-01	9.20E-01	1.38E+00
SVOCs	1,2,4,5-Tetrachlorobenzene	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	1,2-Diphenylhydrazine	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	1,4-Dioxane	mg/kg	27	0	ND	1.04E-02	ND
SVOCs	2,2'-/4,4'-Dichlorobenzil	mg/kg	5	0	ND	9.80E-02	ND
SVOCs	2,4,5-Trichlorophenol	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	2,4,6-Trichlorophenol	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	2,4-Dichlorophenol	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	2,4-Dimethylphenol	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	2,4-Dinitrophenol	mg/kg	5	0	ND	1.72E-01	ND
SVOCs	2,4-Dinitrotoluene	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	2,6-Dinitrotoluene	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	2-Chloronaphthalene	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	2-Chlorophenol	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	2-Methylphenol	mg/kg	5	0	ND	6.20E-02	ND
SVOCs	2-Nitroaniline	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	2-Nitrophenol	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	3&4-Methylphenol	mg/kg	5	0	ND	3.47E-02	ND
SVOCs	3,3'-Dichlorobenzidine	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	3-Nitroaniline	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	4-Bromophenyl-phenyl ether	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	4-Chloro-3-methylphenol	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	4-Chloroaniline	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	4-Chlorophenyl-phenyl ether	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	4-Chlorothioanisole	mg/kg	5	0	ND	3.97E-03	ND
SVOCs	4-Chlorothiophenol	mg/kg	5	0	ND	9.70E-02	ND
SVOCs	4-Nitroaniline	mg/kg	5	0	ND	1.72E-01	ND
SVOCs	4-Nitrophenol	mg/kg	5	0	ND	1.72E-01	ND
SVOCs	Acetophenone	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	Aniline	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	Azobenzene	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	Benzenethiol	mg/kg	5	0	ND	6.40E-02	ND
SVOCs	Benzoic acid	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	Benzyl alcohol	mg/kg	5	0	ND	1.73E-02	ND

TABLE 2-4c: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
SVOCs	bis(2-Chloro-1-methylethyl) ether	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	bis(2-Chloroethoxy)methane	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	bis(2-Chloroethyl) ether	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	bis(2-Ethylhexyl)phthalate	mg/kg	27	1	2.80E-01	8.15E-02	2.80E-01
SVOCs	bis(4-Chlorophenyl) disulfide	mg/kg	5	0	ND	1.05E-01	ND
SVOCs	bis(4-Chlorophenyl) sulfone	mg/kg	5	0	ND	1.65E-01	ND
SVOCs	Butylbenzylphthalate	mg/kg	27	2	3.30E-03	1.90E-02	3.60E-03
SVOCs	Carbazole	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	Dibenzofuran	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	Diethylphthalate	mg/kg	27	0	ND	6.70E-02	ND
SVOCs	Dimethylphthalate	mg/kg	27	2	4.40E-03	2.19E-02	1.30E-01
SVOCs	Di-n-butylphthalate	mg/kg	27	12	3.90E-02	5.11E-02	1.10E-01
SVOCs	Di-n-octylphthalate	mg/kg	27	0	ND	1.54E-02	ND
SVOCs	Diphenyl disulfide	mg/kg	5	0	ND	1.50E-02	ND
SVOCs	Diphenyl sulfide	mg/kg	5	0	ND	1.83E-03	ND
SVOCs	Diphenyl sulfone	mg/kg	5	0	ND	3.46E-03	ND
SVOCs	Hexachlorobutadiene	mg/kg	27	0	ND	3.70E-03	ND
SVOCs	Hexachlorocyclopentadiene	mg/kg	5	0	ND	1.72E-01	ND
SVOCs	Hexachloroethane	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	Hydroxymethyl phthalimide	mg/kg	5	0	ND	2.27E-02	ND
SVOCs	Isophorone	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	Nitrobenzene	mg/kg	27	0	ND	1.77E-02	ND
SVOCs	n-Nitroso-di-n-propylamine	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	n-Nitrosodiphenylamine	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	Octachlorostyrene	mg/kg	27	0	ND	1.98E-02	ND
SVOCs	Pentachlorobenzene	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	Pentachlorophenol	mg/kg	5	0	ND	1.72E-01	ND
SVOCs	Phenol	mg/kg	5	0	ND	1.73E-02	ND
SVOCs	Pyridine	mg/kg	27	0	ND	8.23E-02	ND
TPH	Oil Range Organics	mg/kg	19	1	1.30E+02	2.63E+01	1.30E+02
TPH	Total petroleum hydrocarbon-diesel	mg/kg	19	2	3.40E+01	2.39E+01	7.20E+01
TPH	Total petroleum hydrocarbon-gasoline	mg/kg	2	0	ND	5.50E-02	ND
VOCs	1,1,1,2-Tetrachloroethane	mg/kg	27	0	ND	3.52E-04	ND
VOCs	1,1,1-Trichloroethane	mg/kg	27	0	ND	3.03E-04	ND
VOCs	1,1,2,2-Tetrachloroethane	mg/kg	27	0	ND	3.85E-04	ND
VOCs	1,1,2-Trichloroethane	mg/kg	27	0	ND	4.40E-04	ND
VOCs	1,1-Dichloroethane	mg/kg	27	0	ND	4.62E-04	ND
VOCs	1,1-Dichloroethene	mg/kg	27	0	ND	3.97E-04	ND
VOCs	1,1-Dichloropropene	mg/kg	27	0	ND	3.84E-04	ND
VOCs	1,2,3-Trichlorobenzene	mg/kg	27	0	ND	5.62E-04	ND
VOCs	1,2,3-Trichloropropane	mg/kg	27	0	ND	4.72E-04	ND
VOCs	1,2,4-Trichlorobenzene	mg/kg	27	0	ND	6.21E-04	ND
VOCs	1,2,4-Trimethylbenzene	mg/kg	27	2	4.20E-04	5.04E-04	8.20E-04
VOCs	1,2-Dibromo-3-chloropropane	mg/kg	27	0	ND	5.97E-04	ND
VOCs	1,2-Dibromoethane	mg/kg	22	0	ND	3.94E-04	ND
VOCs	1,2-Dichlorobenzene	mg/kg	27	0	ND	3.66E-04	ND
VOCs	1,2-Dichloroethane	mg/kg	27	0	ND	3.79E-04	ND
VOCs	1,2-Dichloroethene	mg/kg	5	0	ND	2.83E-04	ND
VOCs	1,2-Dichloropropane	mg/kg	27	0	ND	3.86E-04	ND
VOCs	1,3,5-Trichlorobenzene	mg/kg	5	0	ND	3.52E-04	ND
VOCs	1,3,5-Trimethylbenzene	mg/kg	27	0	ND	4.31E-04	ND
VOCs	1,3-Dichlorobenzene	mg/kg	27	0	ND	4.10E-04	ND
VOCs	1,3-Dichloropropane	mg/kg	27	0	ND	3.58E-04	ND
VOCs	1,4-Dichlorobenzene	mg/kg	27	0	ND	4.70E-04	ND
VOCs	2,2,3-Trimethylbutane	mg/kg	5	0	ND	1.10E-04	ND

TABLE 2-4c: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
VOCs	2,2-Dichloropropane	mg/kg	27	0	ND	3.64E-04	ND
VOCs	2,2-Dimethylpentane	mg/kg	5	0	ND	1.43E-04	ND
VOCs	2,3-Dimethylpentane	mg/kg	5	0	ND	1.17E-04	ND
VOCs	2,4-Dimethylpentane	mg/kg	5	0	ND	1.00E-04	ND
VOCs	2-Butanone	mg/kg	27	15	7.90E-04	1.63E-03	2.70E-03
VOCs	2-Chlorotoluene	mg/kg	27	0	ND	4.88E-04	ND
VOCs	2-Hexanone	mg/kg	27	0	ND	8.60E-04	ND
VOCs	2-Methylhexane	mg/kg	5	0	ND	1.05E-04	ND
VOCs	2-Nitropropane	mg/kg	5	0	ND	9.10E-04	ND
VOCs	3,3-Dimethylpentane	mg/kg	5	0	ND	1.05E-04	ND
VOCs	3-Ethylpentane	mg/kg	5	0	ND	1.10E-04	ND
VOCs	3-Methylhexane	mg/kg	5	0	ND	7.20E-05	ND
VOCs	4-Chlorotoluene	mg/kg	27	0	ND	5.08E-04	ND
VOCs	4-Methyl-2-pentanone	mg/kg	27	0	ND	8.80E-04	ND
VOCs	Acetone	mg/kg	27	21	2.30E-03	1.00E-02	2.70E-02
VOCs	Acetonitrile	mg/kg	5	0	ND	1.03E-03	ND
VOCs	Benzene	mg/kg	27	0	ND	3.88E-04	ND
VOCs	Bromobenzene	mg/kg	27	0	ND	3.97E-04	ND
VOCs	Bromochloromethane	mg/kg	27	0	ND	4.15E-04	ND
VOCs	Bromodichloromethane	mg/kg	27	0	ND	4.21E-04	ND
VOCs	Bromoform	mg/kg	27	0	ND	4.04E-04	ND
VOCs	Bromomethane	mg/kg	27	0	ND	7.44E-04	ND
VOCs	Carbon disulfide	mg/kg	5	0	ND	2.87E-04	ND
VOCs	Carbon tetrachloride	mg/kg	27	0	ND	4.61E-04	ND
VOCs	Chlorobenzene	mg/kg	27	0	ND	3.91E-04	ND
VOCs	Chloroethane	mg/kg	27	0	ND	4.34E-04	ND
VOCs	Chloroform	mg/kg	27	0	ND	3.78E-04	ND
VOCs	Chloromethane	mg/kg	27	1	6.20E-04	4.88E-04	6.20E-04
VOCs	cis-1,2-Dichloroethene	mg/kg	27	1	4.10E-03	5.08E-04	4.10E-03
VOCs	cis-1,3-Dichloropropene	mg/kg	27	0	ND	4.04E-04	ND
VOCs	Cumene	mg/kg	27	0	ND	4.04E-04	ND
VOCs	Dibromochloromethane	mg/kg	27	0	ND	3.59E-04	ND
VOCs	Dibromomethane	mg/kg	27	0	ND	3.65E-04	ND
VOCs	Dichlorodifluoromethane	mg/kg	27	0	ND	4.51E-04	ND
VOCs	Diisopropyl ether	mg/kg	22	0	ND	3.89E-04	ND
VOCs	Dimethyl disulfide	mg/kg	5	0	ND	1.11E-04	ND
VOCs	Ethanol	mg/kg	5	0	ND	1.02E-01	ND
VOCs	Ethyl benzene	mg/kg	27	0	ND	5.47E-04	ND
VOCs	Ethyl tert-butyl ether	mg/kg	22	0	ND	3.89E-04	ND
VOCs	Freon 113	mg/kg	7	0	ND	8.64E-04	ND
VOCs	Iodomethane	mg/kg	5	0	ND	1.34E-04	ND
VOCs	m,p-Xylene	mg/kg	25	1	6.40E-04	4.67E-04	6.40E-04
VOCs	Methyl tert-butyl ether	mg/kg	27	0	ND	3.84E-04	ND
VOCs	Methylene Chloride	mg/kg	27	3	3.40E-04	8.45E-04	3.10E-03
VOCs	n-Butylbenzene	mg/kg	27	0	ND	5.48E-04	ND
VOCs	n-Heptane	mg/kg	5	0	ND	8.50E-05	ND
VOCs	n-Nonyl aldehyde	mg/kg	5	0	ND	4.60E-04	ND
VOCs	n-Propylbenzene	mg/kg	27	0	ND	4.83E-04	ND
VOCs	o-Xylene	mg/kg	25	0	ND	2.91E-04	ND
VOCs	p-Cymene	mg/kg	27	0	ND	4.60E-04	ND
VOCs	sec-Butylbenzene	mg/kg	27	0	ND	4.81E-04	ND
VOCs	Styrene	mg/kg	27	0	ND	4.85E-04	ND
VOCs	t-Amyl methyl ether	mg/kg	22	0	ND	3.33E-04	ND
VOCs	tert Butyl alcohol	mg/kg	22	0	ND	3.71E-03	ND
VOCs	tert-Butylbenzene	mg/kg	27	0	ND	4.48E-04	ND
VOCs	Tetrachloroethene	mg/kg	27	0	ND	4.14E-04	ND
VOCs	Toluene	mg/kg	27	15	3.00E-04	5.21E-04	1.10E-03
VOCs	trans-1,2-Dichloroethene	mg/kg	27	0	ND	4.15E-04	ND
VOCs	trans-1,3-Dichloropropene	mg/kg	27	0	ND	3.65E-04	ND
VOCs	Trichloroethene	mg/kg	27	1	2.10E-03	4.60E-04	2.10E-03
VOCs	Trichlorofluoromethane	mg/kg	27	0	ND	3.97E-04	ND

TABLE 2-4c: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
VOCs	Vinyl acetate	mg/kg	5	0	ND	9.20E-05	ND
VOCs	Vinyl chloride	mg/kg	27	0	ND	4.16E-04	ND
VOCs	Xylenes (total)	mg/kg	7	0	ND	1.89E-03	ND

Notes:

# = Number
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDD = Dichlorodiphenyldichloroethylene
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of DDT and its isomers
DL = Detection limit
Eco DU = Ecological Decision Unit
EFH = Extractable fuel hydrocarbons
EPN = O-Ethyl O-(4-nitrophenyl) phenylphosphonothioate
HMW = High molecular weight
LMW = Low molecular weight
mg/kg = Milligram per kilogram
ND = Nondetects
OCPs = Organochlorine pesticides
OPPs = Organophosphate pesticides
OU-1 = Operable Unit 1
PAHs = Polycyclic aromatic hydrocarbons
PCBs = Polychlorinated biphenyls
pci/g = Average picocuries per gram
RAD = Radionuclide compounds
SLERA = Screening level ecological risk assessment
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
VOCs = Volatile organic compounds

TABLE 2-4d: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
Chlorine Oxyanions	Chlorate	mg/kg	9	4	2.65E-01	2.73E+00	1.57E+01
Chlorine Oxyanions	Perchlorate	mg/kg	21	21	7.10E-02	3.91E+02	1.69E+03
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	mg/kg	22	20	1.37E-05	4.31E-04	4.26E-03
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	mg/kg	22	20	4.87E-06	2.12E-04	2.08E-03
General Chemistry	Ammonia	mg/kg	6	2	5.96E+01	2.23E+01	7.11E+01
General Chemistry	Bromide	mg/kg	9	0	ND	2.93E-01	ND
General Chemistry	Chlorite	mg/kg	2	0	ND	2.00E-02	ND
General Chemistry	Cyanide (total)	mg/kg	7	0	ND	1.83E-01	ND
General Chemistry	Fluoride	mg/kg	2	1	7.50E-01	4.40E-01	7.50E-01
General Chemistry	Nitrate	mg/kg	9	9	1.28E+00	3.57E+02	2.28E+03
General Chemistry	Nitrite	mg/kg	7	3	2.29E+00	2.13E+00	7.10E+00
General Chemistry	ortho-Phosphate	mg/kg	5	1	3.12E+01	7.23E+00	3.12E+01
General Chemistry	Sulfate	mg/kg	9	9	1.62E+01	8.09E+01	3.20E+02
Metals	Aluminum	mg/kg	9	9	5.56E+03	7.80E+03	1.03E+04
Metals	Antimony	mg/kg	9	5	1.20E-01	2.00E-01	1.90E-01
Metals	Arsenic	mg/kg	27	27	1.69E+00	3.68E+00	6.40E+00
Metals	Barium	mg/kg	9	9	7.98E+01	1.61E+02	2.13E+02
Metals	Beryllium	mg/kg	9	9	2.76E-01	4.67E-01	5.59E-01
Metals	Boron	mg/kg	9	9	2.90E+00	5.24E+00	7.30E+00
Metals	Cadmium	mg/kg	9	9	5.90E-02	9.38E-02	1.90E-01
Metals	Chromium (total)	mg/kg	9	9	5.22E+00	1.12E+01	2.71E+01
Metals	Chromium VI	mg/kg	9	3	1.20E-01	2.78E-01	1.30E+00
Metals	Cobalt	mg/kg	9	9	4.80E+00	6.70E+00	7.80E+00
Metals	Copper	mg/kg	9	9	1.10E+01	1.51E+01	2.21E+01
Metals	Iron	mg/kg	9	9	1.08E+04	1.33E+04	1.62E+04
Metals	Lead	mg/kg	10	10	7.10E+00	8.56E+00	1.10E+01
Metals	Lithium	mg/kg	2	2	1.58E+01	1.89E+01	2.19E+01
Metals	Magnesium	mg/kg	9	9	6.03E+03	9.07E+03	1.19E+04
Metals	Manganese	mg/kg	10	10	1.67E+02	4.18E+02	1.50E+03
Metals	Mercury	mg/kg	10	7	5.00E-03	3.87E-02	3.10E-01
Metals	Molybdenum	mg/kg	9	9	3.00E-01	4.97E-01	9.70E-01
Metals	Nickel	mg/kg	9	9	1.11E+01	1.35E+01	1.67E+01
Metals	Niobium	mg/kg	2	0	ND	7.56E-01	ND
Metals	Palladium	mg/kg	2	2	5.10E-01	5.20E-01	5.30E-01
Metals	Phosphorus (total)	mg/kg	6	6	5.84E+02	7.74E+02	1.14E+03
Metals	Platinum	mg/kg	9	7	5.00E-03	3.10E-02	1.60E-01
Metals	Selenium	mg/kg	9	1	1.00E+00	2.89E-01	1.00E+00
Metals	Silicon	mg/kg	2	2	7.25E+01	1.10E+02	1.47E+02
Metals	Silver	mg/kg	9	5	8.60E-02	1.10E-01	1.50E-01
Metals	Strontium	mg/kg	9	9	7.25E+01	1.57E+02	2.53E+02
Metals	Sulfur	mg/kg	2	1	4.51E+02	3.31E+02	4.51E+02
Metals	Thallium	mg/kg	9	7	6.70E-02	1.14E-01	2.20E-01
Metals	Tin	mg/kg	9	9	4.30E-01	2.31E+00	5.00E+00
Metals	Titanium	mg/kg	9	9	4.42E+02	6.17E+02	8.57E+02
Metals	Tungsten	mg/kg	9	9	1.20E-01	2.94E-01	4.30E-01
Metals	Uranium (total)	mg/kg	9	9	7.40E-01	1.26E+00	1.88E+00
Metals	Vanadium	mg/kg	9	9	3.03E+01	3.79E+01	4.50E+01
Metals	Zinc	mg/kg	9	9	2.15E+01	2.88E+01	3.54E+01
Metals	Zirconium	mg/kg	2	2	1.80E+01	2.00E+01	2.20E+01
OCPs	2,4'-DDD	mg/kg	2	0	ND	6.00E-05	ND
OCPs	2,4'-DDE	mg/kg	2	0	ND	4.70E-05	ND
OCPs	4,4'-DDD	mg/kg	6	0	ND	2.28E-03	ND
OCPs	4,4'-DDE	mg/kg	6	2	3.70E-02	1.74E-02	6.50E-02
OCPs	4,4'-DDT	mg/kg	6	2	5.20E-02	1.85E-02	5.70E-02
OCPs	Calculated DDx (ND=0.5DL)	mg/kg	6	2	9.57E-02	3.82E-02	1.27E-01
OCPs	Aldrin	mg/kg	6	0	ND	2.03E-03	ND
OCPs	alpha-BHC	mg/kg	6	0	ND	2.02E-03	ND
OCPs	alpha-Chlordane	mg/kg	6	0	ND	2.07E-03	ND
OCPs	beta-BHC	mg/kg	6	4	4.10E-03	1.34E-02	5.20E-02

TABLE 2-4d: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
OCPs	Chlordane (total)	mg/kg	5	0	ND	1.40E-02	ND
OCPs	delta-BHC	mg/kg	6	0	ND	2.11E-03	ND
OCPs	Dieldrin	mg/kg	6	0	ND	2.10E-03	ND
OCPs	Endosulfan I	mg/kg	6	0	ND	1.99E-03	ND
OCPs	Endosulfan II	mg/kg	6	0	ND	2.14E-03	ND
OCPs	Endosulfan sulfate	mg/kg	6	0	ND	2.13E-03	ND
OCPs	Endrin	mg/kg	6	0	ND	2.14E-03	ND
OCPs	Endrin aldehyde	mg/kg	6	0	ND	2.08E-03	ND
OCPs	Endrin ketone	mg/kg	6	0	ND	2.28E-03	ND
OCPs	gamma-BHC	mg/kg	6	0	ND	2.14E-03	ND
OCPs	gamma-Chlordane	mg/kg	6	0	ND	2.04E-03	ND
OCPs	Heptachlor	mg/kg	6	0	ND	2.10E-03	ND
OCPs	Heptachlor epoxide	mg/kg	6	0	ND	2.12E-03	ND
OCPs	Hexachlorobenzene	mg/kg	29	17	1.30E-02	1.17E-01	7.60E-01
OCPs	Methoxychlor	mg/kg	6	0	ND	4.65E-03	ND
OCPs	Toxaphene	mg/kg	6	0	ND	6.43E-02	ND
OPPs	Chlorpyrifos	mg/kg	2	0	ND	7.00E-03	ND
OPPs	Coumaphos	mg/kg	2	0	ND	4.25E-03	ND
OPPs	Dasanit	mg/kg	2	0	ND	5.70E-03	ND
OPPs	Demeton-O	mg/kg	2	0	ND	1.19E-02	ND
OPPs	Demeton-S	mg/kg	2	0	ND	5.33E-03	ND
OPPs	Diazinon	mg/kg	2	0	ND	7.73E-03	ND
OPPs	Dichlorovos	mg/kg	2	0	ND	8.25E-03	ND
OPPs	Dimethoate	mg/kg	2	0	ND	7.68E-03	ND
OPPs	Disulfoton	mg/kg	2	0	ND	1.49E-02	ND
OPPs	EPN	mg/kg	2	0	ND	4.50E-03	ND
OPPs	Ethoprop	mg/kg	2	0	ND	5.33E-03	ND
OPPs	Famphur	mg/kg	2	0	ND	4.38E-03	ND
OPPs	Fenthion	mg/kg	2	0	ND	1.11E-02	ND
OPPs	Guthion	mg/kg	2	0	ND	4.45E-03	ND
OPPs	Malathion	mg/kg	2	0	ND	5.25E-03	ND
OPPs	Merphos	mg/kg	2	0	ND	9.40E-03	ND
OPPs	Methyl parathion	mg/kg	2	0	ND	6.98E-03	ND
OPPs	Mevinphos	mg/kg	2	0	ND	5.25E-03	ND
OPPs	Naled	mg/kg	2	0	ND	1.48E-02	ND
OPPs	Parathion	mg/kg	2	0	ND	6.18E-03	ND
OPPs	Phorate	mg/kg	2	0	ND	6.80E-03	ND
OPPs	Prothiophos	mg/kg	2	0	ND	6.30E-03	ND
OPPs	Ronnel	mg/kg	2	0	ND	8.75E-03	ND
OPPs	Stirophos	mg/kg	2	0	ND	5.18E-03	ND
OPPs	Sulfotepp	mg/kg	2	0	ND	6.95E-03	ND
OPPs	Sulprofos	mg/kg	2	0	ND	4.65E-03	ND
OPPs	Thionazin	mg/kg	2	0	ND	6.25E-03	ND
OPPs	Trichloronate	mg/kg	2	0	ND	6.95E-03	ND
Organics	4-Chlorobenzenesulfonic acid	mg/kg	1	0	ND	1.25E-01	ND
Organics	Benzenesulfonic acid	mg/kg	1	0	ND	1.25E-01	ND
Organics	Diethylphosphorodithioate	mg/kg	1	0	ND	1.25E-01	ND
Organics	o,o-Dimethyl Phosphorodithioate	mg/kg	1	0	ND	6.50E-01	ND
Organics	Phthalic acid	mg/kg	3	0	ND	1.30E-01	ND
PAHs	Calculated HMW PAHs (ND=0.5DL)	mg/kg	28	2	1.87E-02	3.02E-01	4.18E-01
PAHs	Calculated LMW PAHs (ND=0.5DL)	mg/kg	28	3	5.86E-03	1.92E-01	7.90E-02
PAHs	Calculated Total PAHs (ND=0.5DL)	mg/kg	28	3	1.14E-02	4.94E-01	4.97E-01
PCBs	Aroclor-1016	mg/kg	4	0	ND	1.61E-02	ND
PCBs	Aroclor-1221	mg/kg	4	0	ND	1.90E-02	ND
PCBs	Aroclor-1232	mg/kg	4	0	ND	1.61E-02	ND
PCBs	Aroclor-1242	mg/kg	4	0	ND	1.74E-02	ND

TABLE 2-4d: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
PCBs	Aroclor-1248	mg/kg	4	0	ND	1.61E-02	ND
PCBs	Aroclor-1254	mg/kg	4	0	ND	1.61E-02	ND
PCBs	Aroclor-1260	mg/kg	4	0	ND	1.79E-02	ND
PCBs	Calculated Aroclor-1242 (ND=0.5DL)	mg/kg	1	1	6.05E-04	6.05E-04	6.05E-04
PCBs	Calculated Aroclor-1248 (ND=0.5DL)	mg/kg	1	1	8.16E-04	8.16E-04	8.16E-04
PCBs	Calculated Aroclor-1254 (ND=0.5DL)	mg/kg	1	1	7.49E-04	7.49E-04	7.49E-04
PCBs	Calculated Aroclor-1260 (ND=0.5DL)	mg/kg	1	1	5.94E-04	5.94E-04	5.94E-04
PCBs	Calculated Total PCBs (ND=0.5DL)	mg/kg	1	1	3.72E-03	3.72E-03	3.72E-03
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	mg/kg	1	1	3.15E-07	3.15E-07	3.15E-07
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	mg/kg	1	1	1.38E-07	1.38E-07	1.38E-07
RAD	Radium-226	pCi/g	9	9	5.45E-01	1.18E+00	1.72E+00
RAD	Radium-228	pCi/g	9	9	4.50E-01	1.51E+00	2.04E+00
RAD	Thorium-228	pCi/g	8	8	7.79E-01	1.48E+00	1.89E+00
RAD	Thorium-230	pCi/g	8	8	5.29E-01	1.42E+00	3.30E+00
RAD	Thorium-232	pCi/g	8	8	5.44E-01	1.29E+00	1.87E+00
RAD	Uranium-234	pCi/g	8	8	4.04E-01	1.37E+00	3.43E+00
RAD	Uranium-235	pCi/g	8	8	4.71E-03	5.01E-02	1.68E-01
RAD	Uranium-238	pCi/g	8	8	3.76E-01	1.23E+00	3.33E+00
SVOCs	1,2,4,5-Tetrachlorobenzene	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	1,2-Diphenylhydrazine	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	1,4-Dioxane	mg/kg	28	0	ND	4.41E-02	ND
SVOCs	2,2'-/4,4'-Dichlorobenzil	mg/kg	2	0	ND	3.50E-02	ND
SVOCs	2,4,5-Trichlorophenol	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	2,4,6-Trichlorophenol	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	2,4-Dichlorophenol	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	2,4-Dimethylphenol	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	2,4-Dinitrophenol	mg/kg	2	0	ND	1.73E-01	ND
SVOCs	2,4-Dinitrotoluene	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	2,6-Dinitrotoluene	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	2-Chloronaphthalene	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	2-Chlorophenol	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	2-Methylphenol	mg/kg	2	0	ND	6.25E-02	ND
SVOCs	2-Nitroaniline	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	2-Nitrophenol	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	3&4-Methylphenol	mg/kg	2	0	ND	3.50E-02	ND
SVOCs	3,3'-Dichlorobenzidine	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	3-Nitroaniline	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	4-Bromophenyl-phenyl ether	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	4-Chloro-3-methylphenol	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	4-Chloroaniline	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	4-Chlorophenyl-phenyl ether	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	4-Chlorothioanisole	mg/kg	2	0	ND	4.00E-03	ND
SVOCs	4-Chlorothiophenol	mg/kg	2	0	ND	9.75E-02	ND
SVOCs	4-Nitroaniline	mg/kg	2	0	ND	1.73E-01	ND
SVOCs	4-Nitrophenol	mg/kg	2	0	ND	1.73E-01	ND
SVOCs	Acetophenone	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	Aniline	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	Azobenzene	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	Benzenethiol	mg/kg	2	0	ND	6.50E-02	ND
SVOCs	Benzoic acid	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	Benzyl alcohol	mg/kg	2	0	ND	1.73E-02	ND

TABLE 2-4d: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
SVOCs	bis(2-Chloro-1-methylethyl) ether	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	bis(2-Chloroethoxy)methane	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	bis(2-Chloroethyl) ether	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	bis(2-Ethylhexyl)phthalate	mg/kg	28	4	1.60E-01	7.44E-02	1.90E-01
SVOCs	bis(4-Chlorophenyl) disulfide	mg/kg	2	0	ND	1.08E-01	ND
SVOCs	bis(4-Chlorophenyl) sulfone	mg/kg	2	0	ND	1.65E-01	ND
SVOCs	Butylbenzylphthalate	mg/kg	28	0	ND	3.59E-02	ND
SVOCs	Carbazole	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	Dibenzofuran	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	Diethylphthalate	mg/kg	28	1	3.50E-01	6.40E-02	3.50E-01
SVOCs	Dimethylphthalate	mg/kg	28	0	ND	2.88E-02	ND
SVOCs	Di-n-butylphthalate	mg/kg	28	4	5.20E-02	5.88E-02	6.50E-01
SVOCs	Di-n-octylphthalate	mg/kg	28	0	ND	2.53E-02	ND
SVOCs	Diphenyl disulfide	mg/kg	2	0	ND	1.53E-02	ND
SVOCs	Diphenyl sulfide	mg/kg	2	0	ND	1.88E-03	ND
SVOCs	Diphenyl sulfone	mg/kg	2	0	ND	3.50E-03	ND
SVOCs	Hexachlorobutadiene	mg/kg	9	1	2.00E-03	5.15E-03	2.00E-03
SVOCs	Hexachlorocyclopentadiene	mg/kg	2	0	ND	1.73E-01	ND
SVOCs	Hexachloroethane	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	Hydroxymethyl phthalimide	mg/kg	2	0	ND	2.28E-02	ND
SVOCs	Isophorone	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	Nitrobenzene	mg/kg	28	0	ND	2.87E-02	ND
SVOCs	n-Nitroso-di-n-propylamine	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	n-Nitrosodiphenylamine	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	Octachlorostyrene	mg/kg	28	6	1.30E-02	7.32E-02	6.80E-01
SVOCs	Pentachlorobenzene	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	Pentachlorophenol	mg/kg	2	0	ND	1.73E-01	ND
SVOCs	Phenol	mg/kg	2	0	ND	1.73E-02	ND
SVOCs	Pyridine	mg/kg	28	0	ND	1.47E-01	ND
TPH	Oil Range Organics	mg/kg	3	0	ND	1.88E+01	ND
TPH	Total petroleum hydrocarbon-diesel	mg/kg	3	0	ND	1.88E+01	ND
TPH	Total petroleum hydrocarbon-gasoline	mg/kg	2	0	ND	1.73E+00	ND
VOCs	1,1,1,2-Tetrachloroethane	mg/kg	9	0	ND	1.03E-03	ND
VOCs	1,1,1-Trichloroethane	mg/kg	9	0	ND	1.00E-03	ND
VOCs	1,1,2,2-Tetrachloroethane	mg/kg	9	0	ND	1.05E-03	ND
VOCs	1,1,2-Trichloroethane	mg/kg	9	0	ND	1.08E-03	ND
VOCs	1,1-Dichloroethane	mg/kg	9	0	ND	1.13E-03	ND
VOCs	1,1-Dichloroethene	mg/kg	9	0	ND	1.09E-03	ND
VOCs	1,1-Dichloropropene	mg/kg	9	0	ND	1.07E-03	ND
VOCs	1,2,3-Trichlorobenzene	mg/kg	9	0	ND	1.22E-03	ND
VOCs	1,2,3-Trichloropropane	mg/kg	9	0	ND	1.14E-03	ND
VOCs	1,2,4-Trichlorobenzene	mg/kg	9	0	ND	1.25E-03	ND
VOCs	1,2,4-Trimethylbenzene	mg/kg	9	1	4.50E-04	1.14E-03	4.50E-04
VOCs	1,2-Dibromo-3-chloropropane	mg/kg	9	0	ND	1.23E-03	ND
VOCs	1,2-Dibromoethane	mg/kg	7	0	ND	1.30E-03	ND
VOCs	1,2-Dichlorobenzene	mg/kg	9	0	ND	1.05E-03	ND
VOCs	1,2-Dichloroethane	mg/kg	9	0	ND	1.07E-03	ND
VOCs	1,2-Dichloroethene	mg/kg	2	0	ND	2.85E-04	ND
VOCs	1,2-Dichloropropane	mg/kg	9	0	ND	1.07E-03	ND
VOCs	1,3,5-Trichlorobenzene	mg/kg	2	0	ND	3.55E-04	ND
VOCs	1,3,5-Trimethylbenzene	mg/kg	9	0	ND	1.07E-03	ND
VOCs	1,3-Dichlorobenzene	mg/kg	9	0	ND	1.08E-03	ND
VOCs	1,3-Dichloropropane	mg/kg	9	0	ND	1.04E-03	ND
VOCs	1,4-Dichlorobenzene	mg/kg	9	0	ND	1.12E-03	ND
VOCs	2,2,3-Trimethylbutane	mg/kg	2	0	ND	1.10E-04	ND

TABLE 2-4d: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
VOCs	2,2-Dichloropropane	mg/kg	9	0	ND	1.04E-03	ND
VOCs	2,2-Dimethylpentane	mg/kg	2	0	ND	1.43E-04	ND
VOCs	2,3-Dimethylpentane	mg/kg	2	0	ND	1.18E-04	ND
VOCs	2,4-Dimethylpentane	mg/kg	2	0	ND	1.03E-04	ND
VOCs	2-Butanone	mg/kg	9	2	1.10E-03	2.49E-03	2.10E-03
VOCs	2-Chlorotoluene	mg/kg	9	0	ND	1.14E-03	ND
VOCs	2-Hexanone	mg/kg	9	0	ND	2.12E-03	ND
VOCs	2-Methylhexane	mg/kg	2	0	ND	1.08E-04	ND
VOCs	2-Nitropropane	mg/kg	2	0	ND	9.00E-04	ND
VOCs	3,3-Dimethylpentane	mg/kg	2	0	ND	1.08E-04	ND
VOCs	3-Ethylpentane	mg/kg	2	0	ND	1.10E-04	ND
VOCs	3-Methylhexane	mg/kg	2	0	ND	7.50E-05	ND
VOCs	4-Chlorotoluene	mg/kg	9	0	ND	1.18E-03	ND
VOCs	4-Methyl-2-pentanone	mg/kg	9	0	ND	2.26E-03	ND
VOCs	Acetone	mg/kg	9	5	3.00E-03	6.53E-03	1.40E-02
VOCs	Acetonitrile	mg/kg	2	0	ND	1.05E-03	ND
VOCs	Benzene	mg/kg	9	0	ND	1.05E-03	ND
VOCs	Bromobenzene	mg/kg	9	0	ND	1.06E-03	ND
VOCs	Bromochloromethane	mg/kg	9	0	ND	1.08E-03	ND
VOCs	Bromodichloromethane	mg/kg	9	0	ND	1.07E-03	ND
VOCs	Bromoform	mg/kg	9	0	ND	1.07E-03	ND
VOCs	Bromomethane	mg/kg	9	0	ND	2.11E-03	ND
VOCs	Carbon disulfide	mg/kg	2	0	ND	2.88E-04	ND
VOCs	Carbon tetrachloride	mg/kg	9	0	ND	1.16E-03	ND
VOCs	Chlorobenzene	mg/kg	9	2	1.20E-03	7.57E-04	1.90E-03
VOCs	Chloroethane	mg/kg	9	0	ND	1.10E-03	ND
VOCs	Chloroform	mg/kg	9	3	5.40E-04	6.63E-04	1.30E-03
VOCs	Chloromethane	mg/kg	9	0	ND	1.11E-03	ND
VOCs	cis-1,2-Dichloroethene	mg/kg	9	0	ND	1.05E-03	ND
VOCs	cis-1,3-Dichloropropene	mg/kg	9	0	ND	1.10E-03	ND
VOCs	Cumene	mg/kg	9	0	ND	1.06E-03	ND
VOCs	Dibromochloromethane	mg/kg	9	0	ND	1.06E-03	ND
VOCs	Dibromomethane	mg/kg	9	0	ND	1.06E-03	ND
VOCs	Dichlorodifluoromethane	mg/kg	9	0	ND	1.12E-03	ND
VOCs	Diisopropyl ether	mg/kg	7	0	ND	1.28E-03	ND
VOCs	Dimethyl disulfide	mg/kg	2	0	ND	1.13E-04	ND
VOCs	Ethanol	mg/kg	2	0	ND	1.03E-01	ND
VOCs	Ethyl benzene	mg/kg	9	0	ND	1.20E-03	ND
VOCs	Ethyl tert-butyl ether	mg/kg	7	0	ND	1.28E-03	ND
VOCs	Freon 113	mg/kg	2	0	ND	2.80E-04	ND
VOCs	Iodomethane	mg/kg	2	0	ND	1.35E-04	ND
VOCs	m,p-Xylene	mg/kg	6	0	ND	4.35E-04	ND
VOCs	Methyl tert-butyl ether	mg/kg	9	0	ND	1.06E-03	ND
VOCs	Methylene Chloride	mg/kg	9	1	1.80E-03	1.49E-03	1.80E-03
VOCs	n-Butylbenzene	mg/kg	9	0	ND	1.18E-03	ND
VOCs	n-Heptane	mg/kg	2	0	ND	8.50E-05	ND
VOCs	n-Nonyl aldehyde	mg/kg	2	0	ND	4.63E-04	ND
VOCs	n-Propylbenzene	mg/kg	9	0	ND	1.17E-03	ND
VOCs	o-Xylene	mg/kg	6	0	ND	3.22E-04	ND
VOCs	p-Cymene	mg/kg	9	0	ND	1.11E-03	ND
VOCs	sec-Butylbenzene	mg/kg	9	0	ND	1.11E-03	ND
VOCs	Styrene	mg/kg	9	0	ND	1.17E-03	ND
VOCs	t-Amyl methyl ether	mg/kg	7	0	ND	1.23E-03	ND
VOCs	tert Butyl alcohol	mg/kg	7	0	ND	3.71E-03	ND
VOCs	tert-Butylbenzene	mg/kg	9	0	ND	1.09E-03	ND
VOCs	Tetrachloroethene	mg/kg	9	1	6.80E-04	1.14E-03	6.80E-04
VOCs	Toluene	mg/kg	9	0	ND	1.03E-03	ND
VOCs	trans-1,2-Dichloroethene	mg/kg	9	0	ND	1.07E-03	ND
VOCs	trans-1,3-Dichloropropene	mg/kg	9	0	ND	1.05E-03	ND
VOCs	Trichloroethene	mg/kg	9	0	ND	1.08E-03	ND
VOCs	Trichlorofluoromethane	mg/kg	9	0	ND	1.08E-03	ND

TABLE 2-4d: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
VOCs	Vinyl acetate	mg/kg	2	0	ND	9.25E-05	ND
VOCs	Vinyl chloride	mg/kg	9	0	ND	1.06E-03	ND
VOCs	Xylenes (total)	mg/kg	5	0	ND	3.58E-03	ND

Notes:

# = Number
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDD = Dichlorodiphenyldichloroethylene
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of DDT and its isomers
DL = Detection limit
Eco DU = Ecological Decision Unit
EFH = Extractable fuel hydrocarbons
EPN = O-Ethyl O-(4-nitrophenyl) phenylphosphonothioate
HMW = High molecular weight
LMW = Low molecular weight
mg/kg = Milligram per kilogram
ND = Nondetects
OCPs = Organochlorine pesticides
OPPs = Organophosphate pesticides
OU-1 = Operable Unit 1
PAHs = Polycyclic aromatic hydrocarbons
PCBs = Polychlorinated biphenyls
pci/g = Average picocuries per gram
RAD = Radionuclide compounds
SLERA = Screening level ecological risk assessment
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
VOCs = Volatile organic compounds

TABLE 2-4e: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
Chlorine Oxyanions	Chlorate	mg/kg	8	8	1.90E-01	1.25E+00	4.20E+00
Chlorine Oxyanions	Perchlorate	mg/kg	8	8	7.70E-01	3.57E+00	6.10E+00
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	mg/kg	8	8	3.50E-06	5.22E-05	2.65E-04
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	mg/kg	8	8	1.44E-06	2.73E-05	1.39E-04
General Chemistry	Ammonia	mg/kg	8	8	3.20E+00	3.90E+00	4.90E+00
General Chemistry	Bromide	mg/kg	8	3	3.60E+00	4.13E+00	1.50E+01
General Chemistry	Chlorite	mg/kg	8	0	ND	2.07E-02	ND
General Chemistry	Fluoride	mg/kg	8	0	ND	1.80E+00	ND
General Chemistry	Nitrate	mg/kg	8	8	1.82E+01	9.48E+01	2.26E+02
General Chemistry	Nitrite	mg/kg	8	0	ND	1.83E+00	ND
General Chemistry	ortho-Phosphate	mg/kg	3	0	ND	1.99E+00	ND
General Chemistry	Sulfate	mg/kg	8	8	6.50E+01	1.60E+03	6.90E+03
Metals	Antimony	mg/kg	8	1	3.10E-01	1.59E-01	3.10E-01
Metals	Arsenic	mg/kg	8	8	1.90E+00	3.04E+00	4.50E+00
Metals	Barium	mg/kg	8	8	1.20E+02	1.54E+02	2.00E+02
Metals	Boron	mg/kg	8	8	4.80E+00	1.30E+01	3.20E+01
Metals	Cadmium	mg/kg	8	0	ND	1.28E-01	ND
Metals	Chromium VI	mg/kg	8	1	2.60E-01	1.00E-01	2.60E-01
Metals	Cobalt	mg/kg	8	8	3.80E+00	5.25E+00	6.20E+00
Metals	Copper	mg/kg	8	8	1.10E+01	1.44E+01	1.70E+01
Metals	Iron	mg/kg	8	8	1.10E+04	1.43E+04	1.60E+04
Metals	Lead	mg/kg	8	8	5.90E+00	8.04E+00	1.00E+01
Metals	Magnesium	mg/kg	8	8	5.50E+03	7.96E+03	1.00E+04
Metals	Manganese	mg/kg	8	8	2.70E+02	3.48E+02	4.50E+02
Metals	Mercury	mg/kg	8	6	2.00E-02	6.66E-02	4.00E-01
Metals	Molybdenum	mg/kg	8	0	ND	5.00E-01	ND
Metals	Nickel	mg/kg	8	8	1.10E+01	1.50E+01	2.10E+01
Metals	Phosphorus (total)	mg/kg	8	8	7.30E+02	9.33E+02	1.30E+03
Metals	Silver	mg/kg	8	0	ND	4.57E-01	ND
Metals	Strontium	mg/kg	8	8	1.20E+02	1.71E+02	2.90E+02
Metals	Thallium	mg/kg	8	0	ND	1.28E-01	ND
Metals	Tungsten	mg/kg	8	0	ND	1.28E+00	ND
Metals	Vanadium	mg/kg	8	8	3.60E+01	4.24E+01	5.30E+01
Metals	Zirconium	mg/kg	8	8	8.40E+00	1.59E+01	2.00E+01
OCPs	2,4'-DDE	mg/kg	8	1	2.50E-03	9.75E-04	2.50E-03
OCPs	4,4'-DDD	mg/kg	8	0	ND	7.63E-04	ND
OCPs	4,4'-DDE	mg/kg	8	3	2.40E-03	3.20E-03	1.70E-02
OCPs	4,4'-DDT	mg/kg	8	1	3.50E-03	1.10E-03	3.50E-03
OCPs	Calculated DDx (ND=0.5DL)	mg/kg	8	3	4.65E-03	6.04E-03	2.38E-02
OCPs	Aldrin	mg/kg	8	0	ND	7.63E-04	ND
OCPs	alpha-BHC	mg/kg	8	0	ND	7.63E-04	ND
OCPs	alpha-Chlordane	mg/kg	8	0	ND	1.04E-03	ND
OCPs	beta-BHC	mg/kg	8	5	1.70E-03	4.09E-03	1.00E-02
OCPs	delta-BHC	mg/kg	8	0	ND	7.63E-04	ND
OCPs	Dieldrin	mg/kg	8	0	ND	7.63E-04	ND
OCPs	Endosulfan I	mg/kg	8	0	ND	7.63E-04	ND
OCPs	Endosulfan II	mg/kg	8	0	ND	7.63E-04	ND
OCPs	Endosulfan sulfate	mg/kg	8	0	ND	1.04E-03	ND
OCPs	Endrin	mg/kg	8	0	ND	7.63E-04	ND
OCPs	Endrin aldehyde	mg/kg	8	0	ND	7.63E-04	ND
OCPs	Endrin ketone	mg/kg	8	0	ND	1.04E-03	ND
OCPs	gamma-BHC	mg/kg	8	0	ND	7.63E-04	ND
OCPs	gamma-Chlordane	mg/kg	8	0	ND	7.63E-04	ND
OCPs	Heptachlor	mg/kg	8	0	ND	1.04E-03	ND
OCPs	Heptachlor epoxide	mg/kg	8	0	ND	1.04E-03	ND
OCPs	Hexachlorobenzene	mg/kg	8	0	ND	3.61E-02	ND

TABLE 2-4e: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
OCPs	Methoxychlor	mg/kg	8	0	ND	7.63E-04	ND
OCPs	Toxaphene	mg/kg	8	0	ND	2.58E-02	ND
OPPs	Atrazine	mg/kg	8	0	ND	6.00E-03	ND
OPPs	Chlorpyrifos	mg/kg	8	0	ND	3.23E-03	ND
OPPs	Coumaphos	mg/kg	8	0	ND	1.41E-03	ND
OPPs	Dasanit	mg/kg	8	0	ND	4.08E-03	ND
OPPs	Demeton (O + S)	mg/kg	8	0	ND	3.77E-03	ND
OPPs	Diazinon	mg/kg	8	0	ND	3.63E-03	ND
OPPs	Dichlorovos	mg/kg	8	0	ND	3.71E-03	ND
OPPs	Dimethoate	mg/kg	8	0	ND	3.54E-03	ND
OPPs	Disulfoton	mg/kg	8	0	ND	3.88E-03	ND
OPPs	EPN	mg/kg	8	0	ND	1.86E-03	ND
OPPs	Ethoprop	mg/kg	8	0	ND	2.46E-03	ND
OPPs	Famphur	mg/kg	8	0	ND	1.61E-03	ND
OPPs	Fenthion	mg/kg	8	0	ND	4.38E-03	ND
OPPs	Guthion	mg/kg	8	0	ND	1.76E-03	ND
OPPs	Malathion	mg/kg	8	0	ND	2.33E-03	ND
OPPs	Merphos	mg/kg	8	0	ND	2.58E-03	ND
OPPs	Methyl parathion	mg/kg	8	0	ND	3.18E-03	ND
OPPs	Mevinphos	mg/kg	8	0	ND	2.31E-03	ND
OPPs	Parathion	mg/kg	8	0	ND	2.65E-03	ND
OPPs	Phorate	mg/kg	8	0	ND	2.85E-03	ND
OPPs	Propazine	mg/kg	8	0	ND	4.31E-03	ND
OPPs	Prothiophos	mg/kg	8	0	ND	1.96E-03	ND
OPPs	Ronnel	mg/kg	8	0	ND	7.69E-03	ND
OPPs	Simazine	mg/kg	8	0	ND	1.11E-02	ND
OPPs	Sulfotepp	mg/kg	8	0	ND	3.13E-03	ND
OPPs	Sulprofos	mg/kg	8	0	ND	2.12E-03	ND
OPPs	Thionazin	mg/kg	8	0	ND	2.79E-03	ND
OPPs	Trichloronate	mg/kg	8	0	ND	3.13E-03	ND
Organics	Acetic acid	mg/kg	8	0	ND	6.88E-01	ND
Organics	Butyric acid	mg/kg	8	0	ND	7.38E-01	ND
Organics	Formic acid	mg/kg	8	0	ND	1.03E+00	ND
Organics	Lactic acid	mg/kg	8	0	ND	1.39E+00	ND
Organics	Propionic acid	mg/kg	8	0	ND	7.88E-01	ND
Organics	Pyruvic acid	mg/kg	8	0	ND	1.15E+00	ND
PAHs	Calculated HMW PAHs (ND=0.5DL)	mg/kg	8	0	ND	2.06E-02	ND
PAHs	Calculated LMW PAHs (ND=0.5DL)	mg/kg	8	1	1.33E-01	1.25E-01	1.33E-01
PAHs	Calculated Total PAHs (ND=0.5DL)	mg/kg	8	1	1.54E-01	1.46E-01	1.54E-01
PCBs	Calculated Aroclor-1242 (ND=0.5DL)	mg/kg	8	8	5.00E-06	5.29E-05	1.68E-04
PCBs	Calculated Aroclor-1248 (ND=0.5DL)	mg/kg	8	8	5.53E-06	7.89E-05	2.74E-04
PCBs	Calculated Aroclor-1254 (ND=0.5DL)	mg/kg	8	8	7.00E-06	1.52E-04	5.68E-04
PCBs	Calculated Aroclor-1260 (ND=0.5DL)	mg/kg	8	8	8.65E-06	2.08E-04	8.76E-04
PCBs	Calculated Total PCBs (ND=0.5DL)	mg/kg	8	8	1.40E-04	3.53E-03	1.58E-02
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	mg/kg	8	8	3.79E-08	6.22E-07	2.67E-06
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	mg/kg	8	8	2.46E-08	3.09E-07	1.42E-06

TABLE 2-4e: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
RAD	Radium-226	pCi/g	8	8	8.97E-01	1.12E+00	1.32E+00
RAD	Radium-228	pCi/g	8	8	7.50E-01	1.10E+00	1.77E+00
RAD	Thorium-228	pCi/g	8	8	1.57E+00	1.76E+00	2.03E+00
RAD	Thorium-230	pCi/g	8	8	1.10E+00	1.27E+00	1.44E+00
RAD	Thorium-232	pCi/g	8	8	1.33E+00	1.69E+00	2.01E+00
RAD	Uranium-234	pCi/g	8	8	8.47E-01	9.27E-01	1.14E+00
RAD	Uranium-235	pCi/g	8	8	6.93E-03	3.38E-02	6.55E-02
RAD	Uranium-238	pCi/g	8	8	8.05E-01	9.14E-01	1.04E+00
SVOCs	2,4,5-Trichlorophenol	mg/kg	8	0	ND	1.36E-01	ND
SVOCs	2,4,6-Trichlorophenol	mg/kg	8	0	ND	8.13E-02	ND
SVOCs	2,4-Dichlorophenol	mg/kg	8	0	ND	3.46E-02	ND
SVOCs	2,4-Dimethylphenol	mg/kg	8	0	ND	6.63E-02	ND
SVOCs	2,4-Dinitrophenol	mg/kg	8	0	ND	5.06E-01	ND
SVOCs	2,4-Dinitrotoluene	mg/kg	8	0	ND	4.12E-02	ND
SVOCs	2,6-Dinitrotoluene	mg/kg	8	0	ND	4.91E-02	ND
SVOCs	2-Chloronaphthalene	mg/kg	8	0	ND	3.46E-02	ND
SVOCs	2-Chlorophenol	mg/kg	8	0	ND	3.61E-02	ND
SVOCs	2-Methylphenol	mg/kg	8	0	ND	4.12E-02	ND
SVOCs	2-Nitroaniline	mg/kg	8	0	ND	8.81E-02	ND
SVOCs	2-Nitrophenol	mg/kg	8	0	ND	7.00E-02	ND
SVOCs	3&4-Methylphenol	mg/kg	8	0	ND	7.00E-02	ND
SVOCs	3,3'-Dichlorobenzidine	mg/kg	8	0	ND	7.63E-02	ND
SVOCs	3-Nitroaniline	mg/kg	8	0	ND	7.00E-02	ND
SVOCs	4-Bromophenyl-phenyl ether	mg/kg	8	0	ND	3.87E-02	ND
SVOCs	4-Chloro-3-methylphenol	mg/kg	8	0	ND	1.04E-01	ND
SVOCs	4-Chloroaniline	mg/kg	8	0	ND	7.63E-02	ND
SVOCs	4-Chlorophenyl-phenyl ether	mg/kg	8	0	ND	1.04E-01	ND
SVOCs	4-Nitroaniline	mg/kg	8	0	ND	7.00E-02	ND
SVOCs	4-Nitrophenol	mg/kg	8	0	ND	2.58E-01	ND
SVOCs	Aniline	mg/kg	2	0	ND	7.25E-02	ND
SVOCs	Benzidine	mg/kg	1	0	ND	8.50E-02	ND
SVOCs	Benzoic acid	mg/kg	8	0	ND	2.45E-01	ND
SVOCs	Benzyl alcohol	mg/kg	8	0	ND	2.12E-01	ND
SVOCs	bis(2-Chloroethoxy)methane	mg/kg	8	0	ND	7.00E-02	ND
SVOCs	bis(2-Chloroethyl) ether	mg/kg	8	0	ND	3.61E-02	ND
SVOCs	bis(2-Ethylhexyl)phthalate	mg/kg	8	0	ND	4.65E-02	ND
SVOCs	Butylbenzylphthalate	mg/kg	8	0	ND	4.12E-02	ND
SVOCs	Dibenzofuran	mg/kg	8	0	ND	7.13E-02	ND
SVOCs	Diethylphthalate	mg/kg	8	0	ND	4.91E-02	ND
SVOCs	Dimethylphthalate	mg/kg	8	0	ND	3.46E-02	ND
SVOCs	Di-n-butylphthalate	mg/kg	8	0	ND	4.65E-02	ND
SVOCs	Di-n-octylphthalate	mg/kg	8	0	ND	4.65E-02	ND
SVOCs	Hexachlorobutadiene	mg/kg	8	0	ND	5.48E-04	ND
SVOCs	Hexachlorocyclopentadiene	mg/kg	8	0	ND	1.61E-01	ND
SVOCs	Hexachloroethane	mg/kg	8	0	ND	3.61E-02	ND
SVOCs	Isophorone	mg/kg	8	0	ND	3.46E-02	ND
SVOCs	Nitrobenzene	mg/kg	8	0	ND	3.61E-02	ND
SVOCs	n-Nitroso-di-n-propylamine	mg/kg	8	0	ND	3.61E-02	ND
SVOCs	n-Nitrosodiphenylamine	mg/kg	8	0	ND	8.13E-02	ND
SVOCs	Octachlorostyrene	mg/kg	8	0	ND	1.05E+00	ND
SVOCs	Pentachlorophenol	mg/kg	8	0	ND	1.76E-01	ND
SVOCs	Phenol	mg/kg	8	0	ND	4.65E-02	ND
SVOCs	Pyridine	mg/kg	8	0	ND	7.63E-02	ND

TABLE 2-4e: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
TPH	Petroleum Hydrocarbons (C23-C40)	mg/kg	8	6	2.60E+00	2.71E+00	4.00E+00
TPH	Total petroleum hydrocarbon-diesel	mg/kg	8	0	ND	1.30E+00	ND
TPH	Total petroleum hydrocarbon-gasoline	mg/kg	8	0	ND	7.56E-02	ND
VOCs	1,1,1,2-Tetrachloroethane	mg/kg	8	0	ND	5.44E-04	ND
VOCs	1,1,1-Trichloroethane	mg/kg	8	0	ND	2.73E-04	ND
VOCs	1,1,2,2-Tetrachloroethane	mg/kg	8	0	ND	5.48E-04	ND
VOCs	1,1,2-Trichloroethane	mg/kg	8	0	ND	2.73E-04	ND
VOCs	1,1-Dichloroethane	mg/kg	8	0	ND	2.73E-04	ND
VOCs	1,1-Dichloroethene	mg/kg	8	0	ND	2.73E-04	ND
VOCs	1,1-Dichloropropene	mg/kg	8	0	ND	2.73E-04	ND
VOCs	1,2,3-Trichlorobenzene	mg/kg	8	0	ND	5.48E-04	ND
VOCs	1,2,3-Trichloropropane	mg/kg	8	0	ND	5.48E-04	ND
VOCs	1,2,4-Trichlorobenzene	mg/kg	8	0	ND	5.48E-04	ND
VOCs	1,2,4-Trimethylbenzene	mg/kg	8	0	ND	5.48E-04	ND
VOCs	1,2-Dibromo-3-chloropropane	mg/kg	8	0	ND	1.11E-03	ND
VOCs	1,2-Dibromoethane	mg/kg	8	0	ND	2.73E-04	ND
VOCs	1,2-Dichlorobenzene	mg/kg	8	0	ND	2.73E-04	ND
VOCs	1,2-Dichloroethane	mg/kg	8	0	ND	2.73E-04	ND
VOCs	1,2-Dichloropropane	mg/kg	8	0	ND	2.73E-04	ND
VOCs	1,3,5-Trimethylbenzene	mg/kg	8	0	ND	5.48E-04	ND
VOCs	1,3-Dichlorobenzene	mg/kg	8	0	ND	2.73E-04	ND
VOCs	1,3-Dichloropropane	mg/kg	8	0	ND	2.73E-04	ND
VOCs	1,4-Dichlorobenzene	mg/kg	8	0	ND	2.73E-04	ND
VOCs	2,2-Dichloropropane	mg/kg	8	0	ND	5.48E-04	ND
VOCs	2-Butanone	mg/kg	8	0	ND	2.73E-03	ND
VOCs	2-Chlorotoluene	mg/kg	8	0	ND	5.48E-04	ND
VOCs	2-Hexanone	mg/kg	8	0	ND	2.71E-03	ND
VOCs	4-Chlorotoluene	mg/kg	8	0	ND	5.48E-04	ND
VOCs	4-Methyl-2-pentanone	mg/kg	8	0	ND	1.36E-03	ND
VOCs	Acetone	mg/kg	8	0	ND	4.36E-03	ND
VOCs	Benzene	mg/kg	8	0	ND	2.73E-04	ND
VOCs	Bromobenzene	mg/kg	8	0	ND	5.48E-04	ND
VOCs	Bromochloromethane	mg/kg	8	0	ND	5.48E-04	ND
VOCs	Bromodichloromethane	mg/kg	8	0	ND	2.73E-04	ND
VOCs	Bromoform	mg/kg	8	0	ND	5.48E-04	ND
VOCs	Bromomethane	mg/kg	8	0	ND	5.48E-04	ND
VOCs	Carbon tetrachloride	mg/kg	8	0	ND	2.73E-04	ND
VOCs	Chlorobenzene	mg/kg	8	0	ND	2.73E-04	ND
VOCs	Chloroethane	mg/kg	8	0	ND	5.48E-04	ND
VOCs	Chloroform	mg/kg	8	0	ND	2.73E-04	ND
VOCs	Chloromethane	mg/kg	8	0	ND	5.48E-04	ND
VOCs	cis-1,2-Dichloroethene	mg/kg	8	0	ND	2.73E-04	ND
VOCs	cis-1,3-Dichloropropene	mg/kg	8	0	ND	2.73E-04	ND
VOCs	Cumene	mg/kg	8	0	ND	2.73E-04	ND
VOCs	Dibromochloromethane	mg/kg	8	0	ND	2.73E-04	ND
VOCs	Dibromomethane	mg/kg	8	0	ND	2.73E-04	ND
VOCs	Dichlorodifluoromethane	mg/kg	8	0	ND	5.48E-04	ND
VOCs	Diisopropyl ether	mg/kg	8	0	ND	5.48E-04	ND
VOCs	Ethyl benzene	mg/kg	8	0	ND	2.73E-04	ND
VOCs	Ethyl tert-butyl ether	mg/kg	8	0	ND	5.48E-04	ND
VOCs	m,p-Xylene	mg/kg	8	0	ND	5.48E-04	ND
VOCs	Methyl tert-butyl ether	mg/kg	8	0	ND	5.48E-04	ND
VOCs	Methylene Chloride	mg/kg	8	0	ND	2.73E-03	ND
VOCs	n-Butylbenzene	mg/kg	8	0	ND	5.48E-04	ND
VOCs	n-Propylbenzene	mg/kg	8	0	ND	2.73E-04	ND
VOCs	o-Xylene	mg/kg	8	0	ND	2.73E-04	ND

TABLE 2-4e: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Minimum Detection	Average (ND = 0.5DL)	Maximum Detection
VOCs	p-Cymene	mg/kg	8	0	ND	2.73E-04	ND
VOCs	sec-Butylbenzene	mg/kg	8	0	ND	5.48E-04	ND
VOCs	Styrene	mg/kg	8	0	ND	2.73E-04	ND
VOCs	t-Amyl methyl ether	mg/kg	8	0	ND	5.48E-04	ND
VOCs	tert Butyl alcohol	mg/kg	8	0	ND	5.49E-03	ND
VOCs	tert-Butylbenzene	mg/kg	8	0	ND	5.48E-04	ND
VOCs	Tetrachloroethene	mg/kg	8	0	ND	2.73E-04	ND
VOCs	Toluene	mg/kg	8	2	4.90E-04	3.52E-04	6.20E-04
VOCs	trans-1,2-Dichloroethene	mg/kg	8	0	ND	2.73E-04	ND
VOCs	trans-1,3-Dichloropropene	mg/kg	8	0	ND	2.73E-04	ND
VOCs	Trichloroethene	mg/kg	8	0	ND	2.73E-04	ND
VOCs	Trichlorofluoromethane	mg/kg	8	0	ND	5.48E-04	ND
VOCs	Vinyl chloride	mg/kg	8	0	ND	5.48E-04	ND

Notes:

# = Number
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDD = Dichlorodiphenyldichloroethylene
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of DDT and its isomers
DL = Detection limit
EFH = Extractable fuel hydrocarbons
EPN = O-Ethyl O-(4-nitrophenyl) phenylphosphonothioate
HMW = High molecular weight
LMW = Low molecular weight
mg/kg = Milligram per kilogram
ND = Nondetects
OCPs = Organochlorine pesticides
OPPs = Organophosphate pesticides
OU-1 = Operable Unit 1
PAHs = Polycyclic aromatic hydrocarbons
PCBs = Polychlorinated biphenyls
pci/g = Average picocuries per gram
RAD = Radionuclide compounds
SLERA = Screening level ecological risk assessment
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
VOCs = Volatile organic compounds

TABLE 3-1a: Screening-Level Evaluation of Chemicals: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Maximum Detection	Maximum SQL	SLERA ESV	Source	Fail Statistical Testing for Background Consistency? (a)	MAX HQ	MAX SQL HQ	Retain for Further Evalation?	Rationale for Exclusion
Chlorine Oxyanions	Chlorate	mg/kg	172	132	2.58E+03	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
Chlorine Oxyanions	Perchlorate	mg/kg	210	201	4.47E+03	Det	1.20E-01	LANL Min NOAEL TRV	NA	40,000	Det	YES	--
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	mg/kg	242	238	4.49E-02	Det	1.60E-05	R4 Birds	NA	3,000	Det	YES	--
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	mg/kg	242	238	3.14E-02	Det	3.15E-06	R4 Mammals	NA	10,000	Det	YES	--
General Chemistry	Ammonia	mg/kg	132	34	1.62E+02	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
General Chemistry	Bromide	mg/kg	141	13	4.70E+00	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
General Chemistry	Chlorite	mg/kg	7	0	--	4.00E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
General Chemistry	Cyanide (total)	mg/kg	74	0	--	5.70E-01	9.80E-02	R4 Birds	NA	ND	6	YES	--
General Chemistry	Fluoride	mg/kg	7	2	1.10E+00	Det	1.20E+02	R4 Birds	NA	0.009	Det	No	Max HQ < 1
General Chemistry	Hydroxide	mg/kg	37	0	--	1.90E+02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
General Chemistry	Nitrate	mg/kg	150	143	2.28E+03	Det	NC	--	Yes	Det, No ESV	Det, No ESV	YES	--
General Chemistry	Nitrate/Nitrite	mg/kg	45	45	2.39E+02	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
General Chemistry	Nitrite	mg/kg	142	17	7.10E+00	Det	NC	--	LDF (Yes)	Det, No ESV	Det, No ESV	YES	--
General Chemistry	ortho-Phosphate	mg/kg	47	6	9.97E+02	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
General Chemistry	Sulfate	mg/kg	142	140	1.95E+04	Det	NC	--	Yes	Det, No ESV	Det, No ESV	YES	--
Metals	Aluminum	mg/kg	164	162	1.30E+04	Det	5.00E+00	R6 Plants	No	3,000	Det	No	Consistent with BKG
Metals	Antimony	mg/kg	175	52	2.40E+00	Det	2.70E-01	Eco-SSL Mammals	Yes	9	Det	YES	--
Metals	Arsenic	mg/kg	274	272	3.92E+01	Det	1.80E+01	Eco-SSL Plants	Yes	2	Det	YES	--
Metals	Barium	mg/kg	178	176	4.40E+02	Det	3.30E+02	Eco-SSL Inverts	No	**1**	Det	No	Consistent with BKG
Metals	Beryllium	mg/kg	110	110	6.20E-01	Det	2.10E+01	Eco-SSL Mammals	No	0.03	Det	No	Consistent with BKG
Metals	Boron	mg/kg	178	171	1.51E+03	Det	2.00E+00	R4 Birds	Yes	800	Det	YES	--
Metals	Cadmium	mg/kg	178	90	8.88E+00	Det	3.60E-01	Eco-SSL Mammals	LDF (Yes)	20	Det	YES	--
Metals	Chromium (total)	mg/kg	178	176	9.82E+01	Det	2.60E+01	Eco-SSL Birds	Yes	4	Det	YES	--
Metals	Chromium VI	mg/kg	154	30	2.03E+01	Det	1.30E+02	Eco-SSL Mammals	LDF (Yes)	0.2	Det	No	Max HQ < 1
Metals	Cobalt	mg/kg	197	194	2.67E+02	Det	1.30E+01	Eco-SSL Plants	Yes	20	Det	YES	--
Metals	Copper	mg/kg	178	176	1.10E+02	Det	2.80E+01	Eco-SSL Birds	Yes	4	Det	YES	--
Metals	Iron	mg/kg	178	178	1.40E+05	Det	2.00E+02	ORNL Microbes	Yes	700	Det	YES	--
Metals	Lead	mg/kg	190	186	2.67E+02	Det	1.10E+01	Eco-SSL Birds	Yes	20	Det	YES	--
Metals	Lithium	mg/kg	7	7	2.19E+01	Det	2.00E+00	R4 Plants	No	10	Det	No	Consistent with BKG
Metals	Magnesium	mg/kg	197	196	1.89E+05	Det	NC	--	Yes	Det, No ESV	Det, No ESV	YES	--
Metals	Manganese	mg/kg	214	214	2.50E+05	Det	2.20E+02	Eco-SSL Plants	Yes	1,000	Det	YES	--
Metals	Mercury	mg/kg	179	153	1.80E+00	Det	1.30E-02	R4 Birds	Yes	100	Det	YES	--
Metals	Molybdenum	mg/kg	178	128	4.10E+01	Det	2.00E+00	R4 Plants	Yes	20	Det	YES	--
Metals	Nickel	mg/kg	178	175	9.84E+01	Det	3.80E+01	Eco-SSL Plants	No	3	Det	No	Consistent with BKG
Metals	Niobium	mg/kg	37	3	9.20E+00	Det	NC	--	LDF (No)	Det, No ESV	Det, No ESV	No	Consistent with BKG
Metals	Palladium	mg/kg	30	7	5.30E-01	Det	NC	--	LDF (No)	Det, No ESV	Det, No ESV	No	Consistent with BKG
Metals	Phosphorus (total)	mg/kg	136	134	1.60E+03	Det	NC	--	No	Det, No ESV	Det, No ESV	No	Consistent with BKG
Metals	Platinum	mg/kg	110	75	1.60E-01	Det	NC	--	LDF (No)	Det, No ESV	Det, No ESV	No	Consistent with BKG
Metals	Selenium	mg/kg	170	17	3.40E+00	Det	5.20E-01	Eco-SSL Plants	LDF (Yes)	7	Det	YES	--
Metals	Silicon	mg/kg	36	36	2.60E+02	Det	NC	--	No	Det, No ESV	Det, No ESV	No	Consistent with BKG
Metals	Silver	mg/kg	178	31	1.70E+00	Det	4.20E+00	Eco-SSL Birds	LDF (No)	0.4	Det	No	Consistent with BKG
Metals	Strontium	mg/kg	155	153	4.20E+02	Det	9.50E+01	R4 Mammals	No	4	Det	No	Consistent with BKG
Metals	Sulfur	mg/kg	32	25	1.40E+04	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
Metals	Thallium	mg/kg	178	111	8.42E+00	Det	5.00E-02	R4 Plants	LDF (No)	200	Det	No	Consistent with BKG
Metals	Tin	mg/kg	110	109	1.07E+01	Det	7.62E+00	R4 Mammals	Yes	**1**	Det	No	Max HQ = 1
Metals	Titanium	mg/kg	110	110	1.27E+03	Det	1.00E+03	ORNL Microbes	Yes	**1**	Det	No	Max HQ = 1
Metals	Tungsten	mg/kg	155	112	9.40E+00	Det	4.00E+02	ORNL Microbes	LDF (No)	0.02	Det	No	Consistent with BKG
Metals	Uranium (total)	mg/kg	141	141	2.70E+00	Det	2.50E+01	R4 Plants	No	0.1	Det	No	Consistent with BKG
Metals	Vanadium	mg/kg	124	124	6.76E+01	Det	7.80E+00	Eco-SSL Birds	Yes	9	Det	YES	--
Metals	Zinc	mg/kg	164	161	8.90E+02	Det	4.60E+01	Eco-SSL Birds	No	20	Det	No	Consistent with BKG
Metals	Zirconium	mg/kg	52	43	4.30E+01	Det	NC	--	No	Det, No ESV	Det, No ESV	No	Consistent with BKG
OCPs	2,4,5-TP	mg/kg	1	0	--	2.10E-02	5.50E-02	R4 Inverts	NA	ND	0.4	No	ND and SQLs≤ ESVs
OCPs	2,4'-DDD	mg/kg	7	0	--	9.10E-03	2.10E-02	Eco-SSL Mammals	NA	ND	0.4	No	ND and SQLs≤ ESVs

TABLE 3-1a: Screening-Level Evaluation of Chemicals: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Maximum Detection	Maximum SQL	SLERA ESV	Source	Fail Statistical Testing for Background Consistency? (a)	MAX HQ	MAX SQL HQ	Retain for Further Evalation?	Rationale for Exclusion
OCPs	2,4'-DDE	mg/kg	44	18	4.20E-02	Det	2.10E-02	Eco-SSL Mammals	NA	2	Det	YES	--
OCPs	4,4'-DDD	mg/kg	126	4	1.60E-02	Det	2.10E-02	Eco-SSL Mammals	NA	0.8	Det	No	Max HQ < 1
OCPs	4,4'-DDE	mg/kg	126	53	3.50E+00	Det	2.10E-02	Eco-SSL Mammals	NA	200	Det	YES	--
OCPs	4,4'-DDT	mg/kg	126	42	7.70E-01	Det	2.10E-02	Eco-SSL Mammals	NA	40	Det	YES	--
OCPs	Calculated DDx (ND=0.5DL)	mg/kg	126	60	4.30E+00	Det	2.10E-02	Eco-SSL Mammals	NA	200	Det	YES	--
OCPs	Aldrin	mg/kg	126	0	--	4.40E-02	3.00E-02	R4 Inverts	NA	ND	1	No	ND and SQLs≤ ESVs
OCPs	alpha-BHC	mg/kg	126	2	5.10E-03	Det	3.00E-04	R4 Inverts	NA	20	Det	YES	--
OCPs	alpha-Chlordane	mg/kg	126	0	--	4.40E-02	2.90E-03	R4 Inverts	NA	ND	20	YES	--
OCPs	beta-BHC	mg/kg	126	69	8.70E-01	Det	3.00E-04	R4 Inverts	NA	3,000	Det	YES	--
OCPs	Chlordane (total)	mg/kg	86	0	--	2.20E-01	2.90E-03	R4 alpha-chlordane used as surrogate	NA	ND	80	YES	--
OCPs	delta-BHC	mg/kg	126	0	--	4.50E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OCPs	Dieldrin	mg/kg	126	0	--	8.60E-02	4.90E-03	Eco-SSL Mammals	NA	ND	20	YES	--
OCPs	Endosulfan I	mg/kg	126	0	--	4.40E-02	9.00E-04	R4 Inverts	NA	ND	50	YES	--
OCPs	Endosulfan II	mg/kg	126	0	--	8.60E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OCPs	Endosulfan sulfate	mg/kg	126	0	--	8.60E-02	7.00E-04	R4 Inverts	NA	ND	100	YES	--
OCPs	Endrin	mg/kg	126	2	5.40E-03	Det	1.40E-03	R4 Birds	NA	4	Det	YES	--
OCPs	Endrin aldehyde	mg/kg	126	0	--	8.60E-02	1.40E-03	R4 endrin used as surrogate	NA	ND	60	YES	--
OCPs	Endrin ketone	mg/kg	126	0	--	8.60E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OCPs	gamma-BHC	mg/kg	126	0	--	5.20E-02	3.10E-03	R4 Inverts	NA	ND	20	YES	--
OCPs	gamma-Chlordane	mg/kg	126	1	1.40E-03	Det	2.00E-02	R4 Inverts	NA	0.07	Det	No	Max HQ < 1
OCPs	Heptachlor	mg/kg	126	0	--	4.80E-02	1.60E-03	R4 Inverts	NA	ND	30	YES	--
OCPs	Heptachlor epoxide	mg/kg	126	0	--	4.80E-02	1.50E-04	R4 Inverts	NA	ND	300	YES	--
OCPs	Hexachlorobenzene	mg/kg	259	141	4.60E+00	Det	7.90E-02	R4 Birds	NA	60	Det	YES	--
OCPs	Methoxychlor	mg/kg	126	2	3.10E-01	Det	2.10E-03	R4 Inverts	NA	100	Det	YES	--
OCPs	Toxaphene	mg/kg	126	0	--	1.80E+00	1.50E-04	R4 Inverts	NA	ND	10,000	YES	--
OPPs	Atrazine	mg/kg	25	0	--	1.30E-02	5.00E-05	R4 Inverts	NA	ND	300	YES	--
OPPs	Chlorpyrifos	mg/kg	50	0	--	2.50E-02	3.00E-03	R4 Inverts	NA	ND	8	YES	--
OPPs	Coumaphos	mg/kg	50	0	--	1.60E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Dasanit	mg/kg	50	0	--	1.60E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Demeton (O + S)	mg/kg	25	0	--	8.10E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Demeton-O	mg/kg	50	0	--	4.80E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Demeton-S	mg/kg	50	0	--	1.90E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Diazinon	mg/kg	50	0	--	2.70E-02	3.70E-03	R4 Inverts	NA	ND	7	YES	--
OPPs	Dichlorovos	mg/kg	50	0	--	2.90E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Dimethoate	mg/kg	50	1	9.10E-03	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
OPPs	Disulfoton	mg/kg	50	0	--	6.00E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	EPN	mg/kg	50	0	--	1.60E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Ethoprop	mg/kg	50	0	--	1.90E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Famphur	mg/kg	50	0	--	1.60E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Fenthion	mg/kg	50	0	--	4.10E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Guthion	mg/kg	50	0	--	1.60E-02	6.00E-05	R4 Inverts	NA	ND	300	YES	--
OPPs	Malathion	mg/kg	50	0	--	1.90E-02	4.00E-05	R4 Inverts	NA	ND	500	YES	--
OPPs	Merphos	mg/kg	50	0	--	3.70E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Methyl parathion	mg/kg	50	0	--	2.50E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Mevinphos	mg/kg	50	0	--	1.90E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Naled	mg/kg	50	0	--	2.40E-01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Parathion	mg/kg	50	0	--	2.20E-02	1.90E-04	R4 Inverts	NA	ND	100	YES	--
OPPs	Phorate	mg/kg	50	0	--	2.50E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Prothiophos	mg/kg	50	0	--	2.50E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Ronnel	mg/kg	50	0	--	2.20E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Simazine	mg/kg	25	0	--	2.40E-02	8.30E-03	R4 Inverts	NA	ND	3	YES	--
OPPs	Stirophos	mg/kg	50	1	4.10E-02	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--

TABLE 3-1a: Screening-Level Evaluation of Chemicals: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Maximum Detection	Maximum SQL	SLERA ESV	Source	Fail Statistical Testing for Background Consistency? (a)	MAX HQ	MAX SQL HQ	Retain for Further Evalation?	Rationale for Exclusion
OPPs	Sulfotepp	mg/kg	50	0	--	2.50E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Sulprofos	mg/kg	50	0	--	1.60E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Thionazin	mg/kg	50	0	--	2.20E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Trichloronate	mg/kg	50	0	--	2.50E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
Organics	4-Chlorobenzenesulfonic acid	mg/kg	13	0	--	2.50E-01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
Organics	Benzenesulfonic acid	mg/kg	13	0	--	2.50E-01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
Organics	Diethylphosphorodithioate	mg/kg	13	0	--	2.50E-01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
Organics	o,o-Dimethyl Phosphorodithioate	mg/kg	13	0	--	1.30E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
Organics	Phthalic acid	mg/kg	34	0	--	1.30E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
PAHs	Calculated HMW PAHs (ND=0.5DL)	mg/kg	227	63	1.47E+00	Det	1.10E+00	Eco-SSL Mammals	NA	**1**	Det	No	Max HQ = 1
PAHs	Calculated LMW PAHs (ND=0.5DL)	mg/kg	228	50	4.54E-01	Det	2.90E+01	Eco-SSL Inverts	NA	0.02	Det	No	Max HQ < 1
PAHs	Calculated Total PAHs (ND=0.5DL)	mg/kg	227	73	1.68E+00	Det	1.10E+00	Eco-SSL HMW PAHs as surrogate	NA	2	Det	YES	--
PCBs	Aroclor-1016	mg/kg	25	0	--	4.10E-02	4.10E-02	R4 Birds	NA	ND	**1**	No	ND and SQLs≤ ESVs
PCBs	Aroclor-1221	mg/kg	25	0	--	4.20E-02	4.10E-02	R4 Birds	NA	ND	**1**	No	ND and SQLs≤ ESVs
PCBs	Aroclor-1232	mg/kg	25	0	--	4.10E-02	4.10E-02	R4 Birds	NA	ND	**1**	No	ND and SQLs≤ ESVs
PCBs	Aroclor-1242	mg/kg	25	0	--	4.10E-02	4.10E-02	R4 Birds	NA	ND	**1**	No	ND and SQLs≤ ESVs
PCBs	Aroclor-1248	mg/kg	25	0	--	4.10E-02	4.10E-02	R4 Birds	NA	ND	**1**	No	ND and SQLs≤ ESVs
PCBs	Aroclor-1254	mg/kg	25	0	--	4.10E-02	4.10E-02	R4 Birds	NA	ND	**1**	No	ND and SQLs≤ ESVs
PCBs	Aroclor-1260	mg/kg	64	3	2.70E-01	Det	4.10E-02	R4 Birds	NA	7	Det	YES	--
PCBs	Calculated Aroclor-1242 (ND=0.5DL)	mg/kg	37	37	1.08E-02	Det	4.10E-02	R4 Birds	NA	0.3	Det	No	Max HQ < 1
PCBs	Calculated Aroclor-1248 (ND=0.5DL)	mg/kg	37	37	2.90E-02	Det	4.10E-02	R4 Birds	NA	0.7	Det	No	Max HQ < 1
PCBs	Calculated Aroclor-1254 (ND=0.5DL)	mg/kg	37	37	1.34E-01	Det	4.10E-02	R4 Birds	NA	3	Det	YES	--
PCBs	Calculated Aroclor-1260 (ND=0.5DL)	mg/kg	37	37	2.74E-01	Det	4.10E-02	R4 Birds	NA	7	Det	YES	--
PCBs	Calculated Total PCBs (ND=0.5DL)	mg/kg	37	37	8.59E-01	Det	4.10E-02	R4 Birds	NA	20	Det	YES	--
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	mg/kg	37	37	1.07E-04	Det	1.60E-05	R4 Birds as surrogate	NA	7	Det	YES	--
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	mg/kg	37	37	5.98E-05	Det	3.15E-06	R4 Mammals as surrogate	NA	20	Det	YES	--
RAD	Lead-210	pCi/g	1	1	6.87E-01	Det	1.20E+03	LANL Min NOAEL TRV	NA	0.0006	Det	No	Max HQ < 1
RAD	Lead-212	pCi/g	1	1	1.78E+00	Det	1.20E+03	LANL Min TRV for Pb-210 as surrogate	NA	0.001	Det	No	Max HQ < 1
RAD	Radium-226	pCi/g	144	144	2.53E+00	Det	1.50E+00	LANL Min NOAEL TRV	No	2	Det	No	Consistent with BKG
RAD	Radium-228	pCi/g	144	144	2.42E+00	Det	1.20E+00	LANL Min NOAEL TRV	No	2	Det	No	Consistent with BKG
RAD	Thorium-228	pCi/g	136	136	2.66E+00	Det	4.30E+01	LANL Min NOAEL TRV	Yes	0.06	Det	No	Max HQ < 1
RAD	Thorium-230	pCi/g	136	136	3.30E+00	Det	5.20E+01	LANL Min NOAEL TRV	No	0.06	Det	No	Consistent with BKG
RAD	Thorium-232	pCi/g	136	136	2.52E+00	Det	6.20E+00	LANL Min NOAEL TRV	No	0.4	Det	No	Consistent with BKG
RAD	Uranium-234	pCi/g	128	128	3.43E+00	Det	4.40E+02	LANL Min NOAEL TRV	No	0.008	Det	No	Consistent with BKG
RAD	Uranium-235	pCi/g	128	128	2.29E-01	Det	4.40E+02	LANL Min NOAEL TRV	No	0.0005	Det	No	Consistent with BKG
RAD	Uranium-238	pCi/g	128	128	3.33E+00	Det	4.00E+02	LANL Min NOAEL TRV	No	0.008	Det	No	Consistent with BKG
SVOCs	1,2,4,5-Tetrachlorobenzene	mg/kg	7	0	--	3.60E-02	1.80E-01	R4 Inverts	NA	ND	0.2	No	ND and SQLs≤ ESVs
SVOCs	1,2-Diphenylhydrazine	mg/kg	7	0	--	3.60E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	1,4-Dioxane	mg/kg	184	0	--	7.00E-01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	2,2'-/4,4'-Dichlorobenzil	mg/kg	7	0	--	7.00E-01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	2,4,5-Trichlorophenol	mg/kg	45	0	--	4.00E+00	4.00E+00	R4 Plants	NA	ND	**1**	No	ND and SQLs≤ ESVs
SVOCs	2,4,6-Trichlorophenol	mg/kg	45	1	2.10E-01	Det	9.94E+00	R4 Mammals	NA	0.02	Det	No	Max HQ < 1
SVOCs	2,4-Dichlorophenol	mg/kg	45	0	--	2.10E+00	5.00E-02	R4 Inverts	NA	ND	40	YES	--
SVOCs	2,4-Dimethylphenol	mg/kg	45	0	--	4.00E+00	4.00E-02	R4 Inverts	NA	ND	100	YES	--
SVOCs	2,4-Dinitrophenol	mg/kg	45	0	--	1.00E+01	6.10E-02	R4 Mammals	NA	ND	200	YES	--
SVOCs	2,4-Dinitrotoluene	mg/kg	46	0	--	2.50E+00	6.00E+00	R4 Plants	NA	ND	0.4	No	ND and SQLs≤ ESVs

TABLE 3-1a: Screening-Level Evaluation of Chemicals: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Maximum Detection	Maximum SQL	SLERA ESV	Source	Fail Statistical Testing for Background Consistency? (a)	MAX HQ	MAX SQL HQ	Retain for Further Evalation?	Rationale for Exclusion
SVOCs	2,6-Dinitrotoluene	mg/kg	46	0	--	2.90E+00	4.00E+00	R4 Mammals	NA	ND	0.7	No	ND and SQLs≤ ESVs
SVOCs	2-Chloronaphthalene	mg/kg	46	1	4.20E-01	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
SVOCs	2-Chlorophenol	mg/kg	45	1	1.70E-01	Det	6.00E-02	R4 Inverts	NA	3	Det	YES	--
SVOCs	2-Methylphenol	mg/kg	45	0	--	2.50E+00	1.00E-01	R4 Inverts	NA	ND	30	YES	--
SVOCs	2-Nitroaniline	mg/kg	46	0	--	2.10E+00	2.00E-02	R4 Inverts	NA	ND	100	YES	--
SVOCs	2-Nitrophenol	mg/kg	45	0	--	4.10E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	3&4-Methylphenol	mg/kg	45	1	1.10E+00	Det	6.90E-01	LANL Min NOAEL TRV for 3-methylphenol was used as a surrogate.	NA	2	Det	YES	--
SVOCs	3,3'-Dichlorobenzidine	mg/kg	46	0	--	4.60E+00	3.00E-02	R4 Inverts	NA	ND	200	YES	--
SVOCs	3-Nitroaniline	mg/kg	46	0	--	4.10E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	4-Bromophenyl-phenyl ether	mg/kg	46	0	--	2.30E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	4-Chloro-3-methylphenol	mg/kg	45	1	3.20E-01	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
SVOCs	4-Chloroaniline	mg/kg	46	0	--	4.10E+00	1.00E+00	R4 Plants	NA	ND	4	YES	--
SVOCs	4-Chlorophenyl-phenyl ether	mg/kg	46	0	--	2.60E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	4-Chlorothioanisole	mg/kg	7	0	--	8.30E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	4-Chlorothiophenol	mg/kg	7	0	--	2.00E-01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	4-Nitroaniline	mg/kg	46	0	--	4.10E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	4-Nitrophenol	mg/kg	45	0	--	4.30E+00	5.12E+00	R4 Mammals	NA	ND	0.8	No	ND and SQLs≤ ESVs
SVOCs	Acetophenone	mg/kg	7	0	--	3.60E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	Aniline	mg/kg	46	0	--	2.60E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	Azobenzene	mg/kg	7	0	--	3.60E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	Benzenethiol	mg/kg	7	0	--	1.30E-01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	Benzidine	mg/kg	33	0	--	2.00E+01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	Benzoic acid	mg/kg	45	0	--	1.00E+01	1.00E-02	R4 Inverts	NA	ND	1,000	YES	--
SVOCs	Benzyl alcohol	mg/kg	46	0	--	4.60E+00	2.00E-03	R4 Inverts	NA	ND	2,000	YES	--
SVOCs	bis(2-Chloro-1-methylethyl) ether	mg/kg	7	0	--	3.60E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	bis(2-Chloroethoxy)methane	mg/kg	46	0	--	4.10E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	bis(2-Chloroethyl) ether	mg/kg	46	0	--	2.20E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	bis(2-Ethylhexyl)phthalate	mg/kg	224	23	8.20E-01	Det	2.00E-02	R4 Birds	NA	40	Det	YES	--
SVOCs	bis(4-Chlorophenyl) disulfide	mg/kg	7	0	--	2.20E-01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	bis(4-Chlorophenyl) sulfone	mg/kg	7	0	--	3.30E-01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	Butylbenzylphthalate	mg/kg	224	4	4.30E-03	Det	5.90E-01	R4 Inverts	NA	0.007	Det	No	Max HQ < 1
SVOCs	Carbazole	mg/kg	7	0	--	3.60E-02	7.00E-02	R4 Inverts	NA	ND	0.5	No	ND and SQLs≤ ESVs
SVOCs	Dibenzofuran	mg/kg	46	1	2.00E-01	Det	1.50E-01	R4 Inverts	NA	**1**	Det	No	Max HQ = 1
SVOCs	Diethylphthalate	mg/kg	224	1	3.50E-01	Det	2.50E-01	R4 Inverts	NA	**1**	Det	No	Max HQ = 1
SVOCs	Dimethylphthalate	mg/kg	224	18	1.90E-01	Det	1.00E+01	R4 Inverts	NA	0.02	Det	No	Max HQ < 1
SVOCs	Di-n-butylphthalate	mg/kg	224	48	1.70E+00	Det	1.10E-02	R4 Birds	NA	200	Det	YES	--
SVOCs	Di-n-octylphthalate	mg/kg	224	1	8.80E-02	Det	9.10E-01	R4 Mammals	NA	0.1	Det	No	Max HQ < 1
SVOCs	Diphenyl disulfide	mg/kg	7	0	--	3.10E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	Diphenyl sulfide	mg/kg	7	0	--	3.80E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	Diphenyl sulfone	mg/kg	7	0	--	7.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	Hexachlorobutadiene	mg/kg	171	5	4.50E-03	Det	9.00E-03	R4 Inverts	NA	0.5	Det	No	Max HQ < 1
SVOCs	Hexachlorocyclopentadiene	mg/kg	46	0	--	4.10E+00	1.00E-03	R4 Inverts	NA	ND	4,000	YES	--
SVOCs	Hexachloroethane	mg/kg	46	0	--	4.10E+00	2.40E-02	R4 Inverts	NA	ND	200	YES	--
SVOCs	Hydroxymethyl phthalimide	mg/kg	7	0	--	4.70E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	Isophorone	mg/kg	46	1	2.70E-01	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
SVOCs	Nitrobenzene	mg/kg	224	0	--	2.20E+00	2.20E+00	R4 Inverts	NA	ND	**1**	No	ND and SQLs≤ ESVs
SVOCs	n-Nitroso-di-n-propylamine	mg/kg	46	0	--	2.20E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	n-Nitrosodiphenylamine	mg/kg	46	0	--	2.50E+00	5.45E-01	R4 Mammals	NA	ND	5	YES	--
SVOCs	Octachlorostyrene	mg/kg	223	36	1.30E+00	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
SVOCs	Pentachlorobenzene	mg/kg	7	0	--	3.60E-02	5.00E-01	R4 Mammals	NA	ND	0.07	No	ND and SQLs≤ ESVs
SVOCs	Pentachlorophenol	mg/kg	45	0	--	1.00E+01	2.10E+00	Eco-SSL Birds	NA	ND	5	YES	--
SVOCs	Phenol	mg/kg	45	1	9.40E-01	Det	7.90E-01	R4 Plants	NA	**1**	Det	No	Max HQ = 1
SVOCs	Pyridine	mg/kg	224	0	--	4.60E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J

TABLE 3-1a: Screening-Level Evaluation of Chemicals: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Maximum Detection	Maximum SQL	SLERA ESV	Source	Fail Statistical Testing for Background Consistency? (a)	MAX HQ	MAX SQL HQ	Retain for Further Evalation?	Rationale for Exclusion
TPH	EFH (C10-C40)	mg/kg	31	30	9.50E+02	Det	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	NA	10	Det	YES	--
TPH	Oil Range Organics	mg/kg	86	2	1.30E+02	Det	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	NA	2	Det	YES	--
TPH	Petroleum Hydrocarbons (C29-C40)	mg/kg	31	17	6.20E+02	Det	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	NA	8	Det	YES	--
TPH	Total petroleum hydrocarbon-diesel	mg/kg	117	22	3.20E+02	Det	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	NA	4	Det	YES	--
TPH	Total petroleum hydrocarbon-gasoline	mg/kg	50	0	--	2.70E+01	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	NA	ND	0.3	No	ND and SQLs≤ ESVs
VOCs	1,1,1,2-Tetrachloroethane	mg/kg	171	0	--	6.20E-03	7.00E-02	R4 Inverts	NA	ND	0.09	No	ND and SQLs≤ ESVs
VOCs	1,1,1-Trichloroethane	mg/kg	171	0	--	6.20E-03	4.00E-02	R4 Inverts	NA	ND	0.2	No	ND and SQLs≤ ESVs
VOCs	1,1,2,2-Tetrachloroethane	mg/kg	171	0	--	6.20E-03	1.27E-01	R4 Mammals	NA	ND	0.05	No	ND and SQLs≤ ESVs
VOCs	1,1,2-Trichloroethane	mg/kg	171	0	--	6.20E-03	3.20E-01	R4 Inverts	NA	ND	0.02	No	ND and SQLs≤ ESVs
VOCs	1,1-Dichloroethane	mg/kg	171	0	--	6.20E-03	1.40E-01	R4 Inverts	NA	ND	0.04	No	ND and SQLs≤ ESVs
VOCs	1,1-Dichloroethene	mg/kg	171	2	8.30E-04	Det	4.00E-02	R4 Inverts	NA	0.02	Det	No	Max HQ < 1
VOCs	1,1-Dichloropropene	mg/kg	171	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	1,2,3-Trichlorobenzene	mg/kg	171	1	1.30E-03	Det	2.00E+01	R4 Inverts	NA	0.00007	Det	No	Max HQ < 1
VOCs	1,2,3-Trichloropropane	mg/kg	171	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	1,2,4-Trichlorobenzene	mg/kg	171	2	3.70E-03	Det	2.70E-01	R4 Mammals	NA	0.01	Det	No	Max HQ < 1
VOCs	1,2,4-Trimethylbenzene	mg/kg	171	6	9.50E-04	Det	9.00E-02	R4 Inverts	NA	0.01	Det	No	Max HQ < 1
VOCs	1,2-Dibromo-3-chloropropane	mg/kg	171	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	1,2-Dibromoethane	mg/kg	164	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	1,2-Dichlorobenzene	mg/kg	171	3	3.90E-04	Det	9.00E-02	R4 Inverts	NA	0.004	Det	No	Max HQ < 1
VOCs	1,2-Dichloroethane	mg/kg	171	0	--	6.20E-03	4.00E-01	R4 Inverts	NA	ND	0.02	No	ND and SQLs≤ ESVs
VOCs	1,2-Dichloroethene	mg/kg	7	0	--	5.90E-04	4.00E-02	R4 Inverts	NA	ND	0.01	No	ND and SQLs≤ ESVs
VOCs	1,2-Dichloropropane	mg/kg	171	0	--	6.20E-03	2.80E-01	R4 Inverts	NA	ND	0.02	No	ND and SQLs≤ ESVs
VOCs	1,3,5-Trichlorobenzene	mg/kg	7	0	--	7.30E-04	7.00E-02	R4 Inverts	NA	ND	0.01	No	ND and SQLs≤ ESVs
VOCs	1,3,5-Trimethylbenzene	mg/kg	171	0	--	6.20E-03	1.60E-01	R4 Inverts	NA	ND	0.04	No	ND and SQLs≤ ESVs
VOCs	1,3-Dichlorobenzene	mg/kg	171	0	--	6.20E-03	8.00E-02	R4 Inverts	NA	ND	0.08	No	ND and SQLs≤ ESVs
VOCs	1,3-Dichloropropane	mg/kg	171	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	1,4-Dichlorobenzene	mg/kg	171	5	1.70E-02	Det	8.90E-01	R4 Mammals	NA	0.02	Det	No	Max HQ < 1
VOCs	1-Chlorohexane	mg/kg	1	0	--	4.90E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	2,2,3-Trimethylbutane	mg/kg	7	0	--	2.30E-04	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	2,2-Dichloropropane	mg/kg	171	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	2,2-Dimethylpentane	mg/kg	7	0	--	3.00E-04	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	2,3-Dimethylpentane	mg/kg	7	0	--	2.40E-04	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	2,4-Dimethylpentane	mg/kg	7	0	--	2.10E-04	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	2-Butanone	mg/kg	171	36	2.70E-02	Det	1.00E+00	R4 Inverts	NA	0.03	Det	No	Max HQ < 1
VOCs	2-Chlorotoluene	mg/kg	171	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	2-Hexanone	mg/kg	171	2	3.90E-02	Det	3.60E-01	R4 Birds	NA	0.1	Det	No	Max HQ < 1
VOCs	2-Methylhexane	mg/kg	7	0	--	2.20E-04	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	2-Nitropropane	mg/kg	7	0	--	1.90E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	3,3-Dimethylpentane	mg/kg	7	0	--	2.20E-04	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	3-Ethylpentane	mg/kg	7	0	--	2.30E-04	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	3-Methylhexane	mg/kg	7	0	--	1.50E-04	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	4-Chlorotoluene	mg/kg	171	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	4-Methyl-2-pentanone	mg/kg	171	1	2.90E-03	Det	9.70E+00	LANL Min NOAEL TRV	NA	0.0003	Det	No	Max HQ < 1
VOCs	Acetone	mg/kg	171	100	1.30E-01	Det	4.00E-02	R4 Inverts	NA	3	Det	YES	--
VOCs	Acetonitrile	mg/kg	7	0	--	2.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Benzene	mg/kg	171	0	--	6.20E-03	1.20E-01	R4 Inverts	NA	ND	0.05	No	ND and SQLs≤ ESVs
VOCs	Bromobenzene	mg/kg	171	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Bromochloromethane	mg/kg	171	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Bromodichloromethane	mg/kg	171	1	4.00E-04	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--

TABLE 3-1a: Screening-Level Evaluation of Chemicals: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Maximum Detection	Maximum SQL	SLERA ESV	Source	Fail Statistical Testing for Background Consistency? (a)	MAX HQ	MAX SQL HQ	Retain for Further Evalation?	Rationale for Exclusion
VOCs	Bromoform	mg/kg	171	0	--	6.20E-03	7.00E-02	R4 Inverts	NA	ND	0.09	No	ND and SQLs≤ ESVs
VOCs	Bromomethane	mg/kg	171	0	--	1.20E-02	2.00E-03	R4 Inverts	NA	ND	6	YES	--
VOCs	Carbon disulfide	mg/kg	7	0	--	6.00E-04	5.00E-03	R4 Inverts	NA	ND	0.1	No	ND and SQLs≤ ESVs
VOCs	Carbon tetrachloride	mg/kg	171	0	--	6.20E-03	5.00E-02	R4 Inverts	NA	ND	0.1	No	ND and SQLs≤ ESVs
VOCs	Chlorobenzene	mg/kg	171	5	1.90E-03	Det	2.40E+00	R4 Inverts	NA	0.0008	Det	No	Max HQ < 1
VOCs	Chloroethane	mg/kg	171	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Chloroform	mg/kg	171	28	1.50E-01	Det	5.00E-02	R4 Inverts	NA	3	Det	YES	--
VOCs	Chloromethane	mg/kg	171	1	6.20E-04	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
VOCs	cis-1,2-Dichloroethene	mg/kg	171	1	4.10E-03	Det	4.00E-02	R4 Inverts	NA	0.1	Det	No	Max HQ < 1
VOCs	cis-1,3-Dichloropropene	mg/kg	171	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Cumene	mg/kg	171	0	--	6.20E-03	4.00E-02	R4 Inverts	NA	ND	0.2	No	ND and SQLs≤ ESVs
VOCs	Dibromochloromethane	mg/kg	171	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Dibromomethane	mg/kg	171	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Dichlorodifluoromethane	mg/kg	171	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Diisopropyl ether	mg/kg	164	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Dimethyl disulfide	mg/kg	7	0	--	2.30E-04	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Ethanol	mg/kg	9	0	--	1.10E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Ethyl benzene	mg/kg	157	1	5.30E-04	Det	2.70E-01	R4 Inverts	NA	0.002	Det	No	Max HQ < 1
VOCs	Ethyl tert-butyl ether	mg/kg	164	1	3.80E-04	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
VOCs	Ethylene glycol	mg/kg	1	0	--	4.20E+01	3.10E-01	R4 Inverts	NA	ND	100	YES	--
VOCs	Formaldehyde	mg/kg	2	2	8.90E-02	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
VOCs	Freon 113	mg/kg	9	0	--	4.90E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Iodomethane	mg/kg	7	0	--	2.80E-04	3.80E-02	LANL Min NOAEL TRV	NA	ND	0.007	No	ND and SQLs≤ ESVs
VOCs	m,p-Xylene	mg/kg	156	5	2.30E-03	Det	1.00E-01	R4 Xylenes (total) as surrogate	NA	0.02	Det	No	Max HQ < 1
VOCs	Methanol	mg/kg	1	0	--	1.10E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Methyl tert-butyl ether	mg/kg	171	1	1.40E-03	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
VOCs	Methylene Chloride	mg/kg	171	61	8.20E-03	Det	2.10E-01	R4 Inverts	NA	0.04	Det	No	Max HQ < 1
VOCs	n-Butylbenzene	mg/kg	171	0	--	6.20E-03	1.00E+01	R4 Dimethylphthalate as surrogate	NA	ND	0.0006	No	ND and SQLs≤ ESVs
VOCs	n-Heptane	mg/kg	7	0	--	1.80E-04	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	n-Nonyl aldehyde	mg/kg	7	0	--	9.60E-04	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	n-Propylbenzene	mg/kg	171	0	--	6.20E-03	1.00E+01	R4 Dimethylphthalate as surrogate	NA	ND	0.0006	No	ND and SQLs≤ ESVs
VOCs	o-Xylene	mg/kg	156	3	7.50E-04	Det	1.00E-01	R4 Xylenes (total) as surrogate	NA	0.008	Det	No	Max HQ < 1
VOCs	p-Cymene	mg/kg	171	0	--	6.20E-03	1.80E-01	R4 Inverts	NA	ND	0.03	No	ND and SQLs≤ ESVs
VOCs	sec-Butylbenzene	mg/kg	171	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Styrene	mg/kg	171	1	2.80E-04	Det	1.20E+00	R4 Inverts	NA	0.0002	Det	No	Max HQ < 1
VOCs	t-Amyl methyl ether	mg/kg	164	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	tert Butyl alcohol	mg/kg	163	1	7.60E-03	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
VOCs	tert-Butylbenzene	mg/kg	171	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Tetrachloroethene	mg/kg	171	1	6.80E-04	Det	6.00E-02	R4 Inverts	NA	0.01	Det	No	Max HQ < 1
VOCs	Toluene	mg/kg	171	53	1.40E-03	Det	1.50E-01	R4 Inverts	NA	0.009	Det	No	Max HQ < 1
VOCs	trans-1,2-Dichloroethene	mg/kg	171	0	--	6.20E-03	4.00E-02	R4 Inverts	NA	ND	0.2	No	ND and SQLs≤ ESVs
VOCs	trans-1,3-Dichloropropene	mg/kg	171	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Trichloroethene	mg/kg	171	2	2.10E-03	Det	6.00E-02	R4 Inverts	NA	0.04	Det	No	Max HQ < 1
VOCs	Trichlorofluoromethane	mg/kg	171	0	--	6.20E-03	1.64E+01	R4 Mammals	NA	ND	0.0004	No	ND and SQLs≤ ESVs
VOCs	Vinyl acetate	mg/kg	7	0	--	1.90E-04	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Vinyl chloride	mg/kg	171	0	--	6.20E-03	3.00E-02	R4 Inverts	NA	ND	0.2	No	ND and SQLs≤ ESVs
VOCs	Xylenes (total)	mg/kg	22	0	--	1.20E-02	1.00E-01	R4 Inverts	NA	ND	0.1	No	ND and SQLs≤ ESVs

TABLE 3-1a: Screening-Level Evaluation of Chemicals: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

(a) Background screening only applicable to metals and radionuclides (NDEP 2009c). Constituents marked as having a low detect frequency (LDF) in either the site or background datasets were visually evaluted using Quantile-Quantile (Q-Q) plots and boxplots. See Appendix E for details of background screening.

= Number
% = Percent
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDD = Dichlorodiphenyldichloroethylene
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of DDT and its isomers
Det = Detected
DL = Detection limit
Eco-SSL = Ecological soil screening level
EFH = Extractable fuel hydrocarbons
EPN = O-Ethyl O-(4-nitrophenyl) phenylphosphonothioate
ESV = Ecological screening value
FOD = Frequency of detection
HMW = High molecular weight
HQ = Hazard quotient
Inverts = Invertebrates
LANL = Los Alamos National Laboratory
LDF = Low detection frequency
LMW = Low molecular weight
MAX = Maximum
mg/kg = Milligram per kilogram
Min = Minimum
NA = Not applicable
NC = No criteria
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
OPPs = Organophosphate pesticides
ORNL = Oak Ridge National Laboratory (ORNL 1997)
OU-1 = Operable Unit 1
PAHs = Polycyclic aromatic hydrocarbons
PCBs = Polychlorinated biphenyls
pci/g = Average picocuries per gram
R4 = Region 4 (USEPA 2018)
R6 = Region 6 (USEPA 1999)
RAD = Radionuclide compounds
SLERA = Screening level ecological risk assessment
SQL = Sample quantitation limit
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
TRV = Toxicity reference value
USEPA = United States Environmental Protection Agency
VOCs = Volatile organic compounds

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1,000	100 < HQ

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TABLE 3-1b: Screening-Level Evaluation of Chemicals: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	% Detects	Maximum Detection	Maximum SQL	SLERA ESV	Source	Fail Statistical Testing for Background Consistency? (a)	MAX HQ	MAX SQL HQ	Retain for Further Evalation?	Rationale for Exclusion
Chlorine Oxyanions	Chlorate	mg/kg	8	8	100	4.20E+00	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
Chlorine Oxyanions	Perchlorate	mg/kg	8	8	100	6.10E+00	Det	1.20E-01	LANL Min NOAEL TRV	NA	50	Det	YES	--
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	mg/kg	8	8	100	2.65E-04	Det	1.60E-05	R4 Birds	NA	20	Det	YES	--
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	mg/kg	8	8	100	1.39E-04	Det	3.15E-06	R4 Mammals	NA	40	Det	YES	--
General Chemistry	Ammonia	mg/kg	8	8	100	4.90E+00	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
General Chemistry	Bromide	mg/kg	8	3	38	1.50E+01	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
General Chemistry	Chlorite	mg/kg	8	0	0	--	4.20E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
General Chemistry	Fluoride	mg/kg	8	0	0	--	3.70E+00	1.20E+02	R4 Birds	NA	ND	0.03	No	ND and SQLs≤ ESVs
General Chemistry	Nitrate	mg/kg	8	8	100	2.26E+02	Det	NC	--	Yes	Det, No ESV	Det, No ESV	YES	--
General Chemistry	Nitrite	mg/kg	8	0	0	--	3.94E+00	NC	--	LDF (Yes)	ND	ND, No ESV	No	ND, No ESV, See Appendix J
General Chemistry	ortho-Phosphate	mg/kg	3	0	0	--	3.99E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
General Chemistry	Sulfate	mg/kg	8	8	100	6.90E+03	Det	NC	--	Yes	Det, No ESV	Det, No ESV	YES	--
Metals	Antimony	mg/kg	8	1	13	3.10E-01	Det	2.70E-01	Eco-SSL Mammals	LDF (No)	**1**	Det	No	Consistent with BKG
Metals	Arsenic	mg/kg	8	8	100	4.50E+00	Det	1.80E+01	Eco-SSL Plants	No	0.3	Det	No	Consistent with BKG
Metals	Barium	mg/kg	8	8	100	2.00E+02	Det	3.30E+02	Eco-SSL Inverts	No	0.6	Det	No	Consistent with BKG
Metals	Boron	mg/kg	8	8	100	3.20E+01	Det	2.00E+00	R4 Birds	Yes	20	Det	YES	--
Metals	Cadmium	mg/kg	8	0	0	--	2.60E-01	3.60E-01	Eco-SSL Mammals	LDF (No)	ND	0.7	No	Consistent with BKG
Metals	Chromium VI	mg/kg	8	1	13	2.60E-01	Det	1.30E+02	Eco-SSL Mammals	LDF (No)	0.002	Det	No	Consistent with BKG
Metals	Cobalt	mg/kg	8	8	100	6.20E+00	Det	1.30E+01	Eco-SSL Plants	No	0.5	Det	No	Consistent with BKG
Metals	Copper	mg/kg	8	8	100	1.70E+01	Det	2.80E+01	Eco-SSL Birds	No	0.6	Det	No	Consistent with BKG
Metals	Iron	mg/kg	8	8	100	1.60E+04	Det	2.00E+02	ORNL Microbes	No	80	Det	No	Consistent with BKG
Metals	Lead	mg/kg	8	8	100	1.00E+01	Det	1.10E+01	Eco-SSL Birds	No	0.9	Det	No	Consistent with BKG
Metals	Magnesium	mg/kg	8	8	100	1.00E+04	Det	NC	--	No	Det, No ESV	Det, No ESV	No	Consistent with BKG
Metals	Manganese	mg/kg	8	8	100	4.50E+02	Det	2.20E+02	Eco-SSL Plants	No	2	Det	No	Consistent with BKG
Metals	Mercury	mg/kg	8	6	75	4.00E-01	Det	1.30E-02	R4 Birds	No	30	Det	No	Consistent with BKG
Metals	Molybdenum	mg/kg	8	0	0	--	1.00E+00	2.00E+00	R4 Plants	LDF (No)	ND	0.5	No	Consistent with BKG
Metals	Nickel	mg/kg	8	8	100	2.10E+01	Det	3.80E+01	Eco-SSL Plants	No	0.6	Det	No	Consistent with BKG
Metals	Phosphorus (total)	mg/kg	8	8	100	1.30E+03	Det	NC	--	No	Det, No ESV	Det, No ESV	No	Consistent with BKG
Metals	Silver	mg/kg	8	0	0	--	9.30E-01	4.20E+00	Eco-SSL Birds	LDF (No)	ND	0.2	No	Consistent with BKG
Metals	Strontium	mg/kg	8	8	100	2.90E+02	Det	9.50E+01	R4 Mammals	No	3	Det	No	Consistent with BKG
Metals	Thallium	mg/kg	8	0	0	--	2.60E-01	5.00E-02	R4 Plants	LDF (No)	ND	5	No	Consistent with BKG
Metals	Tungsten	mg/kg	8	0	0	--	2.60E+00	4.00E+02	ORNL Microbes	LDF (No)	ND	0.007	No	Consistent with BKG
Metals	Vanadium	mg/kg	8	8	100	5.30E+01	Det	7.80E+00	Eco-SSL Birds	No	7	Det	No	Consistent with BKG
Metals	Zirconium	mg/kg	8	8	100	2.00E+01	Det	NC	--	No	Det, No ESV	Det, No ESV	No	Consistent with BKG
OCPs	2,4'-DDE	mg/kg	8	1	13	2.50E-03	Det	2.10E-02	Eco-SSL Mammals	NA	0.1	Det	No	Max HQ < 1
OCPs	4,4'-DDD	mg/kg	8	0	0	--	1.60E-03	2.10E-02	Eco-SSL Mammals	NA	ND	0.08	No	ND and SQLs≤ ESVs
OCPs	4,4'-DDE	mg/kg	8	3	38	1.70E-02	Det	2.10E-02	Eco-SSL Mammals	NA	0.8	Det	No	Max HQ < 1
OCPs	4,4'-DDT	mg/kg	8	1	13	3.50E-03	Det	2.10E-02	Eco-SSL Mammals	NA	0.2	Det	No	Max HQ < 1
OCPs	Calculated DDx (ND=0.5DL)	mg/kg	8	3	38	2.38E-02	Det	2.10E-02	Eco-SSL Mammals	NA	**1**	Det	No	Max HQ = 1
OCPs	Aldrin	mg/kg	8	0	0	--	1.60E-03	3.00E-02	R4 Inverts	NA	ND	0.05	No	ND and SQLs≤ ESVs
OCPs	alpha-BHC	mg/kg	8	0	0	--	1.60E-03	3.00E-04	R4 Inverts	NA	ND	5	YES	--
OCPs	alpha-Chlordane	mg/kg	8	0	0	--	2.10E-03	2.90E-03	R4 Inverts	NA	ND	0.7	No	ND and SQLs≤ ESVs
OCPs	beta-BHC	mg/kg	8	5	63	1.00E-02	Det	3.00E-04	R4 Inverts	NA	30	Det	YES	--
OCPs	delta-BHC	mg/kg	8	0	0	--	1.60E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OCPs	Dieldrin	mg/kg	8	0	0	--	1.60E-03	4.90E-03	Eco-SSL Mammals	NA	ND	0.3	No	ND and SQLs≤ ESVs
OCPs	Endosulfan I	mg/kg	8	0	0	--	1.60E-03	9.00E-04	R4 Inverts	NA	ND	2	YES	--
OCPs	Endosulfan II	mg/kg	8	0	0	--	1.60E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OCPs	Endosulfan sulfate	mg/kg	8	0	0	--	2.10E-03	7.00E-04	R4 Inverts	NA	ND	3	YES	--
OCPs	Endrin	mg/kg	8	0	0	--	1.60E-03	1.40E-03	R4 Birds	NA	ND	**1**	No	ND and SQLs≤ ESVs

TABLE 3-1b: Screening-Level Evaluation of Chemicals: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	% Detects	Maximum Detection	Maximum SQL	SLERA ESV	Source	Fail Statistical Testing for Background Consistency? (a)	MAX HQ	MAX SQL HQ	Retain for Further Evalation?	Rationale for Exclusion
OCPs	Endrin aldehyde	mg/kg	8	0	0	--	1.60E-03	1.40E-03	R4 endrin used as surrogate	NA	ND	**1**	No	ND and SQLs≤ ESVs
OCPs	Endrin ketone	mg/kg	8	0	0	--	2.10E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OCPs	gamma-BHC	mg/kg	8	0	0	--	1.60E-03	3.10E-03	R4 Inverts	NA	ND	0.5	No	ND and SQLs≤ ESVs
OCPs	gamma-Chlordane	mg/kg	8	0	0	--	1.60E-03	2.00E-02	R4 Inverts	NA	ND	0.08	No	ND and SQLs≤ ESVs
OCPs	Heptachlor	mg/kg	8	0	0	--	2.10E-03	1.60E-03	R4 Inverts	NA	ND	**1**	No	ND and SQLs≤ ESVs
OCPs	Heptachlor epoxide	mg/kg	8	0	0	--	2.10E-03	1.50E-04	R4 Inverts	NA	ND	10	YES	--
OCPs	Hexachlorobenzene	mg/kg	8	0	0	--	7.40E-02	7.90E-02	R4 Birds	NA	ND	0.9	No	ND and SQLs≤ ESVs
OCPs	Methoxychlor	mg/kg	8	0	0	--	1.60E-03	2.10E-03	R4 Inverts	NA	ND	0.8	No	ND and SQLs≤ ESVs
OCPs	Toxaphene	mg/kg	8	0	0	--	5.30E-02	1.50E-04	R4 Inverts	NA	ND	400	YES	--
OPPs	Atrazine	mg/kg	8	0	0	--	1.20E-02	5.00E-05	R4 Inverts	NA	ND	200	YES	--
OPPs	Chlorpyrifos	mg/kg	8	0	0	--	6.60E-03	3.00E-03	R4 Inverts	NA	ND	2	YES	--
OPPs	Coumaphos	mg/kg	8	0	0	--	2.90E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Dasanit	mg/kg	8	0	0	--	8.40E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Demeton (O + S)	mg/kg	8	0	0	--	7.70E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Diazinon	mg/kg	8	0	0	--	7.50E-03	3.70E-03	R4 Inverts	NA	ND	2	YES	--
OPPs	Dichlorovos	mg/kg	8	0	0	--	7.60E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Dimethoate	mg/kg	8	0	0	--	7.30E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Disulfoton	mg/kg	8	0	0	--	7.90E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	EPN	mg/kg	8	0	0	--	3.80E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Ethoprop	mg/kg	8	0	0	--	5.10E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Famphur	mg/kg	8	0	0	--	3.30E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Fenthion	mg/kg	8	0	0	--	9.00E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Guthion	mg/kg	8	0	0	--	3.60E-03	6.00E-05	R4 Inverts	NA	ND	60	YES	--
OPPs	Malathion	mg/kg	8	0	0	--	4.80E-03	4.00E-05	R4 Inverts	NA	ND	100	YES	--
OPPs	Merphos	mg/kg	8	0	0	--	5.30E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Methyl parathion	mg/kg	8	0	0	--	6.50E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Mevinphos	mg/kg	8	0	0	--	4.70E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Parathion	mg/kg	8	0	0	--	5.40E-03	1.90E-04	R4 Inverts	NA	ND	30	YES	--
OPPs	Phorate	mg/kg	8	0	0	--	5.80E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Propazine	mg/kg	8	0	0	--	8.80E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Prothiophos	mg/kg	8	0	0	--	4.00E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Ronnel	mg/kg	8	0	0	--	1.60E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Simazine	mg/kg	8	0	0	--	2.30E-02	8.30E-03	R4 Inverts	NA	ND	3	YES	--
OPPs	Sulfotepp	mg/kg	8	0	0	--	6.40E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Sulprofos	mg/kg	8	0	0	--	4.30E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Thionazin	mg/kg	8	0	0	--	5.70E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
OPPs	Trichloronate	mg/kg	8	0	0	--	6.40E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
Organics	Acetic acid	mg/kg	8	0	0	--	1.60E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
Organics	Butyric acid	mg/kg	8	0	0	--	1.70E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
Organics	Formic acid	mg/kg	8	0	0	--	2.30E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
Organics	Lactic acid	mg/kg	8	0	0	--	3.10E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
Organics	Propionic acid	mg/kg	8	0	0	--	1.80E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
Organics	Pyruvic acid	mg/kg	8	0	0	--	2.60E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
PAHs	Calculated HMW PAHs (ND=0.5DL)	mg/kg	8	0	0	--	2.15E-02	1.10E+00	Eco-SSL Mammals	NA	ND	0.02	No	ND and SQLs≤ ESVs
PAHs	Calculated LMW PAHs (ND=0.5DL)	mg/kg	8	1	13	1.33E-01	Det	2.90E+01	Eco-SSL Inverts	NA	0.005	Det	No	Max HQ < 1
PAHs	Calculated Total PAHs (ND=0.5DL)	mg/kg	8	1	13	1.54E-01	Det	1.10E+00	Eco-SSL HMW PAHs as surrogate	NA	0.1	Det	No	Max HQ < 1
PCBs	Calculated Aroclor-1242 (ND=0.5DL)	mg/kg	8	8	100	1.68E-04	Det	4.10E-02	R4 Birds	NA	0.004	Det	No	Max HQ < 1
PCBs	Calculated Aroclor-1248 (ND=0.5DL)	mg/kg	8	8	100	2.74E-04	Det	4.10E-02	R4 Birds	NA	0.007	Det	No	Max HQ < 1

TABLE 3-1b: Screening-Level Evaluation of Chemicals: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	% Detects	Maximum Detection	Maximum SQL	SLERA ESV	Source	Fail Statistical Testing for Background Consistency? (a)	MAX HQ	MAX SQL HQ	Retain for Further Evalation?	Rationale for Exclusion
PCBs	Calculated Aroclor-1254 (ND=0.5DL)	mg/kg	8	8	100	5.68E-04	Det	4.10E-02	R4 Birds	NA	0.01	Det	No	Max HQ < 1
PCBs	Calculated Aroclor-1260 (ND=0.5DL)	mg/kg	8	8	100	8.76E-04	Det	4.10E-02	R4 Birds	NA	0.02	Det	No	Max HQ < 1
PCBs	Calculated Total PCBs (ND=0.5DL)	mg/kg	8	8	100	1.58E-02	Det	4.10E-02	R4 Birds	NA	0.4	Det	No	Max HQ < 1
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	mg/kg	8	8	100	2.67E-06	Det	1.60E-05	R4 Birds as surrogate	NA	0.2	Det	No	Max HQ < 1
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	mg/kg	8	8	100	1.42E-06	Det	3.15E-06	R4 Mammals as surrogate	NA	0.5	Det	No	Max HQ < 1
RAD	Radium-226	pCi/g	8	8	100	1.32E+00	Det	1.50E+00	LANL Min NOAEL TRV	No	0.9	Det	No	Consistent with BKG
RAD	Radium-228	pCi/g	8	8	100	1.77E+00	Det	1.20E+00	LANL Min NOAEL TRV	No	**1**	Det	No	Consistent with BKG
RAD	Thorium-228	pCi/g	8	8	100	2.03E+00	Det	4.30E+01	LANL Min NOAEL TRV	No	0.05	Det	No	Consistent with BKG
RAD	Thorium-230	pCi/g	8	8	100	1.44E+00	Det	5.20E+01	LANL Min NOAEL TRV	No	0.03	Det	No	Consistent with BKG
RAD	Thorium-232	pCi/g	8	8	100	2.01E+00	Det	6.20E+00	LANL Min NOAEL TRV	No	0.3	Det	No	Consistent with BKG
RAD	Uranium-234	pCi/g	8	8	100	1.14E+00	Det	4.40E+02	LANL Min NOAEL TRV	No	0.003	Det	No	Consistent with BKG
RAD	Uranium-235	pCi/g	8	8	100	6.55E-02	Det	4.40E+02	LANL Min NOAEL TRV	No	0.0001	Det	No	Consistent with BKG
RAD	Uranium-238	pCi/g	8	8	100	1.04E+00	Det	4.00E+02	LANL Min NOAEL TRV	No	0.003	Det	No	Consistent with BKG
SVOCs	2,4,5-Trichlorophenol	mg/kg	8	0	0	--	2.80E-01	4.00E+00	R4 Plants	NA	ND	0.07	No	ND and SQLs≤ ESVs
SVOCs	2,4,6-Trichlorophenol	mg/kg	8	0	0	--	1.70E-01	9.94E+00	R4 Mammals	NA	ND	0.02	No	ND and SQLs≤ ESVs
SVOCs	2,4-Dichlorophenol	mg/kg	8	0	0	--	7.10E-02	5.00E-02	R4 Inverts	NA	ND	**1**	No	ND and SQLs≤ ESVs
SVOCs	2,4-Dimethylphenol	mg/kg	8	0	0	--	1.40E-01	4.00E-02	R4 Inverts	NA	ND	4	YES	--
SVOCs	2,4-Dinitrophenol	mg/kg	8	0	0	--	1.10E+00	6.10E-02	R4 Mammals	NA	ND	20	YES	--
SVOCs	2,4-Dinitrotoluene	mg/kg	8	0	0	--	8.50E-02	6.00E+00	R4 Plants	NA	ND	0.01	No	ND and SQLs≤ ESVs
SVOCs	2,6-Dinitrotoluene	mg/kg	8	0	0	--	1.00E-01	4.00E+00	R4 Mammals	NA	ND	0.03	No	ND and SQLs≤ ESVs
SVOCs	2-Chloronaphthalene	mg/kg	8	0	0	--	7.10E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	2-Chlorophenol	mg/kg	8	0	0	--	7.40E-02	6.00E-02	R4 Inverts	NA	ND	**1**	No	ND and SQLs≤ ESVs
SVOCs	2-Methylphenol	mg/kg	8	0	0	--	8.50E-02	1.00E-01	R4 Inverts	NA	ND	0.9	No	ND and SQLs≤ ESVs
SVOCs	2-Nitroaniline	mg/kg	8	0	0	--	1.80E-01	2.00E-02	R4 Inverts	NA	ND	9	YES	--
SVOCs	2-Nitrophenol	mg/kg	8	0	0	--	1.40E-01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	3&4-Methylphenol	mg/kg	8	0	0	--	1.40E-01	6.90E-01	LANL Min NOAEL TRV for 3-methylphenol was used as a surrogate.	NA	ND	0.2	No	ND and SQLs≤ ESVs
SVOCs	3,3'-Dichlorobenzidine	mg/kg	8	0	0	--	1.60E-01	3.00E-02	R4 Inverts	NA	ND	5	YES	--
SVOCs	3-Nitroaniline	mg/kg	8	0	0	--	1.40E-01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	4-Bromophenyl-phenyl ether	mg/kg	8	0	0	--	8.00E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	4-Chloro-3-methylphenol	mg/kg	8	0	0	--	2.10E-01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	4-Chloroaniline	mg/kg	8	0	0	--	1.60E-01	1.00E+00	R4 Plants	NA	ND	0.2	No	ND and SQLs≤ ESVs
SVOCs	4-Chlorophenyl-phenyl ether	mg/kg	8	0	0	--	2.10E-01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	4-Nitroaniline	mg/kg	8	0	0	--	1.40E-01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	4-Nitrophenol	mg/kg	8	0	0	--	5.30E-01	5.12E+00	R4 Mammals	NA	ND	0.1	No	ND and SQLs≤ ESVs
SVOCs	Aniline	mg/kg	2	0	0	--	1.50E-01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	Benzidine	mg/kg	1	0	0	--	1.70E-01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	Benzoic acid	mg/kg	8	0	0	--	5.00E-01	1.00E-02	R4 Inverts	NA	ND	50	YES	--
SVOCs	Benzyl alcohol	mg/kg	8	0	0	--	4.40E-01	2.00E-03	R4 Inverts	NA	ND	200	YES	--

TABLE 3-1b: Screening-Level Evaluation of Chemicals: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	% Detects	Maximum Detection	Maximum SQL	SLERA ESV	Source	Fail Statistical Testing for Background Consistency? (a)	MAX HQ	MAX SQL HQ	Retain for Further Evalation?	Rationale for Exclusion
SVOCs	bis(2-Chloroethoxy)methane	mg/kg	8	0	0	--	1.40E-01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	bis(2-Chloroethyl) ether	mg/kg	8	0	0	--	7.40E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	bis(2-Ethylhexyl)phthalate	mg/kg	8	0	0	--	9.60E-02	2.00E-02	R4 Birds	NA	ND	5	YES	--
SVOCs	Butylbenzylphthalate	mg/kg	8	0	0	--	8.50E-02	5.90E-01	R4 Inverts	NA	ND	0.1	No	ND and SQLs≤ ESVs
SVOCs	Dibenzofuran	mg/kg	8	0	0	--	1.50E-01	1.50E-01	R4 Inverts	NA	ND	**1**	No	ND and SQLs≤ ESVs
SVOCs	Diethylphthalate	mg/kg	8	0	0	--	1.00E-01	2.50E-01	R4 Inverts	NA	ND	0.4	No	ND and SQLs≤ ESVs
SVOCs	Dimethylphthalate	mg/kg	8	0	0	--	7.10E-02	1.00E+01	R4 Inverts	NA	ND	0.007	No	ND and SQLs≤ ESVs
SVOCs	Di-n-butylphthalate	mg/kg	8	0	0	--	9.60E-02	1.10E-02	R4 Birds	NA	ND	9	YES	--
SVOCs	Di-n-octylphthalate	mg/kg	8	0	0	--	9.60E-02	9.10E-01	R4 Mammals	NA	ND	0.1	No	ND and SQLs≤ ESVs
SVOCs	Hexachlorobutadiene	mg/kg	8	0	0	--	2.20E-03	9.00E-03	R4 Inverts	NA	ND	0.2	No	ND and SQLs≤ ESVs
SVOCs	Hexachlorocyclopentadiene	mg/kg	8	0	0	--	3.30E-01	1.00E-03	R4 Inverts	NA	ND	300	YES	--
SVOCs	Hexachloroethane	mg/kg	8	0	0	--	7.40E-02	2.40E-02	R4 Inverts	NA	ND	3	YES	--
SVOCs	Isophorone	mg/kg	8	0	0	--	7.10E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	Nitrobenzene	mg/kg	8	0	0	--	7.40E-02	2.20E+00	R4 Inverts	NA	ND	0.03	No	ND and SQLs≤ ESVs
SVOCs	n-Nitroso-di-n-propylamine	mg/kg	8	0	0	--	7.40E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	n-Nitrosodiphenylamine	mg/kg	8	0	0	--	1.70E-01	5.45E-01	R4 Mammals	NA	ND	0.3	No	ND and SQLs≤ ESVs
SVOCs	Octachlorostyrene	mg/kg	8	0	0	--	2.40E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
SVOCs	Pentachlorophenol	mg/kg	8	0	0	--	3.60E-01	2.10E+00	Eco-SSL Birds	NA	ND	0.2	No	ND and SQLs≤ ESVs
SVOCs	Phenol	mg/kg	8	0	0	--	9.60E-02	7.90E-01	R4 Plants	NA	ND	0.1	No	ND and SQLs≤ ESVs
SVOCs	Pyridine	mg/kg	8	0	0	--	1.60E-01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
TPH	Petroleum Hydrocarbons (C23-C40)	mg/kg	8	6	75	4.00E+00	Det	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	NA	0.05	Det	No	Max HQ < 1
TPH	Total petroleum hydrocarbon-diesel	mg/kg	8	0	0	--	2.70E+00	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	NA	ND	0.03	No	ND and SQLs≤ ESVs
TPH	Total petroleum hydrocarbon-gasoline	mg/kg	8	0	0	--	1.60E-01	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	NA	ND	0.002	No	ND and SQLs≤ ESVs
VOCs	1,1,1,2-Tetrachloroethane	mg/kg	8	0	0	--	2.20E-03	7.00E-02	R4 Inverts	NA	ND	0.03	No	ND and SQLs≤ ESVs
VOCs	1,1,1-Trichloroethane	mg/kg	8	0	0	--	1.10E-03	4.00E-02	R4 Inverts	NA	ND	0.03	No	ND and SQLs≤ ESVs
VOCs	1,1,2,2-Tetrachloroethane	mg/kg	8	0	0	--	2.20E-03	1.27E-01	R4 Mammals	NA	ND	0.02	No	ND and SQLs≤ ESVs
VOCs	1,1,2-Trichloroethane	mg/kg	8	0	0	--	1.10E-03	3.20E-01	R4 Inverts	NA	ND	0.003	No	ND and SQLs≤ ESVs
VOCs	1,1-Dichloroethane	mg/kg	8	0	0	--	1.10E-03	1.40E-01	R4 Inverts	NA	ND	0.008	No	ND and SQLs≤ ESVs
VOCs	1,1-Dichloroethene	mg/kg	8	0	0	--	1.10E-03	4.00E-02	R4 Inverts	NA	ND	0.03	No	ND and SQLs≤ ESVs
VOCs	1,1-Dichloropropene	mg/kg	8	0	0	--	1.10E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	1,2,3-Trichlorobenzene	mg/kg	8	0	0	--	2.20E-03	2.00E+01	R4 Inverts	NA	ND	0.0001	No	ND and SQLs≤ ESVs
VOCs	1,2,3-Trichloropropane	mg/kg	8	0	0	--	2.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	1,2,4-Trichlorobenzene	mg/kg	8	0	0	--	2.20E-03	2.70E-01	R4 Mammals	NA	ND	0.008	No	ND and SQLs≤ ESVs
VOCs	1,2,4-Trimethylbenzene	mg/kg	8	0	0	--	2.20E-03	9.00E-02	R4 Inverts	NA	ND	0.02	No	ND and SQLs≤ ESVs
VOCs	1,2-Dibromo-3-chloropropane	mg/kg	8	0	0	--	4.50E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	1,2-Dibromoethane	mg/kg	8	0	0	--	1.10E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	1,2-Dichlorobenzene	mg/kg	8	0	0	--	1.10E-03	9.00E-02	R4 Inverts	NA	ND	0.01	No	ND and SQLs≤ ESVs
VOCs	1,2-Dichloroethane	mg/kg	8	0	0	--	1.10E-03	4.00E-01	R4 Inverts	NA	ND	0.003	No	ND and SQLs≤ ESVs
VOCs	1,2-Dichloropropane	mg/kg	8	0	0	--	1.10E-03	2.80E-01	R4 Inverts	NA	ND	0.004	No	ND and SQLs≤ ESVs
VOCs	1,3,5-Trimethylbenzene	mg/kg	8	0	0	--	2.20E-03	1.60E-01	R4 Inverts	NA	ND	0.01	No	ND and SQLs≤ ESVs
VOCs	1,3-Dichlorobenzene	mg/kg	8	0	0	--	1.10E-03	8.00E-02	R4 Inverts	NA	ND	0.01	No	ND and SQLs≤ ESVs
VOCs	1,3-Dichloropropane	mg/kg	8	0	0	--	1.10E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	1,4-Dichlorobenzene	mg/kg	8	0	0	--	1.10E-03	8.90E-01	R4 Mammals	NA	ND	0.001	No	ND and SQLs≤ ESVs
VOCs	2,2-Dichloropropane	mg/kg	8	0	0	--	2.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	2-Butanone	mg/kg	8	0	0	--	1.10E-02	1.00E+00	R4 Inverts	NA	ND	0.01	No	ND and SQLs≤ ESVs
VOCs	2-Chlorotoluene	mg/kg	8	0	0	--	2.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	2-Hexanone	mg/kg	8	0	0	--	1.10E-02	3.60E-01	R4 Birds	NA	ND	0.03	No	ND and SQLs≤ ESVs
VOCs	4-Chlorotoluene	mg/kg	8	0	0	--	2.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J

TABLE 3-1b: Screening-Level Evaluation of Chemicals: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	% Detects	Maximum Detection	Maximum SQL	SLERA ESV	Source	Fail Statistical Testing for Background Consistency? (a)	MAX HQ	MAX SQL HQ	Retain for Further Evalation?	Rationale for Exclusion
VOCs	4-Methyl-2-pentanone	mg/kg	8	0	0	--	5.60E-03	9.70E+00	LANL Min NOAEL TRV	NA	ND	0.0006	No	ND and SQLs≤ ESVs
VOCs	Acetone	mg/kg	8	0	0	--	1.80E-02	4.00E-02	R4 Inverts	NA	ND	0.5	No	ND and SQLs≤ ESVs
VOCs	Benzene	mg/kg	8	0	0	--	1.10E-03	1.20E-01	R4 Inverts	NA	ND	0.009	No	ND and SQLs≤ ESVs
VOCs	Bromobenzene	mg/kg	8	0	0	--	2.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Bromochloromethane	mg/kg	8	0	0	--	2.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Bromodichloromethane	mg/kg	8	0	0	--	1.10E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Bromoform	mg/kg	8	0	0	--	2.20E-03	7.00E-02	R4 Inverts	NA	ND	0.03	No	ND and SQLs≤ ESVs
VOCs	Bromomethane	mg/kg	8	0	0	--	2.20E-03	2.00E-03	R4 Inverts	NA	ND	**1**	No	ND and SQLs≤ ESVs
VOCs	Carbon tetrachloride	mg/kg	8	0	0	--	1.10E-03	5.00E-02	R4 Inverts	NA	ND	0.02	No	ND and SQLs≤ ESVs
VOCs	Chlorobenzene	mg/kg	8	0	0	--	1.10E-03	2.40E+00	R4 Inverts	NA	ND	0.0005	No	ND and SQLs≤ ESVs
VOCs	Chloroethane	mg/kg	8	0	0	--	2.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Chloroform	mg/kg	8	0	0	--	1.10E-03	5.00E-02	R4 Inverts	NA	ND	0.02	No	ND and SQLs≤ ESVs
VOCs	Chloromethane	mg/kg	8	0	0	--	2.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	cis-1,2-Dichloroethene	mg/kg	8	0	0	--	1.10E-03	4.00E-02	R4 Inverts	NA	ND	0.03	No	ND and SQLs≤ ESVs
VOCs	cis-1,3-Dichloropropene	mg/kg	8	0	0	--	1.10E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Cumene	mg/kg	8	0	0	--	1.10E-03	4.00E-02	R4 Inverts	NA	ND	0.03	No	ND and SQLs≤ ESVs
VOCs	Dibromochloromethane	mg/kg	8	0	0	--	1.10E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Dibromomethane	mg/kg	8	0	0	--	1.10E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Dichlorodifluoromethane	mg/kg	8	0	0	--	2.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Diisopropyl ether	mg/kg	8	0	0	--	2.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Ethyl benzene	mg/kg	8	0	0	--	1.10E-03	2.70E-01	R4 Inverts	NA	ND	0.004	No	ND and SQLs≤ ESVs
VOCs	Ethyl tert-butyl ether	mg/kg	8	0	0	--	2.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	m,p-Xylene	mg/kg	8	0	0	--	2.20E-03	1.00E-01	R4 Xylenes (total) as surrogate	NA	ND	0.02	No	ND and SQLs≤ ESVs
VOCs	Methyl tert-butyl ether	mg/kg	8	0	0	--	2.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Methylene Chloride	mg/kg	8	0	0	--	1.10E-02	2.10E-01	R4 Inverts	NA	ND	0.05	No	ND and SQLs≤ ESVs
VOCs	n-Butylbenzene	mg/kg	8	0	0	--	2.20E-03	1.00E+01	R4 Dimethylphthalate as surrogate	NA	ND	0.0002	No	ND and SQLs≤ ESVs
VOCs	n-Propylbenzene	mg/kg	8	0	0	--	1.10E-03	1.00E+01	R4 Dimethylphthalate as surrogate	NA	ND	0.0001	No	ND and SQLs≤ ESVs
VOCs	o-Xylene	mg/kg	8	0	0	--	1.10E-03	1.00E-01	R4 Xylenes (total) as surrogate	NA	ND	0.01	No	ND and SQLs≤ ESVs
VOCs	p-Cymene	mg/kg	8	0	0	--	1.10E-03	1.80E-01	R4 Inverts	NA	ND	0.006	No	ND and SQLs≤ ESVs
VOCs	sec-Butylbenzene	mg/kg	8	0	0	--	2.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Styrene	mg/kg	8	0	0	--	1.10E-03	1.20E+00	R4 Inverts	NA	ND	0.0009	No	ND and SQLs≤ ESVs
VOCs	t-Amyl methyl ether	mg/kg	8	0	0	--	2.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	tert Butyl alcohol	mg/kg	8	0	0	--	2.20E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	tert-Butylbenzene	mg/kg	8	0	0	--	2.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Tetrachloroethene	mg/kg	8	0	0	--	1.10E-03	6.00E-02	R4 Inverts	NA	ND	0.02	No	ND and SQLs≤ ESVs
VOCs	Toluene	mg/kg	8	2	25	6.20E-04	Det	1.50E-01	R4 Inverts	NA	0.004	Det	No	Max HQ < 1
VOCs	trans-1,2-Dichloroethene	mg/kg	8	0	0	--	1.10E-03	4.00E-02	R4 Inverts	NA	ND	0.03	No	ND and SQLs≤ ESVs
VOCs	trans-1,3-Dichloropropene	mg/kg	8	0	0	--	1.10E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV, See Appendix J
VOCs	Trichloroethene	mg/kg	8	0	0	--	1.10E-03	6.00E-02	R4 Inverts	NA	ND	0.02	No	ND and SQLs≤ ESVs
VOCs	Trichlorofluoromethane	mg/kg	8	0	0	--	2.20E-03	1.64E+01	R4 Mammals	NA	ND	0.0001	No	ND and SQLs≤ ESVs
VOCs	Vinyl chloride	mg/kg	8	0	0	--	2.20E-03	3.00E-02	R4 Inverts	NA	ND	0.07	No	ND and SQLs≤ ESVs

TABLE 3-1b: Screening-Level Evaluation of Chemicals: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

(a) Background screening only applicable to metals and radionuclides (NDEP 2009c). Constituents marked as having a low detect frequency (LDF) in either the site or background datasets were visually evaluted using Quantile-Quantile (Q-Q) plots and boxplots. See Appendix E for details of background screening.

Notes:

= Number
% = Percent
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDD = Dichlorodiphenyldichloroethylene
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of DDT and its isomers
Det = Detected
DL = Detection limit
Eco-SSL = Ecological soil screening level
EFH = Extractable fuel hydrocarbons
EPN = O-Ethyl O-(4-nitrophenyl) phenylphosphonothioate
ESV = Ecological screening value
FOD = Frequency of detection
HMW = High molecular weight
HQ = Hazard quotient
Inverts = Invertebrates
LANL = Los Alamos National Laboratory
LDF = Low detection frequency
LMW = Low molecular weight
MAX = Maximum
mg/kg = Milligram per kilogram
Min = Minimum
NA = Not applicable
NC = No criteria
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
OPPs = Organophosphate pesticides
ORNL = Oak Ridge National Laboratory (ORNL 1997)
OU-1 = Operable Unit 1
PAHs = Polycyclic aromatic hydrocarbons
PCBs = Polychlorinated biphenyls
pci/g = Average picocuries per gram
R4 = Region 4 (USEPA 2018)
R6 = Region 6 (USEPA 1999)
RAD = Radionuclide compounds
SLERA = Screening level ecological risk assessment
SQL = Sample quantitation limit
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
TRV = Toxicity reference value
USEPA = United States Environmental Protection Agency
VOCs = Volatile organic compounds

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1,000	100 < HQ

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TABLE 3-2a: Screening-Level Evaluation of Chemicals: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Maximum Detection	Maximum SQL	SLERA ESV	Source	Fail Statistical Testing for Background Consistency? (a)	MAX HQ	MAX SQL HQ	Retain for Further Evalation?	Rationale for Exclusion
Chlorine Oxyanions	Chlorate	mg/kg	138	109	2.58E+03	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
Chlorine Oxyanions	Perchlorate	mg/kg	163	156	4.47E+03	Det	1.20E-01	LANL Min NOAEL TRV	NA	40,000	Det	YES	--
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	mg/kg	192	192	4.49E-02	Det	1.60E-05	R4 Birds	NA	3,000	Det	YES	--
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	mg/kg	192	192	3.14E-02	Det	3.15E-06	R4 Mammals	NA	10,000	Det	YES	--
General Chemistry	Ammonia	mg/kg	106	29	1.62E+02	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
General Chemistry	Bromide	mg/kg	107	11	4.70E+00	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
General Chemistry	Cyanide (total)	mg/kg	49	0	--	5.70E-01	9.80E-02	R4 Birds	NA	ND	6	YES	--
General Chemistry	Nitrate	mg/kg	116	109	3.60E+02	Det	NC	--	Yes	Det, No ESV	Det, No ESV	YES	--
General Chemistry	Nitrate/Nitrite	mg/kg	45	45	2.39E+02	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
General Chemistry	Nitrite	mg/kg	116	11	4.60E+00	Det	NC	--	LDF (Yes)	Det, No ESV	Det, No ESV	YES	--
General Chemistry	ortho-Phosphate	mg/kg	35	4	9.97E+02	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
General Chemistry	Sulfate	mg/kg	108	106	1.21E+04	Det	NC	--	Yes	Det, No ESV	Det, No ESV	YES	--
Metals	Antimony	mg/kg	141	30	2.40E+00	Det	2.70E-01	Eco-SSL Mammals	LDF (Yes)	9	Det	YES	--
Metals	Arsenic	mg/kg	218	216	3.92E+01	Det	1.80E+01	Eco-SSL Plants	Yes	2	Det	YES	--
Metals	Boron	mg/kg	144	137	1.51E+03	Det	2.00E+00	R4 Birds	Yes	800	Det	YES	--
Metals	Cadmium	mg/kg	144	57	1.56E+00	Det	3.60E-01	Eco-SSL Mammals	LDF (Yes)	4	Det	YES	--
Metals	Chromium (total)	mg/kg	144	142	9.82E+01	Det	2.60E+01	Eco-SSL Birds	Yes	4	Det	YES	--
Metals	Cobalt	mg/kg	163	160	2.67E+02	Det	1.30E+01	Eco-SSL Plants	Yes	20	Det	YES	--
Metals	Copper	mg/kg	144	142	1.10E+02	Det	2.80E+01	Eco-SSL Birds	Yes	4	Det	YES	--
Metals	Iron	mg/kg	144	144	1.40E+05	Det	2.00E+02	ORNL Microbes	Yes	700	Det	YES	--
Metals	Lead	mg/kg	155	151	2.67E+02	Det	1.10E+01	Eco-SSL Birds	Yes	20	Det	YES	--
Metals	Magnesium	mg/kg	163	162	1.89E+05	Det	NC	--	Yes	Det, No ESV	Det, No ESV	YES	--
Metals	Manganese	mg/kg	180	180	2.50E+05	Det	2.20E+02	Eco-SSL Plants	Yes	1,000	Det	YES	--
Metals	Mercury	mg/kg	144	123	1.80E+00	Det	1.30E-02	R4 Birds	Yes	100	Det	YES	--
Metals	Molybdenum	mg/kg	144	94	4.10E+01	Det	2.00E+00	R4 Plants	Yes	20	Det	YES	--
Metals	Selenium	mg/kg	136	15	3.40E+00	Det	5.20E-01	Eco-SSL Plants	LDF (Yes)	7	Det	YES	--
Metals	Sulfur	mg/kg	25	19	1.40E+04	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
Metals	Vanadium	mg/kg	90	90	6.76E+01	Det	7.80E+00	Eco-SSL Birds	Yes	9	Det	YES	--
OCPs	2,4'-DDE	mg/kg	37	16	3.50E-02	Det	2.10E-02	Eco-SSL Mammals	NA	2	Det	YES	--
OCPs	4,4'-DDE	mg/kg	101	43	3.50E+00	Det	2.10E-02	Eco-SSL Mammals	NA	200	Det	YES	--
OCPs	4,4'-DDT	mg/kg	101	33	7.70E-01	Det	2.10E-02	Eco-SSL Mammals	NA	40	Det	YES	--
OCPs	Calculated DDx (ND=0.5DL)	mg/kg	101	50	4.30E+00	Det	2.10E-02	Eco-SSL Mammals	NA	200	Det	YES	--
OCPs	alpha-BHC	mg/kg	101	2	5.10E-03	Det	3.00E-04	R4 Inverts	NA	20	Det	YES	--
OCPs	alpha-Chlordane	mg/kg	101	0	--	4.40E-02	2.90E-03	R4 Inverts	NA	ND	20	YES	--
OCPs	beta-BHC	mg/kg	101	54	8.70E-01	Det	3.00E-04	R4 Inverts	NA	3,000	Det	YES	--
OCPs	Chlordane (total)	mg/kg	62	0	--	2.20E-01	2.90E-03	R4 alpha-chlordane used as surrogate	NA	ND	80	YES	--
OCPs	Dieldrin	mg/kg	101	0	--	8.60E-02	4.90E-03	Eco-SSL Mammals	NA	ND	20	YES	--
OCPs	Endosulfan I	mg/kg	101	0	--	4.40E-02	9.00E-04	R4 Inverts	NA	ND	50	YES	--
OCPs	Endosulfan sulfate	mg/kg	101	0	--	8.60E-02	7.00E-04	R4 Inverts	NA	ND	100	YES	--
OCPs	Endrin	mg/kg	101	2	5.40E-03	Det	1.40E-03	R4 Birds	NA	4	Det	YES	--
OCPs	Endrin aldehyde	mg/kg	101	0	--	8.60E-02	1.40E-03	R4 endrin used as surrogate	NA	ND	60	YES	--
OCPs	gamma-BHC	mg/kg	101	0	--	5.20E-02	3.10E-03	R4 Inverts	NA	ND	20	YES	--
OCPs	Heptachlor	mg/kg	101	0	--	4.40E-02	1.60E-03	R4 Inverts	NA	ND	30	YES	--
OCPs	Heptachlor epoxide	mg/kg	101	0	--	4.80E-02	1.50E-04	R4 Inverts	NA	ND	300	YES	--
OCPs	Hexachlorobenzene	mg/kg	203	118	4.60E+00	Det	7.90E-02	R4 Birds	NA	60	Det	YES	--
OCPs	Methoxychlor	mg/kg	101	2	3.10E-01	Det	2.10E-03	R4 Inverts	NA	100	Det	YES	--
OCPs	Toxaphene	mg/kg	101	0	--	1.80E+00	1.50E-04	R4 Inverts	NA	ND	10,000	YES	--
OPPs	Atrazine	mg/kg	25	0	--	1.30E-02	5.00E-05	R4 Inverts	NA	ND	300	YES	--

TABLE 3-2a: Screening-Level Evaluation of Chemicals: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Maximum Detection	Maximum SQL	SLERA ESV	Source	Fail Statistical Testing for Background Consistency? (a)	MAX HQ	MAX SQL HQ	Retain for Further Evalation?	Rationale for Exclusion
OPPs	Chlorpyrifos	mg/kg	41	0	--	2.50E-02	3.00E-03	R4 Inverts	NA	ND	8	YES	--
OPPs	Diazinon	mg/kg	41	0	--	2.70E-02	3.70E-03	R4 Inverts	NA	ND	7	YES	--
OPPs	Dimethoate	mg/kg	41	0	--	2.70E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV
OPPs	Guthion	mg/kg	41	0	--	1.60E-02	6.00E-05	R4 Inverts	NA	ND	300	YES	--
OPPs	Malathion	mg/kg	41	0	--	1.90E-02	4.00E-05	R4 Inverts	NA	ND	500	YES	--
OPPs	Parathion	mg/kg	41	0	--	2.20E-02	1.90E-04	R4 Inverts	NA	ND	100	YES	--
OPPs	Simazine	mg/kg	25	0	--	2.40E-02	8.30E-03	R4 Inverts	NA	ND	3	YES	--
OPPs	Stirophos	mg/kg	41	1	4.10E-02	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
PAHs	Calculated Total PAHs (ND=0.5DL)	mg/kg	172	58	1.68E+00	Det	1.10E+00	Eco-SSL HMW PAHs as surrogate	NA	2	Det	YES	--
PCBs	Aroclor-1260	mg/kg	54	3	2.70E-01	Det	4.10E-02	R4 Birds	NA	7	Det	YES	--
PCBs	Calculated Aroclor-1254 (ND=0.5DL)	mg/kg	35	35	1.34E-01	Det	4.10E-02	R4 Birds	NA	3	Det	YES	--
PCBs	Calculated Aroclor-1260 (ND=0.5DL)	mg/kg	35	35	2.74E-01	Det	4.10E-02	R4 Birds	NA	7	Det	YES	--
PCBs	Calculated Total PCBs (ND=0.5DL)	mg/kg	35	35	8.59E-01	Det	4.10E-02	R4 Birds	NA	20	Det	YES	--
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	mg/kg	35	35	1.07E-04	Det	1.60E-05	R4 Birds as surrogate	NA	7	Det	YES	--
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	mg/kg	35	35	5.98E-05	Det	3.15E-06	R4 Mammals as surrogate	NA	20	Det	YES	--
SVOCs	2,4-Dichlorophenol	mg/kg	38	0	--	2.10E+00	5.00E-02	R4 Inverts	NA	ND	40	YES	--
SVOCs	2,4-Dimethylphenol	mg/kg	38	0	--	4.00E+00	4.00E-02	R4 Inverts	NA	ND	100	YES	--
SVOCs	2,4-Dinitrophenol	mg/kg	38	0	--	1.00E+01	6.10E-02	R4 Mammals	NA	ND	200	YES	--
SVOCs	2-Chloronaphthalene	mg/kg	39	1	4.20E-01	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
SVOCs	2-Chlorophenol	mg/kg	38	1	1.70E-01	Det	6.00E-02	R4 Inverts	NA	3	Det	YES	--
SVOCs	2-Methylphenol	mg/kg	38	0	--	2.50E+00	1.00E-01	R4 Inverts	NA	ND	30	YES	--
SVOCs	2-Nitroaniline	mg/kg	39	0	--	2.10E+00	2.00E-02	R4 Inverts	NA	ND	100	YES	--
SVOCs	3&4-Methylphenol	mg/kg	38	1	1.10E+00	Det	6.90E-01	LANL Min NOAEL TRV for 3-methylphenol was used as a surrogate.	NA	2	Det	YES	--
SVOCs	3,3'-Dichlorobenzidine	mg/kg	39	0	--	4.60E+00	3.00E-02	R4 Inverts	NA	ND	200	YES	--
SVOCs	4-Chloro-3-methylphenol	mg/kg	38	1	3.20E-01	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
SVOCs	4-Chloroaniline	mg/kg	39	0	--	4.10E+00	1.00E+00	R4 Plants	NA	ND	4	YES	--
SVOCs	Benzoic acid	mg/kg	38	0	--	1.00E+01	1.00E-02	R4 Inverts	NA	ND	1,000	YES	--
SVOCs	Benzyl alcohol	mg/kg	39	0	--	4.60E+00	2.00E-03	R4 Inverts	NA	ND	2,000	YES	--
SVOCs	bis(2-Ethylhexyl)phthalate	mg/kg	169	18	8.20E-01	Det	2.00E-02	R4 Birds	NA	40	Det	YES	--
SVOCs	Di-n-butylphthalate	mg/kg	169	32	1.70E+00	Det	1.10E-02	R4 Birds	NA	200	Det	YES	--
SVOCs	Hexachlorocyclopentadien	mg/kg	39	0	--	4.10E+00	1.00E-03	R4 Inverts	NA	ND	4,000	YES	--
SVOCs	Hexachloroethane	mg/kg	39	0	--	4.10E+00	2.40E-02	R4 Inverts	NA	ND	200	YES	--
SVOCs	Isophorone	mg/kg	39	1	2.70E-01	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
SVOCs	n-Nitrosodiphenylamine	mg/kg	39	0	--	2.50E+00	5.45E-01	R4 Mammals	NA	ND	5	YES	--
SVOCs	Octachlorostyrene	mg/kg	168	30	1.30E+00	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
SVOCs	Pentachlorophenol	mg/kg	38	0	--	1.00E+01	2.10E+00	Eco-SSL Birds	NA	ND	5	YES	--
TPH	EFH (C10-C40)	mg/kg	31	30	9.50E+02	Det	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	NA	10	Det	YES	--
TPH	Oil Range Organics	mg/kg	64	1	8.60E+01	Det	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	NA	**1**	Det	No	Max HQ = 1
TPH	Petroleum Hydrocarbons (C29-C40)	mg/kg	31	17	6.20E+02	Det	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	NA	8	Det	YES	--
TPH	Total petroleum hydrocarbon-diesel	mg/kg	95	20	3.20E+02	Det	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	NA	4	Det	YES	--
VOCs	Acetone	mg/kg	135	74	1.30E-01	Det	4.00E-02	R4 Inverts	NA	3	Det	YES	--
VOCs	Bromodichloromethane	mg/kg	135	1	4.00E-04	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
VOCs	Bromomethane	mg/kg	135	0	--	1.20E-02	2.00E-03	R4 Inverts	NA	ND	6	YES	--

TABLE 3-2a: Screening-Level Evaluation of Chemicals: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Maximum Detection	Maximum SQL	SLERA ESV	Source	Fail Statistical Testing for Background Consistency? (a)	MAX HQ	MAX SQL HQ	Retain for Further Evalation?	Rationale for Exclusion
VOCs	Chloroform	mg/kg	135	25	1.50E-01	Det	5.00E-02	R4 Inverts	NA	3	Det	YES	--
VOCs	Chloromethane	mg/kg	135	0	--	6.20E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV
VOCs	Ethyl tert-butyl ether	mg/kg	135	1	3.80E-04	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
VOCs	Ethylene glycol	mg/kg	1	0	--	4.20E+01	3.10E-01	R4 Inverts	NA	ND	100	YES	--
VOCs	Formaldehyde	mg/kg	2	2	8.90E-02	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
VOCs	Methyl tert-butyl ether	mg/kg	135	1	1.40E-03	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
VOCs	tert Butyl alcohol	mg/kg	134	1	7.60E-03	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--

(a) Background screening only applicable to metals and radionuclides (NDEP 2009c). Constituents marked as having a low detect frequency (LDF) in either the site or background datasets were visually evaluted using Quantile-Quantile (Q-Q) plots and boxplots. See Appendix E for details of background screening.

Notes:

= Number
% = Percent
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDD = Dichlorodiphenyldichloroethylene
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of DDT and its isomers
Det = Detected
DL = Detection limit
Eco-SSL = Ecological soil screening level
EFH = Extractable fuel hydrocarbons
EPN = O-Ethyl O-(4-nitrophenyl) phenylphosphonothioate
ESV = Ecological screening value
FOD = Frequency of detection
HMW = High molecular weight
HQ = Hazard quotient
Inverts = Invertebrates
LANL = Los Alamos National Laboratory
LDF = Low detection frequency
LMW = Low molecular weight
MAX = Maximum
mg/kg = Milligram per kilogram
Min = Minimum
NA = Not applicable
NC = No criteria
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
OPPs = Organophosphate pesticides
ORNL = Oak Ridge National Laboratory (ORNL 1997)
OU-1 = Operable Unit 1
PAHs = Polycyclic aromatic hydrocarbons
PCBs = Polychlorinated biphenyls
pci/g = Average picocuries per gram
R4 = Region 4 (USEPA 2018)
R6 = Region 6 (USEPA 1999)
RAD = Radionuclide compounds
SLERA = Screening level ecological risk assessment
SQL = Sample quantitation limit
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
TRV = Toxicity reference value
USEPA = United States Environmental Protection Agency
VOCs = Volatile organic compounds

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1,000	100 < HQ

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TABLE 3-2b: Screening-Level Evaluation of Chemicals: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Maximum Detection	Maximum SQL	SLERA ESV	Source	Fail Statistical Testing for Background Consistency? (a)	MAX HQ	MAX SQL HQ	Retain for Further Evalation?	Rationale for Exclusion
Chlorine Oxyanions	Chlorate	mg/kg	25	19	1.08E+02	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
Chlorine Oxyanions	Perchlorate	mg/kg	26	24	3.43E+01	Det	1.20E-01	LANL Min NOAEL TRV	NA	300	Det	YES	--
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	mg/kg	28	26	3.67E-04	Det	1.60E-05	R4 Birds	NA	20	Det	YES	--
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	mg/kg	28	26	1.69E-04	Det	3.15E-06	R4 Mammals	NA	50	Det	YES	--
General Chemistry	Ammonia	mg/kg	20	3	1.35E+00	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
General Chemistry	Bromide	mg/kg	25	2	1.10E+00	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
General Chemistry	Cyanide (total)	mg/kg	18	0	--	5.00E-01	9.80E-02	R4 Birds	NA	ND	5	YES	--
General Chemistry	Nitrate	mg/kg	25	25	1.91E+02	Det	NC	--	Yes	Det, No ESV	Det, No ESV	YES	--
General Chemistry	Nitrite	mg/kg	19	3	2.10E-01	Det	NC	--	LDF (No)	Det, No ESV	Det, No ESV	No	Consistent with BKG
General Chemistry	ortho-Phosphate	mg/kg	7	1	7.20E+00	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
General Chemistry	Sulfate	mg/kg	25	25	1.95E+04	Det	NC	--	Yes	Det, No ESV	Det, No ESV	YES	--
Metals	Antimony	mg/kg	25	17	2.20E+00	Det	2.70E-01	Eco-SSL Mammals	Yes	8	Det	YES	--
Metals	Arsenic	mg/kg	29	29	5.50E+00	Det	1.80E+01	Eco-SSL Plants	No	0.3	Det	No	Consistent with BKG
Metals	Boron	mg/kg	25	25	1.12E+02	Det	2.00E+00	R4 Birds	Yes	60	Det	YES	--
Metals	Cadmium	mg/kg	25	24	8.88E+00	Det	3.60E-01	Eco-SSL Mammals	LDF (Yes)	20	Det	YES	--
Metals	Chromium (total)	mg/kg	25	25	1.85E+01	Det	2.60E+01	Eco-SSL Birds	No	0.7	Det	No	Consistent with BKG
Metals	Cobalt	mg/kg	25	25	1.72E+01	Det	1.30E+01	Eco-SSL Plants	No	**1**	Det	No	Consistent with BKG
Metals	Copper	mg/kg	25	25	3.22E+01	Det	2.80E+01	Eco-SSL Birds	No	**1**	Det	No	Consistent with BKG
Metals	Iron	mg/kg	25	25	3.95E+04	Det	2.00E+02	ORNL Microbes	Yes	200	Det	YES	--
Metals	Lead	mg/kg	25	25	1.12E+02	Det	1.10E+01	Eco-SSL Birds	Yes	10	Det	YES	--
Metals	Magnesium	mg/kg	25	25	2.88E+04	Det	NC	--	No	Det, No ESV	Det, No ESV	No	Consistent with BKG
Metals	Manganese	mg/kg	24	24	1.29E+03	Det	2.20E+02	Eco-SSL Plants	No	6	Det	No	Consistent with BKG
Metals	Mercury	mg/kg	25	23	5.60E-02	Det	1.30E-02	R4 Birds	No	4	Det	No	Consistent with BKG
Metals	Molybdenum	mg/kg	25	25	2.75E+00	Det	2.00E+00	R4 Plants	No	**1**	Det	No	Consistent with BKG
Metals	Selenium	mg/kg	25	1	8.00E-01	Det	5.20E-01	Eco-SSL Plants	LDF (No)	2	Det	No	Consistent with BKG
Metals	Sulfur	mg/kg	5	5	1.29E+03	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
Metals	Vanadium	mg/kg	25	25	5.49E+01	Det	7.80E+00	Eco-SSL Birds	No	7	Det	No	Consistent with BKG
OCPs	2,4'-DDE	mg/kg	5	2	4.20E-02	Det	2.10E-02	Eco-SSL Mammals	NA	2	Det	YES	--
OCPs	4,4'-DDE	mg/kg	19	8	9.10E-01	Det	2.10E-02	Eco-SSL Mammals	NA	40	Det	YES	--
OCPs	4,4'-DDT	mg/kg	19	7	6.10E-01	Det	2.10E-02	Eco-SSL Mammals	NA	30	Det	YES	--
OCPs	Calculated DDx (ND=0.5DL)	mg/kg	19	8	1.56E+00	Det	2.10E-02	Eco-SSL Mammals	NA	70	Det	YES	--
OCPs	alpha-BHC	mg/kg	19	0	--	9.00E-03	3.00E-04	R4 Inverts	NA	ND	30	YES	--
OCPs	alpha-Chlordane	mg/kg	19	0	--	9.00E-03	2.90E-03	R4 Inverts	NA	ND	3	YES	--
OCPs	beta-BHC	mg/kg	19	11	1.50E-01	Det	3.00E-04	R4 Inverts	NA	500	Det	YES	--
OCPs	Chlordane (total)	mg/kg	19	0	--	1.80E-01	2.90E-03	R4 alpha-chlordane used as surrogate	NA	ND	60	YES	--
OCPs	Dieldrin	mg/kg	19	0	--	1.80E-02	4.90E-03	Eco-SSL Mammals	NA	ND	4	YES	--
OCPs	Endosulfan I	mg/kg	19	0	--	9.00E-03	9.00E-04	R4 Inverts	NA	ND	10	YES	--
OCPs	Endosulfan sulfate	mg/kg	19	0	--	1.80E-02	7.00E-04	R4 Inverts	NA	ND	30	YES	--
OCPs	Endrin	mg/kg	19	0	--	1.80E-02	1.40E-03	R4 Birds	NA	ND	10	YES	--
OCPs	Endrin aldehyde	mg/kg	19	0	--	1.80E-02	1.40E-03	R4 endrin used as surrogate	NA	ND	10	YES	--
OCPs	gamma-BHC	mg/kg	19	0	--	9.00E-03	3.10E-03	R4 Inverts	NA	ND	3	YES	--
OCPs	Heptachlor	mg/kg	19	0	--	4.80E-02	1.60E-03	R4 Inverts	NA	ND	30	YES	--
OCPs	Heptachlor epoxide	mg/kg	19	0	--	9.30E-03	1.50E-04	R4 Inverts	NA	ND	60	YES	--
OCPs	Hexachlorobenzene	mg/kg	27	6	4.10E-02	Det	7.90E-02	R4 Birds	NA	0.5	Det	No	Max HQ < 1
OCPs	Methoxychlor	mg/kg	19	0	--	8.90E-02	2.10E-03	R4 Inverts	NA	ND	40	YES	--
OCPs	Toxaphene	mg/kg	19	0	--	5.80E-01	1.50E-04	R4 Inverts	NA	ND	4,000	YES	--
OPPs	Chlorpyrifos	mg/kg	7	0	--	2.10E-02	3.00E-03	R4 Inverts	NA	ND	7	YES	--
OPPs	Diazinon	mg/kg	7	0	--	2.30E-02	3.70E-03	R4 Inverts	NA	ND	6	YES	--

TABLE 3-2b: Screening-Level Evaluation of Chemicals: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Maximum Detection	Maximum SQL	SLERA ESV	Source	Fail Statistical Testing for Background Consistency? (a)	MAX HQ	MAX SQL HQ	Retain for Further Evalation?	Rationale for Exclusion
OPPs	Dimethoate	mg/kg	7	1	9.10E-03	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
OPPs	Guthion	mg/kg	7	0	--	1.40E-02	6.00E-05	R4 Inverts	NA	ND	200	YES	--
OPPs	Malathion	mg/kg	7	0	--	1.60E-02	4.00E-05	R4 Inverts	NA	ND	400	YES	--
OPPs	Parathion	mg/kg	7	0	--	1.90E-02	1.90E-04	R4 Inverts	NA	ND	100	YES	--
OPPs	Stirophos	mg/kg	7	0	--	1.60E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV
PAHs	Calculated Total PAHs (ND=0.5DL)	mg/kg	27	12	4.00E-01	Det	1.10E+00	Eco-SSL HMW PAHs as surrogate	NA	0.4	Det	No	Max HQ < 1
PCBs	Aroclor-1260	mg/kg	6	0	--	3.50E-02	4.10E-02	R4 Birds	NA	ND	0.9	No	ND and SQLs≤ ESVs
PCBs	Calculated Aroclor-1254 (ND=0.5DL)	mg/kg	1	1	9.74E-04	Det	4.10E-02	R4 Birds	NA	0.02	Det	No	Max HQ < 1
PCBs	Calculated Aroclor-1260 (ND=0.5DL)	mg/kg	1	1	8.02E-04	Det	4.10E-02	R4 Birds	NA	0.02	Det	No	Max HQ < 1
PCBs	Calculated Total PCBs (ND=0.5DL)	mg/kg	1	1	9.65E-03	Det	4.10E-02	R4 Birds	NA	0.2	Det	No	Max HQ < 1
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	mg/kg	1	1	6.62E-07	Det	1.60E-05	R4 Birds as surrogate	NA	0.04	Det	No	Max HQ < 1
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	mg/kg	1	1	3.89E-07	Det	3.15E-06	R4 Mammals as surrogate	NA	0.1	Det	No	Max HQ < 1
SVOCs	2,4-Dichlorophenol	mg/kg	5	0	--	3.60E-02	5.00E-02	R4 Inverts	NA	ND	0.7	No	ND and SQLs≤ ESVs
SVOCs	2,4-Dimethylphenol	mg/kg	5	0	--	3.60E-02	4.00E-02	R4 Inverts	NA	ND	0.9	No	ND and SQLs≤ ESVs
SVOCs	2,4-Dinitrophenol	mg/kg	5	0	--	3.60E-01	6.10E-02	R4 Mammals	NA	ND	6	YES	--
SVOCs	2-Chloronaphthalene	mg/kg	5	0	--	3.60E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV
SVOCs	2-Chlorophenol	mg/kg	5	0	--	3.60E-02	6.00E-02	R4 Inverts	NA	ND	0.6	No	ND and SQLs≤ ESVs
SVOCs	2-Methylphenol	mg/kg	5	0	--	1.30E-01	1.00E-01	R4 Inverts	NA	ND	**1**	No	ND and SQLs≤ ESVs
SVOCs	2-Nitroaniline	mg/kg	5	0	--	3.60E-02	2.00E-02	R4 Inverts	NA	ND	2	YES	--
SVOCs	3&4-Methylphenol	mg/kg	5	0	--	7.20E-02	6.90E-01	LANL Min NOAEL TRV for 3-methylphenol was used as a surrogate.	NA	ND	0.1	No	ND and SQLs≤ ESVs
SVOCs	3,3'-Dichlorobenzidine	mg/kg	5	0	--	3.60E-02	3.00E-02	R4 Inverts	NA	ND	**1**	No	ND and SQLs≤ ESVs
SVOCs	4-Chloro-3-methylphenol	mg/kg	5	0	--	3.60E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV
SVOCs	4-Chloroaniline	mg/kg	5	0	--	3.60E-02	1.00E+00	R4 Plants	NA	ND	0.04	No	ND and SQLs≤ ESVs
SVOCs	Benzoic acid	mg/kg	5	0	--	3.60E-02	1.00E-02	R4 Inverts	NA	ND	4	YES	--
SVOCs	Benzyl alcohol	mg/kg	5	0	--	3.60E-02	2.00E-03	R4 Inverts	NA	ND	20	YES	--
SVOCs	bis(2-Ethylhexyl)phthalate	mg/kg	27	1	2.80E-01	Det	2.00E-02	R4 Birds	NA	10	Det	YES	--
SVOCs	Di-n-butylphthalate	mg/kg	27	12	1.10E-01	Det	1.10E-02	R4 Birds	NA	10	Det	YES	--
SVOCs	Hexachlorocyclopentadien	mg/kg	5	0	--	3.60E-01	1.00E-03	R4 Inverts	NA	ND	400	YES	--
SVOCs	Hexachloroethane	mg/kg	5	0	--	3.60E-02	2.40E-02	R4 Inverts	NA	ND	2	YES	--
SVOCs	Isophorone	mg/kg	5	0	--	3.60E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV
SVOCs	n-Nitrosodiphenylamine	mg/kg	5	0	--	3.60E-02	5.45E-01	R4 Mammals	NA	ND	0.07	No	ND and SQLs≤ ESVs
SVOCs	Octachlorostyrene	mg/kg	27	0	--	3.50E-01	NC	--	NA	ND	ND, No ESV	No	ND, No ESV
SVOCs	Pentachlorophenol	mg/kg	5	0	--	3.60E-01	2.10E+00	Eco-SSL Birds	NA	ND	0.2	No	ND and SQLs≤ ESVs
TPH	Oil Range Organics	mg/kg	19	1	1.30E+02	Det	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	NA	2	Det	YES	--
TPH	Total petroleum hydrocarbon-diesel	mg/kg	19	2	7.20E+01	Det	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	NA	0.9	Det	No	Max HQ < 1
VOCs	Acetone	mg/kg	27	21	2.70E-02	Det	4.00E-02	R4 Inverts	NA	0.7	Det	No	Max HQ < 1
VOCs	Bromodichloromethane	mg/kg	27	0	--	5.30E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV
VOCs	Bromomethane	mg/kg	27	0	--	1.10E-02	2.00E-03	R4 Inverts	NA	ND	6	YES	--
VOCs	Chloroform	mg/kg	27	0	--	5.30E-03	5.00E-02	R4 Inverts	NA	ND	0.1	No	ND and SQLs≤ ESVs
VOCs	Chloromethane	mg/kg	27	1	6.20E-04	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
VOCs	Ethyl tert-butyl ether	mg/kg	22	0	--	5.30E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV
VOCs	Methyl tert-butyl ether	mg/kg	27	0	--	5.30E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV
VOCs	tert Butyl alcohol	mg/kg	22	0	--	1.00E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV

TABLE 3-2b: Screening-Level Evaluation of Chemicals: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

(a) Background screening only applicable to metals and radionuclides (NDEP 2009c). Constituents marked as having a low detect frequency (LDF) in either the site or background datasets were visually evaluted using Quantile-Quantile (Q-Q) plots and boxplots. See Appendix E for details of background screening.

Notes:

= Number
% = Percent
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDD = Dichlorodiphenyldichloroethylene
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of DDT and its isomers
Det = Detected
DL = Detection limit
Eco-SSL = Ecological soil screening level
EFH = Extractable fuel hydrocarbons
EPN = O-Ethyl O-(4-nitrophenyl) phenylphosphonothioate
ESV = Ecological screening value
FOD = Frequency of detection
HMW = High molecular weight
HQ = Hazard quotient
Inverts = Invertebrates
LANL = Los Alamos National Laboratory
LDF = Low detection frequency
LMW = Low molecular weight
MAX = Maximum
mg/kg = Milligram per kilogram
Min = Minimum
NA = Not applicable
NC = No criteria
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
OPPs = Organophosphate pesticides
ORNL = Oak Ridge National Laboratory (ORNL 1997)
OU-1 = Operable Unit 1
PAHs = Polycyclic aromatic hydrocarbons
PCBs = Polychlorinated biphenyls
pci/g = Average picocuries per gram
R4 = Region 4 (USEPA 2018)
R6 = Region 6 (USEPA 1999)
RAD = Radionuclide compounds
SLERA = Screening level ecological risk assessment
SQL = Sample quantitation limit
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
TRV = Toxicity reference value
USEPA = United States Environmental Protection Agency
VOCs = Volatile organic compounds

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1,000	100 < HQ

References:

LANL 2020: N3B (Newport News Nuclear BWXT-Los Alamos, LLC), November 2020. "ECORISK Database (Release 4.2)," on CD, Newport News Nuclear BWXT-Los Alamos, LLC, document EM2020-0575, Los Alamos, New Mexico.

ORNL 1997: Efroymson, R.A. , M.E. Will, and G.W. Suter II. 1997. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, TN. ES/ER/TM-126/R2. (Available at http://www.esd.ornl.gov/programs/ecorisk/documents/tm126r21.pdf)

USEPA 1999: USEPA Region 6. 1999. Screening Level Ecological Risk Assessment Protocol for Hazardous Waste Combustion Facilities (EPA530-D-99-001A). August.

USEPA 2007: USEPA. 2007. Ecological Soil Screening Levels. http://www.epa.gov/oswer/riskassessment/ecorisk/ecossl.htm.

USEPA 2018: USEPA Region 4. 2018. "Region 4 Ecological Risk Assessment Supplemental Guidance". March.

TABLE 3-2c: Screening-Level Evaluation of Chemicals: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Maximum Detection	Maximum SQL	SLERA ESV	Source	Fail Statistical Testing for Background Consistency? (a)	MAX HQ	MAX SQL HQ	Retain for Further Evalation?	Rationale for Exclusion
Chlorine Oxyanions	Chlorate	mg/kg	9	4	1.57E+01	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
Chlorine Oxyanions	Perchlorate	mg/kg	21	21	1.69E+03	Det	1.20E-01	LANL Min NOAEL TRV	NA	10,000	Det	YES	--
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	mg/kg	22	20	4.26E-03	Det	1.60E-05	R4 Birds	NA	300	Det	YES	--
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	mg/kg	22	20	2.08E-03	Det	3.15E-06	R4 Mammals	NA	700	Det	YES	--
General Chemistry	Ammonia	mg/kg	6	2	7.11E+01	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
General Chemistry	Bromide	mg/kg	9	0	--	2.70E+00	NC	--	NA	ND	ND, No ESV	No	ND, No ESV
General Chemistry	Cyanide (total)	mg/kg	7	0	--	5.30E-01	9.80E-02	R4 Birds	NA	ND	5	YES	--
General Chemistry	Nitrate	mg/kg	9	9	2.28E+03	Det	NC	--	Yes	Det, No ESV	Det, No ESV	YES	--
General Chemistry	Nitrite	mg/kg	7	3	7.10E+00	Det	NC	--	LDF (Yes)	Det, No ESV	Det, No ESV	YES	--
General Chemistry	ortho-Phosphate	mg/kg	5	1	3.12E+01	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
General Chemistry	Sulfate	mg/kg	9	9	3.20E+02	Det	NC	--	Yes	Det, No ESV	Det, No ESV	YES	--
Metals	Antimony	mg/kg	9	5	1.90E-01	Det	2.70E-01	Eco-SSL Mammals	No	0.7	Det	No	Consistent with BKG
Metals	Arsenic	mg/kg	27	27	6.40E+00	Det	1.80E+01	Eco-SSL Plants	No	0.4	Det	No	Consistent with BKG
Metals	Boron	mg/kg	9	9	7.30E+00	Det	2.00E+00	R4 Birds	No	4	Det	No	Consistent with BKG
Metals	Cadmium	mg/kg	9	9	1.90E-01	Det	3.60E-01	Eco-SSL Mammals	LDF (No)	0.5	Det	No	Consistent with BKG
Metals	Chromium (total)	mg/kg	9	9	2.71E+01	Det	2.60E+01	Eco-SSL Birds	No	**1**	Det	No	Consistent with BKG
Metals	Cobalt	mg/kg	9	9	7.80E+00	Det	1.30E+01	Eco-SSL Plants	No	0.6	Det	No	Consistent with BKG
Metals	Copper	mg/kg	9	9	2.21E+01	Det	2.80E+01	Eco-SSL Birds	No	0.8	Det	No	Consistent with BKG
Metals	Iron	mg/kg	9	9	1.62E+04	Det	2.00E+02	ORNL Microbes	No	80	Det	No	Consistent with BKG
Metals	Lead	mg/kg	10	10	1.10E+01	Det	1.10E+01	Eco-SSL Birds	No	**1**	Det	No	Consistent with BKG
Metals	Magnesium	mg/kg	9	9	1.19E+04	Det	NC	--	No	Det, No ESV	Det, No ESV	No	Consistent with BKG
Metals	Manganese	mg/kg	10	10	1.50E+03	Det	2.20E+02	Eco-SSL Plants	No	7	Det	No	Consistent with BKG
Metals	Mercury	mg/kg	10	7	3.10E-01	Det	1.30E-02	R4 Birds	No	20	Det	No	Consistent with BKG
Metals	Molybdenum	mg/kg	9	9	9.70E-01	Det	2.00E+00	R4 Plants	No	0.5	Det	No	Consistent with BKG
Metals	Selenium	mg/kg	9	1	1.00E+00	Det	5.20E-01	Eco-SSL Plants	LDF (No)	2	Det	No	Consistent with BKG
Metals	Sulfur	mg/kg	2	1	4.51E+02	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
Metals	Vanadium	mg/kg	9	9	4.50E+01	Det	7.80E+00	Eco-SSL Birds	No	6	Det	No	Consistent with BKG
OCPs	2,4'-DDE	mg/kg	2	0	--	9.50E-05	2.10E-02	Eco-SSL Mammals	NA	ND	0.005	No	ND and SQLs≤ ESVs
OCPs	4,4'-DDE	mg/kg	6	2	6.50E-02	Det	2.10E-02	Eco-SSL Mammals	NA	3	Det	YES	--
OCPs	4,4'-DDT	mg/kg	6	2	5.70E-02	Det	2.10E-02	Eco-SSL Mammals	NA	3	Det	YES	--
OCPs	Calculated DDx (ND=0.5DL)	mg/kg	6	2	1.27E-01	Det	2.10E-02	Eco-SSL Mammals	NA	6	Det	YES	--
OCPs	alpha-BHC	mg/kg	6	0	--	2.00E-02	3.00E-04	R4 Inverts	NA	ND	70	YES	--
OCPs	alpha-Chlordane	mg/kg	6	0	--	2.00E-02	2.90E-03	R4 Inverts	NA	ND	7	YES	--
OCPs	beta-BHC	mg/kg	6	4	5.20E-02	Det	3.00E-04	R4 Inverts	NA	200	Det	YES	--
OCPs	Chlordane (total)	mg/kg	5	0	--	1.20E-01	2.90E-03	R4 alpha-chlordane used as surrogate	NA	ND	40	YES	--
OCPs	Dieldrin	mg/kg	6	0	--	2.00E-02	4.90E-03	Eco-SSL Mammals	NA	ND	4	YES	--
OCPs	Endosulfan I	mg/kg	6	0	--	2.00E-02	9.00E-04	R4 Inverts	NA	ND	20	YES	--
OCPs	Endosulfan sulfate	mg/kg	6	0	--	2.00E-02	7.00E-04	R4 Inverts	NA	ND	30	YES	--
OCPs	Endrin	mg/kg	6	0	--	2.00E-02	1.40E-03	R4 Birds	NA	ND	10	YES	--
OCPs	Endrin aldehyde	mg/kg	6	0	--	2.00E-02	1.40E-03	R4 endrin used as surrogate	NA	ND	10	YES	--
OCPs	gamma-BHC	mg/kg	6	0	--	2.00E-02	3.10E-03	R4 Inverts	NA	ND	6	YES	--
OCPs	Heptachlor	mg/kg	6	0	--	2.00E-02	1.60E-03	R4 Inverts	NA	ND	10	YES	--
OCPs	Heptachlor epoxide	mg/kg	6	0	--	2.00E-02	1.50E-04	R4 Inverts	NA	ND	100	YES	--
OCPs	Hexachlorobenzene	mg/kg	29	17	7.60E-01	Det	7.90E-02	R4 Birds	NA	10	Det	YES	--
OCPs	Methoxychlor	mg/kg	6	0	--	3.90E-02	2.10E-03	R4 Inverts	NA	ND	20	YES	--
OCPs	Toxaphene	mg/kg	6	0	--	5.90E-01	1.50E-04	R4 Inverts	NA	ND	4,000	YES	--
OPPs	Chlorpyrifos	mg/kg	2	0	--	2.10E-02	3.00E-03	R4 Inverts	NA	ND	7	YES	--
OPPs	Diazinon	mg/kg	2	0	--	2.30E-02	3.70E-03	R4 Inverts	NA	ND	6	YES	--

TABLE 3-2c: Screening-Level Evaluation of Chemicals: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	# Samples	# Detects	Maximum Detection	Maximum SQL	SLERA ESV	Source	Fail Statistical Testing for Background Consistency? (a)	MAX HQ	MAX SQL HQ	Retain for Further Evalation?	Rationale for Exclusion
OPPs	Dimethoate	mg/kg	2	0	--	2.30E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV
OPPs	Guthion	mg/kg	2	0	--	1.40E-02	6.00E-05	R4 Inverts	NA	ND	200	YES	--
OPPs	Malathion	mg/kg	2	0	--	1.60E-02	4.00E-05	R4 Inverts	NA	ND	400	YES	--
OPPs	Parathion	mg/kg	2	0	--	1.90E-02	1.90E-04	R4 Inverts	NA	ND	100	YES	--
OPPs	Stirophos	mg/kg	2	0	--	1.60E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV
PAHs	Calculated Total PAHs (ND=0.5DL)	mg/kg	28	3	4.97E-01	Det	1.10E+00	Eco-SSL HMW PAHs as surrogate	NA	0.5	Det	No	Max HQ < 1
PCBs	Aroclor-1260	mg/kg	4	0	--	3.90E-02	4.10E-02	R4 Birds	NA	ND	**1**	No	ND and SQLs≤ ESVs
PCBs	Calculated Aroclor-1254 (ND=0.5DL)	mg/kg	1	1	7.49E-04	Det	4.10E-02	R4 Birds	NA	0.02	Det	No	Max HQ < 1
PCBs	Calculated Aroclor-1260 (ND=0.5DL)	mg/kg	1	1	5.94E-04	Det	4.10E-02	R4 Birds	NA	0.01	Det	No	Max HQ < 1
PCBs	Calculated Total PCBs (ND=0.5DL)	mg/kg	1	1	3.72E-03	Det	4.10E-02	R4 Birds	NA	0.09	Det	No	Max HQ < 1
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	mg/kg	1	1	3.15E-07	Det	1.60E-05	R4 Birds as surrogate	NA	0.02	Det	No	Max HQ < 1
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	mg/kg	1	1	1.38E-07	Det	3.15E-06	R4 Mammals as surrogate	NA	0.04	Det	No	Max HQ < 1
SVOCs	2,4-Dichlorophenol	mg/kg	2	0	--	3.50E-02	5.00E-02	R4 Inverts	NA	ND	0.7	No	ND and SQLs≤ ESVs
SVOCs	2,4-Dimethylphenol	mg/kg	2	0	--	3.50E-02	4.00E-02	R4 Inverts	NA	ND	0.9	No	ND and SQLs≤ ESVs
SVOCs	2,4-Dinitrophenol	mg/kg	2	0	--	3.50E-01	6.10E-02	R4 Mammals	NA	ND	6	YES	--
SVOCs	2-Chloronaphthalene	mg/kg	2	0	--	3.50E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV
SVOCs	2-Chlorophenol	mg/kg	2	0	--	3.50E-02	6.00E-02	R4 Inverts	NA	ND	0.6	No	ND and SQLs≤ ESVs
SVOCs	2-Methylphenol	mg/kg	2	0	--	1.30E-01	1.00E-01	R4 Inverts	NA	ND	**1**	No	ND and SQLs≤ ESVs
SVOCs	2-Nitroaniline	mg/kg	2	0	--	3.50E-02	2.00E-02	R4 Inverts	NA	ND	2	YES	--
SVOCs	3&4-Methylphenol	mg/kg	2	0	--	7.10E-02	6.90E-01	LANL Min NOAEL TRV for 3-methylphenol was used as a surrogate.	NA	ND	0.1	No	ND and SQLs≤ ESVs
SVOCs	3,3'-Dichlorobenzidine	mg/kg	2	0	--	3.50E-02	3.00E-02	R4 Inverts	NA	ND	**1**	No	ND and SQLs≤ ESVs
SVOCs	4-Chloro-3-methylphenol	mg/kg	2	0	--	3.50E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV
SVOCs	4-Chloroaniline	mg/kg	2	0	--	3.50E-02	1.00E+00	R4 Plants	NA	ND	0.04	No	ND and SQLs≤ ESVs
SVOCs	Benzoic acid	mg/kg	2	0	--	3.50E-02	1.00E-02	R4 Inverts	NA	ND	4	YES	--
SVOCs	Benzyl alcohol	mg/kg	2	0	--	3.50E-02	2.00E-03	R4 Inverts	NA	ND	20	YES	--
SVOCs	bis(2-Ethylhexyl)phthalate	mg/kg	28	4	1.90E-01	Det	2.00E-02	R4 Birds	NA	10	Det	YES	--
SVOCs	Di-n-butylphthalate	mg/kg	28	4	6.50E-01	Det	1.10E-02	R4 Birds	NA	60	Det	YES	--
SVOCs	Hexachlorocyclopentadien	mg/kg	2	0	--	3.50E-01	1.00E-03	R4 Inverts	NA	ND	400	YES	--
SVOCs	Hexachloroethane	mg/kg	2	0	--	3.50E-02	2.40E-02	R4 Inverts	NA	ND	**1**	No	ND and SQLs≤ ESVs
SVOCs	Isophorone	mg/kg	2	0	--	3.50E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV
SVOCs	n-Nitrosodiphenylamine	mg/kg	2	0	--	3.50E-02	5.45E-01	R4 Mammals	NA	ND	0.06	No	ND and SQLs≤ ESVs
SVOCs	Octachlorostyrene	mg/kg	28	6	6.80E-01	Det	NC	--	NA	Det, No ESV	Det, No ESV	YES	--
SVOCs	Pentachlorophenol	mg/kg	2	0	--	3.50E-01	2.10E+00	Eco-SSL Birds	NA	ND	0.2	No	ND and SQLs≤ ESVs
TPH	Oil Range Organics	mg/kg	3	0	--	4.30E+01	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	NA	ND	0.5	No	ND and SQLs≤ ESVs
TPH	Total petroleum hydrocarbon-diesel	mg/kg	3	0	--	4.30E+01	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	NA	ND	0.5	No	ND and SQLs≤ ESVs
VOCs	Acetone	mg/kg	9	5	1.40E-02	Det	4.00E-02	R4 Inverts	NA	0.4	Det	No	Max HQ < 1
VOCs	Bromodichloromethane	mg/kg	9	0	--	5.90E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV
VOCs	Bromomethane	mg/kg	9	0	--	1.20E-02	2.00E-03	R4 Inverts	NA	ND	6	YES	--
VOCs	Chloroform	mg/kg	9	3	1.30E-03	Det	5.00E-02	R4 Inverts	NA	0.03	Det	No	Max HQ < 1
VOCs	Chloromethane	mg/kg	9	0	--	5.90E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV
VOCs	Ethyl tert-butyl ether	mg/kg	7	0	--	5.90E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV
VOCs	Methyl tert-butyl ether	mg/kg	9	0	--	5.90E-03	NC	--	NA	ND	ND, No ESV	No	ND, No ESV
VOCs	tert Butyl alcohol	mg/kg	7	0	--	1.30E-02	NC	--	NA	ND	ND, No ESV	No	ND, No ESV

TABLE 3-2c: Screening-Level Evaluation of Chemicals: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

(a) Background screening only applicable to metals and radionuclides (NDEP 2009c). Constituents marked as having a low detect frequency (LDF) in either the site or background datasets were visually evaluted using Quantile-Quantile (Q-Q) plots and boxplots. See Appendix E for details of background screening.

Notes:

= Number
% = Percent
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDD = Dichlorodiphenyldichloroethylene
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of DDT and its isomers
Det = Detected
DL = Detection limit
Eco-SSL = Ecological soil screening level
EFH = Extractable fuel hydrocarbons
EPN = O-Ethyl O-(4-nitrophenyl) phenylphosphonothioate
ESV = Ecological screening value
FOD = Frequency of detection
HMW = High molecular weight
HQ = Hazard quotient
Inverts = Invertebrates
LANL = Los Alamos National Laboratory
LDF = Low detection frequency
LMW = Low molecular weight
MAX = Maximum
mg/kg = Milligram per kilogram
Min = Minimum
NA = Not applicable
NC = No criteria
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
OPPs = Organophosphate pesticides
ORNL = Oak Ridge National Laboratory (ORNL 1997)
OU-1 = Operable Unit 1
PAHs = Polycyclic aromatic hydrocarbons
PCBs = Polychlorinated biphenyls
pci/g = Average picocuries per gram
R4 = Region 4 (USEPA 2018)
R6 = Region 6 (USEPA 1999)
RAD = Radionuclide compounds
SLERA = Screening level ecological risk assessment
SQL = Sample quantitation limit
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
TRV = Toxicity reference value
USEPA = United States Environmental Protection Agency
VOCs = Volatile organic compounds

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1,000	100 < HQ

References:

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TABLE 3-3a: Summary of Constituents Retained for Further Analysis: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	MAX HQ	MAX SQL HQ	Rational for Retaining Chemical for Further Quantitative Evaluation in Section 4
Chlorine Oxyanions	Perchlorate	40,000	Det	Max HQ >1
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	10,000	Det	Max HQ >1
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	3,000	Det	Max HQ >1
OCPs	beta-BHC	3,000	Det	Max HQ >1
Metals	Manganese	1,000	Det	Max HQ > 1, Inconsistent with BKG
Metals	Boron	800	Det	Max HQ > 1, Inconsistent with BKG
Metals	Iron	700	Det	Max HQ > 1, Inconsistent with BKG
OCPs	4,4'-DDE	200	Det	Max HQ >1
OCPs	Calculated DDx (ND=0.5DL)	200	Det	Max HQ >1
SVOCs	Di-n-butylphthalate	200	Det	Max HQ >1
Metals	Mercury	100	Det	Max HQ > 1, Inconsistent with BKG
OCPs	Methoxychlor	100	Det	Max HQ >1
OCPs	Hexachlorobenzene	60	Det	Max HQ >1
OCPs	4,4'-DDT	40	Det	Max HQ >1
SVOCs	bis(2-Ethylhexyl)phthalate	40	Det	Max HQ >1
Metals	Cadmium	20	Det	Max HQ > 1, Inconsistent with BKG
Metals	Cobalt	20	Det	Max HQ > 1, Inconsistent with BKG
Metals	Lead	20	Det	Max HQ > 1, Inconsistent with BKG
Metals	Molybdenum	20	Det	Max HQ > 1, Inconsistent with BKG
OCPs	alpha-BHC	20	Det	Max HQ >1
PCBs	Calculated Total PCBs (ND=0.5DL)	20	Det	Max HQ >1
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	20	Det	Max HQ >1
TPH	EFH (C10-C40)	10	Det	Max HQ >1
Metals	Antimony	9	Det	Max HQ > 1, Inconsistent with BKG
Metals	Vanadium	9	Det	Max HQ > 1, Inconsistent with BKG
TPH	Petroleum Hydrocarbons (C29-C40)	8	Det	Max HQ >1
Metals	Selenium	7	Det	Max HQ > 1, Inconsistent with BKG
PCBs	Aroclor-1260	7	Det	Max HQ >1
PCBs	Calculated Aroclor-1260 (ND=0.5DL)	7	Det	Max HQ >1
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	7	Det	Max HQ >1
Metals	Chromium (total)	4	Det	Max HQ > 1, Inconsistent with BKG
Metals	Copper	4	Det	Max HQ > 1, Inconsistent with BKG
OCPs	Endrin	4	Det	Max HQ >1
TPH	Total petroleum hydrocarbon-diesel	4	Det	Max HQ >1
PCBs	Calculated Aroclor-1254 (ND=0.5DL)	3	Det	Max HQ >1
SVOCs	2-Chlorophenol	3	Det	Max HQ >1
VOCs	Acetone	3	Det	Max HQ >1
VOCs	Chloroform	3	Det	Max HQ >1
Metals	Arsenic	2	Det	Max HQ > 1, Inconsistent with BKG
OCPs	2,4'-DDE	2	Det	Max HQ >1
PAHs	Calculated Total PAHs (ND=0.5DL)	2	Det	Max HQ >1
SVOCs	3&4-Methylphenol	2	Det	Max HQ >1
TPH	Oil Range Organics	2	Det	Max HQ >1
Chlorine Oxyanions	Chlorate	Det, No ESV	Det, No ESV	No ESV
General Chemistry	Ammonia	Det, No ESV	Det, No ESV	No ESV
General Chemistry	Bromide	Det, No ESV	Det, No ESV	No ESV
General Chemistry	Nitrate	Det, No ESV	Det, No ESV	No ESV, Inconsistent with BKG
General Chemistry	Nitrate/Nitrite	Det, No ESV	Det, No ESV	No ESV
General Chemistry	Nitrite	Det, No ESV	Det, No ESV	No ESV, Inconsistent with BKG
General Chemistry	ortho-Phosphate	Det, No ESV	Det, No ESV	No ESV
General Chemistry	Sulfate	Det, No ESV	Det, No ESV	No ESV, Inconsistent with BKG
Metals	Magnesium	Det, No ESV	Det, No ESV	No ESV, Inconsistent with BKG
Metals	Sulfur	Det, No ESV	Det, No ESV	No ESV
OPPs	Dimethoate	Det, No ESV	Det, No ESV	No ESV
OPPs	Stirophos	Det, No ESV	Det, No ESV	No ESV
SVOCs	2-Chloronaphthalene	Det, No ESV	Det, No ESV	No ESV
SVOCs	4-Chloro-3-methylphenol	Det, No ESV	Det, No ESV	No ESV
SVOCs	Isophorone	Det, No ESV	Det, No ESV	No ESV
SVOCs	Octachlorostyrene	Det, No ESV	Det, No ESV	No ESV
VOCs	Bromodichloromethane	Det, No ESV	Det, No ESV	No ESV

TABLE 3-3a: Summary of Constituents Retained for Further Analysis: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	MAX HQ	MAX SQL HQ	Rational for Retaining Chemical for Further Quantitative Evaluation in Section 4
VOCs	Chloromethane	Det, No ESV	Det, No ESV	No ESV
VOCs	Ethyl tert-butyl ether	Det, No ESV	Det, No ESV	No ESV
VOCs	Formaldehyde	Det, No ESV	Det, No ESV	No ESV
VOCs	Methyl tert-butyl ether	Det, No ESV	Det, No ESV	No ESV
VOCs	tert Butyl alcohol	Det, No ESV	Det, No ESV	No ESV
OCPs	Toxaphene	ND	10,000	ND, SQL > ESV
SVOCs	Hexachlorocyclopentadiene	ND	4,000	ND, SQL > ESV
SVOCs	Benzyl alcohol	ND	2,000	ND, SQL > ESV
SVOCs	Benzoic acid	ND	1,000	ND, SQL > ESV
OPPs	Malathion	ND	500	ND, SQL > ESV
OCPs	Heptachlor epoxide	ND	300	ND, SQL > ESV
OPPs	Atrazine	ND	300	ND, SQL > ESV
OPPs	Guthion	ND	300	ND, SQL > ESV
SVOCs	2,4-Dinitrophenol	ND	200	ND, SQL > ESV
SVOCs	3,3'-Dichlorobenzidine	ND	200	ND, SQL > ESV
SVOCs	Hexachloroethane	ND	200	ND, SQL > ESV
OCPs	Endosulfan sulfate	ND	100	ND, SQL > ESV
OPPs	Parathion	ND	100	ND, SQL > ESV
SVOCs	2,4-Dimethylphenol	ND	100	ND, SQL > ESV
SVOCs	2-Nitroaniline	ND	100	ND, SQL > ESV
VOCs	Ethylene glycol	ND	100	ND, SQL > ESV
OCPs	Chlordane (total)	ND	80	ND, SQL > ESV
OCPs	Endrin aldehyde	ND	60	ND, SQL > ESV
OCPs	Endosulfan I	ND	50	ND, SQL > ESV
SVOCs	2,4-Dichlorophenol	ND	40	ND, SQL > ESV
OCPs	Heptachlor	ND	30	ND, SQL > ESV
SVOCs	2-Methylphenol	ND	30	ND, SQL > ESV
OCPs	alpha-Chlordane	ND	20	ND, SQL > ESV
OCPs	Dieldrin	ND	20	ND, SQL > ESV
OCPs	gamma-BHC	ND	20	ND, SQL > ESV
OPPs	Chlorpyrifos	ND	8	ND, SQL > ESV
OPPs	Diazinon	ND	7	ND, SQL > ESV
General Chemistry	Cyanide (total)	ND	6	ND, SQL > ESV
VOCs	Bromomethane	ND	6	ND, SQL > ESV
SVOCs	n-Nitrosodiphenylamine	ND	5	ND, SQL > ESV
SVOCs	Pentachlorophenol	ND	5	ND, SQL > ESV
SVOCs	4-Chloroaniline	ND	4	ND, SQL > ESV
OPPs	Simazine	ND	3	ND, SQL > ESV

Notes:
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins and furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
Det = Detected
DL = Detection limit
EFH = Extractable fuel hydrocarbons
ESV = Ecological screening value
HQ = Hazard quotient
MAX = Maximum
ND - Not detected
OCPs = Organochlorine pesticides
OPPs = Organophosphate pesticides
PAHs = Polycyclic aromatic hydrocarbons
PCBs = Polychlorinated biphenyls
SQL = Sample quantitation limit
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
VOCs = Volatile organic compounds

TABLE 3-3b: Summary of Constituents Retained for Further Analysis: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	MAX HQ	MAX SQL HQ	Rational for Retaining Chemical for Further Quantitative Evaluation in Section 4
Chlorine Oxyanions	Perchlorate	40,000	Det	Max HQ >1
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	10,000	Det	Max HQ >1
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	3,000	Det	Max HQ >1
OCPs	beta-BHC	3,000	Det	Max HQ >1
Metals	Manganese	1,000	Det	Max HQ > 1, Inconsistent with BKG
Metals	Boron	800	Det	Max HQ > 1, Inconsistent with BKG
Metals	Iron	700	Det	Max HQ > 1, Inconsistent with BKG
OCPs	4,4'-DDE	200	Det	Max HQ >1
OCPs	Calculated DDx (ND=0.5DL)	200	Det	Max HQ >1
SVOCs	Di-n-butylphthalate	200	Det	Max HQ >1
Metals	Mercury	100	Det	Max HQ > 1, Inconsistent with BKG
OCPs	Methoxychlor	100	Det	Max HQ >1
OCPs	Hexachlorobenzene	60	Det	Max HQ >1
OCPs	4,4'-DDT	40	Det	Max HQ >1
SVOCs	bis(2-Ethylhexyl)phthalate	40	Det	Max HQ >1
Metals	Cobalt	20	Det	Max HQ > 1, Inconsistent with BKG
Metals	Lead	20	Det	Max HQ > 1, Inconsistent with BKG
Metals	Molybdenum	20	Det	Max HQ > 1, Inconsistent with BKG
OCPs	alpha-BHC	20	Det	Max HQ >1
PCBs	Calculated Total PCBs (ND=0.5DL)	20	Det	Max HQ >1
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	20	Det	Max HQ >1
TPH	EFH (C10-C40)	10	Det	Max HQ >1
Metals	Antimony	9	Det	Max HQ > 1, Inconsistent with BKG
Metals	Vanadium	9	Det	Max HQ > 1, Inconsistent with BKG
TPH	Petroleum Hydrocarbons (C29-C40)	8	Det	Max HQ >1
Metals	Selenium	7	Det	Max HQ > 1, Inconsistent with BKG
PCBs	Aroclor-1260	7	Det	Max HQ >1
PCBs	Calculated Aroclor-1260 (ND=0.5DL)	7	Det	Max HQ >1
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	7	Det	Max HQ >1
Metals	Cadmium	4	Det	Max HQ > 1, Inconsistent with BKG
Metals	Chromium (total)	4	Det	Max HQ > 1, Inconsistent with BKG
Metals	Copper	4	Det	Max HQ > 1, Inconsistent with BKG
OCPs	Endrin	4	Det	Max HQ >1
TPH	Total petroleum hydrocarbon-diesel	4	Det	Max HQ >1
PCBs	Calculated Aroclor-1254 (ND=0.5DL)	3	Det	Max HQ >1
SVOCs	2-Chlorophenol	3	Det	Max HQ >1
VOCs	Acetone	3	Det	Max HQ >1
VOCs	Chloroform	3	Det	Max HQ >1
Metals	Arsenic	2	Det	Max HQ > 1, Inconsistent with BKG
OCPs	2,4'-DDE	2	Det	Max HQ >1
PAHs	Calculated Total PAHs (ND=0.5DL)	2	Det	Max HQ >1
SVOCs	3&4-Methylphenol	2	Det	Max HQ >1
Chlorine Oxyanions	Chlorate	Det, No ESV	Det, No ESV	No ESV
General Chemistry	Ammonia	Det, No ESV	Det, No ESV	No ESV
General Chemistry	Bromide	Det, No ESV	Det, No ESV	No ESV
General Chemistry	Nitrate	Det, No ESV	Det, No ESV	No ESV, Inconsistent with BKG
General Chemistry	Nitrate/Nitrite	Det, No ESV	Det, No ESV	No ESV
General Chemistry	Nitrite	Det, No ESV	Det, No ESV	No ESV, Inconsistent with BKG
General Chemistry	ortho-Phosphate	Det, No ESV	Det, No ESV	No ESV
General Chemistry	Sulfate	Det, No ESV	Det, No ESV	No ESV, Inconsistent with BKG
Metals	Magnesium	Det, No ESV	Det, No ESV	No ESV, Inconsistent with BKG
Metals	Sulfur	Det, No ESV	Det, No ESV	No ESV
OPPs	Stirophos	Det, No ESV	Det, No ESV	No ESV
SVOCs	2-Chloronaphthalene	Det, No ESV	Det, No ESV	No ESV
SVOCs	4-Chloro-3-methylphenol	Det, No ESV	Det, No ESV	No ESV
SVOCs	Isophorone	Det, No ESV	Det, No ESV	No ESV
SVOCs	Octachlorostyrene	Det, No ESV	Det, No ESV	No ESV
VOCs	Bromodichloromethane	Det, No ESV	Det, No ESV	No ESV
VOCs	Ethyl tert-butyl ether	Det, No ESV	Det, No ESV	No ESV
VOCs	Formaldehyde	Det, No ESV	Det, No ESV	No ESV

TABLE 3-3b: Summary of Constituents Retained for Further Analysis: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	MAX HQ	MAX SQL HQ	Rational for Retaining Chemical for Further Quantitative Evaluation in Section 4
VOCs	Methyl tert-butyl ether	Det, No ESV	Det, No ESV	No ESV
VOCs	tert Butyl alcohol	Det, No ESV	Det, No ESV	No ESV
OCPs	Toxaphene	ND	10,000	ND, SQL > ESV
SVOCs	Hexachlorocyclopentadiene	ND	4,000	ND, SQL > ESV
SVOCs	Benzyl alcohol	ND	2,000	ND, SQL > ESV
SVOCs	Benzoic acid	ND	1,000	ND, SQL > ESV
OPPs	Malathion	ND	500	ND, SQL > ESV
OCPs	Heptachlor epoxide	ND	300	ND, SQL > ESV
OPPs	Atrazine	ND	300	ND, SQL > ESV
OPPs	Guthion	ND	300	ND, SQL > ESV
SVOCs	2,4-Dinitrophenol	ND	200	ND, SQL > ESV
SVOCs	3,3'-Dichlorobenzidine	ND	200	ND, SQL > ESV
SVOCs	Hexachloroethane	ND	200	ND, SQL > ESV
OCPs	Endosulfan sulfate	ND	100	ND, SQL > ESV
OPPs	Parathion	ND	100	ND, SQL > ESV
SVOCs	2,4-Dimethylphenol	ND	100	ND, SQL > ESV
SVOCs	2-Nitroaniline	ND	100	ND, SQL > ESV
VOCs	Ethylene glycol	ND	100	ND, SQL > ESV
OCPs	Chlordane (total)	ND	80	ND, SQL > ESV
OCPs	Endrin aldehyde	ND	60	ND, SQL > ESV
OCPs	Endosulfan I	ND	50	ND, SQL > ESV
SVOCs	2,4-Dichlorophenol	ND	40	ND, SQL > ESV
OCPs	Heptachlor	ND	30	ND, SQL > ESV
SVOCs	2-Methylphenol	ND	30	ND, SQL > ESV
OCPs	alpha-Chlordane	ND	20	ND, SQL > ESV
OCPs	Dieldrin	ND	20	ND, SQL > ESV
OCPs	gamma-BHC	ND	20	ND, SQL > ESV
OPPs	Chlorpyrifos	ND	8	ND, SQL > ESV
OPPs	Diazinon	ND	7	ND, SQL > ESV
General Chemistry	Cyanide (total)	ND	6	ND, SQL > ESV
VOCs	Bromomethane	ND	6	ND, SQL > ESV
SVOCs	n-Nitrosodiphenylamine	ND	5	ND, SQL > ESV
SVOCs	Pentachlorophenol	ND	5	ND, SQL > ESV
SVOCs	4-Chloroaniline	ND	4	ND, SQL > ESV
OPPs	Simazine	ND	3	ND, SQL > ESV

Notes:

BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins and furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
Det = Detected
DL = Detection limit
EFH = Extractable fuel hydrocarbons
ESV = Ecological screening value
HQ = Hazard quotient
MAX = Maximum
ND - Not detected
OCPs = Organochlorine pesticides
OPPs = Organophosphate pesticides
PAHs = Polycyclic aromatic hydrocarbons
PCBs = Polychlorinated biphenyls
SQL = Sample quantitation limit
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
VOCs = Volatile organic compounds

TABLE 3-3c: Summary of Constituents Retained for Further Analysis: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	MAX HQ	MAX SQL HQ	Rational for Retaining Chemical for Further Quantitative Evaluation in Section 4
OCPs	beta-BHC	500	Det	Max HQ >1
Chlorine Oxyanions	Perchlorate	300	Det	Max HQ >1
Metals	Iron	200	Det	Max HQ > 1, Inconsistent with BKG
OCPs	Calculated DDx (ND=0.5DL)	70	Det	Max HQ >1
Metals	Boron	60	Det	Max HQ > 1, Inconsistent with BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	50	Det	Max HQ >1
OCPs	4,4'-DDE	40	Det	Max HQ >1
OCPs	4,4'-DDT	30	Det	Max HQ >1
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	20	Det	Max HQ >1
Metals	Cadmium	20	Det	Max HQ > 1, Inconsistent with BKG
SVOCs	Di-n-butylphthalate	10	Det	Max HQ >1
SVOCs	bis(2-Ethylhexyl)phthalate	10	Det	Max HQ >1
Metals	Lead	10	Det	Max HQ > 1, Inconsistent with BKG
Metals	Antimony	8	Det	Max HQ > 1, Inconsistent with BKG
OCPs	2,4'-DDE	2	Det	Max HQ >1
TPH	Oil Range Organics	2	Det	Max HQ >1
Chlorine Oxyanions	Chlorate	Det, No ESV	Det, No ESV	No ESV
General Chemistry	Ammonia	Det, No ESV	Det, No ESV	No ESV
General Chemistry	Bromide	Det, No ESV	Det, No ESV	No ESV
General Chemistry	Nitrate	Det, No ESV	Det, No ESV	No ESV, Inconsistent with BKG
General Chemistry	ortho-Phosphate	Det, No ESV	Det, No ESV	No ESV
General Chemistry	Sulfate	Det, No ESV	Det, No ESV	No ESV, Inconsistent with BKG
Metals	Sulfur	Det, No ESV	Det, No ESV	No ESV
OPPs	Dimethoate	Det, No ESV	Det, No ESV	No ESV
VOCs	Chloromethane	Det, No ESV	Det, No ESV	No ESV
OCPs	Toxaphene	ND	4,000	ND, SQL > ESV
SVOCs	Hexachlorocyclopentadiene	ND	400	ND, SQL > ESV
OPPs	Malathion	ND	400	ND, SQL > ESV
OPPs	Guthion	ND	200	ND, SQL > ESV
OPPs	Parathion	ND	100	ND, SQL > ESV
OCPs	Heptachlor epoxide	ND	60	ND, SQL > ESV
OCPs	Chlordane (total)	ND	60	ND, SQL > ESV
OCPs	Methoxychlor	ND	40	ND, SQL > ESV
OCPs	alpha-BHC	ND	30	ND, SQL > ESV
OCPs	Endosulfan sulfate	ND	30	ND, SQL > ESV
OCPs	Heptachlor	ND	30	ND, SQL > ESV
SVOCs	Benzyl alcohol	ND	20	ND, SQL > ESV
OCPs	Endrin	ND	10	ND, SQL > ESV
OCPs	Endrin aldehyde	ND	10	ND, SQL > ESV
OCPs	Endosulfan I	ND	10	ND, SQL > ESV
OPPs	Chlorpyrifos	ND	7	ND, SQL > ESV
SVOCs	2,4-Dinitrophenol	ND	6	ND, SQL > ESV
OPPs	Diazinon	ND	6	ND, SQL > ESV
VOCs	Bromomethane	ND	6	ND, SQL > ESV
General Chemistry	Cyanide (total)	ND	5	ND, SQL > ESV
SVOCs	Benzoic acid	ND	4	ND, SQL > ESV
OCPs	Dieldrin	ND	4	ND, SQL > ESV
OCPs	alpha-Chlordane	ND	3	ND, SQL > ESV
OCPs	gamma-BHC	ND	3	ND, SQL > ESV
SVOCs	Hexachloroethane	ND	2	ND, SQL > ESV
SVOCs	2-Nitroaniline	ND	2	ND, SQL > ESV

Notes:
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins and furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
Det = Detected
DL = Detection limit
ESV = Ecological screening value
HQ = Hazard quotient
MAX = Maximum
ND - Not detected
OCPs = Organochlorine pesticides
OPPs = Organophosphate pesticides
SQL = Sample quantitation limit
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
VOCs = Volatile organic compounds

TABLE 3-3d: Summary of Constituents Retained for Further Analysis: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	MAX HQ	MAX SQL HQ	Rational for Retaining Chemical for Further Quantitative Evaluation in Section 4
Chlorine Oxyanions	Perchlorate	10,000	Det	Max HQ >1
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	700	Det	Max HQ >1
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	300	Det	Max HQ >1
OCPs	beta-BHC	200	Det	Max HQ >1
SVOCs	Di-n-butylphthalate	60	Det	Max HQ >1
SVOCs	bis(2-Ethylhexyl)phthalate	10	Det	Max HQ >1
OCPs	Hexachlorobenzene	10	Det	Max HQ >1
OCPs	Calculated DDx (ND=0.5DL)	6	Det	Max HQ >1
OCPs	4,4'-DDE	3	Det	Max HQ >1
OCPs	4,4'-DDT	3	Det	Max HQ >1
Chlorine Oxyanions	Chlorate	Det, No ESV	Det, No ESV	No ESV
General Chemistry	Ammonia	Det, No ESV	Det, No ESV	No ESV
General Chemistry	Nitrate	Det, No ESV	Det, No ESV	No ESV, Inconsistent with BKG
General Chemistry	Nitrite	Det, No ESV	Det, No ESV	No ESV, Inconsistent with BKG
General Chemistry	ortho-Phosphate	Det, No ESV	Det, No ESV	No ESV
General Chemistry	Sulfate	Det, No ESV	Det, No ESV	No ESV, Inconsistent with BKG
Metals	Sulfur	Det, No ESV	Det, No ESV	No ESV
SVOCs	Octachlorostyrene	Det, No ESV	Det, No ESV	No ESV
OCPs	Toxaphene	ND	4,000	ND, SQL > ESV
SVOCs	Hexachlorocyclopentadiene	ND	400	ND, SQL > ESV
OPPs	Malathion	ND	400	ND, SQL > ESV
OPPs	Guthion	ND	200	ND, SQL > ESV
OPPs	Parathion	ND	100	ND, SQL > ESV
OCPs	Heptachlor epoxide	ND	100	ND, SQL > ESV
OCPs	alpha-BHC	ND	70	ND, SQL > ESV
OCPs	Chlordane (total)	ND	40	ND, SQL > ESV
OCPs	Endosulfan sulfate	ND	30	ND, SQL > ESV
OCPs	Methoxychlor	ND	20	ND, SQL > ESV
SVOCs	Benzyl alcohol	ND	20	ND, SQL > ESV
OCPs	Endosulfan I	ND	20	ND, SQL > ESV
OCPs	Heptachlor	ND	10	ND, SQL > ESV
OCPs	Endrin	ND	10	ND, SQL > ESV
OCPs	Endrin aldehyde	ND	10	ND, SQL > ESV
OPPs	Chlorpyrifos	ND	7	ND, SQL > ESV
OCPs	alpha-Chlordane	ND	7	ND, SQL > ESV
SVOCs	2,4-Dinitrophenol	ND	6	ND, SQL > ESV
OPPs	Diazinon	ND	6	ND, SQL > ESV
VOCs	Bromomethane	ND	6	ND, SQL > ESV
OCPs	gamma-BHC	ND	6	ND, SQL > ESV
General Chemistry	Cyanide (total)	ND	5	ND, SQL > ESV
SVOCs	Benzoic acid	ND	4	ND, SQL > ESV
OCPs	Dieldrin	ND	4	ND, SQL > ESV
SVOCs	2-Nitroaniline	ND	2	ND, SQL > ESV

Notes:

BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins and furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
Det = Detected
DL = Detection limit
ESV = Ecological screening value
HQ = Hazard quotient
MAX = Maximum
ND - Not detected
OCPs = Organochlorine pesticides
OPPs = Organophosphate pesticides
SQL = Sample quantitation limit
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
VOCs = Volatile organic compounds

TABLE 3-3e: Summary of Constituents Retained for Further Analysis: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	MAX HQ	MAX SQL HQ	Rational for Retaining Chemical for Further Quantitative Evaluation in Section 4
Chlorine Oxyanions	Perchlorate	50	Det	Max HQ >1
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	40	Det	Max HQ >1
OCPs	beta-BHC	30	Det	Max HQ >1
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	20	Det	Max HQ >1
Metals	Boron	20	Det	Max HQ > 1, Inconsistent with BKG
Chlorine Oxyanions	Chlorate	Det, No ESV	Det, No ESV	No ESV
General Chemistry	Ammonia	Det, No ESV	Det, No ESV	No ESV
General Chemistry	Bromide	Det, No ESV	Det, No ESV	No ESV
General Chemistry	Nitrate	Det, No ESV	Det, No ESV	No ESV, Inconsistent with BKG
General Chemistry	Sulfate	Det, No ESV	Det, No ESV	No ESV, Inconsistent with BKG
OCPs	Toxaphene	ND	400	ND, SQL > ESV
SVOCs	Hexachlorocyclopentadiene	ND	300	ND, SQL > ESV
SVOCs	Benzyl alcohol	ND	200	ND, SQL > ESV
OPPs	Atrazine	ND	200	ND, SQL > ESV
OPPs	Malathion	ND	100	ND, SQL > ESV
OPPs	Guthion	ND	60	ND, SQL > ESV
SVOCs	Benzoic acid	ND	50	ND, SQL > ESV
OPPs	Parathion	ND	30	ND, SQL > ESV
SVOCs	2,4-Dinitrophenol	ND	20	ND, SQL > ESV
OCPs	Heptachlor epoxide	ND	10	ND, SQL > ESV
SVOCs	Di-n-butylphthalate	ND	9	ND, SQL > ESV
SVOCs	2-Nitroaniline	ND	9	ND, SQL > ESV
SVOCs	bis(2-Ethylhexyl)phthalate	ND	5	ND, SQL > ESV
OCPs	alpha-BHC	ND	5	ND, SQL > ESV
SVOCs	3,3'-Dichlorobenzidine	ND	5	ND, SQL > ESV
SVOCs	2,4-Dimethylphenol	ND	4	ND, SQL > ESV
SVOCs	Hexachloroethane	ND	3	ND, SQL > ESV
OCPs	Endosulfan sulfate	ND	3	ND, SQL > ESV
OPPs	Simazine	ND	3	ND, SQL > ESV
OCPs	Endosulfan I	ND	2	ND, SQL > ESV
OPPs	Chlorpyrifos	ND	2	ND, SQL > ESV
OPPs	Diazinon	ND	2	ND, SQL > ESV

Notes:
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins and furans
Det = Detected
DL = Detection limit
ESV = Ecological screening value
HQ = Hazard quotient
MAX = Maximum
ND - Not detected
OCPs = Organochlorine pesticides
OPPs = Organophosphate pesticides
SQL = Sample quantitation limit
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient

Table 4-1a: Refined Screening-Level Evaluation of Chemicals Using UCLs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	Average (ND=0.5 SQL)	95% UCL (a,b)	SLERA ESV	Source	95% UCL HQ	Retain for Further Evaluation?	Rationale for Exclusion from Further Evaluation	Rationale for Further Evaluation
Chlorine Oxyanions	Chlorate	mg/kg	5.19E+01	1.00E+02	NC	--	No ESV	YES	--	Detected, No ESV
Chlorine Oxyanions	Perchlorate	mg/kg	1.00E+02	1.60E+02	1.20E-01	LANL Min NOAEL TRV	1,000	YES	--	95% UCL HQ > 1
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	mg/kg	9.20E-04	1.44E-03	1.60E-05	R4 Birds	90	YES	--	95% UCL HQ > 1
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	mg/kg	4.78E-04	8.70E-04	3.15E-06	R4 Mammals	300	YES	--	95% UCL HQ > 1
General Chemistry	Ammonia	mg/kg	4.13E+00	7.70E+00	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	Bromide	mg/kg	9.08E-01	1.25E+00	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	Cyanide (total)	mg/kg	--	--	9.80E-02	R4 Birds	ND	YES	--	ND, Max SQL HQ > 1
General Chemistry	Nitrate	mg/kg	6.48E+01	1.11E+02	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	Nitrate/Nitrite	mg/kg	3.72E+01	5.32E+01	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	Nitrite	mg/kg	9.09E-01	1.10E+00	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	ortho-Phosphate	mg/kg	3.34E+01	9.60E+01	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	Sulfate	mg/kg	1.26E+03	1.80E+03	NC	--	No ESV	YES	--	Detected, No ESV
Metals	Antimony	mg/kg	4.06E-01	4.70E-01	2.70E-01	Eco-SSL Mammals	2	YES	--	95% UCL HQ > 1, Inconsistent with BKG
Metals	Arsenic	mg/kg	3.74E+00	4.26E+00	1.80E+01	Eco-SSL Plants	0.2	No	95% UCL HQ < 1	--
Metals	Boron	mg/kg	2.62E+01	5.34E+01	2.00E+00	R4 Birds	30	YES	--	95% UCL HQ > 1, Inconsistent with BKG
Metals	Cadmium	mg/kg	2.71E-01	4.25E-01	3.60E-01	Eco-SSL Mammals	1	No	95% UCL HQ = 1	--
Metals	Chromium (total)	mg/kg	1.29E+01	1.48E+01	2.60E+01	Eco-SSL Birds	0.6	No	95% UCL HQ < 1	--
Metals	Cobalt	mg/kg	1.21E+01	1.70E+01	1.30E+01	Eco-SSL Plants	1	No	95% UCL HQ = 1	--
Metals	Copper	mg/kg	2.28E+01	2.51E+01	2.80E+01	Eco-SSL Birds	0.9	No	95% UCL HQ < 1	--
Metals	Iron	mg/kg	1.67E+04	1.91E+04	2.00E+02	ORNL Microbes	100	YES	--	95% UCL HQ > 1, Inconsistent with BKG
Metals	Lead	mg/kg	1.47E+01	1.92E+01	1.10E+01	Eco-SSL Birds	2	YES	--	95% UCL HQ > 1, Inconsistent with BKG
Metals	Magnesium	mg/kg	1.45E+04	1.88E+04	NC	--	No ESV	YES	--	Detected, No ESV
Metals	Manganese	mg/kg	3.11E+03	8.55E+03	2.20E+02	Eco-SSL Plants	40	YES	--	95% UCL HQ > 1, Inconsistent with BKG
Metals	Mercury	mg/kg	5.21E-02	7.87E-02	1.30E-02	R4 Birds	6	YES	--	95% UCL HQ > 1, Inconsistent with BKG
Metals	Molybdenum	mg/kg	1.48E+00	2.20E+00	2.00E+00	R4 Plants	1	No	95% UCL HQ = 1	--
Metals	Selenium	mg/kg	3.91E-01	4.65E-01	5.20E-01	Eco-SSL Plants	0.9	No	95% UCL HQ < 1	--
Metals	Sulfur	mg/kg	1.20E+03	2.48E+03	NC	--	No ESV	YES	--	Detected, No ESV
Metals	Vanadium	mg/kg	4.12E+01	4.27E+01	7.80E+00	Eco-SSL Birds	5	YES	--	95% UCL HQ > 1, Inconsistent with BKG
OCPs	2,4'-DDE	mg/kg	4.68E-03	7.82E-03	2.10E-02	Eco-SSL Mammals	0.4	No	95% UCL HQ < 1	--
OCPs	4,4'-DDE	mg/kg	6.73E-02	1.61E-01	2.10E-02	Eco-SSL Mammals	8	YES	--	95% UCL HQ > 1
OCPs	4,4'-DDT	mg/kg	2.17E-02	4.30E-02	2.10E-02	Eco-SSL Mammals	2	YES	--	95% UCL HQ > 1
OCPs	Calculated DDx (ND=0.5DL)	mg/kg	9.35E-02	1.89E-01	2.10E-02	Eco-SSL Mammals	9	YES	--	95% UCL HQ > 1
OCPs	alpha-BHC	mg/kg	1.56E-03	2.14E-03	3.00E-04	R4 Inverts	7	YES	--	95% UCL HQ > 1
OCPs	alpha-Chlordane	mg/kg	--	--	2.90E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	beta-BHC	mg/kg	3.84E-02	5.96E-02	3.00E-04	R4 Inverts	200	YES	--	95% UCL HQ > 1
OCPs	Chlordane (total)	mg/kg	--	--	2.90E-03	R4 alpha-chlordane used as surrogate	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Dieldrin	mg/kg	--	--	4.90E-03	Eco-SSL Mammals	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Endosulfan I	mg/kg	--	--	9.00E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Endosulfan sulfate	mg/kg	--	--	7.00E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Endrin	mg/kg	2.42E-03	3.35E-03	1.40E-03	R4 Birds	2	YES	--	95% UCL HQ > 1
OCPs	Endrin aldehyde	mg/kg	--	--	1.40E-03	R4 endrin used as surrogate	ND	YES	--	ND, Max SQL HQ > 1
OCPs	gamma-BHC	mg/kg	--	--	3.10E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Heptachlor	mg/kg	--	--	1.60E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Heptachlor epoxide	mg/kg	--	--	1.50E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1

Table 4-1a: Refined Screening-Level Evaluation of Chemicals Using UCLs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	Average (ND=0.5 SQL)	95% UCL (a,b)	SLERA ESV	Source	95% UCL HQ	Retain for Further Evaluation?	Rationale for Exclusion from Further Evaluation	Rationale for Further Evaluation
OCPs	Hexachlorobenzene	mg/kg	1.30E-01	1.79E-01	7.90E-02	R4 Birds	2	YES	--	95% UCL HQ > 1
OCPs	Methoxychlor	mg/kg	1.14E-02	1.94E-02	2.10E-03	R4 Inverts	9	YES	--	95% UCL HQ > 1
OCPs	Toxaphene	mg/kg	--	--	1.50E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Atrazine	mg/kg	--	--	5.00E-05	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Chlorpyrifos	mg/kg	--	--	3.00E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Diazinon	mg/kg	--	--	3.70E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Dimethoate	mg/kg	5.74E-03	6.66E-03	NC	--	No ESV	YES	--	Detected, No ESV
OPPs	Guthion	mg/kg	--	--	6.00E-05	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Malathion	mg/kg	--	--	4.00E-05	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Parathion	mg/kg	--	--	1.90E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Simazine	mg/kg	--	--	8.30E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Stirophos	mg/kg	4.46E-03	6.93E-03	NC	--	No ESV	YES	--	Detected, No ESV
PAHs	Calculated Total PAHs (ND=0.5DL)	mg/kg	3.39E-01	4.29E-01	1.10E+00	Eco-SSL HMW PAHs as surrogate	0.4	No	95% UCL HQ < 1	--
PCBs	Aroclor-1260	mg/kg	1.88E-02	3.25E-02	4.10E-02	R4 Birds	0.8	No	95% UCL HQ < 1	--
PCBs	Calculated Aroclor-1254 (ND=0.5DL)	mg/kg	1.22E-02	2.58E-02	4.10E-02	R4 Birds	0.6	No	95% UCL HQ < 1	--
PCBs	Calculated Aroclor-1260 (ND=0.5DL)	mg/kg	2.38E-02	4.88E-02	4.10E-02	R4 Birds	**1**	No	95% UCL HQ = 1	--
PCBs	Calculated Total PCBs (ND=0.5DL)	mg/kg	1.18E-01	1.90E-01	4.10E-02	R4 Birds	5	YES	--	95% UCL HQ > 1
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	mg/kg	1.64E-05	2.47E-05	1.60E-05	R4 Birds as surrogate	2	YES	--	95% UCL HQ > 1
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	mg/kg	9.05E-06	1.37E-05	3.15E-06	R4 Mammals as surrogate	4	YES	--	95% UCL HQ > 1
SVOCs	2,4-Dichlorophenol	mg/kg	--	--	5.00E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	2,4-Dimethylphenol	mg/kg	--	--	4.00E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	2,4-Dinitrophenol	mg/kg	--	--	6.10E-02	R4 Mammals	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	2-Chloronaphthalene	mg/kg	7.74E-02	1.44E-01	NC	--	No ESV	YES	--	Detected, No ESV
SVOCs	2-Chlorophenol	mg/kg	7.32E-02	1.52E-01	6.00E-02	R4 Inverts	3	YES	--	95% UCL HQ > 1
SVOCs	2-Methylphenol	mg/kg	--	--	1.00E-01	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	2-Nitroaniline	mg/kg	--	--	2.00E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	3&4-Methylphenol	mg/kg	1.56E-01	2.99E-01	6.90E-01	LANL Min NOAEL TRV for 3-methylphenol was used as a surrogate.	0.4	No	95% UCL HQ < 1	--
SVOCs	3,3'-Dichlorobenzidine	mg/kg	--	--	3.00E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	4-Chloro-3-methylphenol	mg/kg	7.66E-02	1.48E-01	NC	--	No ESV	YES	--	Detected, No ESV
SVOCs	4-Chloroaniline	mg/kg	--	--	1.00E+00	R4 Plants	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Benzoic acid	mg/kg	--	--	1.00E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Benzyl alcohol	mg/kg	--	--	2.00E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	bis(2-Ethylhexyl)phthalate	mg/kg	9.12E-02	1.14E-01	2.00E-02	R4 Birds	6	YES	--	95% UCL HQ > 1
SVOCs	Di-n-butylphthalate	mg/kg	7.41E-02	1.04E-01	1.10E-02	R4 Birds	9	YES	--	95% UCL HQ > 1
SVOCs	Hexachlorocyclopentadiene	mg/kg	--	--	1.00E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Hexachloroethane	mg/kg	--	--	2.40E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Isophorone	mg/kg	7.41E-02	1.51E-01	NC	--	No ESV	YES	--	Detected, No ESV
SVOCs	n-Nitrosodiphenylamine	mg/kg	--	--	5.45E-01	R4 Mammals	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Octachlorostyrene	mg/kg	5.09E-01	1.04E+00	NC	--	No ESV	YES	--	Detected, No ESV
SVOCs	Pentachlorophenol	mg/kg	--	--	2.10E+00	Eco-SSL Birds	ND	YES	--	ND, Max SQL HQ > 1

Table 4-1a: Refined Screening-Level Evaluation of Chemicals Using UCLs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	Average (ND=0.5 SQL)	95% UCL (a,b)	SLERA ESV	Source	95% UCL HQ	Retain for Further Evaluation?	Rationale for Exclusion from Further Evaluation	Rationale for Further Evaluation
TPH	EFH (C10-C40)	mg/kg	8.95E+01	1.78E+02	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	2	YES	--	95% UCL HQ > 1
TPH	Oil Range Organics	mg/kg	2.23E+01	2.64E+01	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	0.3	No	95% UCL HQ < 1	--
TPH	Petroleum Hydrocarbons (C29-C40)	mg/kg	5.78E+01	1.20E+02	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	**1**	No	95% UCL HQ = 1	--
TPH	Total petroleum hydrocarbon-diesel	mg/kg	2.22E+01	3.16E+01	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	0.4	No	95% UCL HQ < 1	--
VOCs	Acetone	mg/kg	9.60E-03	1.23E-02	4.00E-02	R4 Inverts	0.3	No	95% UCL HQ < 1	--
VOCs	Bromodichloromethane	mg/kg	4.17E-04	4.00E-04	NC	--	No ESV	YES	--	Detected, No ESV
VOCs	Bromomethane	mg/kg	--	--	2.00E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
VOCs	Chloroform	mg/kg	2.18E-03	5.52E-03	5.00E-02	R4 Inverts	0.1	No	95% UCL HQ < 1	--
VOCs	Chloromethane	mg/kg	5.30E-04	6.20E-04	NC	--	No ESV	YES	--	Detected, No ESV
VOCs	Ethyl tert-butyl ether	mg/kg	5.98E-04	3.80E-04	NC	--	No ESV	YES	--	Detected, No ESV
VOCs	Ethylene glycol	mg/kg	--	--	3.10E-01	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
VOCs	Formaldehyde	mg/kg	7.50E-02	8.90E-02	NC	--	No ESV	YES	--	Detected, No ESV
VOCs	Methyl tert-butyl ether	mg/kg	4.81E-04	5.85E-04	NC	--	No ESV	YES	--	Detected, No ESV
VOCs	tert Butyl alcohol	mg/kg	4.12E-03	4.27E-03	NC	--	No ESV	YES	--	Detected, No ESV

(a) Neptune provided Ramboll with a copy of the R codes used for the UCL calculation on May 18, 2020. The higher UCL value generated between the bias-corrected accelerated bootstrap method (BCa UCL) and the Student's t-test method was selected. If the calculated UCL's were greater than the maximum detect, then the max was used as a surrogate.

(b) UCLs calculated using the BCa Bootstrap method were selected for all constituents, except for bromodichloromethane, chloromethane, formaldehyde, and ethyl tert-butyl ether, which were set equal to the max detect.

Notes:

% = Percent
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of DDT and its isomers
DL = Detection limit
Eco-SSL = Ecological soil screening level
EFH = Extractable fuel hydrocarbons
ESV = Ecological screening value
FWM = Foodweb model
HQ = Hazard quotient
Inverts = Invertebrates
LANL = Los Alamos National Laboratory
mg/kg = milligram(s) per kilogram
ND = not detected
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
ORNL = Oak Ridge National Laboratory (ORNL 1997)
PAH = Polycyclic aromatic hydrocarbon
PCBs = Polychlorinated biphenyls
R4 = Region 4 (USEPA 2018)
SLERA = Screening level ecological risk assessment
SQL = Sample Quantitation Limit
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
TRV = Toxicity reference value
95% UCL= 95 percent upper confidence level of the mean
VOCs = Volatile organic compounds

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1,000	100 < HQ

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Table 4-1b: Refined Screening-Level Evaluation of Chemicals Using UCLs: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	Average (ND=0.5 SQL)	95% UCL (a,b)	SLERA ESV	Source	95% UCL HQ	Retain for Further Evaluation?	Rationale for Exclusion from Further Evaluation	Rationale for Further Evaluation
Chlorine Oxyanions	Chlorate	mg/kg	6.27E+01	1.24E+02	NC	--	No ESV	YES	--	Detected, No ESV
Chlorine Oxyanions	Perchlorate	mg/kg	7.79E+01	1.57E+02	1.20E-01	LANL Min NOAEL TRV	1,000	YES	--	95% UCL HQ > 1
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	mg/kg	1.11E-03	1.87E-03	1.60E-05	R4 Birds	100	YES	--	95% UCL HQ > 1
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	mg/kg	5.76E-04	1.11E-03	3.15E-06	R4 Mammals	400	YES	--	95% UCL HQ > 1
General Chemistry	Ammonia	mg/kg	3.83E+00	1.01E+01	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	Bromide	mg/kg	1.13E+00	1.57E+00	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	Cyanide (total)	mg/kg	--	--	9.80E-02	R4 Birds	ND	YES	--	ND, Max SQL HQ > 1
General Chemistry	Nitrate	mg/kg	4.56E+01	5.83E+01	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	Nitrate/Nitrite	mg/kg	3.72E+01	5.24E+01	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	Nitrite	mg/kg	9.76E-01	1.18E+00	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	ortho-Phosphate	mg/kg	4.34E+01	1.40E+02	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	Sulfate	mg/kg	9.69E+02	1.44E+03	NC	--	No ESV	YES	--	Detected, No ESV
Metals	Antimony	mg/kg	3.64E-01	4.41E-01	2.70E-01	Eco-SSL Mammals	2	YES	--	95% UCL HQ > 1, Inconsistent with BKG
Metals	Arsenic	mg/kg	3.89E+00	4.46E+00	1.80E+01	Eco-SSL Plants	0.2	No	95% UCL HQ < 1	--
Metals	Boron	mg/kg	2.88E+01	6.35E+01	2.00E+00	R4 Birds	30	YES	--	95% UCL HQ > 1, Inconsistent with BKG
Metals	Cadmium	mg/kg	2.43E-01	4.19E-01	3.60E-01	Eco-SSL Mammals	**1**	No	95% UCL HQ = 1	--
Metals	Chromium (total)	mg/kg	1.36E+01	1.57E+01	2.60E+01	Eco-SSL Birds	0.6	No	95% UCL HQ < 1	--
Metals	Cobalt	mg/kg	1.29E+01	1.94E+01	1.30E+01	Eco-SSL Plants	**1**	No	95% UCL HQ = 1	--
Metals	Copper	mg/kg	2.40E+01	2.67E+01	2.80E+01	Eco-SSL Birds	**1**	No	95% UCL HQ = 1	--
Metals	Iron	mg/kg	1.70E+04	1.99E+04	2.00E+02	ORNL Microbes	100	YES	--	95% UCL HQ > 1, Inconsistent with BKG
Metals	Lead	mg/kg	1.47E+01	1.98E+01	1.10E+01	Eco-SSL Birds	2	YES	--	95% UCL HQ > 1, Inconsistent with BKG
Metals	Magnesium	mg/kg	1.56E+04	2.08E+04	NC	--	No ESV	YES	--	Detected, No ESV
Metals	Manganese	mg/kg	3.62E+03	8.69E+03	2.20E+02	Eco-SSL Plants	40	YES	--	95% UCL HQ > 1, Inconsistent with BKG
Metals	Mercury	mg/kg	5.87E-02	1.02E-01	1.30E-02	R4 Birds	8	YES	--	95% UCL HQ > 1, Inconsistent with BKG
Metals	Molybdenum	mg/kg	1.67E+00	2.57E+00	2.00E+00	R4 Plants	**1**	No	95% UCL HQ = 1	--
Metals	Selenium	mg/kg	4.12E-01	4.94E-01	5.20E-01	Eco-SSL Plants	**1**	No	95% UCL HQ = 1	--
Metals	Sulfur	mg/kg	1.35E+03	2.97E+03	NC	--	No ESV	YES	--	Detected, No ESV
Metals	Vanadium	mg/kg	4.20E+01	4.39E+01	7.80E+00	Eco-SSL Birds	6	YES	--	95% UCL HQ > 1, Inconsistent with BKG
OCPs	2,4'-DDE	mg/kg	4.28E-03	7.17E-03	2.10E-02	Eco-SSL Mammals	0.3	No	95% UCL HQ < 1	--
OCPs	4,4'-DDE	mg/kg	7.23E-02	1.88E-01	2.10E-02	Eco-SSL Mammals	9	YES	--	95% UCL HQ > 1
OCPs	4,4'-DDT	mg/kg	1.81E-02	4.34E-02	2.10E-02	Eco-SSL Mammals	2	YES	--	95% UCL HQ > 1
OCPs	Calculated DDx (ND=0.5DL)	mg/kg	9.52E-02	2.33E-01	2.10E-02	Eco-SSL Mammals	10	YES	--	95% UCL HQ > 1
OCPs	alpha-BHC	mg/kg	1.67E-03	2.33E-03	3.00E-04	R4 Inverts	8	YES	--	95% UCL HQ > 1
OCPs	alpha-Chlordane	mg/kg	--	--	2.90E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	beta-BHC	mg/kg	4.42E-02	7.18E-02	3.00E-04	R4 Inverts	200	YES	--	95% UCL HQ > 1
OCPs	Chlordane (total)	mg/kg	--	--	2.90E-03	R4 alpha-chlordane used as surrogate	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Dieldrin	mg/kg	--	--	4.90E-03	Eco-SSL Mammals	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Endosulfan I	mg/kg	--	--	9.00E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Endosulfan sulfate	mg/kg	--	--	7.00E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Endrin	mg/kg	2.64E-03	3.93E-03	1.40E-03	R4 Birds	3	YES	--	95% UCL HQ > 1
OCPs	Endrin aldehyde	mg/kg	--	--	1.40E-03	R4 endrin used as surrogate	ND	YES	--	ND, Max SQL HQ > 1
OCPs	gamma-BHC	mg/kg	--	--	3.10E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Heptachlor	mg/kg	--	--	1.60E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Heptachlor epoxide	mg/kg	--	--	1.50E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Hexachlorobenzene	mg/kg	1.49E-01	2.18E-01	7.90E-02	R4 Birds	3	YES	--	95% UCL HQ > 1
OCPs	Methoxychlor	mg/kg	1.26E-02	2.27E-02	2.10E-03	R4 Inverts	10	YES	--	95% UCL HQ > 1
OCPs	Toxaphene	mg/kg	--	--	1.50E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Atrazine	mg/kg	--	--	5.00E-05	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1

Table 4-1b: Refined Screening-Level Evaluation of Chemicals Using UCLs: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	Average (ND=0.5 SQL)	95% UCL (a,b)	SLERA ESV	Source	95% UCL HQ	Retain for Further Evaluation?	Rationale for Exclusion from Further Evaluation	Rationale for Further Evaluation
OPPs	Chlorpyrifos	mg/kg	--	--	3.00E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Diazinon	mg/kg	--	--	3.70E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Guthion	mg/kg	--	--	6.00E-05	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Malathion	mg/kg	--	--	4.00E-05	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Parathion	mg/kg	--	--	1.90E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Simazine	mg/kg	--	--	8.30E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Stirophos	mg/kg	4.51E-03	7.53E-03	NC	--	No ESV	YES	--	Detected, No ESV
PAHs	Calculated Total PAHs (ND=0.5DL)	mg/kg	3.51E-01	4.55E-01	1.10E+00	Eco-SSL HMW PAHs as surrogate	0.4	No	95% UCL HQ < 1	--
PCBs	Aroclor-1260	mg/kg	1.91E-02	3.78E-02	4.10E-02	R4 Birds	0.9	No	95% UCL HQ < 1	--
PCBs	Calculated Aroclor-1254 (ND=0.5DL)	mg/kg	1.29E-02	2.48E-02	4.10E-02	R4 Birds	0.6	No	95% UCL HQ < 1	--
PCBs	Calculated Aroclor-1260 (ND=0.5DL)	mg/kg	2.51E-02	4.72E-02	4.10E-02	R4 Birds	**1**	No	95% UCL HQ = 1	--
PCBs	Calculated Total PCBs (ND=0.5DL)	mg/kg	1.25E-01	1.95E-01	4.10E-02	R4 Birds	5	YES	--	95% UCL HQ > 1
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	mg/kg	1.73E-05	2.56E-05	1.60E-05	R4 Birds as surrogate	2	YES	--	95% UCL HQ > 1
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	mg/kg	9.55E-06	1.51E-05	3.15E-06	R4 Mammals as surrogate	5	YES	--	95% UCL HQ > 1
SVOCs	2,4-Dichlorophenol	mg/kg	--	--	5.00E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	2,4-Dimethylphenol	mg/kg	--	--	4.00E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	2,4-Dinitrophenol	mg/kg	--	--	6.10E-02	R4 Mammals	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	2-Chloronaphthalene	mg/kg	8.82E-02	1.72E-01	NC	--	No ESV	YES	--	Detected, No ESV
SVOCs	2-Chlorophenol	mg/kg	8.36E-02	1.70E-01	6.00E-02	R4 Inverts	3	YES	--	95% UCL HQ > 1
SVOCs	2-Methylphenol	mg/kg	--	--	1.00E-01	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	2-Nitroaniline	mg/kg	--	--	2.00E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	3&4-Methylphenol	mg/kg	1.78E-01	3.41E-01	6.90E-01	LANL Min NOAEL TRV for 3-methylphenol was used as a surrogate.	0.5	No	95% UCL HQ < 1	--
SVOCs	3,3'-Dichlorobenzidine	mg/kg	--	--	3.00E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	4-Chloro-3-methylphenol	mg/kg	8.75E-02	1.81E-01	NC	--	No ESV	YES	--	Detected, No ESV
SVOCs	4-Chloroaniline	mg/kg	--	--	1.00E+00	R4 Plants	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Benzoic acid	mg/kg	--	--	1.00E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Benzyl alcohol	mg/kg	--	--	2.00E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	bis(2-Ethylhexyl)phthalate	mg/kg	9.56E-02	1.26E-01	2.00E-02	R4 Birds	6	YES	--	95% UCL HQ > 1
SVOCs	Di-n-butylphthalate	mg/kg	8.03E-02	1.18E-01	1.10E-02	R4 Birds	10	YES	--	95% UCL HQ > 1
SVOCs	Hexachlorocyclopentadiene	mg/kg	--	--	1.00E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Hexachloroethane	mg/kg	--	--	2.40E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Isophorone	mg/kg	8.43E-02	1.64E-01	NC	--	No ESV	YES	--	Detected, No ESV
SVOCs	n-Nitrosodiphenylamine	mg/kg	--	--	5.45E-01	R4 Mammals	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Octachlorostyrene	mg/kg	6.60E-01	1.30E+00	NC	--	No ESV	YES	--	Detected, No ESV
SVOCs	Pentachlorophenol	mg/kg	--	--	2.10E+00	Eco-SSL Birds	ND	YES	--	ND, Max SQL HQ > 1
TPH	EFH (C10-C40)	mg/kg	8.95E+01	1.71E+02	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	2	YES	--	95% UCL HQ > 1
TPH	Petroleum Hydrocarbons (C29-C40)	mg/kg	5.78E+01	1.14E+02	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	**1**	No	95% UCL HQ = 1	--
TPH	Total petroleum hydrocarbon-diesel	mg/kg	2.20E+01	3.15E+01	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	0.4	No	95% UCL HQ < 1	--
VOCs	Acetone	mg/kg	9.73E-03	1.27E-02	4.00E-02	R4 Inverts	0.3	No	95% UCL HQ < 1	--
VOCs	Bromodichloromethane	mg/kg	3.72E-04	4.00E-04	NC	--	No ESV	YES	--	Detected, No ESV
VOCs	Bromomethane	mg/kg	--	--	2.00E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1

Table 4-1b: Refined Screening-Level Evaluation of Chemicals Using UCLs: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	Average (ND=0.5 SQL)	95% UCL (a,b)	SLERA ESV	Source	95% UCL HQ	Retain for Further Evaluation?	Rationale for Exclusion from Further Evaluation	Rationale for Further Evaluation
VOCs	Chloroform	mg/kg	2.64E-03	6.87E-03	5.00E-02	R4 Inverts	0.1	No	95% UCL HQ < 1	--
VOCs	Ethyl tert-butyl ether	mg/kg	5.97E-04	3.80E-04	NC	--	No ESV	YES	--	Detected, No ESV
VOCs	Ethylene glycol	mg/kg	--	--	3.10E-01	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
VOCs	Formaldehyde	mg/kg	7.50E-02	8.90E-02	NC	--	No ESV	YES	--	Detected, No ESV
VOCs	Methyl tert-butyl ether	mg/kg	4.62E-04	5.74E-04	NC	--	No ESV	YES	--	Detected, No ESV
VOCs	tert Butyl alcohol	mg/kg	4.21E-03	4.39E-03	NC	--	No ESV	YES	--	Detected, No ESV

(a) Neptune provided Ramboll with a copy of the R codes used for the UCL calculation on May 18, 2020. The higher UCL value generated between the bias-corrected accelerated bootstrap method (BCa UCL) and the Student's t-test method was selected. If the calculated UCL's were greater than the maximum detect, then the max was used as a surrogate.

(b) UCLs calculated using the BCa Bootstrap method were selected for all constituents, except for: 1) vanadium, which is the tUCL and 2) bromodichloromethane, 2-chlorophenol, ethyl tert-butyl ether, formaldehyde and octachlorostyrene, which were set equal to the max detect.

Notes:

% = Percent
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of DDT and its isomers
DL = Detection limit
Eco-SSL = Ecological soil screening level
EFH = Extractable fuel hydrocarbons
ESV = Ecological screening value
FWM = Foodweb model
HQ = Hazard quotient
Inverts = Invertebrates
LANL = Los Alamos National Laboratory
mg/kg = milligram(s) per kilogram
ND = not detected
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
ORNL = Oak Ridge National Laboratory (ORNL 1997)
PAH = Polycyclic aromatic hydrocarbon
PCBs = Polychlorinated biphenyls
R4 = Region 4 (USEPA 2018)
SLERA = Screening level ecological risk assessment
SQL = Sample Quantitation Limit
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
TRV = Toxicity reference value
95% UCL= 95 percent upper confidence level of the mean
VOCs = Volatile organic compounds

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1,000	100 < HQ

References:

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Table 4-1c: Refined Screening-Level Evaluation of Chemicals Using UCLs: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	Average (ND=0.5 SQL)	95% UCL (a,b)	SLERA ESV	Source	95% UCL HQ	Retain for Further Evaluation?	Rationale for Exclusion from Further Evaluation	Rationale for Further Evaluation
Chlorine Oxyanions	Chlorate	mg/kg	9.77E+00	2.40E+01	NC	--	No ESV	YES	--	Detected, No ESV
Chlorine Oxyanions	Perchlorate	mg/kg	4.47E+00	8.32E+00	1.20E-01	LANL Min NOAEL TRV	70	YES	--	95% UCL HQ > 1
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	mg/kg	2.36E-05	6.31E-05	1.60E-05	R4 Birds	4	YES	--	95% UCL HQ > 1
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	mg/kg	1.03E-05	2.79E-05	3.15E-06	R4 Mammals	9	YES	--	95% UCL HQ > 1
General Chemistry	Ammonia	mg/kg	2.13E-01	4.04E-01	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	Bromide	mg/kg	1.79E-01	3.17E-01	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	Cyanide (total)	mg/kg	--	--	9.80E-02	R4 Birds	ND	YES	--	ND, Max SQL HQ > 1
General Chemistry	Nitrate	mg/kg	4.86E+01	7.24E+01	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	ortho-Phosphate	mg/kg	1.71E+00	3.57E+00	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	Sulfate	mg/kg	2.93E+03	5.69E+03	NC	--	No ESV	YES	--	Detected, No ESV
Metals	Antimony	mg/kg	7.16E-01	9.50E-01	2.70E-01	Eco-SSL Mammals	4	YES	--	95% UCL HQ > 1, Inconsistent with BKG
Metals	Boron	mg/kg	1.88E+01	3.16E+01	2.00E+00	R4 Birds	20	YES	--	95% UCL HQ > 1, Inconsistent with BKG
Metals	Cadmium	mg/kg	4.97E-01	1.56E+00	3.60E-01	Eco-SSL Mammals	4	YES	--	95% UCL HQ > 1, Inconsistent with BKG
Metals	Iron	mg/kg	1.64E+04	1.96E+04	2.00E+02	ORNL Microbes	100	YES	--	95% UCL HQ > 1, Inconsistent with BKG
Metals	Lead	mg/kg	1.70E+01	2.89E+01	1.10E+01	Eco-SSL Birds	3	YES	--	95% UCL HQ > 1, Inconsistent with BKG
Metals	Sulfur	mg/kg	8.30E+02	1.14E+03	NC	--	No ESV	YES	--	Detected, No ESV
OCPs	2,4'-DDE	mg/kg	9.50E-03	2.69E-02	2.10E-02	Eco-SSL Mammals	1	no	95% UCL HQ = 1	--
OCPs	4,4'-DDE	mg/kg	5.66E-02	2.46E-01	2.10E-02	Eco-SSL Mammals	10	YES	--	95% UCL HQ > 1
OCPs	4,4'-DDT	mg/kg	4.16E-02	1.43E-01	2.10E-02	Eco-SSL Mammals	7	YES	--	95% UCL HQ > 1
OCPs	Calculated DDx (ND=0.5DL)	mg/kg	1.02E-01	3.60E-01	2.10E-02	Eco-SSL Mammals	20	YES	--	95% UCL HQ > 1
OCPs	alpha-BHC	mg/kg	--	--	3.00E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	alpha-Chlordane	mg/kg	--	--	2.90E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	beta-BHC	mg/kg	1.55E-02	4.04E-02	3.00E-04	R4 Inverts	100	YES	--	95% UCL HQ > 1
OCPs	Chlordane (total)	mg/kg	--	--	2.90E-03	R4 alpha-chlordane used as surrogate	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Dieldrin	mg/kg	--	--	4.90E-03	Eco-SSL Mammals	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Endosulfan I	mg/kg	--	--	9.00E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Endosulfan sulfate	mg/kg	--	--	7.00E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Endrin	mg/kg	--	--	1.40E-03	R4 Birds	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Endrin aldehyde	mg/kg	--	--	1.40E-03	R4 endrin used as surrogate	ND	YES	--	ND, Max SQL HQ > 1
OCPs	gamma-BHC	mg/kg	--	--	3.10E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Heptachlor	mg/kg	--	--	1.60E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Heptachlor epoxide	mg/kg	--	--	1.50E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Methoxychlor	mg/kg	--	--	2.10E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Toxaphene	mg/kg	--	--	1.50E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Chlorpyrifos	mg/kg	--	--	3.00E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Diazinon	mg/kg	--	--	3.70E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Dimethoate	mg/kg	6.74E-03	9.10E-03	NC	--	No ESV	YES	--	Detected, No ESV
OPPs	Guthion	mg/kg	--	--	6.00E-05	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Malathion	mg/kg	--	--	4.00E-05	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Parathion	mg/kg	--	--	1.90E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	2,4-Dinitrophenol	mg/kg	--	--	6.10E-02	R4 Mammals	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	2-Nitroaniline	mg/kg	--	--	2.00E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Benzoic acid	mg/kg	--	--	1.00E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Benzyl alcohol	mg/kg	--	--	2.00E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	bis(2-Ethylhexyl)phthalate	mg/kg	8.15E-02	1.07E-01	2.00E-02	R4 Birds	5	YES	--	95% UCL HQ > 1
SVOCs	Di-n-butylphthalate	mg/kg	5.11E-02	6.84E-02	1.10E-02	R4 Birds	6	YES	--	95% UCL HQ > 1
SVOCs	Hexachlorocyclopentadiene	mg/kg	--	--	1.00E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Hexachloroethane	mg/kg	--	--	2.40E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1

Table 4-1c: Refined Screening-Level Evaluation of Chemicals Using UCLs: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	Average (ND=0.5 SQL)	95% UCL (a,b)	SLERA ESV	Source	95% UCL HQ	Retain for Further Evaluation?	Rationale for Exclusion from Further Evaluation	Rationale for Further Evaluation
TPH	Oil Range Organics	mg/kg	2.63E+01	4.35E+01	8.12E+01	LANL Min NOAEL TRV (TPH surrogate)	0.5	no	95% UCL HQ < 1	--
VOCs	Bromomethane	mg/kg	--	--	2.00E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
VOCs	Chloromethane	mg/kg	4.88E-04	6.20E-04	NC	--	No ESV	YES	--	Detected, No ESV

(a) Neptune provided Ramboll with a copy of the R codes used for the UCL calculation on May 18, 2020. The higher UCL value generated between the bias-corrected accelerated bootstrap method (BCa UCL) and the Student's t-test method was selected. If the calculated UCL's were greater than the maximum detect, then the max was used as a surrogate.

(b) UCLs calculated using the BCa Bootstrap method were selected for all constituents, except for 1) sulfur and 2,4'-DDE, which used the tUCL, and 2) chloromethane and dimethoate, which were set equal to the max detect.

Notes:

% = Percent
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of DDT and its isomers
DL = Detection limit
Eco-SSL = Ecological soil screening level
ESV = Ecological screening value
FWM = Foodweb model
HQ = Hazard quotient
Inverts = Invertebrates
LANL = Los Alamos National Laboratory
mg/kg = milligram(s) per kilogram
ND = not detected
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
OPPs = Organophosphate pesticides
ORNL = Oak Ridge National Laboratory (ORNL 1997)
PAH = Polycyclic aromatic hydrocarbon
PCBs = Polychlorinated biphenyls
R4 = Region 4 (USEPA 2018)
SLERA = Screening level ecological risk assessment
SQL = Sample Quantitation Limit
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
TRV = Toxicity reference value
95% UCL= 95 percent upper confidence level of the mean

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1,000	100 < HQ

References:

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Table 4-1d: Refined Screening-Level Evaluation of Chemicals Using UCLs: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	Average (ND=0.5 SQL)	95% UCL (a,b)	SLERA ESV	Source	95% UCL HQ	Retain for Further Evaluation?	Rationale for Exclusion from Further Evaluation	Rationale for Further Evaluation
Chlorine Oxyanions	Chlorate	mg/kg	2.73E+00	7.58E+00	NC	--	No ESV	YES	--	Detected, No ESV
Chlorine Oxyanions	Perchlorate	mg/kg	3.91E+02	6.22E+02	1.20E-01	LANL Min NOAEL TRV	5,000	YES	--	95% UCL HQ > 1
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	mg/kg	4.31E-04	1.03E-03	1.60E-05	R4 Birds	60	YES	--	95% UCL HQ > 1
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	mg/kg	2.12E-04	5.28E-04	3.15E-06	R4 Mammals	200	YES	--	95% UCL HQ > 1
General Chemistry	Ammonia	mg/kg	2.23E+01	4.99E+01	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	Cyanide (total)	mg/kg	--	--	9.80E-02	R4 Birds	ND	YES	--	ND, Max SQL HQ > 1
General Chemistry	Nitrate	mg/kg	3.57E+02	1.04E+03	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	Nitrite	mg/kg	2.13E+00	4.29E+00	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	ortho-Phosphate	mg/kg	7.23E+00	2.00E+01	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	Sulfate	mg/kg	8.09E+01	1.69E+02	NC	--	No ESV	YES	--	Detected, No ESV
Metals	Sulfur	mg/kg	3.31E+02	4.51E+02	NC	--	No ESV	YES	--	Detected, No ESV
OCPs	4,4'-DDE	mg/kg	1.74E-02	4.00E-02	2.10E-02	Eco-SSL Mammals	2	YES	--	95% UCL HQ > 1
OCPs	4,4'-DDT	mg/kg	1.85E-02	4.15E-02	2.10E-02	Eco-SSL Mammals	2	YES	--	95% UCL HQ > 1
OCPs	Calculated DDx (ND=0.5DL)	mg/kg	3.82E-02	8.55E-02	2.10E-02	Eco-SSL Mammals	4	YES	--	95% UCL HQ > 1
OCPs	alpha-BHC	mg/kg	--	--	3.00E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	alpha-Chlordane	mg/kg	--	--	2.90E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	beta-BHC	mg/kg	1.34E-02	3.07E-02	3.00E-04	R4 Inverts	100	YES	--	95% UCL HQ > 1
OCPs	Chlordane (total)	mg/kg	--	--	2.90E-03	R4 alpha-chlordane used as surrogate	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Dieldrin	mg/kg	--	--	4.90E-03	Eco-SSL Mammals	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Endosulfan I	mg/kg	--	--	9.00E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Endosulfan sulfate	mg/kg	--	--	7.00E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Endrin	mg/kg	--	--	1.40E-03	R4 Birds	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Endrin aldehyde	mg/kg	--	--	1.40E-03	R4 endrin used as surrogate	ND	YES	--	ND, Max SQL HQ > 1
OCPs	gamma-BHC	mg/kg	--	--	3.10E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Heptachlor	mg/kg	--	--	1.60E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Heptachlor epoxide	mg/kg	--	--	1.50E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Hexachlorobenzene	mg/kg	1.17E-01	1.85E-01	7.90E-02	R4 Birds	2	YES	--	95% UCL HQ > 1
OCPs	Methoxychlor	mg/kg	--	--	2.10E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Toxaphene	mg/kg	--	--	1.50E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Chlorpyrifos	mg/kg	--	--	3.00E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Diazinon	mg/kg	--	--	3.70E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Guthion	mg/kg	--	--	6.00E-05	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Malathion	mg/kg	--	--	4.00E-05	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Parathion	mg/kg	--	--	1.90E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	2,4-Dinitrophenol	mg/kg	--	--	6.10E-02	R4 Mammals	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	2-Nitroaniline	mg/kg	--	--	2.00E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Benzoic acid	mg/kg	--	--	1.00E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Benzyl alcohol	mg/kg	--	--	2.00E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	bis(2-Ethylhexyl)phthalate	mg/kg	7.44E-02	1.11E-01	2.00E-02	R4 Birds	6	YES	--	95% UCL HQ > 1
SVOCs	Di-n-butylphthalate	mg/kg	5.88E-02	1.27E-01	1.10E-02	R4 Birds	10	YES	--	95% UCL HQ > 1
SVOCs	Hexachlorocyclopentadiene	mg/kg	--	--	1.00E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Octachlorostyrene	mg/kg	7.32E-02	1.38E-01	NC	--	No ESV	YES	--	Detected, No ESV
VOCs	Bromomethane	mg/kg	--	--	2.00E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1

Table 4-1d: Refined Screening-Level Evaluation of Chemicals Using UCLs: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

(a) Neptune provided Ramboll with a copy of the R codes used for the UCL calculation on May 18, 2020. The higher UCL value generated between the bias-corrected accelerated bootstrap method (BCa UCL) and the Student's t-test method was selected. If the calculated UCL's were greater than the maximum detect, then the max was used as a surrogate.

(b) UCLs calculated using the BCa Bootstrap method were selected for all constituents, except for 1) ammonia, nitrite, ortho-Phosphate, 4,4'-DDE, 4,4'-DDT, and DDx, which used the tUCL, and 2) Sulfur, which was set equal to the max detect.

Notes:

% = Percent
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of DDT and its isomers
DL = Detection limit
Eco-SSL = Ecological soil screening level
ESV = Ecological screening value
FWM = Foodweb model
HQ = Hazard quotient
Inverts = Invertebrates
LANL = Los Alamos National Laboratory
mg/kg = milligram(s) per kilogram
ND = not detected
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
PAH = Polycyclic aromatic hydrocarbon
PCBs = Polychlorinated biphenyls
R4 = Region 4 (USEPA 2018)
SLERA = Screening level ecological risk assessment
SQL = Sample Quantitation Limit
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
TRV = Toxicity reference value
95% UCL= 95 percent upper confidence level of the mean

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1,000	100 < HQ

References:

LANL 2020: N3B (Newport News Nuclear BWXT-Los Alamos, LLC), November 2020. "ECORISK Database (Release 4.2)," on CD, Newport News Nuclear BWXT-Los Alamos, LLC, document EM2020-0575, Los Alamos, New Mexico.
USEPA 2007: USEPA. 2007. Ecological Soil Screening Levels. http://www.epa.gov/oswer/riskassessment/ecorisk/ecossl.htm.
USEPA 2018: USEPA Region 4. 2018. "Region 4 Ecological Risk Assessment Supplemental Guidance". March.

Table 4-1e: Refined Screening-Level Evaluation of Chemicals Using UCLs: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Units	Average (ND=0.5 SQL)	95% UCL (a,b)	SLERA ESV	Source	95% UCL HQ	Retain for Further Evaluation?	Rationale for Exclusion from Further Evaluation	Rationale for Further Evaluation
Chlorine Oxyanions	Chlorate	mg/kg	1.25E+00	2.27E+00	NC	--	No ESV	YES	--	Detected, No ESV
Chlorine Oxyanions	Perchlorate	mg/kg	3.57E+00	4.80E+00	1.20E-01	LANL Min NOAEL TRV	40	YES	--	95% UCL HQ > 1
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	mg/kg	5.22E-05	1.20E-04	1.60E-05	R4 Birds	7	YES	--	95% UCL HQ > 1
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	mg/kg	2.73E-05	7.57E-05	3.15E-06	R4 Mammals	20	YES	--	95% UCL HQ > 1
General Chemistry	Ammonia	mg/kg	3.90E+00	4.27E+00	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	Bromide	mg/kg	4.13E+00	8.38E+00	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	Nitrate	mg/kg	9.48E+01	1.42E+02	NC	--	No ESV	YES	--	Detected, No ESV
General Chemistry	Sulfate	mg/kg	1.60E+03	3.75E+03	NC	--	No ESV	YES	--	Detected, No ESV
Metals	Boron	mg/kg	1.30E+01	2.06E+01	2.00E+00	R4 Birds	10	YES	--	95% UCL HQ > 1
OCPs	alpha-BHC	mg/kg	--	--	3.00E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	beta-BHC	mg/kg	4.09E-03	6.89E-03	3.00E-04	R4 Inverts	20	YES	--	95% UCL HQ > 1
OCPs	Endosulfan I	mg/kg	--	--	9.00E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Endosulfan sulfate	mg/kg	--	--	7.00E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Heptachlor epoxide	mg/kg	--	--	1.50E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OCPs	Toxaphene	mg/kg	--	--	1.50E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Atrazine	mg/kg	--	--	5.00E-05	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Chlorpyrifos	mg/kg	--	--	3.00E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Diazinon	mg/kg	--	--	3.70E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Guthion	mg/kg	--	--	6.00E-05	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Malathion	mg/kg	--	--	4.00E-05	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Parathion	mg/kg	--	--	1.90E-04	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
OPPs	Simazine	mg/kg	--	--	8.30E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	2,4-Dimethylphenol	mg/kg	--	--	4.00E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	2,4-Dinitrophenol	mg/kg	--	--	6.10E-02	R4 Mammals	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	2-Nitroaniline	mg/kg	--	--	2.00E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	3,3'-Dichlorobenzidine	mg/kg	--	--	3.00E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Benzoic acid	mg/kg	--	--	1.00E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Benzyl alcohol	mg/kg	--	--	2.00E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	bis(2-Ethylhexyl)phthalate	mg/kg	--	--	2.00E-02	R4 Birds	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Di-n-butylphthalate	mg/kg	--	--	1.10E-02	R4 Birds	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Hexachlorocyclopentadiene	mg/kg	--	--	1.00E-03	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1
SVOCs	Hexachloroethane	mg/kg	--	--	2.40E-02	R4 Inverts	ND	YES	--	ND, Max SQL HQ > 1

Table 4-1e: Refined Screening-Level Evaluation of Chemicals Using UCLs: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

(a) Neptune provided Ramboll with a copy of the R codes used for the UCL calculation on May 18, 2020. The higher UCL value generated between the bias-corrected accelerated bootstrap method (BCa UCL) and the Student's t-test method was selected. If the calculated UCL's were greater than the maximum detect, then the max was used as a surrogate.

(b) UCLs calculated using the BCa Bootstrap method were selected for all constituents, except for perchlorate, ammonia, nitrate, and beta-BHC, which used the tUCL.

Notes:

% = Percent
BHC = Benzene hexachloride
D/F = Dioxins/furans
DL = Detection limit
ESV = Ecological screening value
FWM = Foodweb model
HQ = Hazard quotient
Inverts = Invertebrates
LANL = Los Alamos National Laboratory
mg/kg = milligram(s) per kilogram
ND = not detected
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
ORNL = Oak Ridge National Laboratory (ORNL 1997)
R4 = Region 4 (USEPA 2018)
SLERA = Screening level ecological risk assessment
SQL = Sample Quantitation Limit
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
TRV = Toxicity reference value
95% UCL= 95 percent upper confidence level of the mean

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1,000	100 < HQ

References:

LANL 2020: N3B (Newport News Nuclear BWXT-Los Alamos, LLC), November 2020. “ECORISK Database (Release 4.2),” on CD, Newport News Nuclear BWXT-Los Alamos, LLC, document EM2020-0575, Los Alamos, New Mexico.
USEPA 2018: USEPA Region 4. 2018. “Region 4 Ecological Risk Assessment Supplemental Guidance”. March.

TABLE 4-2a: Summary of Constituents to be Carried forward into the Food Web Model and/or Direct Contact Screening: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	95% UCL HQ	MAX SQL HQ	Reason for Retaining Chemical	Bioaccum-ulative? (a)	Additional Evaluation(s) to be Conducted
Chlorine Oxyanions	Perchlorate	1,000	Det	95% UCL HQ > 1	No	Screening specific to plants/invertebrates and FWM evaluation[b]
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	300	Det	95% UCL HQ > 1	Yes	FWM evaluation
OCPs	beta-BHC	200	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
Metals	Iron	100	Det	95% UCL HQ > 1, Inconsistent with BKG	No	Screening specific to plants/invertebrates
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	90	Det	95% UCL HQ > 1	Yes	FWM evaluation
Metals	Manganese	40	Det	95% UCL HQ > 1, Inconsistent with BKG	Yes	Screening specific to plants/invertebrates and FWM evaluation
Metals	Boron	30	Det	95% UCL HQ > 1, Inconsistent with BKG	No	Screening specific to plants/invertebrates and FWM evaluation[b]
OCPs	Calculated DDx (ND=0.5DL)	9	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
SVOCs	Di-n-butylphthalate	9	Det	95% UCL HQ > 1	No	Screening specific to plants/invertebrates
OCPs	Methoxychlor	9	Det	95% UCL HQ > 1	Yes	FOD<5%, See Uncertainty Assessment Section 4.7
OCPs	4,4'-DDE	8	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
OCPs	alpha-BHC	7	Det	95% UCL HQ > 1	Yes	FOD<5%, See Uncertainty Assessment Section 4.7
Metals	Mercury	6	Det	95% UCL HQ > 1, Inconsistent with BKG	No	Screening specific to plants/invertebrates and FWM evaluation[b]
SVOCs	bis(2-Ethylhexyl)phthalate	6	Det	95% UCL HQ > 1	No	Screening specific to plants/invertebrates
PCBs	Calculated Total PCBs (ND=0.5DL)	5	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
Metals	Vanadium	5	Det	95% UCL HQ > 1, Inconsistent with BKG	Yes	Screening specific to plants/invertebrates and FWM evaluation
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	4	Det	95% UCL HQ > 1	Yes	FWM evaluation
SVOCs	2-Chlorophenol	3	Det	95% UCL HQ > 1	No	FOD<5%, See Uncertainty Assessment Section 4.7
OCPs	Hexachlorobenzene	2	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
OCPs	4,4'-DDT	2	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
Metals	Lead	2	Det	95% UCL HQ > 1, Inconsistent with BKG	Yes	Screening specific to plants/invertebrates and FWM evaluation
Metals	Antimony	2	Det	95% UCL HQ > 1, Inconsistent with BKG	Yes	Screening specific to plants/invertebrates and FWM evaluation
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	2	Det	95% UCL HQ > 1	Yes	FWM evaluation
OCPs	Endrin	2	Det	95% UCL HQ > 1	Yes	FOD<5%, See Uncertainty Assessment Section 4.7
TPH	EFH (C10-C40)	2	Det	95% UCL HQ > 1	No	Screening specific to plants/invertebrates
OCPs	Toxaphene	ND	10,000	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	Hexachlorocyclopentadiene	ND	4,000	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	Benzyl alcohol	ND	2,000	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	Benzoic acid	ND	1,000	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OPPs	Malathion	ND	500	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Heptachlor epoxide	ND	300	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OPPs	Atrazine	ND	300	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OPPs	Guthion	ND	300	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	2,4-Dinitrophenol	ND	200	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	3,3'-Dichlorobenzidine	ND	200	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	Hexachloroethane	ND	200	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OCPs	Endosulfan sulfate	ND	100	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OPPs	Parathion	ND	100	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	2,4-Dimethylphenol	ND	100	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	2-Nitroaniline	ND	100	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
VOCs	Ethylene glycol	ND	100	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Chlordane (total)	ND	80	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OCPs	Endrin aldehyde	ND	60	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Endosulfan I	ND	50	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	2,4-Dichlorophenol	ND	40	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Heptachlor	ND	30	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	2-Methylphenol	ND	30	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	alpha-Chlordane	ND	20	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Dieldrin	ND	20	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7

TABLE 4-2a: Summary of Constituents to be Carried forward into the Food Web Model and/or Direct Contact Screening: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	95% UCL HQ	MAX SQL HQ	Reason for Retaining Chemical	Bioaccum-ulative? (a)	Additional Evaluation(s) to be Conducted
OCPs	gamma-BHC	ND	20	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OPPs	Chlorpyrifos	ND	8	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OPPs	Diazinon	ND	7	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
General Chemistry	Cyanide (total)	ND	6	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
VOCs	Bromomethane	ND	6	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	n-Nitrosodiphenylamine	ND	5	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	Pentachlorophenol	ND	5	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	4-Chloroaniline	ND	4	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OPPs	Simazine	ND	3	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
Chlorine Oxyanions	Chlorate	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Ammonia	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Bromide	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Nitrate	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Nitrate/Nitrite	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Nitrite	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	ortho-Phosphate	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Sulfate	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
Metals	Magnesium	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
Metals	Sulfur	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
OPPs	Dimethoate	No ESV	Det, No ESV	Detected, No ESV	No	FOD<5%, See Uncertainty Assessment Section 4.7
OPPs	Stirophos	No ESV	Det, No ESV	Detected, No ESV	No	FOD<5%, See Uncertainty Assessment Section 4.7
SVOCs	2-Chloronaphthalene	No ESV	Det, No ESV	Detected, No ESV	No	FOD<5%, See Uncertainty Assessment Section 4.7
SVOCs	4-Chloro-3-methylphenol	No ESV	Det, No ESV	Detected, No ESV	No	FOD<5%, See Uncertainty Assessment Section 4.7
SVOCs	Isophorone	No ESV	Det, No ESV	Detected, No ESV	No	FOD<5%, See Uncertainty Assessment Section 4.7
SVOCs	Octachlorostyrene	No ESV	Det, No ESV	Detected, No ESV	Yes	Screening specific to plants/invertebrates and FWM evaluation
VOCs	Bromodichloromethane	No ESV	Det, No ESV	Detected, No ESV	No	FOD<5%, See Uncertainty Assessment Section 4.7
VOCs	Chloromethane	No ESV	Det, No ESV	Detected, No ESV	No	FOD<5%, See Uncertainty Assessment Section 4.7
VOCs	Ethyl tert-butyl ether	No ESV	Det, No ESV	Detected, No ESV	No	FOD<5%, See Uncertainty Assessment Section 4.7
VOCs	Formaldehyde	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
VOCs	Methyl tert-butyl ether	No ESV	Det, No ESV	Detected, No ESV	No	FOD<5%, See Uncertainty Assessment Section 4.7
VOCs	tert Butyl alcohol	No ESV	Det, No ESV	Detected, No ESV	No	FOD<5%, See Uncertainty Assessment Section 4.7

Notes:
(a) Chemicals are designated as bioaccumulative (or otherwise) using USEPA 2000 and USEPA 2007 guidance.
(b) Boron, mercury and perchlorate not listed as bioaccumulative, but were included in the foodweb model evaluation.

95% UCL= 95 percent upper confidence level of the mean
BHC = Benzene hexachloride
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of DDT and its isomers
Det = Detected
D/F = Dioxins and furans
DL = Detection limit
EFH = Extractable fuel hydrocarbons
ESV = Ecological screening value
FOD = Frequency of detection
FWM = Food web model
HQ = Hazard quotient
ND = Not detected
OPPs = Organophosphate pesticides
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
SQL = Sample quantitation limit
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
VOCs = Volatile organic compounds

USEPA. 2000. Bioaccumulation Testing And Interpretation For The Purpose Of Sediment Quality Assessment Status and Needs. EPA-823-R-00-001. February 2000. Table 4-2. Important Bioaccumulative Compounds
USEPA. 2007. Attachment 4-1, Guidance for Developing Ecological Soil Screening Levels (Eco-SSLs). Exposure Factors and Bioaccumulation Models for Derivation of Wildlife Eco-SSLs. OSWER Directive 9285.7-55. Revised April 2007.

TABLE 4-2b: Summary of Constituents to be Carried forward into the Food Web Model and/or Direct Contact Screening: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	95% UCL HQ	MAX SQL HQ	Reason for Retaining Chemical	Bioaccum-ulative? (a)	Additional Evaluation(s) to be Conducted
Chlorine Oxyanions	Perchlorate	1,000	Det	95% UCL HQ > 1	No	Screening specific to plants/invertebrates and FWM evaluation[b]
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	400	Det	95% UCL HQ > 1	Yes	FWM evaluation
OCPs	beta-BHC	200	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
Metals	Iron	100	Det	95% UCL HQ > 1, Inconsistent with BKG	No	Screening specific to plants/invertebrates
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	100	Det	95% UCL HQ > 1	Yes	FWM evaluation
Metals	Manganese	40	Det	95% UCL HQ > 1, Inconsistent with BKG	Yes	Screening specific to plants/invertebrates and FWM evaluation
Metals	Boron	30	Det	95% UCL HQ > 1, Inconsistent with BKG	No	Screening specific to plants/invertebrates and FWM evaluation[b]
OCPs	Calculated DDx (ND=0.5DL)	10	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
SVOCs	Di-n-butylphthalate	10	Det	95% UCL HQ > 1	No	Screening specific to plants/invertebrates
OCPs	Methoxychlor	10	Det	95% UCL HQ > 1	Yes	FOD<5%, See Uncertainty Assessment Section 4.7
OCPs	4,4'-DDE	9	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
OCPs	alpha-BHC	8	Det	95% UCL HQ > 1	Yes	FOD<5%, See Uncertainty Assessment Section 4.7
Metals	Mercury	8	Det	95% UCL HQ > 1, Inconsistent with BKG	No	Screening specific to plants/invertebrates and FWM evaluation[b]
SVOCs	bis(2-Ethylhexyl)phthalate	6	Det	95% UCL HQ > 1	No	Screening specific to plants/invertebrates
Metals	Vanadium	6	Det	95% UCL HQ > 1, Inconsistent with BKG	Yes	Screening specific to plants/invertebrates and FWM evaluation
PCBs	Calculated Total PCBs (ND=0.5DL)	5	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	5	Det	95% UCL HQ > 1	Yes	FWM evaluation
SVOCs	2-Chlorophenol	3	Det	95% UCL HQ > 1	No	FOD<5%, See Uncertainty Assessment Section 4.7
OCPs	Hexachlorobenzene	3	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
OCPs	Endrin	3	Det	95% UCL HQ > 1	Yes	FOD<5%, See Uncertainty Assessment Section 4.7
OCPs	4,4'-DDT	2	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
Metals	Lead	2	Det	95% UCL HQ > 1, Inconsistent with BKG	Yes	Screening specific to plants/invertebrates and FWM evaluation
Metals	Antimony	2	Det	95% UCL HQ > 1, Inconsistent with BKG	Yes	Screening specific to plants/invertebrates and FWM evaluation
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	2	Det	95% UCL HQ > 1	Yes	FWM evaluation
TPH	EFH (C10-C40)	2	Det	95% UCL HQ > 1	No	Screening specific to plants/invertebrates
OCPs	Toxaphene	ND	10,000	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	Hexachlorocyclopentadiene	ND	4,000	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	Benzyl alcohol	ND	2,000	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	Benzoic acid	ND	1,000	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OPPs	Malathion	ND	500	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Heptachlor epoxide	ND	300	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OPPs	Atrazine	ND	300	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OPPs	Guthion	ND	300	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	2,4-Dinitrophenol	ND	200	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	3,3'-Dichlorobenzidine	ND	200	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	Hexachloroethane	ND	200	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OCPs	Endosulfan sulfate	ND	100	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OPPs	Parathion	ND	100	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	2,4-Dimethylphenol	ND	100	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	2-Nitroaniline	ND	100	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
VOCs	Ethylene glycol	ND	100	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Chlordane (total)	ND	80	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OCPs	Endrin aldehyde	ND	60	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Endosulfan I	ND	50	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	2,4-Dichlorophenol	ND	40	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Heptachlor	ND	30	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	2-Methylphenol	ND	30	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	alpha-Chlordane	ND	20	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Dieldrin	ND	20	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7

TABLE 4-2b: Summary of Constituents to be Carried forward into the Food Web Model and/or Direct Contact Screening: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	95% UCL HQ	MAX SQL HQ	Reason for Retaining Chemical	Bioaccum-ulative? (a)	Additional Evaluation(s) to be Conducted
OCPs	gamma-BHC	ND	20	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OPPs	Chlorpyrifos	ND	8	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OPPs	Diazinon	ND	7	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
General Chemistry	Cyanide (total)	ND	6	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
VOCs	Bromomethane	ND	6	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	n-Nitrosodiphenylamine	ND	5	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	Pentachlorophenol	ND	5	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	4-Chloroaniline	ND	4	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OPPs	Simazine	ND	3	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
Chlorine Oxyanions	Chlorate	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Ammonia	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Bromide	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Nitrate	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Nitrate/Nitrite	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Nitrite	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	ortho-Phosphate	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Sulfate	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
Metals	Magnesium	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
Metals	Sulfur	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
OPPs	Stirophos	No ESV	Det, No ESV	Detected, No ESV	No	FOD<5%, See Uncertainty Assessment Section 4.7
SVOCs	2-Chloronaphthalene	No ESV	Det, No ESV	Detected, No ESV	No	FOD<5%, See Uncertainty Assessment Section 4.7
SVOCs	4-Chloro-3-methylphenol	No ESV	Det, No ESV	Detected, No ESV	No	FOD<5%, See Uncertainty Assessment Section 4.7
SVOCs	Isophorone	No ESV	Det, No ESV	Detected, No ESV	No	FOD<5%, See Uncertainty Assessment Section 4.7
SVOCs	Octachlorostyrene	No ESV	Det, No ESV	Detected, No ESV	Yes	Screening specific to plants/invertebrates and FWM evaluation
VOCs	Bromodichloromethane	No ESV	Det, No ESV	Detected, No ESV	No	FOD<5%, See Uncertainty Assessment Section 4.7
VOCs	Ethyl tert-butyl ether	No ESV	Det, No ESV	Detected, No ESV	No	FOD<5%, See Uncertainty Assessment Section 4.7
VOCs	Formaldehyde	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
VOCs	Methyl tert-butyl ether	No ESV	Det, No ESV	Detected, No ESV	No	FOD<5%, See Uncertainty Assessment Section 4.7
VOCs	tert Butyl alcohol	No ESV	Det, No ESV	Detected, No ESV	No	FOD<5%, See Uncertainty Assessment Section 4.7

Notes:
(a) Chemicals are designated as bioaccumulative (or otherwise) using USEPA 2000 and USEPA 2007 guidance.
(b) Boron, mercury and perchlorate not listed as bioaccumulative, but were included in the foodweb model evaluation.

95% UCL= 95 percent upper confidence level of the mean
BHC = Benzene hexachloride
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of DDT and its isomers
Det = Detected
D/F = Dioxins and furans
DL = Detection limit
EFH = Extractable fuel hydrocarbons
ESV = Ecological screening value
FOD = Frequency of detection
FWM = Foodweb model
HQ = Hazard quotient
ND = Not detected
OPPs = Organophosphate pesticides
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
SQL = Sample quantitation limit
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
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USEPA. 2000. Bioaccumulation Testing And Interpretation For The Purpose Of Sediment Quality Assessment Status and Needs. EPA-823-R-00-001. February 2000. Table 4-2. Important Bioaccumulative Compounds.
USEPA. 2007. Attachment 4-1, Guidance for Developing Ecological Soil Screening Levels (Eco-SSLs). Exposure Factors and Bioaccumulation Models for Derivation of Wildlife Eco-SSLs. OSWER Directive 9285.7-55. Revised April 2007.

TABLE 4-2c: Summary of Constituents to be Carried forward into the Food Web Model and/or Direct Contact Screening: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	95% UCL HQ	MAX SQL HQ	Reason for Retaining Chemical	Bioaccum-ulative? (a)	Additional Evaluation(s) to be Conducted
OCPs	beta-BHC	100	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
Metals	Iron	100	Det	95% UCL HQ > 1, Inconsistent with BKG	No	Screening specific to plants/invertebrates
Chlorine Oxyanions	Perchlorate	70	Det	95% UCL HQ > 1	No	Screening specific to plants/invertebrates and FWM evaluation[b]
Metals	Boron	20	Det	95% UCL HQ > 1, Inconsistent with BKG	No	Screening specific to plants/invertebrates and FWM evaluation[b]
OCPs	Calculated DDx (ND=0.5DL)	20	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
OCPs	4,4'-DDE	10	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	9	Det	95% UCL HQ > 1	Yes	FWM evaluation
OCPs	4,4'-DDT	7	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
SVOCs	Di-n-butylphthalate	6	Det	95% UCL HQ > 1	No	Screening specific to plants/invertebrates
SVOCs	bis(2-Ethylhexyl)phthalate	5	Det	95% UCL HQ > 1	No	FOD<5%, See Uncertainty Assessment Section 4.7
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4	Det	95% UCL HQ > 1	Yes	FWM evaluation
Metals	Antimony	4	Det	95% UCL HQ > 1, Inconsistent with BKG	Yes	Screening specific to plants/invertebrates and FWM evaluation
Metals	Cadmium	4	Det	95% UCL HQ > 1, Inconsistent with BKG	Yes	Screening specific to plants/invertebrates and FWM evaluation
Metals	Lead	3	Det	95% UCL HQ > 1, Inconsistent with BKG	Yes	Screening specific to plants/invertebrates and FWM evaluation
OCPs	Toxaphene	ND	4,000	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	Hexachlorocyclopentadiene	ND	400	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OPPs	Malathion	ND	400	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OPPs	Guthion	ND	200	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OPPs	Parathion	ND	100	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Heptachlor epoxide	ND	60	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OCPs	Chlordane (total)	ND	60	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OCPs	Methoxychlor	ND	40	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OCPs	alpha-BHC	ND	30	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OCPs	Endosulfan sulfate	ND	30	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Heptachlor	ND	30	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	Benzyl alcohol	ND	20	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Endrin	ND	10	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OCPs	Endrin aldehyde	ND	10	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Endosulfan I	ND	10	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OPPs	Chlorpyrifos	ND	7	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	2,4-Dinitrophenol	ND	6	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OPPs	Diazinon	ND	6	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
VOCs	Bromomethane	ND	6	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
General Chemistry	Cyanide (total)	ND	5	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	Benzoic acid	ND	4	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Dieldrin	ND	4	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OCPs	alpha-Chlordane	ND	3	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	gamma-BHC	ND	3	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	Hexachloroethane	ND	2	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	2-Nitroaniline	ND	2	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
Chlorine Oxyanions	Chlorate	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Ammonia	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Bromide	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Nitrate	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	ortho-Phosphate	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Sulfate	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
Metals	Sulfur	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
OPPs	Dimethoate	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
VOCs	Chloromethane	No ESV	Det, No ESV	Detected, No ESV	No	FOD<5%, See Uncertainty Assessment Section 4.7

TABLE 4-2c: Summary of Constituents to be Carried forward into the Food Web Model and/or Direct Contact Screening: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:
(a) Chemicals are designated as bioaccumulative (or otherwise) using USEPA 2000 and USEPA 2007 guidance.
(b) Boron and perchlorate not listed as bioaccumulative, but were included in the foodweb model evaluation.

95% UCL= 95 percent upper confidence level of the mean
BHC = Benzene hexachloride
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of DDT and its isomers
Det = Detected
D/F = Dioxins and furans
DL = Detection limit
ESV = Ecological screening value
FOD = Frequency of detection
FWM = Foodweb model
HQ = Hazard quotient
ND = Not detected
OPPs = Organophosphate pesticides
OCPs = Organochlorine pesticides
SQL = Sample quantitation limit
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
VOCs = Volatile organic compounds

USEPA. 2000. Bioaccumulation Testing And Interpretation For The Purpose Of Sediment Quality Assessment Status and Needs. EPA-823-R-00-001. February 2000. Table 4-2. Important Bioaccumulative Compounds.
USEPA. 2007. Attachment 4-1, Guidance for Developing Ecological Soil Screening Levels (Eco-SSLs). Exposure Factors and Bioaccumulation Models for Derivation of Wildlife Eco-SSLs. OSWER Directive 9285.7-55. Revised April 2007.

TABLE 4-2d: Summary of Constituents to be Carried forward into the Food Web Model and/or Direct Contact Screening: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	95% UCL HQ	MAX SQL HQ	Reason for Retaining Chemical	Bioaccum-ulative? (a)	Additional Evaluation(s) to be Conducted
Chlorine Oxyanions	Perchlorate	5,000	Det	95% UCL HQ > 1	No	Screening specific to plants/invertebrates and FWM evaluation[b]
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	200	Det	95% UCL HQ > 1	Yes	FWM evaluation
OCPs	beta-BHC	100	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	60	Det	95% UCL HQ > 1	Yes	FWM evaluation
SVOCs	Di-n-butylphthalate	10	Det	95% UCL HQ > 1	No	Screening specific to plants/invertebrates
SVOCs	bis(2-Ethylhexyl)phthalate	6	Det	95% UCL HQ > 1	No	Screening specific to plants/invertebrates
OCPs	Calculated DDx (ND=0.5DL)	4	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
OCPs	4,4'-DDE	2	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
OCPs	4,4'-DDT	2	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
OCPs	Hexachlorobenzene	2	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
OCPs	Toxaphene	ND	4,000	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	Hexachlorocyclopentadiene	ND	400	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OPPs	Malathion	ND	400	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OPPs	Guthion	ND	200	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OPPs	Parathion	ND	100	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Heptachlor epoxide	ND	100	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OCPs	alpha-BHC	ND	70	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OCPs	Chlordane (total)	ND	40	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OCPs	Endosulfan sulfate	ND	30	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Methoxychlor	ND	20	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	Benzyl alcohol	ND	20	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Endosulfan I	ND	20	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OCPs	Heptachlor	ND	10	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OCPs	Endrin	ND	10	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OCPs	Endrin aldehyde	ND	10	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OPPs	Chlorpyrifos	ND	7	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OCPs	alpha-Chlordane	ND	7	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	2,4-Dinitrophenol	ND	6	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OPPs	Diazinon	ND	6	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
VOCs	Bromomethane	ND	6	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	gamma-BHC	ND	6	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
General Chemistry	Cyanide (total)	ND	5	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	Benzoic acid	ND	4	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Dieldrin	ND	4	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	2-Nitroaniline	ND	2	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
Chlorine Oxyanions	Chlorate	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Ammonia	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Nitrate	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Nitrite	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	ortho-Phosphate	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Sulfate	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
Metals	Sulfur	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
SVOCs	Octachlorostyrene	No ESV	Det, No ESV	Detected, No ESV	Yes	Screening specific to plants/invertebrates and FWM evaluation

TABLE 4-2d: Summary of Constituents to be Carried forward into the Food Web Model and/or Direct Contact Screening: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:
(a) Chemicals are designated as bioaccumulative (or otherwise) using USEPA 2000 and USEPA 2007 guidance.
(b)Perchlorate not listed as bioaccumulative, but was included in the foodweb model evaluation.

95% UCL= 95 percent upper confidence level of the mean
BHC = Benzene hexachloride
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of DDT and its isomers
Det = Detected
D/F = Dioxins and furans
DL = Detection limit
ESV = Ecological screening value
FWM = Foodweb model
HQ = Hazard quotient
ND = Not detected
OPPs = Organophosphate pesticides
OCPs = Organochlorine pesticides
SQL = Sample quantitation limit
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
VOCs = Volatile organic compounds

USEPA. 2000. Bioaccumulation Testing And Interpretation For The Purpose Of Sediment Quality Assessment Status and Needs. EPA-823-R-00-001. February 2000. Table 4-2. Important Bioaccumulative Compounds.
USEPA. 2007. Attachment 4-1, Guidance for Developing Ecological Soil Screening Levels (Eco-SSLs). Exposure Factors and Bioaccumulation Models for Derivation of Wildlife Eco-SSLs. OSWER Directive 9285.7-55. Revised April 2007.

TABLE 4-2e: Summary of Constituents to be Carried forward into the Food Web Model and/or Direct Contact Screening: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	95% UCL HQ	MAX SQL HQ	Reason for Retaining Chemical	Bioaccum-ulative? (a)	Additional Evaluation(s) to be Conducted
Chlorine Oxyanions	Perchlorate	40	Det	95% UCL HQ > 1	No	Screening specific to plants/invertebrates and FWM evaluation[b]
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	20	Det	95% UCL HQ > 1	Yes	FWM evaluation
OCPs	beta-BHC	20	Det	95% UCL HQ > 1	Yes	Screening specific to plants/invertebrates and FWM evaluation
Metals	Boron	10	Det	95% UCL HQ > 1	No	Screening specific to plants/invertebrates and FWM evaluation[b]
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	7	Det	95% UCL HQ > 1	Yes	FWM evaluation
OCPs	Toxaphene	ND	400	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	Hexachlorocyclopentadiene	ND	300	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	Benzyl alcohol	ND	200	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OPPs	Atrazine	ND	200	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OPPs	Malathion	ND	100	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OPPs	Guthion	ND	60	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	Benzoic acid	ND	50	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OPPs	Parathion	ND	30	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	2,4-Dinitrophenol	ND	20	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Heptachlor epoxide	ND	10	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	Di-n-butylphthalate	ND	9	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	2-Nitroaniline	ND	9	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	bis(2-Ethylhexyl)phthalate	ND	5	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	alpha-BHC	ND	5	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
SVOCs	3,3'-Dichlorobenzidine	ND	5	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	2,4-Dimethylphenol	ND	4	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Endosulfan sulfate	ND	3	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
SVOCs	Hexachloroethane	ND	3	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OPPs	Simazine	ND	3	ND, Max SQL HQ > 1	No	See Uncertainty Assessment Section 4.7
OCPs	Endosulfan I	ND	2	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OPPs	Chlorpyrifos	ND	2	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
OPPs	Diazinon	ND	2	ND, Max SQL HQ > 1	Yes	See Uncertainty Assessment Section 4.7
Chlorine Oxyanions	Chlorate	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Ammonia	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Nitrate	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Sulfate	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates
General Chemistry	Bromide	No ESV	Det, No ESV	Detected, No ESV	No	Screening specific to plants/invertebrates

Notes:
(a) Chemicals are designated as bioaccumulative (or otherwise) using USEPA 2000 and USEPA 2007 guidance.
(b) Boron and perchlorate not listed as bioaccumulative, but were included in the foodweb model evaluation.

95% UCL= 95 percent upper confidence level of the mean
BHC = Benzene hexachloride
Det = Detected
D/F = Dioxins and furans
DL = Detection limit
ESV = Ecological screening value
FOD = Frequency of detection
FWM = Foodweb model
HQ = Hazard quotient
ND = Not detected
OPPs = Organophosphate pesticides
OCPs = Organochlorine pesticides
SQL = Sample quantitation limit
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
VOCs = Volatile organic compounds

USEPA. 2000. Bioaccumulation Testing And Interpretation For The Purpose Of Sediment Quality Assessment Status and Needs. EPA-823-R-00-001. February 2000. Table 4-2. Important Bioaccumulative Compounds.
USEPA. 2007. Attachment 4-1, Guidance for Developing Ecological Soil Screening Levels (Eco-SSLs). Exposure Factors and Bioaccumulation Models for Derivation of Wildlife Eco-SSLs. OSWER Directive 9285.7-55. Revised April 2007.

TABLE 4-3a: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

All data in mg/kg

Chemical Group	Chemical Name	Operations Area				Background
		MIN	AVG (ND=0.5DL)	95% UCL (a)	MAX	95% UCL (a)
Chlorine Oxyanions	Chlorate	3.90E-02	5.19E+01	1.00E+02	2.58E+03	--
Chlorine Oxyanions	Perchlorate	1.40E-02	1.00E+02	1.60E+02	4.47E+03	--
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	9.59E-08	9.20E-04	1.44E-03	4.49E-02	--
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	5.46E-08	4.78E-04	8.70E-04	3.14E-02	--
General Chemistry	Ammonia	1.46E-01	4.13E+00	7.70E+00	1.62E+02	--
General Chemistry	Bromide	2.00E-01	9.08E-01	1.25E+00	4.70E+00	--
General Chemistry	Nitrate	7.97E-01	6.48E+01	1.11E+02	2.28E+03	1.23E+01
General Chemistry	Nitrate/Nitrite	6.20E+00	3.72E+01	5.32E+01	2.39E+02	--
General Chemistry	Nitrite	8.00E-02	9.09E-01	1.10E+00	7.10E+00	4.29E-02
General Chemistry	ortho-Phosphate	6.00E+00	3.34E+01	9.60E+01	9.97E+02	--
General Chemistry	Sulfate	5.40E+00	1.26E+03	1.80E+03	1.95E+04	3.44E+02
Metals	Antimony	1.10E-01	4.06E-01	4.70E-01	2.40E+00	2.14E-01
Metals	Boron	2.50E+00	2.62E+01	5.34E+01	1.51E+03	4.29E+00
Metals	Iron	2.90E+02	1.67E+04	1.91E+04	1.40E+05	1.37E+04
Metals	Lead	4.10E+00	1.47E+01	1.92E+01	2.67E+02	9.24E+00
Metals	Magnesium	4.50E+02	1.45E+04	1.88E+04	1.89E+05	1.08E+04
Metals	Manganese	7.71E+01	3.11E+03	8.55E+03	2.50E+05	4.37E+02
Metals	Mercury	5.00E-03	5.21E-02	7.87E-02	1.80E+00	2.14E-02
Metals	Sulfur	2.90E+02	1.20E+03	2.48E+03	1.40E+04	--
Metals	Vanadium	8.60E+00	4.12E+01	4.27E+01	6.76E+01	4.06E+01
OCPs	4,4'-DDE	4.10E-04	6.73E-02	1.61E-01	3.50E+00	--
OCPs	4,4'-DDT	7.90E-04	2.17E-02	4.30E-02	7.70E-01	--
OCPs	Calculated DDx (ND=0.5DL)	1.02E-03	9.35E-02	1.89E-01	4.30E+00	--
OCPs	beta-BHC	7.20E-04	3.84E-02	5.96E-02	8.70E-01	--
OCPs	Hexachlorobenzene	3.20E-04	1.30E-01	1.79E-01	4.60E+00	--
PCBs	Calculated Total PCBs (ND=0.5DL)	2.96E-04	1.18E-01	1.90E-01	8.59E-01	--
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	3.93E-08	1.64E-05	2.47E-05	1.07E-04	--
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	2.04E-08	9.05E-06	1.37E-05	5.98E-05	--
SVOCs	bis(2-Ethylhexyl)phthalate	8.30E-02	9.12E-02	1.14E-01	8.20E-01	--
SVOCs	Di-n-butylphthalate	3.50E-02	7.41E-02	1.04E-01	1.70E+00	--
SVOCs	Octachlorostyrene	2.10E-03	5.09E-01	1.04E+00	1.30E+00	--
TPH	EFH (C10-C40)	2.90E+00	8.95E+01	1.78E+02	9.50E+02	--
VOCs	Formaldehyde	6.10E-02	7.50E-02	8.90E-02	8.90E-02	--

Notes:

(a) Neptune provided Ramboll with a copy of the R codes used for the UCL calculation on May 18, 2020. The higher UCL value generated between the bias-corrected accelerated bootstrap method (BCa UCL) and the Student's t-test method was selected. If the calculated UCL's were greater than the maximum detect, then the max was used as a surrogate.

(b) Formaldehyde UCL set equivalent to maximum detection because the UCL was greater than the max.

% = Percent
AVG = Average
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxin and furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
EFH = Extractable fuel hydrocarbons
MAX = Maximum
mg/kg = Milligrams per kilogram
MIN = Minimum
ND = Nondetects
OCPs = Organochlorine pesticides
OU-1 = Operable Unit 1
PCBs = Polychlorinated biphenyls
SLERA = Screening level ecological risk assessment
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TPH = Total petroleum hydrocarbons
UCL = Upper confidence level of the mean
VOCs = Volatile organic compounds

TABLE 4-3b: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

All data in mg/kg

Chemical Group	Chemical Name	Eco DU-1				Background
		MIN	AVG (ND=0.5DL)	95% UCL (a)	MAX	95% UCL (a)
Chlorine Oxyanions	Chlorate	3.90E-02	6.27E+01	1.24E+02	2.58E+03	--
Chlorine Oxyanions	Perchlorate	1.40E-02	7.79E+01	1.57E+02	4.47E+03	--
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.79E-07	1.11E-03	1.87E-03	4.49E-02	--
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.31E-07	5.76E-04	1.11E-03	3.14E-02	--
General Chemistry	Ammonia	1.95E-01	3.83E+00	1.01E+01	1.62E+02	--
General Chemistry	Bromide	2.00E-01	1.13E+00	1.57E+00	4.70E+00	--
General Chemistry	Nitrate	2.35E+00	4.56E+01	5.83E+01	3.60E+02	1.23E+01
General Chemistry	Nitrate/Nitrite	6.20E+00	3.72E+01	5.24E+01	2.39E+02	--
General Chemistry	Nitrite	9.00E-02	9.76E-01	1.18E+00	4.60E+00	4.29E-02
General Chemistry	ortho-Phosphate	6.00E+00	4.34E+01	1.40E+02	9.97E+02	--
General Chemistry	Sulfate	8.20E+00	9.69E+02	1.44E+03	1.21E+04	3.44E+02
Metals	Antimony	1.10E-01	3.64E-01	4.41E-01	2.40E+00	2.14E-01
Metals	Boron	2.50E+00	2.88E+01	6.35E+01	1.51E+03	4.29E+00
Metals	Iron	2.90E+02	1.70E+04	1.99E+04	1.40E+05	1.37E+04
Metals	Lead	4.10E+00	1.47E+01	1.98E+01	2.67E+02	9.24E+00
Metals	Magnesium	4.50E+02	1.56E+04	2.08E+04	1.89E+05	1.08E+04
Metals	Manganese	7.71E+01	3.62E+03	8.69E+03	2.50E+05	4.37E+02
Metals	Mercury	6.00E-03	5.87E-02	1.02E-01	1.80E+00	2.14E-02
Metals	Sulfur	2.90E+02	1.35E+03	2.97E+03	1.40E+04	--
Metals	Vanadium	8.60E+00	4.20E+01	4.39E+01	6.76E+01	4.06E+01
OCPs	4,4'-DDE	4.10E-04	7.23E-02	1.88E-01	3.50E+00	--
OCPs	4,4'-DDT	7.90E-04	1.81E-02	4.34E-02	7.70E-01	--
OCPs	Calculated DDx (ND=0.5DL)	1.02E-03	9.52E-02	2.33E-01	4.30E+00	--
OCPs	beta-BHC	7.20E-04	4.42E-02	7.18E-02	8.70E-01	--
OCPs	Hexachlorobenzene	3.20E-04	1.49E-01	2.18E-01	4.60E+00	--
PCBs	Calculated Total PCBs (ND=0.5DL)	2.96E-04	1.25E-01	1.95E-01	8.59E-01	--
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	3.93E-08	1.73E-05	2.56E-05	1.07E-04	--
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	2.04E-08	9.55E-06	1.51E-05	5.98E-05	--
SVOCs	bis(2-Ethylhexyl)phthalate	8.30E-02	9.56E-02	1.26E-01	8.20E-01	--
SVOCs	Di-n-butylphthalate	3.50E-02	8.03E-02	1.18E-01	1.70E+00	--
SVOCs	Octachlorostyrene	2.10E-03	6.60E-01	1.30E+00	1.30E+00	--
TPH	EFH (C10-C40)	2.90E+00	8.95E+01	1.71E+02	9.50E+02	--
VOCs	Formaldehyde	6.10E-02	7.50E-02	8.90E-02	8.90E-02	--

Notes:

(a) Neptune provided Ramboll with a copy of the R codes used for the UCL calculation on May 18, 2020. The higher UCL value generated between the bias-corrected accelerated bootstrap method (BCa UCL) and the Student's t-test method was selected. If the calculated UCL's were greater than the maximum detect, then the max was used as a surrogate.

(b) Octachlorostyrene and formaldehyde UCL set equivalent to maximum detection because the UCL was greater than the max.

% = Percent
AVG = Average
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxin and furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
EFH = Extractable fuel hydrocarbons
MAX = Maximum
mg/kg = Milligrams per kilogram
MIN = Minimum
ND = Nondetects
OCPs = Organochlorine pesticides
OU-1 = Operable Unit 1
PCBs = Polychlorinated biphenyls
SLERA = Screening level ecological risk assessment
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TPH = Total petroleum hydrocarbons
UCL = Upper confidence level of the mean
VOCs = Volatile organic compounds

TABLE 4-3c: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

All data in mg/kg

Chemical Group	Chemical Name	Eco DU-2				Background
		MIN	AVG (ND=0.5DL)	95% UCL (a)	MAX	95% UCL (a)
Chlorine Oxyanions	Chlorate	5.00E-02	9.77E+00	2.40E+01	1.08E+02	--
Chlorine Oxyanions	Perchlorate	3.20E-02	4.47E+00	8.32E+00	3.43E+01	--
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	9.59E-08	2.36E-05	6.31E-05	3.67E-04	--
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	5.46E-08	1.03E-05	2.79E-05	1.69E-04	--
General Chemistry	Ammonia	1.46E-01	2.13E-01	4.04E-01	1.35E+00	--
General Chemistry	Bromide	1.00E+00	1.79E-01	3.17E-01	1.10E+00	--
General Chemistry	Nitrate	7.97E-01	4.86E+01	7.24E+01	1.91E+02	1.23E+01
General Chemistry	ortho-Phosphate	7.20E+00	1.71E+00	3.57E+00	7.20E+00	--
General Chemistry	Sulfate	5.40E+00	2.93E+03	5.69E+03	1.95E+04	3.44E+02
Metals	Antimony	1.40E-01	7.16E-01	9.50E-01	2.20E+00	2.14E-01
Metals	Boron	3.10E+00	1.88E+01	3.16E+01	1.12E+02	4.29E+00
Metals	Cadmium	5.00E-02	4.97E-01	1.56E+00	8.88E+00	6.46E-02
Metals	Iron	9.83E+03	1.64E+04	1.96E+04	3.95E+04	1.37E+04
Metals	Lead	7.70E+00	1.70E+01	2.89E+01	1.12E+02	9.24E+00
Metals	Sulfur	4.98E+02	8.30E+02	1.14E+03	1.29E+03	--
OCPs	4,4'-DDE	2.30E-03	5.66E-02	2.46E-01	9.10E-01	--
OCPs	4,4'-DDT	3.30E-03	4.16E-02	1.43E-01	6.10E-01	--
OCPs	Calculated DDx (ND=0.5DL)	4.50E-03	1.02E-01	3.60E-01	1.56E+00	--
OCPs	beta-BHC	1.60E-03	1.55E-02	4.04E-02	1.50E-01	--
OPPs	Dimethoate	9.10E-03	6.74E-03	9.10E-03	9.10E-03	--
SVOCs	Di-n-butylphthalate	3.90E-02	5.11E-02	6.84E-02	1.10E-01	--

Notes:

(a) Neptune provided Ramboll with a copy of the R codes used for the UCL calculation on May 18, 2020. The higher UCL value generated between the bias-corrected accelerated bootstrap method (BCa UCL) and the Student's t-test method was selected. If the calculated UCL's were greater than the maximum detect, then the max was used as a surrogate.

(b) Dimethoate UCL set equivalent to maximum detection because the UCL was greater than the max.

% = Percent
AVG = Average
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxin and furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
MAX = Maximum
mg/kg = Milligrams per kilogram
MIN = Minimum
ND = Nondetects
OCPs = Organochlorine pesticides
OU-1 = Operable Unit 1
PCBs = Polychlorinated biphenyls
SLERA = Screening level ecological risk assessment
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
UCL = Upper confidence level of the mean

TABLE 4-3d: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

All data in mg/kg

Chemical Group	Chemical Name	Eco DU-3				Background
		MIN	AVG (ND=0.5DL)	95% UCL (a)	MAX	95% UCL (a)
Chlorine Oxyanions	Chlorate	2.65E-01	2.73E+00	7.58E+00	1.57E+01	--
Chlorine Oxyanions	Perchlorate	7.10E-02	3.91E+02	6.22E+02	1.69E+03	--
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.37E-05	4.31E-04	1.03E-03	4.26E-03	--
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	4.87E-06	2.12E-04	5.28E-04	2.08E-03	--
General Chemistry	Ammonia	5.96E+01	2.23E+01	4.99E+01	7.11E+01	--
General Chemistry	Nitrate	1.28E+00	3.57E+02	1.04E+03	2.28E+03	1.23E+01
General Chemistry	Nitrite	2.29E+00	2.13E+00	4.29E+00	7.10E+00	4.29E-02
General Chemistry	ortho-Phosphate	3.12E+01	7.23E+00	2.00E+01	3.12E+01	--
General Chemistry	Sulfate	1.62E+01	8.09E+01	1.69E+02	3.20E+02	3.44E+02
Metals	Sulfur	4.51E+02	3.31E+02	4.51E+02	4.51E+02	--
OCPs	4,4'-DDE	3.70E-02	1.74E-02	4.00E-02	6.50E-02	--
OCPs	4,4'-DDT	5.20E-02	1.85E-02	4.15E-02	5.70E-02	--
OCPs	Calculated DDx (ND=0.5DL)	9.57E-02	3.82E-02	8.55E-02	1.27E-01	--
OCPs	beta-BHC	4.10E-03	1.34E-02	3.07E-02	5.20E-02	--
OCPs	Hexachlorobenzene	1.30E-02	1.17E-01	1.85E-01	7.60E-01	--
SVOCs	bis(2-Ethylhexyl)phthalate	1.60E-01	7.44E-02	1.11E-01	1.90E-01	--
SVOCs	Di-n-butylphthalate	5.20E-02	5.88E-02	1.27E-01	6.50E-01	--
SVOCs	Octachlorostyrene	1.30E-02	7.32E-02	1.38E-01	6.80E-01	--

Notes:

(a) Neptune provided Ramboll with a copy of the R codes used for the UCL calculation on May 18, 2020. The higher UCL value generated between the bias-corrected accelerated bootstrap method (BCa UCL) and the Student's t-test method was selected. If the calculated UCL's were greater than the maximum detect, then the max was used as a surrogate.

(b) Sulfur UCL set equivalent to maximum detection because the UCL was greater than the max.

% = Percent
AVG = Average
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxin and furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
MAX = Maximum
mg/kg = Milligrams per kilogram
MIN = Minimum
ND = Nondetects
OCPs = Organochlorine pesticides
OU-1 = Operable Unit 1
PCBs = Polychlorinated biphenyls
SLERA = Screening level ecological risk assessment
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
UCL = Upper confidence level of the mean

TABLE 4-3e: Summary of OU-1 Refined SLERA Exposure Point Concentrations: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

All data in mg/kg

Chemical Group	Chemical Name	Parcel E				Background
		MIN	AVG (ND=0.5DL)	95% UCL (a)	MAX	95% UCL (a)
Chlorine Oxyanions	Chlorate	1.90E-01	1.25E+00	2.27E+00	4.20E+00	--
Chlorine Oxyanions	Perchlorate	7.70E-01	3.57E+00	4.80E+00	6.10E+00	--
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	3.50E-06	5.22E-05	1.20E-04	2.65E-04	--
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.44E-06	2.73E-05	7.57E-05	1.39E-04	--
General Chemistry	Ammonia	3.20E+00	3.90E+00	4.27E+00	4.90E+00	--
General Chemistry	Bromide	3.60E+00	4.13E+00	8.38E+00	1.50E+01	--
General Chemistry	Nitrate	1.82E+01	9.48E+01	1.42E+02	2.26E+02	1.23E+01
General Chemistry	Sulfate	6.50E+01	1.60E+03	3.75E+03	6.90E+03	3.44E+02
Metals	Boron	4.80E+00	1.30E+01	2.06E+01	3.20E+01	4.29E+00
OCPs	beta-BHC	1.70E-03	4.09E-03	6.89E-03	1.00E-02	--

Notes:
(a) Neptune provided Ramboll with a copy of the R codes used for the UCL calculation on May 18, 2020. The higher UCL value generated between the bias-corrected accelerated bootstrap method (BCa UCL) and the Student's t-test method was selected. If the calculated UCL's were greater than the maximum detect, then the max was used as a surrogate.

% = Percent
AVG = Average
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxin and furans
DL = Detection limit
MAX = Maximum
mg/kg = Milligrams per kilogram
MIN = Minimum
ND = Nondetects
OCPs = Organochlorine pesticides
OU-1 = Operable Unit 1
SLERA = Screening level ecological risk assessment
TEQ = Toxicity equivalent quotient
TPH = Total petroleum hydrocarbons
UCL = Upper confidence level of the mean

TABLE 4-4: Ecological Screening Values for the Protection of Plants and Invertebrates
Nevada Environmental Response Trust Site
Henderson, Nevada

All data in mg/kg

Chemical Group	Chemical	Plant-Specific Refined SLERA ESV (a)	Source	Invertebate-Specific Refined SLERA ESV (a)	Source
Chlorine Oxyanions	Chlorate	NC	--	NC	--
Chlorine Oxyanions	Perchlorate	4.00E+01	LANL Generic Plant NOAEL	3.50E+00	LANL Earthworm NOAEL
General Chemistry	Ammonia	NC	--	NC	--
General Chemistry	Bromide	NC	--	NC	--
General Chemistry	Nitrate	NC	--	NC	--
General Chemistry	Nitrate/Nitrite	NC	--	NC	--
General Chemistry	Nitrite	NC	--	NC	--
General Chemistry	ortho-Phosphate	NC	--	NC	--
General Chemistry	Sulfate	NC	--	NC	--
Metals	Antimony	5.00E+00	Region 4 Plants	7.80E+01	Eco-SSL Invert
Metals	Boron	3.60E+01	Region 4 Plants	NC	--
Metals	Cadmium	3.20E+01	Eco-SSL Plants	1.40E+02	Eco-SSL Invert
Metals	Iron	NC	--	NC	--
Metals	Lead	1.20E+02	Eco-SSL Plants	1.70E+03	Eco-SSL Invert
Metals	Magnesium	NC	--	NC	--
Metals	Manganese	2.20E+02	Eco-SSL Plants	4.50E+02	Eco-SSL Invert
Metals	Mercury	3.00E-01	Region 4 Plants	5.00E-02	Region 4 Invert
Metals	Sulfur	NC	--	NC	--
Metals	Vanadium	6.00E+01	Region 4 Plants	2.10E+02	CCME 1999 (c)
OCPs	4,4'-DDE (b)	4.10E+00	4,4-DDT LANL Generic Plant NOAEL as surrogate	0.15	Eco-SSL ESV
OCPs	4,4'-DDT (b)	4.10E+00	LANL Generic Plant NOAEL	0.15	Eco-SSL ESV
OCPs	Calculated DDx (ND=0.5DL) (b)	4.10E+00	LANL Generic Plant NOAEL	0.15	Eco-SSL ESV
OCPs	beta-BHC	1.00E-01	gamma-BHC LANL Generic Plant NOAEL as surrogate	3.00E-04	Region 4 Invert
OCPs	Hexachlorobenzene	1.00E+01	Region 4 Plants	1.00E+01	Region 4 Invert
OPPs	Dimethoate	NC	--	NC	--
PCBs	Calculated Total PCBs (ND=0.5DL)	4.00E+01	Region 4 Plants	3.30E-01	Region 4 Invert
SVOCs	bis(2-Ethylhexyl)phthalate	NC	--	8.40E+00	Region 4 Invert
SVOCs	Di-n-butylphthalate	1.60E+02	Region 4 Plants	2.20E-01	Region 4 Invert
SVOCs	Octachlorostyrene	NC	--	NC	--
TPH	EFH (C10-C40)	8.12E+01	LANL Generic Plant NOAEL	1.98E+02	LANL Earthworm NOAEL
VOCs	Formaldehyde	NC	--	NC	--

Notes:

(a) Values are selected based on the following hierarchy: Eco-SSL, Region 4 ESV, Region 6 ESV, ORNL ESV, LANL, and other criteria.
(b) Invertebrate ESV is from the USEPA 2007 DDx Eco-SSL (USEPA 2007) and is the geomean of 5 studies from Table 4.1, which had organic matter from 0 to 2% and a bioavailability score of 1, divided by a factor of 10 to reflect an acute to chronic value.
(c) There is a scarcity of literature availabe on vanadium toxicity for soil invertebrates. Environment Canada reported a vanadium pentoxide No Observed Effect Concentration of 210 mg/kg on earthworms in artificial soil. This value was used in the invertebrate screening.

BHC = Benzene hexachloride
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlordiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection level
Eco-SSL = Ecological soil screening levels (USEPA 2007)
EFH = Extractable fuel hydrocarbons
ESV = Ecological screening value
Invert = Invertebrate
LANL = Los Alamos National Laboratory
mg/kg = Milligram per kilogram
NC = No criteria available
ND = Not detected
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
ORNL = Oak Ridge National Laboratory (ORNL 1997)
PCBs = Polychlorinated biphenyls
Region 4 = USEPA Region 4 (2018)
SLERA = Screening level ecological risk assessment
SVOCs = Semivolatile organic compounds
TPH = Total petroleum hydrocarbons
TRV = Toxicity reference value
USEPA = United States Environmental Protection Agency
VOCs = Volatile organic compounds

References:

CCME 1999: Canadian Council of Ministers of the Environmental. 1999. Canadian Soil Quality Guidelines for the Protection of Environmental and Human Health Vanadium. http://ceqg-rcqe.ccme.ca/download/en/286?redir=1580833536

Eco-SSL ESVs: USEPA. 2007. Ecological Soil Screening Level (Eco-SSL) Guidance and Documents. https://www.epa.gov/risk/ecological-soil-screening-level-eco-ssl-guidance-and-documents.

LANL 2020 ESVs: N3B (Newport News Nuclear BWXT-Los Alamos, LLC), November 2020. "ECORISK Database (Release 4.2)," on CD, Newport News Nuclear BWXT-Los Alamos, LLC, document EM2020-0575, Los Alamos, New Mexico.

ORNL ESVs: Efroymson, R.A. , M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, TN. ES/ER/TM-126/R2. (Available at http://www.esd.ornl.gov/programs/ecorisk/documents/tm126r21.pdf).

USEPA Region 4 ESVs: USEPA Region 4. Regional Ecological Risk Assessment (ERA) Supplemental Guidance. https://www.epa.gov/risk/regional-ecological-risk-assessment-era-supplemental-guidance (Accessed April 16, 2018).

TABLE 4-5a: Potential Risks to Terrestrial Plants from Soil: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Terrestrial Plants Screening Value	Source	Operations Area						Background		Next Step
				EPC			Potential Risks to Terrestrial Plants			BKG EPC	Potential Risks to Terrestrial Plants	
				AVG	95% UCL	MAX	AVG	95% UCL	MAX	95% UCL	95% UCL	
				mg/kg	mg/kg	mg/kg	HQ	HQ	HQ	mg/kg	HQ	
Chlorine Oxyanions	Chlorate	NC	--	5.19E+01	1.00E+02	2.58E+03	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
Chlorine Oxyanions	Perchlorate (a)	4.00E+01	LANL Generic Plant NOAEL (ESV)	1.00E+02	1.60E+02	4.47E+03	3	4	100	--	No BKG	Location-specific screening conducted
		8.00E+01	LANL Generic Plant LOAEL (RSV)	1.00E+02	1.60E+02	4.47E+03	**1**	2	60	--	No BKG	Location-specific screening conducted
General Chemistry	Ammonia	NC	--	4.13E+00	7.70E+00	1.62E+02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Bromide	NC	--	9.08E-01	1.25E+00	4.70E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrate	NC	--	6.48E+01	1.11E+02	2.28E+03	No ESV	No ESV	No ESV	1.23E+01	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrate/Nitrite	NC	--	3.72E+01	5.32E+01	2.39E+02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrite	NC	--	9.09E-01	1.10E+00	7.10E+00	No ESV	No ESV	No ESV	4.29E-02	No ESV	No criteria, treated as an uncertainty
General Chemistry	ortho-Phosphate	NC	--	3.34E+01	9.60E+01	9.97E+02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Sulfate	NC	--	1.26E+03	1.80E+03	1.95E+04	No ESV	No ESV	No ESV	3.44E+02	No ESV	No criteria, treated as an uncertainty
Metals	Antimony	5.00E+00	Region 4 Plants	4.06E-01	4.70E-01	2.40E+00	0.08	0.09	0.5	2.14E-01	0.04	No further screening needed
Metals	Boron (a)	3.60E+01	Region 4 Plants (ESV)	2.62E+01	5.34E+01	1.51E+03	0.7	**1**	40	4.29E+00	0.1	No further screening needed
		8.66E+01	LANL Generic Plant LOAEL (RSV)	2.62E+01	5.34E+01	1.51E+03	0.3	0.6	20	4.29E+00	0.05	No further screening needed
Metals	Iron	NC	--	1.67E+04	1.91E+04	1.40E+05	No ESV	No ESV	No ESV	1.37E+04	No ESV	No criteria, treated as an uncertainty
Metals	Lead	1.20E+02	Eco-SSL Plants	1.47E+01	1.92E+01	2.67E+02	0.1	0.2	2	9.24E+00	0.08	No further screening needed
Metals	Magnesium	NC	--	1.45E+04	1.88E+04	1.89E+05	No ESV	No ESV	No ESV	1.08E+04	No ESV	No criteria, treated as an uncertainty
Metals	Manganese (b)	2.20E+02	Eco-SSL Plants (ESV)	3.11E+03	8.55E+03	2.50E+05	10	40	1,000	4.37E+02	2	Location-specific screening conducted
		7.07E+02	Eco-SSL (RSV)	3.11E+03	8.55E+03	2.50E+05	4	10	400	4.37E+02	0.6	Location-specific screening conducted
Metals	Mercury	3.00E-01	Region 4 Plants	5.21E-02	7.87E-02	1.80E+00	0.2	0.3	6	2.14E-02	0.07	No further screening needed
Metals	Sulfur	NC	--	1.20E+03	2.48E+03	1.40E+04	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
Metals	Vanadium	6.00E+01	Region 4 Plants	4.12E+01	4.27E+01	6.76E+01	0.7	0.7	**1**	4.06E+01	0.7	No further screening needed
OCPs	4,4'-DDE	4.10E+00	4,4-DDT LANL Generic Plant NOAEL as surrogate	6.73E-02	1.61E-01	3.50E+00	0.02	0.04	0.9	--	No BKG	No further screening needed
OCPs	4,4'-DDT	4.10E+00	LANL Generic Plant NOAEL	2.17E-02	4.30E-02	7.70E-01	0.005	0.01	0.2	--	No BKG	No further screening needed
OCPs	Calculated DDx (ND=0.5DL)	4.10E+00	LANL Generic Plant NOAEL	9.35E-02	1.89E-01	4.30E+00	0.02	0.05	**1**	--	No BKG	No further screening needed
OCPs	beta-BHC (a)	1.00E-01	gamma-BHC LANL Generic Plant NOAEL as surrogate (ESV)	3.84E-02	5.96E-02	8.70E-01	0.4	0.6	9	--	No BKG	No further screening needed
		1.00E+00	gamma-BHC LANL Generic Plant LOAEL as surrogate (RSV)	3.84E-02	5.96E-02	8.70E-01	0.04	0.06	0.9	--	No BKG	No further screening needed
OCPs	Hexachlorobenzene	1.00E+01	Region 4 Plants	1.30E-01	1.79E-01	4.60E+00	0.01	0.02	0.5	--	No BKG	No further screening needed
PCBs	Calculated Total PCBs (ND=0.5DL)	4.00E+01	Region 4 Plants	1.18E-01	1.90E-01	8.59E-01	0.003	0.005	0.02	--	No BKG	No further screening needed
SVOCs	bis(2-Ethylhexyl)phthalate	NC	--	9.12E-02	1.14E-01	8.20E-01	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
SVOCs	Di-n-butylphthalate	1.60E+02	Region 4 Plants	7.41E-02	1.04E-01	1.70E+00	0.0005	0.0006	0.01	--	No BKG	No further screening needed
SVOCs	Octachlorostyrene	NC	--	5.09E-01	1.04E+00	1.30E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
TPH	EFH (C10-C40) (a)	8.12E+01	LANL Generic Plant NOAEL (ESV)	8.95E+01	1.78E+02	9.50E+02	**1**	2	10	--	No BKG	Location-specific screening conducted
		4.19E+02	LANL Generic Plant LOAEL (RSV)	8.95E+01	1.78E+02	9.50E+02	0.2	0.4	2	--	No BKG	No further screening needed
VOCs	Formaldehyde	NC	--	7.50E-02	8.90E-02	8.90E-02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty

TABLE 4-5a: Potential Risks to Terrestrial Plants from Soil: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

Efforts were made to identify ecological benchmarks specific to plants. When specific plant ecological benchmarks are not available, the chemical was not screened but treated as an uncertainty.

(a) The LANL database contains both LOAEL and NOAEL TRVs, which are used for ESVs and RSVs, respectively. The NOAEL TRV (ESV) provides an initial screening step to characterize risks while the LOAEL TRV (RSV) provides a more realistic look at the risk. For perchlorate beta-BHC, and EFH (C10-C40), soil concentrations were compared to both ESVs and RSVs. For boron, the Region 4 ESV and the LANL RSV were used for comparison.

(b) The ESV is from the Eco-SSL (Eco-SSL 2007). The toxicity value (707 mg/kg) for the less-sensitive plant species (i.e., cotton and nile grass), as provided in the USEPA (2007) Eco-SSL derivation for terrestrial plants, is used as the RSV to further to characterize risk to terrestrial plants.

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1,000	100 < HQ

% = Percent
AVG = Average (with non-detects treated as one-half the detection limit)
BHC = Benzene hexachloride
BKG = Background
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
Eco-SSL = Ecological soil screening level
EFH = Extractable fuel hydrocarbons
EPC = Exposure point concentration
ESV = Ecological screening value
HQ = Hazard quotient
LANL = Los Alamos National Laboratory
LOAEL = Lowest observed adverse effect level
MAX = Maximum
mg/kg = Milligrams per kilogram
NC = No criterion
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
Region 4 = USEPA Region 4 (2018)
RSV = Refined screening value
SVOCs = Semivolatile organic compounds
TPH = Total petroleum hydrocarbons
TRVs = Toxicity reference values
UCL = Upper confidence limit
USEPA = United States Environmental Protection Agency
VOCs = Volatile organic compounds

References:

Eco-SSL ESVs and RSVs: USEPA. 2007. Ecological Soil Screening Level (Eco-SSL) Guidance and Documents. https://www.epa.gov/risk/ecological-soil-screening-level-eco-ssl-guidance-and-documents.
LANL 2020 ESVs and RSVs: N3B (Newport News Nuclear BWXT-Los Alamos, LLC), November 2020. “ECORISK Database (Release 4.2),” on CD, Newport News Nuclear BWXT-Los Alamos, LLC, document EM2020-0575, Los Alamos, New Mexico.
USEPA Region 4 ESVs: USEPA Region 4. Regional Ecological Risk Assessment (ERA) Supplemental Guidance. https://www.epa.gov/risk/regional-ecological-risk-assessment-era-supplemental-guidance (Accessed April 16, 2018).

TABLE 4-5b: Potential Risks to Terrestrial Plants from Soil: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Terrestrial Plants Screening Value	Source	Eco DU-1						Background		Next Step
				EPC			Potential Risks to Terrestrial Plants			BKG EPC	Potential Risks to Terrestrial Plants	
				AVG	95% UCL	MAX	AVG	95% UCL	MAX	95% UCL	95% UCL	
				mg/kg	mg/kg	mg/kg	HQ	HQ	HQ	mg/kg	HQ	
Chlorine Oxyanions	Chlorate	NC	--	6.27E+01	1.24E+02	2.58E+03	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
Chlorine Oxyanions	Perchlorate (a)	4.00E+01	LANL Generic Plant NOAEL (ESV)	7.79E+01	1.57E+02	4.47E+03	2	4	100	--	No BKG	Location-specific screening conducted
		8.00E+01	LANL Generic Plant LOAEL (RSV)	7.79E+01	1.57E+02	4.47E+03	**1**	2	60	--	No BKG	Location-specific screening conducted
General Chemistry	Ammonia	NC	--	3.83E+00	1.01E+01	1.62E+02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Bromide	NC	--	1.13E+00	1.57E+00	4.70E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrate	NC	--	4.56E+01	5.83E+01	3.60E+02	No ESV	No ESV	No ESV	1.23E+01	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrate/Nitrite	NC	--	3.72E+01	5.24E+01	2.39E+02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrite	NC	--	9.76E-01	1.18E+00	4.60E+00	No ESV	No ESV	No ESV	4.29E-02	No ESV	No criteria, treated as an uncertainty
General Chemistry	ortho-Phosphate	NC	--	4.34E+01	1.40E+02	9.97E+02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Sulfate	NC	--	9.69E+02	1.44E+03	1.21E+04	No ESV	No ESV	No ESV	3.44E+02	No ESV	No criteria, treated as an uncertainty
Metals	Antimony	5.00E+00	Region 4 Plants	3.64E-01	4.41E-01	2.40E+00	0.07	0.09	0.5	2.14E-01	0.04	No further screening needed
Metals	Boron (a)	3.60E+01	Region 4 Plants (ESV)	2.88E+01	6.35E+01	1.51E+03	0.8	2	40	4.29E+00	0.1	No further screening needed because RSV used
		8.66E+01	LANL Generic Plant LOAEL (RSV)	2.88E+01	6.35E+01	1.51E+03	0.3	0.7	20	4.29E+00	0.05	No further screening needed
Metals	Iron	NC	--	1.70E+04	1.99E+04	1.40E+05	No ESV	No ESV	No ESV	1.37E+04	No ESV	No criteria, treated as an uncertainty
Metals	Lead	1.20E+02	Eco-SSL Plants	1.47E+01	1.98E+01	2.67E+02	0.1	0.2	2	9.24E+00	0.08	No further screening needed
Metals	Magnesium	NC	--	1.56E+04	2.08E+04	1.89E+05	No ESV	No ESV	No ESV	1.08E+04	No ESV	No criteria, treated as an uncertainty
Metals	Manganese (b)	2.20E+02	Eco-SSL Plants (ESV)	3.62E+03	8.69E+03	2.50E+05	20	40	1,000	4.37E+02	2	Location-specific screening conducted
		7.07E+02	Eco-SSL (RSV)	3.62E+03	8.69E+03	2.50E+05	5	10	400	4.37E+02	0.6	Location-specific screening conducted
Metals	Mercury	3.00E-01	Region 4 Plants	5.87E-02	1.02E-01	1.80E+00	0.2	0.3	6	2.14E-02	0.07	No further screening needed
Metals	Sulfur	NC	--	1.35E+03	2.97E+03	1.40E+04	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
Metals	Vanadium	6.00E+01	Region 4 Plants	4.20E+01	4.39E+01	6.76E+01	0.7	0.7	**1**	4.06E+01	0.7	No further screening needed
OCPs	4,4'-DDE	4.10E+00	4,4-DDT LANL Generic Plant NOAEL as surrogate	7.23E-02	1.88E-01	3.50E+00	0.02	0.05	0.9	--	No BKG	No further screening needed
OCPs	4,4'-DDT	4.10E+00	LANL Generic Plant NOAEL	1.81E-02	4.34E-02	7.70E-01	0.004	0.01	0.2	--	No BKG	No further screening needed
OCPs	Calculated DDx (ND=0.5DL)	4.10E+00	LANL Generic Plant NOAEL	9.52E-02	2.33E-01	4.30E+00	0.02	0.06	**1**	--	No BKG	No further screening needed
OCPs	beta-BHC (a)	1.00E-01	gamma-BHC LANL Generic Plant NOAEL as surrogate (ESV)	4.42E-02	7.18E-02	8.70E-01	0.4	0.7	9	--	No BKG	No further screening needed
		1.00E+00	gamma-BHC LANL Generic Plant LOAEL as surrogate (RSV)	4.42E-02	7.18E-02	8.70E-01	0.04	0.07	0.9	--	No BKG	No further screening needed
OCPs	Hexachlorobenzene	1.00E+01	Region 4 Plants	1.49E-01	2.18E-01	4.60E+00	0.01	0.02	0.5	--	No BKG	No further screening needed
PCBs	Calculated Total PCBs (ND=0.5DL)	4.00E+01	Region 4 Plants	1.25E-01	1.95E-01	8.59E-01	0.003	0.005	0.02	--	No BKG	No further screening needed
SVOCs	bis(2-Ethylhexyl)phthalate	NC	--	9.56E-02	1.26E-01	8.20E-01	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
SVOCs	Di-n-butylphthalate	1.60E+02	Region 4 Plants	8.03E-02	1.18E-01	1.70E+00	0.0005	0.0007	0.01	--	No BKG	No further screening needed
SVOCs	Octachlorostyrene	NC	--	6.60E-01	1.30E+00	1.30E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
TPH	EFH (C10-C40) (a)	8.12E+01	LANL Generic Plant NOAEL (ESV)	8.95E+01	1.71E+02	9.50E+02	**1**	2	10	--	No BKG	Location-specific screening conducted
		4.19E+02	LANL Generic Plant LOAEL (RSV)	8.95E+01	1.71E+02	9.50E+02	0.2	0.4	2	--	No BKG	No further screening needed
VOCs	Formaldehyde	NC	--	7.50E-02	8.90E-02	8.90E-02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty

TABLE 4-5b: Potential Risks to Terrestrial Plants from Soil: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

Efforts were made to identify ecological benchmarks specific to plants. When specific plant ecological benchmarks are not available, the chemical was not screened but treated as an uncertainty.

(a) The LANL database contains both LOAEL and NOAEL TRVs, which are used for ESVs and RSVs, respectively. The NOAEL TRV (ESV) provides an initial screening step to characterize risk while the LOAEL TRV (RSV) provides a more realistic look at the risk. For perchlorate beta-BHC, and EFH (C10-C40), soil concentrations were compared to both ESVs and RSVs. For boron, the Region 4 ESV and the LANL RSV were used for comparison.

(b) The ESV is from the Eco-SSL (Eco-SSL 2007). The toxicity value (707 mg/kg) for the less-sensitive plant species (i.e., cotton and nile grass), as provided in the USEPA (2007) Eco-SSL derivation for terrestrial plants, is used as the RSV to further to characterize risk to terrestrial plants.

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1,000	100 < HQ

% = Percent
AVG = Average (with non-detects treated as one-half the detection limit)
BHC = Benzene hexachloride
BKG = Background
CO3 = Carbonate
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
Eco-SSL = Ecological soil screening level
EFH = Extractable fuel hydrocarbons
EPC = Exposure point concentration
ESV = Ecological screening value
HCO3 = Bicarbonate
HQ = Hazard quotient
LANL = Los Alamos National Laboratory
LOAEL = Lowest observed adverse effect level
MAX = Maximum
mg/kg = Milligrams per kilogram
NC = No criterion
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
Region 4 = USEPA Region 4
RSV = Refined screening value
SVOCs = Semivolatile organic compounds
TPH = Total petroleum hydrocarbons
TRVs = Toxicity reference values
UCL = Upper confidence limit
USEPA = United States Environmental Protection Agency

References:

Eco-SSL ESVs and RSVs: USEPA. 2007. Ecological Soil Screening Level (Eco-SSL) Guidance and Documents. https://www.epa.gov/risk/ecological-soil-screening-level-eco-ssl-guidance-and-documents.
LANL 2020 ESVs and RSVs: N3B (Newport News Nuclear BWXT-Los Alamos, LLC), November 2020. “ECORISK Database (Release 4.2),” on CD, Newport News Nuclear BWXT-Los Alamos, LLC, document EM2020-0575, Los Alamos, New Mexico.
USEPA Region 4 ESVs: USEPA Region 4. Regional Ecological Risk Assessment (ERA) Supplemental Guidance. https://www.epa.gov/risk/regional-ecological-risk-assessment-era-supplemental-guidance (Accessed April 16, 2018).

TABLE 4-5c: Potential Risks to Terrestrial Plants from Soil: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Terrestrial Plants Screening Value	Source	Eco DU-2						Background		Next Step
				EPC			Potential Risks to Terrestrial Plants			BKG EPC	Potential Risks to Terrestrial Plants	
				AVG	95% UCL	MAX	AVG	95% UCL	MAX	95% UCL	95% UCL	
				mg/kg	mg/kg	mg/kg	HQ	HQ	HQ	mg/kg	HQ	
Chlorine Oxyanions	Chlorate	NC	--	9.77E+00	2.40E+01	1.08E+02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
Chlorine Oxyanions	Perchlorate (a)	4.00E+01	LANL Generic Plant NOAEL (ESV)	4.47E+00	8.32E+00	3.43E+01	0.1	0.2	0.9	--	No BKG	No further screening needed
		8.00E+01	LANL Generic Plant LOAEL (RSV)	4.47E+00	8.32E+00	3.43E+01	0.06	0.1	0.4	--	No BKG	No further screening needed
General Chemistry	Ammonia	NC	--	2.13E-01	4.04E-01	1.35E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Bromide	NC	--	1.79E-01	3.17E-01	1.10E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrate	NC	--	4.86E+01	7.24E+01	1.91E+02	No ESV	No ESV	No ESV	1.23E+01	No ESV	No criteria, treated as an uncertainty
General Chemistry	ortho-Phosphate	NC	--	1.71E+00	3.57E+00	7.20E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Sulfate	NC	--	2.93E+03	5.69E+03	1.95E+04	No ESV	No ESV	No ESV	3.44E+02	No ESV	No criteria, treated as an uncertainty
Metals	Antimony	5.00E+00	Region 4 Plants	7.16E-01	9.50E-01	2.20E+00	0.1	0.2	0.4	2.14E-01	0.04	No further screening needed
Metals	Boron (a)	3.60E+01	Region 4 Plants (ESV)	1.88E+01	3.16E+01	1.12E+02	0.5	0.9	3	4.29E+00	0.1	No further screening needed
		8.66E+01	LANL Generic Plant LOAEL (RSV)	1.88E+01	3.16E+01	1.12E+02	0.2	0.4	**1**	4.29E+00	0.05	No further screening needed
Metals	Cadmium	3.20E+01	Eco-SSL Plants	4.97E-01	1.56E+00	8.88E+00	0.02	0.05	0.3	6.46E-02	0.002	No further screening needed
Metals	Iron	NC	--	1.64E+04	1.96E+04	3.95E+04	No ESV	No ESV	No ESV	1.37E+04	No ESV	No criteria, treated as an uncertainty
Metals	Lead	1.20E+02	Eco-SSL Plants	1.70E+01	2.89E+01	1.12E+02	0.1	0.2	0.9	9.24E+00	0.08	No further screening needed
Metals	Sulfur	NC	--	8.30E+02	1.14E+03	1.29E+03	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
OCPs	4,4'-DDE	4.10E+00	4,4-DDT LANL Generic Plant NOAEL as surrogate	5.66E-02	2.46E-01	9.10E-01	0.01	0.06	0.2	--	No BKG	No further screening needed
OCPs	4,4'-DDT	4.10E+00	LANL Generic Plant NOAEL	4.16E-02	1.43E-01	6.10E-01	0.01	0.03	0.1	--	No BKG	No further screening needed
OCPs	Calculated DDx (ND=0.5DL)	4.10E+00	LANL Generic Plant NOAEL	1.02E-01	3.60E-01	1.56E+00	0.02	0.09	0.4	--	No BKG	No further screening needed
OCPs	beta-BHC (a)	1.00E-01	gamma-BHC LANL Generic Plant NOAEL as surrogate (ESV)	1.55E-02	4.04E-02	1.50E-01	0.2	0.4	2	--	No BKG	No further screening needed
		1.00E+00	gamma-BHC LANL Generic Plant LOAEL as surrogate (RSV)	1.55E-02	4.04E-02	1.50E-01	0.02	0.04	0.2	--	No BKG	No further screening needed
OPPs	Dimethoate	NC	--	6.74E-03	9.10E-03	9.10E-03	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
SVOCs	Di-n-butylphthalate	1.60E+02	Region 4 Plants	5.11E-02	6.84E-02	1.10E-01	0.0003	0.0004	0.0007	--	No BKG	No further screening needed

TABLE 4-5c: Potential Risks to Terrestrial Plants from Soil: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:
Efforts were made to identify ecological benchmarks specific to plants. When specific plant ecological benchmarks are not available, the chemical was not screened but treated as an uncertainty.
(a) The LANL database contains both LOAEL and NOAEL TRVs, which are used for ESVs and RSVs, respectively. The NOAEL TRV (ESV) provides an initial screening step to characterize risk while the LOAEL TRV (RSV) provides a more realistic look at the risk. For perchlorate and beta-BHC, soil concentrations were compared to both ESVs and RSVs. For boron, the Region 4 ESV and the LANL RSV were used for comparison.

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10

% = Percent
AVG = Average (with non-detects treated as one-half the detection limit)
BHC = Benzene hexachloride
BKG = Background
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
Eco-SSL = Ecological soil screening level
EPC = Exposure point concentration
ESV = Ecological screening value
HQ = Hazard quotient
LANL = Los Alamos National Laboratory
LOAEL = Lowest observed adverse effect level
mg/kg = Milligrams per kilogram
NC = No criterion
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
Region 4 = USEPA Region 4 (2018)
RSV = Refined screening value
SVOCs = Semivolatile organic compounds
TRVs = Toxicity reference values
UCL = Upper confidence limit
USEPA = United States Environmental Protection Agency

References:
Eco-SSL ESVs: USEPA. 2007. Ecological Soil Screening Level (Eco-SSL) Guidance and Documents. https://www.epa.gov/risk/ecological-soil-screening-level-eco-ssl-guidance-and-documents.
LANL 2020 ESVs and RSVs: N3B (Newport News Nuclear BWXT-Los Alamos, LLC), November 2020. "ECORISK Database (Release 4.2)," on CD, Newport News Nuclear BWXT-Los Alamos, LLC, document EM2020-0575, Los Alamos, New Mexico.
USEPA Region 4 ESVs: USEPA Region 4. Regional Ecological Risk Assessment (ERA) Supplemental Guidance. https://www.epa.gov/risk/regional-ecological-risk-assessment-era-supplemental-guidance (Accessed April 16, 2018).

TABLE 4-5d: Potential Risks to Terrestrial Plants from Soil: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Terrestrial Plants Screening Value	Source	Eco DU-3						Background		Next Step
				EPC			Potential Risks to Terrestrial Plants			BKG EPC	Potential Risks to Terrestrial Plants	
				AVG	95% UCL	MAX	AVG	95% UCL	MAX	95% UCL	95% UCL	
				mg/kg	mg/kg	mg/kg	HQ	HQ	HQ	mg/kg	HQ	
Chlorine Oxyanions	Chlorate	NC	--	2.73E+00	7.58E+00	1.57E+01	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
Chlorine Oxyanions	Perchlorate (a)	4.00E+01	LANL Generic Plant NOAEL (ESV)	3.91E+02	6.22E+02	1.69E+03	10	20	40	--	No BKG	Location-specific screening conducted
		8.00E+01	LANL Generic Plant LOAEL (RSV)	3.91E+02	6.22E+02	1.69E+03	5	8	20	--	No BKG	Location-specific screening conducted
General Chemistry	Ammonia	NC	--	2.23E+01	4.99E+01	7.11E+01	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrate	NC	--	3.57E+02	1.04E+03	2.28E+03	No ESV	No ESV	No ESV	1.23E+01	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrite	NC	--	2.13E+00	4.29E+00	7.10E+00	No ESV	No ESV	No ESV	4.29E-02	No ESV	No criteria, treated as an uncertainty
General Chemistry	ortho-Phosphate	NC	--	7.23E+00	2.00E+01	3.12E+01	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Sulfate	NC	--	8.09E+01	1.69E+02	3.20E+02	No ESV	No ESV	No ESV	3.44E+02	No ESV	No criteria, treated as an uncertainty
Metals	Sulfur	NC	--	3.31E+02	4.51E+02	4.51E+02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
OCPs	4,4'-DDE	4.10E+00	4,4-DDT LANL Generic Plant NOAEL as surrogate	1.74E-02	4.00E-02	6.50E-02	0.004	0.01	0.02	--	No BKG	No further screening needed
OCPs	4,4'-DDT	4.10E+00	LANL Generic Plant NOAEL	1.85E-02	4.15E-02	5.70E-02	0.005	0.01	0.01	--	No BKG	No further screening needed
OCPs	Calculated DDx (ND=0.5DL)	4.10E+00	LANL Generic Plant NOAEL	3.82E-02	8.55E-02	1.27E-01	0.009	0.02	0.03	--	No BKG	No further screening needed
OCPs	beta-BHC (a)	1.00E-01	gamma-BHC LANL Generic Plant NOAEL as surrogate (ESV)	1.34E-02	3.07E-02	5.20E-02	0.1	0.3	0.5	--	No BKG	No further screening needed
		1.00E+00	gamma-BHC LANL Generic Plant LOAEL as surrogate (RSV)	1.34E-02	3.07E-02	5.20E-02	0.01	0.03	0.05	--	No BKG	No further screening needed
OCPs	Hexachlorobenzene	1.00E+01	Region 4 Plants	1.17E-01	1.85E-01	7.60E-01	0.01	0.02	0.08	--	No BKG	No further screening needed
SVOCs	bis(2-Ethylhexyl)phthalate	NC	--	7.44E-02	1.11E-01	1.90E-01	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
SVOCs	Di-n-butylphthalate	1.60E+02	Region 4 Plants	5.88E-02	1.27E-01	6.50E-01	0.0004	0.0008	0.004	--	No BKG	No further screening needed
SVOCs	Octachlorostyrene	NC	--	7.32E-02	1.38E-01	6.80E-01	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty

Notes:
Efforts were made to identify ecological benchmarks specific to plants. When specific plant ecological benchmarks are not available, the chemical was not screened but treated as an uncertainty.
(a) The LANL database contains both LOAEL and NOAEL TRVs, which are used for ESVs and RSVs, respectively. The NOAEL TRV (ESV) provides an initial screening step to characterize risk while the LOAEL TRV (RSV) provides a more realistic look at the risk. For perchlorate and beta-BHC, soil concentrations were compared to both ESVs and RSVs.

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

% = Percent
AVG = Average (with non-detects treated as one-half the detection limit)
BHC = Benzene hexachloride
BKG = Background
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
Eco-SSL = Ecological soil screening level
EPC = Exposure point concentration
ESV = Ecological screening value
HQ = Hazard quotient
LANL = Los Alamos National Laboratory
LOAEL = Lowest observed adverse effect level
MAX = Maximum
mg/kg = Milligrams per kilogram
NC = No criterion
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
Region 4 = USEPA Region 4 (2018)
RSV = Refined screening value
SVOCs = Semivolatile organic compounds
TRVs = Toxicity reference values
UCL = Upper confidence limit
USEPA = United States Environmental Protection Agency

References:
LANL 2020 ESVs and RSVs: N3B (Newport News Nuclear BWXT-Los Alamos, LLC), November 2020. "ECORISK Database (Release 4.2)," on CD, Newport News Nuclear BWXT-Los Alamos, LLC, document EM2020-0575, Los Alamos, New Mexico.
USEPA Region 4 ESVs: USEPA Region 4. Regional Ecological Risk Assessment (ERA) Supplemental Guidance. https://www.epa.gov/risk/regional-ecological-risk-assessment-era-supplemental-guidance (Accessed April 16, 2018).

TABLE 4-5e: Potential Risks to Terrestrial Plants from Soil: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Terrestrial Plants Screening Value	Source	Parcel E						Background		Next Step
				EPC			Potential Risks to Terrestrial Plants			BKG EPC	Potential Risks to Terrestrial Plants	
				AVG	95% UCL	MAX	AVG	95% UCL	MAX	95% UCL	95% UCL	
				mg/kg	mg/kg	mg/kg	HQ	HQ	HQ	mg/kg	HQ	
Chlorine Oxyanions	Chlorate	NC	--	1.25E+00	2.27E+00	4.20E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
Chlorine Oxyanions	Perchlorate (a)	4.00E+01	LANL Generic Plant NOAEL (ESV)	3.57E+00	4.80E+00	6.10E+00	0.09	0.1	0.2	--	No BKG	No further screening needed
		8.00E+01	LANL Generic Plant LOAEL (RSV)	3.57E+00	4.80E+00	6.10E+00	0.04	0.06	0.08	--	No BKG	No further screening needed
General Chemistry	Ammonia	NC	--	3.90E+00	4.27E+00	4.90E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Bromide	NC	--	4.13E+00	8.38E+00	1.50E+01	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrate	NC	--	9.48E+01	1.42E+02	2.26E+02	No ESV	No ESV	No ESV	1.23E+01	No ESV	No criteria, treated as an uncertainty
General Chemistry	Sulfate	NC	--	1.60E+03	3.75E+03	6.90E+03	No ESV	No ESV	No ESV	3.44E+02	No ESV	No criteria, treated as an uncertainty
Metals	Boron (a)	3.60E+01	Region 4 Plants (ESV)	1.30E+01	2.06E+01	3.20E+01	0.4	0.6	0.9	4.29E+00	0.1	No further screening needed
		8.66E+01	LANL Generic Plant LOAEL (RSV)	1.30E+01	2.06E+01	3.20E+01	0.2	0.2	0.4	4.29E+00	0.05	No further screening needed
OCPs	beta-BHC (a)	1.00E-01	gamma-BHC LANL Generic Plant NOAEL as surrogate (ESV)	4.09E-03	6.89E-03	1.00E-02	0.04	0.07	0.1	--	No BKG	No further screening needed
		1.00E+00	gamma-BHC LANL Generic Plant LOAEL as surrogate (RSV)	4.09E-03	6.89E-03	1.00E-02	0.004	0.007	0.01	--	No BKG	No further screening needed

Notes:
Efforts were made to identify ecological benchmarks specific to plants. When specific plant ecological benchmarks are not available, the chemical was not screened but treated as an uncertainty.
(a) The LANL database contains both LOAEL and NOAEL TRVs, which are used for ESVs and RSVs, respectively. The NOAEL TRV (ESV) provides an initial screening step to characterize risk while the LOAEL TRV (RSV) provides a more realistic look at the risk. For perchlorate and beta-BHC, soil concentrations were compared to both ESVs and RSVs. For boron, the Region 4 ESV and the LANL RSV were used for comparison.

0.5	HQ<1

% = Percent	MAX = Maximum
AVG = Average (with non-detects treated as one-half the detection limit)	mg/kg = Milligrams per kilogram
BHC = Benzene hexachloride	NC = No criterion
BKG = Background	ND = Nondetects
DL = Detection limit	NOAEL = No observed adverse effect level
Eco-SSL = Ecological soil screening level	OCPs = Organochlorine pesticides
EPC = Exposure point concentration	Region 4 = USEPA Region 4 (2018)
ESV = Ecological screening value	TPH = Total petroleum hydrocarbons
HQ = Hazard quotient	TRVs = Toxicity reference values
LANL = Los Alamos National Laboratory	UCL = Upper confidence limit
LOAEL = Lowest observed adverse effect level	USEPA = United States Environmental Protection Agency

References:
LANL 2020 ESVs and RSVs: N3B (Newport News Nuclear BWXT-Los Alamos, LLC), November 2020. "ECORISK Database (Release 4.2)," on CD, Newport News Nuclear BWXT-Los Alamos, LLC, document EM2020-0575, Los Alamos, New Mexico.
USEPA Region 4 ESVs: USEPA Region 4. Regional Ecological Risk Assessment (ERA) Supplemental Guidance. https://www.epa.gov/risk/regional-ecological-risk-assessment-era-supplemental-guidance (Accessed April 16, 2018).

TABLE 4-6a: Potential Risks to Terrestrial Invertebrates from Soil: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Terrestrial Invertebrates Screening Value	Source	Operations Area						Background		Next Step
				EPC			Potential Risks to Terrestrial Invertebrates			EPC	Potential Risks to Terrestrial Invertebrates	
				AVG	95% UCL	MAX	AVG	95% UCL	MAX	95% UCL	95% UCL	
				mg/kg	mg/kg	mg/kg	HQ	HQ	HQ	mg/kg	HQ	
Chlorine Oxyanions	Chlorate	NC	--	5.19E+01	1.00E+02	2.58E+03	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
Chlorine Oxyanions	Perchlorate (a)	3.50E+00	LANL Earthworm NOAEL (ESV)	1.00E+02	1.60E+02	4.47E+03	30	50	1,000	--	No BKG	Location-specific screening conducted
		3.50E+01	LANL Earthworm LOAEL (RSV)	1.00E+02	1.60E+02	4.47E+03	3	5	100	--	No BKG	Location-specific screening conducted
General Chemistry	Ammonia	NC	--	4.13E+00	7.70E+00	1.62E+02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Bromide	NC	--	9.08E-01	1.25E+00	4.70E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrate	NC	--	6.48E+01	1.11E+02	2.28E+03	No ESV	No ESV	No ESV	1.23E+01	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrate/Nitrite	NC	--	3.72E+01	5.32E+01	2.39E+02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrite	NC	--	9.09E-01	1.10E+00	7.10E+00	No ESV	No ESV	No ESV	4.29E-02	No ESV	No criteria, treated as an uncertainty
General Chemistry	ortho-Phosphate	NC	--	3.34E+01	9.60E+01	9.97E+02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Sulfate	NC	--	1.26E+03	1.80E+03	1.95E+04	No ESV	No ESV	No ESV	3.44E+02	No ESV	No criteria, treated as an uncertainty
Metals	Antimony	7.80E+01	Eco-SSL Invert	4.06E-01	4.70E-01	2.40E+00	0.005	0.006	0.03	2.14E-01	0.003	No further screening needed
Metals	Boron	NC	--	2.62E+01	5.34E+01	1.51E+03	No ESV	No ESV	No ESV	4.29E+00	No ESV	No criteria, treated as an uncertainty
Metals	Iron	NC	--	1.67E+04	1.91E+04	1.40E+05	No ESV	No ESV	No ESV	1.37E+04	No ESV	No criteria, treated as an uncertainty
Metals	Lead	1.70E+03	Eco-SSL Invert	1.47E+01	1.92E+01	2.67E+02	0.009	0.01	0.2	9.24E+00	0.005	No further screening needed
Metals	Magnesium	NC	--	1.45E+04	1.88E+04	1.89E+05	No ESV	No ESV	No ESV	1.08E+04	No ESV	No criteria, treated as an uncertainty
Metals	Manganese (b)	4.50E+02	Eco-SSL Invert (ESV)	3.11E+03	8.55E+03	2.50E+05	7	20	600	4.37E+02	**1**	Location-specific screening conducted
		1.21E+03	Eco-SSL Invert (RSV)	3.11E+03	8.55E+03	2.50E+05	3	7	200	4.37E+02	0.4	Location-specific screening conducted
Metals	Mercury	5.00E-02	Region 4 Invert	5.21E-02	7.87E-02	1.80E+00	**1**	2	40	2.14E-02	0.4	Location-specific screening conducted
		6.00E-01	Conder et al., 2015 (e)	5.21E-02	7.87E-02	1.80E+00	0.09	0.1	3	2.14E-02	0.04	No further screening needed
Metals	Sulfur	NC	--	1.20E+03	2.48E+03	1.40E+04	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
Metals	Vanadium	2.10E+02	CCME 1999	4.12E+01	4.27E+01	6.76E+01	0.2	0.2	0.3	4.06E+01	0.2	No further screening needed
OCPs	4,4'-DDE (c)	1.50E-01	Eco-SSL (ESV)	6.73E-02	1.61E-01	3.50E+00	0.4	**1**	20	--	No BKG	No further screening needed
		1.50E+00	Eco-SSL (RSV)	6.73E-02	1.61E-01	3.50E+00	0.04	0.1	2	--	No BKG	No further screening needed
OCPs	4,4'-DDT (c)	1.50E-01	Eco-SSL (ESV)	2.17E-02	4.30E-02	7.70E-01	0.1	0.3	5	--	No BKG	No further screening needed
		1.50E+00	Eco-SSL (RSV)	2.17E-02	4.30E-02	7.70E-01	0.01	0.03	0.5	--	No BKG	No further screening needed
OCPs	Calculated DDx (ND=0.5DL) (c)	1.50E-01	Eco-SSL (ESV)	9.35E-02	1.89E-01	4.30E+00	0.6	**1**	30	--	No BKG	No further screening needed
		1.50E+00	Eco-SSL (RSV)	9.35E-02	1.89E-01	4.30E+00	0.06	0.1	3	--	No BKG	No further screening needed
OCPs	beta-BHC (d)	3.00E-04	Region 4 Invert (ESV)	3.84E-02	5.96E-02	8.70E-01	100	200	3,000	--	No BKG	No further screening needed because RSV used
		5.60E+00	Novais et al. (2010) (RSV)	3.84E-02	5.96E-02	8.70E-01	0.007	0.01	0.2	--	No BKG	No further screening needed
OCPs	Hexachlorobenzene	1.00E+01	Region 4 Invert	1.30E-01	1.79E-01	4.60E+00	0.01	0.02	0.5	--	No BKG	No further screening needed
PCBs	Calculated Total PCBs (ND=0.5DL)	3.30E-01	Region 4 Invert	1.18E-01	1.90E-01	8.59E-01	0.4	0.6	3	--	No BKG	No further screening needed
SVOCs	bis(2-Ethylhexyl)phthalate	8.40E+00	Region 4 Invert	9.12E-02	1.14E-01	8.20E-01	0.01	0.01	0.1	--	No BKG	No further screening needed
SVOCs	Di-n-butylphthalate	2.20E-01	Region 4 Invert	7.41E-02	1.04E-01	1.70E+00	0.3	0.5	8	--	No BKG	No further screening needed
SVOCs	Octachlorostyrene	NC	--	5.09E-01	1.04E+00	1.30E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
TPH	EFH (C10-C40) (a)	1.98E+02	LANL Earthworm NOAEL (ESV)	8.95E+01	1.78E+02	9.50E+02	0.5	0.9	5	--	No BKG	No further screening needed
		1.98E+03	LANL Earthworm LOAEL (RSV)	8.95E+01	1.78E+02	9.50E+02	0.05	0.09	0.5	--	No BKG	No further screening needed
VOCs	Formaldehyde	NC	--	7.50E-02	8.90E-02	8.90E-02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty

TABLE 4-6a: Potential Risks to Terrestrial Invertebrates from Soil: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:
Efforts were made to identify ecological benchmarks specific to invertebrates. When specific invertebrate ecological benchmarks are not available, the chemical was not screened but treated as an uncertainty.
(a) The LANL database contains both NOAEL and LOAEL TRVs, which are used for ESVs and RSVs, respectively. The NOAEL TRV provides an initial screening step to characterize risk to invertebrates with the LOAEL TRV providing a more realistic look at the risk to invertebrates. For perchlorate and EFH (C10-C40), soil concentrations were compared to both ESVs and RSVs.

(b) The ESV is from the Eco-SSL (Eco-SSL 2007). A study by Phillips et al. (2002), as cited in USEPA (2007), provides a toxicity value of 1,209 mg/kg for springtails, a soil invertebrate, and is used as the RSV to characterize risk to terrestrial invertebrates in this table.

(c) The ESV is from the Eco-SSL (Eco-SSL 2007) and is the geomean of 5 studies from Table 4.1 with organic matter from 0 to 2% and a bioavailability score of 1, divided by a factor of 10 to reflect an acute to chronic value. The RSV is also from this document and is the geomean of 5 studies from Table 4.1 with organic matter from 0 to 2% and a bioavailability score of 1, reflecting the acute LC50 value.

(d) The beta-BHC ESV is from USEPA Region 4 (2018). The BHC RSV is from Novais et al. (2010) which reported a gamma-BHC reproductive No Observed Adverse Effect Level (NOEL) of 18 mg/kg and a mortality NOAEL of 5.6 mg/kg after a 42-day exposure to the potworm (soil invertebrate). The lower mortality endpoint is used in this table as an RSV for exposure of beta-BHC to soil invertebrates.

(e) Conder, J. M., Fuchsman, P. C., Grover, M. M., Magar, V. S., & Henning, M. H. (2015). Critical review of mercury sediment quality values for the protection of benthic invertebrates: Review of mercury sediment quality values. Environmental Toxicology and Chemistry, 34(1), 6–21. https://doi.org/10.1002/etc.2769

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1,000	100 < HQ

% = Percent
AVG = Average (with non-detects treated as one-half the detection limit)
BHC = Benzene hexachloride
BKG = Background
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
Eco-SSL = Ecological soil screening level
EFH = Extractable fuel hydrocarbons
EPC = Exposure point concentration
ESV = Ecological screening value
HQ = Hazard quotient
Invert = Invertebrate
LANL = Los Alamos National Laboratory
LC50 = Lethal concentrationfor 50% of population
MAX = Maximum
mg/kg = Milligrams per kilogram
NC = No criterion
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
Region 4 = USEPA Region 4 (2018)
RSV = Refined screening value
SVOCs = Semivolatile organic compounds
TPH = Total petroleum hydrocarbons
TRVs = Toxicity reference values
UCL = Upper confidence limit
USEPA = United States Environmental Protection Agency
VOCs = Volatile organic compounds

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Novais et al. 2010: Novais, S.C., A.M.V.M. Soares, and M.J.B. Amorim. 2010. Can Avoidance in Enchytraeus albidus be Used as a Screening Parameter for Pesticides Testing? Chemosphere 79(2): 233-237.
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TABLE 4-6b: Potential Risks to Terrestrial Invertebrates from Soil: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Terrestrial Invertebrates Screening Value	Source	Eco DU-1						Background		Next Step
				EPC			Potential Risks to Terrestrial Invertebrates			EPC	Potential Risks to Terrestrial Invertebrates	
				AVG	95% UCL	MAX	AVG	95% UCL	MAX	95% UCL	95% UCL	
				mg/kg	mg/kg	mg/kg	HQ	HQ	HQ	mg/kg	HQ	
Chlorine Oxyanions	Chlorate	NC	--	6.27E+01	1.24E+02	2.58E+03	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
Chlorine Oxyanions	Perchlorate (a)	3.50E+00	LANL Earthworm NOAEL (ESV)	7.79E+01	1.57E+02	4.47E+03	20	40	1,000	--	No BKG	Location-specific screening conducted
		3.50E+01	LANL Earthworm LOAEL (RSV)	7.79E+01	1.57E+02	4.47E+03	2	4	100	--	No BKG	Location-specific screening conducted
General Chemistry	Ammonia	NC	--	3.83E+00	1.01E+01	1.62E+02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Bromide	NC	--	1.13E+00	1.57E+00	4.70E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrate	NC	--	4.56E+01	5.83E+01	3.60E+02	No ESV	No ESV	No ESV	1.23E+01	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrate/Nitrite	NC	--	3.72E+01	5.24E+01	2.39E+02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrite	NC	--	9.76E-01	1.18E+00	4.60E+00	No ESV	No ESV	No ESV	4.29E-02	No ESV	No criteria, treated as an uncertainty
General Chemistry	ortho-Phosphate	NC	--	4.34E+01	1.40E+02	9.97E+02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Sulfate	NC	--	9.69E+02	1.44E+03	1.21E+04	No ESV	No ESV	No ESV	3.44E+02	No ESV	No criteria, treated as an uncertainty
Metals	Antimony	7.80E+01	Eco-SSL Invert	3.64E-01	4.41E-01	2.40E+00	0.005	0.006	0.03	2.14E-01	0.003	No further screening needed
Metals	Boron	NC	--	2.88E+01	6.35E+01	1.51E+03	No ESV	No ESV	No ESV	4.29E+00	No ESV	No criteria, treated as an uncertainty
Metals	Iron	NC	--	1.70E+04	1.99E+04	1.40E+05	No ESV	No ESV	No ESV	1.37E+04	No ESV	No criteria, treated as an uncertainty
Metals	Lead	1.70E+03	Eco-SSL Invert	1.47E+01	1.98E+01	2.67E+02	0.009	0.01	0.2	9.24E+00	0.005	No further screening needed
Metals	Magnesium	NC	--	1.56E+04	2.08E+04	1.89E+05	No ESV	No ESV	No ESV	1.08E+04	No ESV	No criteria, treated as an uncertainty
Metals	Manganese (b)	4.50E+02	Eco-SSL Invert (ESV)	3.62E+03	8.69E+03	2.50E+05	8	20	600	4.37E+02	**1**	Location-specific screening conducted
		1.21E+03	Eco-SSL Invert (RSV)	3.62E+03	8.69E+03	2.50E+05	3	7	200	4.37E+02	0.4	Location-specific screening conducted
Metals	Mercury	5.00E-02	Region 4 Invert	5.87E-02	1.02E-01	1.80E+00	**1**	2	40	2.14E-02	0.4	Location-specific screening conducted
Metals	Sulfur	NC	--	1.35E+03	2.97E+03	1.40E+04	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
Metals	Vanadium	2.10E+02	CCME 1999	4.20E+01	4.39E+01	6.76E+01	0.2	0.2	0.3	4.06E+01	0.2	No further screening needed
OCPs	4,4'-DDE (c)	1.50E-01	Eco-SSL (ESV)	7.23E-02	1.88E-01	3.50E+00	0.5	**1**	20	--	No BKG	No further screening needed
		1.50E+00	Eco-SSL (RSV)	7.23E-02	1.88E-01	3.50E+00	0.05	0.1	2	--	No BKG	No further screening needed
OCPs	4,4'-DDT (c)	1.50E-01	Eco-SSL (ESV)	1.81E-02	4.34E-02	7.70E-01	0.1	0.3	5	--	No BKG	No further screening needed
		1.50E+00	Eco-SSL (RSV)	1.81E-02	4.34E-02	7.70E-01	0.01	0.03	0.5	--	No BKG	No further screening needed
OCPs	Calculated DDx (ND=0.5DL) (c)	1.50E-01	Eco-SSL (ESV)	9.52E-02	2.33E-01	4.30E+00	0.6	2	30	--	No BKG	No further screening needed because RSV used
		1.50E+00	Eco-SSL (RSV)	9.52E-02	2.33E-01	4.30E+00	0.06	0.2	3	--	No BKG	No further screening needed
OCPs	beta-BHC (d)	3.00E-04	Region 4 Invert (ESV)	4.42E-02	7.18E-02	8.70E-01	100	200	3,000	--	No BKG	No further screening needed because RSV used
		5.60E+00	Novais et al. (2010) (RSV)	4.42E-02	7.18E-02	8.70E-01	0.008	0.01	0.2	--	No BKG	No further screening needed
OCPs	Hexachlorobenzene	1.00E+01	Region 4 Invert	1.49E-01	2.18E-01	4.60E+00	0.01	0.02	0.5	--	No BKG	No further screening needed
PCBs	Calculated Total PCBs (ND=0.5DL)	3.30E-01	Region 4 Invert	1.25E-01	1.95E-01	8.59E-01	0.4	0.6	3	--	No BKG	No further screening needed
SVOCs	bis(2-Ethylhexyl)phthalate	8.40E+00	Region 4 Invert	9.56E-02	1.26E-01	8.20E-01	0.01	0.01	0.1	--	No BKG	No further screening needed
SVOCs	Di-n-butylphthalate	2.20E-01	Region 4 Invert	8.03E-02	1.18E-01	1.70E+00	0.4	0.5	8	--	No BKG	No further screening needed
SVOCs	Octachlorostyrene	NC	--	6.60E-01	1.30E+00	1.30E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
TPH	EFH (C10-C40) (a)	1.98E+02	LANL Earthworm NOAEL (ESV)	8.95E+01	1.71E+02	9.50E+02	0.5	0.9	5	--	No BKG	No further screening needed
		1.98E+03	LANL Earthworm LOAEL (RSV)	8.95E+01	1.71E+02	9.50E+02	0.05	0.09	0.5	--	No BKG	No further screening needed
VOCs	Formaldehyde	NC	--	7.50E-02	8.90E-02	8.90E-02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty

TABLE 4-6b: Potential Risks to Terrestrial Invertebrates from Soil: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:
Efforts were made to identify ecological benchmarks specific to plants. When specific plant ecological benchmarks are not available, the chemical was not screened but treated as an uncertainty.
(a) The LANL database contains both NOAEL and LOAEL TRVs, which are used for ESVs and RSVs, respectively. The NOAEL TRV provides an initial screening step to characterize risk to invertebrates with the LOAEL TRV providing a more realistic look at the risk to invertebrates. For perchlorate and EFH (C10-C40), soil concentrations were compared to both ESVs and RSVs.
(b) The ESV is from the Eco-SSL (Eco-SSL 2007). A study by Phillips et al. (2002), as cited in USEPA (2007), provides a toxicity value of 1,209 mg/kg for springtails, a soil invertebrate, and is used as the RSV to characterize risk to terrestrial invertebrates in this table.
(c) The ESV is from the Eco-SSL (Eco-SSL 2007) and is the geomean of 5 studies from Table 4.1 with organic matter from 0 to 2% and a bioavailability score of 1, divided by a factor of 10 to reflect an acute to chronic value. The RSV is also from this document and is the geomean of 5 studies from Table 4.1 with organic matter from 0 to 2% and a bioavailability score of 1, reflecting the acute LC50 value.
(d) The beta-BHC ESV is from USEPA Region 4 (2018). The BHC RSV is from Novais et al. (2010) which reported a gamma-BHC reproductive No Observed Adverse Effect Level (NOEL) of 18 mg/kg and a mortality NOAEL of 5.6 mg/kg after a 42-day exposure to the potworm (soil invertebrate). The lower mortality endpoint is used in this table as an RSV for exposure of beta-BHC to soil invertebrates.

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1,000	100 < HQ

% = Percent
AVG = Average (with non-detects treated as one-half the detection limit)
BHC = Benzene hexachloride
BKG = Background
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
Eco-SSL = Ecological soil screening level
EFH = Extractable fuel hydrocarbons
EPC = Exposure point concentration
ESV = Ecological screening value
HQ = Hazard quotient
Invert = Invertebrate
LANL = Los Alamos National Laboratory
LC50 = Lethal concentrationfor 50% of population
LOAEL = Lowest observed adverse effect level
MAX = Maximum
mg/kg = Milligrams per kilogram
NC = No criterion
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
Region 4 = USEPA Region 4
RSV = Refined screening value
SVOCs = Semivolatile organic compounds
TPH = Total petroleum hydrocarbons
TRVs = Toxicity reference values
UCL = Upper confidence limit
USEPA = United States Environmental Protection Agency
VOCs = Volatile organic compounds

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Eco-SSL ESVs and RSVs: USEPA. 2007. Ecological Soil Screening Level (Eco-SSL) Guidance and Documents. https://www.epa.gov/risk/ecological-soil-screening-level-eco-ssl-guidance-and-documents.
LANL 2020 ESVs and RSVs: N3B (Newport News Nuclear BWXT-Los Alamos, LLC), November 2020. "ECORISK Database (Release 4.2)," on CD, Newport News Nuclear BWXT-Los Alamos, LLC, document EM2020-0575, Los Alamos, New Mexico.
Novais et al. 2010: Novais, S.C., A.M.V.M. Soares, and M.J.B. Amorim. 2010. Can Avoidance in Enchytraeus albidus be Used as a Screening Parameter for Pesticides Testing? Chemosphere 79(2): 233-237.
USEPA Region 4 ESVs: USEPA Region 4. Regional Ecological Risk Assessment Supplemental Guidance. https://www.epa.gov/risk/regional-ecological-risk-assessment-era-supplemental-guidance (Accessed April 16, 2018).

TABLE 4-6c: Potential Risks to Terrestrial Invertebrates from Soil: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Terrestrial Invertebrates Screening Value	Source	Eco DU-2						Background		Next Step
				EPC			Potential Risks to Terrestrial Invertebrates			EPC	Potential Risks to Terrestrial Invertebrates	
				AVG	95% UCL	MAX	AVG	95% UCL	MAX	95% UCL	95% UCL	
				mg/kg	mg/kg	mg/kg	HQ	HQ	HQ	mg/kg	HQ	
Chlorine Oxyanions	Chlorate	NC	--	9.77E+00	2.40E+01	1.08E+02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
Chlorine Oxyanions	Perchlorate (a)	3.50E+00	LANL Earthworm NOAEL (ESV)	4.47E+00	8.32E+00	3.43E+01	**1**	2	10	--	No BKG	No further screening needed because RSV used
		3.50E+01	LANL Earthworm LOAEL (RSV)	4.47E+00	8.32E+00	3.43E+01	0.1	0.2	**1**	--	No BKG	No further screening needed
General Chemistry	Ammonia	NC	--	2.13E-01	4.04E-01	1.35E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Bromide	NC	--	1.79E-01	3.17E-01	1.10E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrate	NC	--	4.86E+01	7.24E+01	1.91E+02	No ESV	No ESV	No ESV	1.23E+01	No ESV	No criteria, treated as an uncertainty
General Chemistry	ortho-Phosphate	NC	--	1.71E+00	3.57E+00	7.20E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Sulfate	NC	--	2.93E+03	5.69E+03	1.95E+04	No ESV	No ESV	No ESV	3.44E+02	No ESV	No criteria, treated as an uncertainty
Metals	Antimony	7.80E+01	Eco-SSL Invert	7.16E-01	9.50E-01	2.20E+00	0.009	0.01	0.03	2.14E-01	0.003	No further screening needed
Metals	Boron	NC	--	1.88E+01	3.16E+01	1.12E+02	No ESV	No ESV	No ESV	4.29E+00	No ESV	No criteria, treated as an uncertainty
Metals	Cadmium	1.40E+02	Eco-SSL Invert	4.97E-01	1.56E+00	8.88E+00	0.004	0.01	0.06	6.46E-02	0.0005	No further screening needed
Metals	Iron	NC	--	1.64E+04	1.96E+04	3.95E+04	No ESV	No ESV	No ESV	1.37E+04	No ESV	No criteria, treated as an uncertainty
Metals	Lead	1.70E+03	Eco-SSL Invert	1.70E+01	2.89E+01	1.12E+02	0.01	0.02	0.07	9.24E+00	0.005	No further screening needed
Metals	Sulfur	NC	--	8.30E+02	1.14E+03	1.29E+03	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
OCPs	4,4'-DDE (b)	1.50E-01	Eco-SSL (ESV)	5.66E-02	2.46E-01	9.10E-01	0.4	2	6	--	No BKG	No further screening needed because RSV used
		1.50E+00	Eco-SSL (RSV)	5.66E-02	2.46E-01	9.10E-01	0.04	0.2	0.6	--	No BKG	No further screening needed
OCPs	4,4'-DDT (b)	1.50E-01	Eco-SSL (ESV)	4.16E-02	1.43E-01	6.10E-01	0.3	**1**	4	--	No BKG	No further screening needed
		1.50E+00	Eco-SSL (RSV)	4.16E-02	1.43E-01	6.10E-01	0.03	0.1	0.4	--	No BKG	No further screening needed
OCPs	Calculated DDx (ND=0.5DL) (b)	1.50E-01	Eco-SSL (ESV)	1.02E-01	3.60E-01	1.56E+00	0.7	2	10	--	No BKG	No further screening needed because RSV used
		1.50E+00	Eco-SSL (RSV)	1.02E-01	3.60E-01	1.56E+00	0.07	0.2	**1**	--	No BKG	No further screening needed
OCPs	beta-BHC (c)	3.00E-04	Region 4 Invert (ESV)	1.55E-02	4.04E-02	1.50E-01	50	100	500	--	No BKG	No further screening needed because RSV used
		5.60E+00	Novais et al. (2010) (RSV)	1.55E-02	4.04E-02	1.50E-01	0.003	0.007	0.03	--	No BKG	No further screening needed
OPPs	Dimethoate	NC	--	6.74E-03	9.10E-03	9.10E-03	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
SVOCs	Di-n-butylphthalate	2.20E-01	Region 4 Invert	5.11E-02	6.84E-02	1.10E-01	0.2	0.3	0.5	--	No BKG	No further screening needed

TABLE 4-6c: Potential Risks to Terrestrial Invertebrates from Soil: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:
Efforts were made to identify ecological benchmarks specific to plants. When specific plant ecological benchmarks are not available, the chemical was not screened but treated as an uncertainty.
(a) The LANL database contains both NOAEL and LOAEL TRVs, which are used for ESVs and RSVs, respectively. The NOAEL TRV provides an initial screening step to characterize risk to invertebrates with the LOAEL TRV providing a more realistic look at the risk to invertebrates. For perchlorate, soil concentrations were compared to both ESVs and RSVs.
(b) The ESV is from the Eco-SSL (Eco-SSL 2007) and is the geomean of 5 studies from Table 4.1 with organic matter from 0 to 2% and a bioavailability score of 1, divided by a factor of 10 to reflect an acute to chronic value. The RSV is also from this document and is the geomean of 5 studies from Table 4.1 with organic matter from 0 to 2% and a bioavailability score of 1, reflecting the acute LC50 value.
(c) The beta-BHC ESV is from USEPA Region 4 (2018). The BHC RSV is from Novais et al. (2010) which reported a gamma-BHC reproductive No Observed Adverse Effect Level (NOEL) of 18 mg/kg and a mortality NOAEL of 5.6 mg/kg after a 42-day exposure to the potworm (soil invertebrate). The lower mortality endpoint is used in this table as an RSV for exposure of beta-BHC to soil invertebrates.

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1,000	100 < HQ

% = Percent
AVG = Average (with non-detects treated as one-half the detection limit)
BHC = Benzene hexachloride
BKG = Background
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
Eco-SSL = Ecological soil screening level
EPC = Exposure point concentration
ESV = Ecological screening value
HQ = Hazard quotient
Invert = Invertebrate
LANL = Los Alamos National Laboratory
LC50 = Lethal concentrationfor 50% of population
LOAEL = Lowest observed adverse effect level
MAX = Maximum
mg/kg = Milligrams per kilogram
NC = No criterion
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
Region 4 = USEPA Region 4
RSV = Refined screening value
SVOCs = Semivolatile organic compounds
TRVs = Toxicity reference values
UCL = Upper confidence limit
USEPA = United States Environmental Protection Agency

References:
Eco-SSL ESVs and RSVs: USEPA. 2007. Ecological Soil Screening Level (Eco-SSL) Guidance and Documents. https://www.epa.gov/risk/ecological-soil-screening-level-eco-ssl-guidance-and-documents.
LANL 2020 ESVs and RSVs: N3B (Newport News Nuclear BWXT-Los Alamos, LLC), November 2020. "ECORISK Database (Release 4.2)," on CD, Newport News Nuclear BWXT-Los Alamos, LLC, document EM2020-0575, Los Alamos, New Mexico.
Novais et al. 2010: Novais, S.C., A.M.V.M. Soares, and M.J.B. Amorim. 2010. Can Avoidance in Enchytraeus albidus be Used as a Screening Parameter for Pesticides Testing? Chemosphere 79(2): 233-237.
USEPA Region 4 ESVs: USEPA Region 4. Regional Ecological Risk Assessment Supplemental Guidance. https://www.epa.gov/risk/regional-ecological-risk-assessment-era-supplemental-guidance (Accessed April 16, 2018).

TABLE 4-6d: Potential Risks to Terrestrial Invertebrates from Soil: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Terrestrial Invertebrates Screening Value	Source	Eco DU-3						Background		Next Step
				EPC			Potential Risks to Terrestrial Invertebrates			EPC	Potential Risks to Terrestrial Invertebrates	
				AVG	95% UCL	MAX	AVG	95% UCL	MAX	95% UCL	95% UCL	
				mg/kg	mg/kg	mg/kg	HQ	HQ	HQ	mg/kg	HQ	
Chlorine Oxyanions	Chlorate	NC	--	2.73E+00	7.58E+00	1.57E+01	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
Chlorine Oxyanions	Perchlorate (a)	3.50E+00	LANL Earthworm NOAEL (ESV)	3.91E+02	6.22E+02	1.69E+03	100	200	500	--	No BKG	Location-specific screening conducted
		3.50E+01	LANL Earthworm LOAEL (RSV)	3.91E+02	6.22E+02	1.69E+03	10	20	50	--	No BKG	Location-specific screening conducted
General Chemistry	Ammonia	NC	--	2.23E+01	4.99E+01	7.11E+01	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrate	NC	--	3.57E+02	1.04E+03	2.28E+03	No ESV	No ESV	No ESV	1.23E+01	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrite	NC	--	2.13E+00	4.29E+00	7.10E+00	No ESV	No ESV	No ESV	4.29E-02	No ESV	No criteria, treated as an uncertainty
General Chemistry	ortho-Phosphate	NC	--	7.23E+00	2.00E+01	3.12E+01	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Sulfate	NC	--	8.09E+01	1.69E+02	3.20E+02	No ESV	No ESV	No ESV	3.44E+02	No ESV	No criteria, treated as an uncertainty
Metals	Sulfur	NC	--	3.31E+02	4.51E+02	4.51E+02	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
OCPs	4,4'-DDE (b)	1.50E-01	Eco-SSL (ESV)	1.74E-02	4.00E-02	6.50E-02	0.1	0.3	0.4	--	No BKG	No further screening needed
		1.50E+00	Eco-SSL (RSV)	1.74E-02	4.00E-02	6.50E-02	0.01	0.03	0.04	--	No BKG	No further screening needed
OCPs	4,4'-DDT (b)	1.50E-01	Eco-SSL (ESV)	1.85E-02	4.15E-02	5.70E-02	0.1	0.3	0.4	--	No BKG	No further screening needed
		1.50E+00	Eco-SSL (RSV)	1.85E-02	4.15E-02	5.70E-02	0.01	0.03	0.04	--	No BKG	No further screening needed
OCPs	Calculated DDx (ND=0.5DL) (b)	1.50E-01	Eco-SSL (ESV)	3.82E-02	8.55E-02	1.27E-01	0.3	0.6	0.8	--	No BKG	No further screening needed
		1.50E+00	Eco-SSL (RSV)	3.82E-02	8.55E-02	1.27E-01	0.03	0.06	0.08	--	No BKG	No further screening needed
OCPs	beta-BHC (c)	3.00E-04	Region 4 Invert (ESV)	1.34E-02	3.07E-02	5.20E-02	40	100	200	--	No BKG	No further screening needed because RSV used
		5.60E+00	Novais et al. (2010) (RSV)	1.34E-02	3.07E-02	5.20E-02	0.002	0.005	0.009	--	No BKG	No further screening needed
OCPs	Hexachlorobenzene	1.00E+01	Region 4 Invert	1.17E-01	1.85E-01	7.60E-01	0.01	0.02	0.08	--	No BKG	No further screening needed
SVOCs	bis(2-Ethylhexyl)phthalate	8.40E+00	Region 4 Invert	7.44E-02	1.11E-01	1.90E-01	0.009	0.01	0.02	--	No BKG	No further screening needed
SVOCs	Di-n-butylphthalate	2.20E-01	Region 4 Invert	5.88E-02	1.27E-01	6.50E-01	0.3	0.6	3	--	No BKG	No further screening needed
SVOCs	Octachlorostyrene	NC	--	7.32E-02	1.38E-01	6.80E-01	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty

Notes:
Efforts were made to identify ecological benchmarks specific to plants. When specific plant ecological benchmarks are not available, the chemical was not screened but treated as an uncertainty.
(a) The LANL database contains both NOAEL and LOAEL TRVs, which are used for ESVs and RSVs, respectively. The NOAEL TRV provides an initial screening step to characterize risk to invertebrates with the LOAEL TRV providing a more realistic look at the risk to invertebrates. For perchlorate, soil concentrations were compared to both ESVs and RSVs.
(b) The ESV is from the Eco-SSL (Eco-SSL 2007) and is the geomean of 5 studies from Table 4.1 with organic matter from 0 to 2% and a bioavailability score of 1, divided by a factor of 10 to reflect an acute to chronic value. The RSV is also from this document and is the geomean of 5 studies from Table 4.1 with organic matter from 0 to 2% and a bioavailability score of 1, reflecting the acute LC50 value.
(c) The beta-BHC ESV is from USEPA Region 4 (2018). The BHC RSV is from Novais et al. (2010) which reported a gamma-BHC reproductive No Observed Adverse Effect Level (NOEL) of 18 mg/kg and a mortality NOAEL of 5.6 mg/kg after a 42-day exposure to the potworm (soil invertebrate). The lower mortality endpoint is used in this table as an RSV for exposure of beta-BHC to soil invertebrates.

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1,000	100 < HQ

% = Percent
AVG = Average (with non-detects treated as one-half the detection limit)
BHC = Benzene hexachloride
BKG = Background
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
Eco-SSL = Ecological soil screening level
EPC = Exposure point concentration
ESV = Ecological screening value
HQ = Hazard quotient
Invert = Invertebrate
LANL = Los Alamos National Laboratory
LC50 = Lethal concentrationfor 50% of population
LOAEL = Lowest observed adverse effect level
MAX = Maximum
mg/kg = Milligrams per kilogram
NC = No criterion
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
Region 4 = USEPA Region 4
RSV = Refined screening value
SVOCs = Semivolatile organic compounds
TRVs = Toxicity reference values
UCL = Upper confidence limit
USEPA = United States Environmental Protection Agency

References:
Eco-SSL ESVs and RSVs: USEPA. 2007. Ecological Soil Screening Level (Eco-SSL) Guidance and Documents. https://www.epa.gov/risk/ecological-soil-screening-level-eco-ssl-guidance-and-documents.
LANL 2020 ESVs and RSVs: N3B (Newport News Nuclear BWXT-Los Alamos, LLC), November 2020. "ECORISK Database (Release 4.2)," on CD, Newport News Nuclear BWXT-Los Alamos, LLC, document EM2020-0575, Los Alamos, New Mexico.
Novais et al. 2010: Novais, S.C., A.M.V.M. Soares, and M.J.B. Amorim. 2010. Can Avoidance in Enchytraeus albidus be Used as a Screening Parameter for Pesticides Testing? Chemosphere 79(2): 233-237.
USEPA Region 4 ESVs: USEPA Region 4. Regional Ecological Risk Assessment Supplemental Guidance. https://www.epa.gov/risk/regional-ecological-risk-assessment-era-supplemental-guidance (Accessed April 16, 2018).

TABLE 4-6e: Potential Risks to Terrestrial Invertebrates from Soil: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Terrestrial Invertebrates Screening Value	Source	Parcel E						Background		Next Step
				EPC			Potential Risks to Terrestrial Invertebrates			EPC	Potential Risks to Terrestrial Invertebrates	
				AVG	95% UCL	MAX	AVG	95% UCL	MAX	95% UCL	95% UCL	
				mg/kg	mg/kg	mg/kg	HQ	HQ	HQ	mg/kg	HQ	
Chlorine Oxyanions	Chlorate	NC	--	1.25E+00	2.27E+00	4.20E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
Chlorine Oxyanions	Perchlorate (a)	3.50E+00	LANL Earthworm NOAEL (ESV)	3.57E+00	4.80E+00	6.10E+00	**1**	**1**	2	--	No BKG	No further screening needed
		3.50E+01	LANL Earthworm LOAEL (RSV)	3.57E+00	4.80E+00	6.10E+00	0.1	0.1	0.2	--	No BKG	No further screening needed
General Chemistry	Ammonia	NC	--	3.90E+00	4.27E+00	4.90E+00	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Bromide	NC	--	4.13E+00	8.38E+00	1.50E+01	No ESV	No ESV	No ESV	--	No ESV	No criteria, treated as an uncertainty
General Chemistry	Nitrate	NC	--	9.48E+01	1.42E+02	2.26E+02	No ESV	No ESV	No ESV	1.23E+01	No ESV	No criteria, treated as an uncertainty
General Chemistry	Sulfate	NC	--	1.60E+03	3.75E+03	6.90E+03	No ESV	No ESV	No ESV	3.44E+02	No ESV	No criteria, treated as an uncertainty
Metals	Boron	NC	--	1.30E+01	2.06E+01	3.20E+01	No ESV	No ESV	No ESV	4.29E+00	No ESV	No criteria, treated as an uncertainty
OCPs	beta-BHC (b)	3.00E-04	Region 4 Invert (ESV)	4.09E-03	6.89E-03	1.00E-02	10	20	30	--	No BKG	No further screening needed because RSV used
		5.60E+00	Novais et al. (2010) (RSV)	4.09E-03	6.89E-03	1.00E-02	0.0007	0.001	0.002	--	No BKG	No further screening needed

Notes:
Efforts were made to identify ecological benchmarks specific to plants. When specific plant ecological benchmarks are not available, the chemical was not screened but treated as an uncertainty.
(a) The LANL database contains both LOAEL and NOAEL TRVs. The NOAEL TRV provides an initial screening step to characterize risk to invertebrates while the LOAEL TRV provides a more realistic look at the risk. For perchlorate, soil concentrations were compared to both TRVs.
(b) The beta-BHC ESV is from USEPA Region 4 (2018). The BHC RSV is from Novais et al. (2010) which reported a gamma-BHC reproductive No Observed Adverse Effect Level (NOEL) of 18 mg/kg and a mortality NOAEL of 5.6 mg/kg after a 42-day exposure to the potworm (soil invertebrate). The lower mortality endpoint is used in this table as an RSV for exposure of beta-BHC to soil invertebrates.

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1,000	100 < HQ

% = Percent
AVG = Average (with non-detects treated as one-half the detection limit)
BHC = Benzene hexachloride
BKG = Background
DL = Detection limit
Eco-SSL = Ecological soil screening level
EPC = Exposure point concentration
ESV = Ecological screening value
HQ = Hazard quotient
Invert = Invertebrate
LANL = Los Alamos National Laboratory
LC50 = Lethal concentrationfor 50% of population
LOAEL = Lowest observed adverse effect level
MAX = Maximum
mg/kg = Milligrams per kilogram
NC = No criterion
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
Region 4 = USEPA Region 4
RSV = Refined screening value
TPH = Total petroleum hydrocarbons
TRVs = Toxicity reference values
UCL = Upper confidence limit
USEPA = United States Environmental Protection Agency

References:
LANL 2020 ESVs and RSVs: N3B (Newport News Nuclear BWXT-Los Alamos, LLC), November 2020. "ECORISK Database (Release 4.2)," on CD, Newport News Nuclear BWXT-Los Alamos, LLC, document EM2020-0575, Los Alamos, New Mexico.
Novais et al. 2010: Novais, S.C., A.M.V.M. Soares, and M.J.B. Amorim. 2010. Can Avoidance in Enchytraeus albidus be Used as a Screening Parameter for Pesticides Testing? Chemosphere 79(2): 233-237.
USEPA Region 4 ESVs: USEPA Region 4. Regional Ecological Risk Assessment Supplemental Guidance. https://www.epa.gov/risk/regional-ecological-risk-assessment-era-supplemental-guidance (Accessed April 16, 2018).

TABLE 4-7a: Summary of Wildlife Food Web Input Variables and Receptor Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Guild	Name	Species	Water	Food	Surface Soil	Terrestrial Dietary Makeup			BW	Range	EF	Species-Specific AUF (unitless)				
			IR w (L/day)	IR f (kg ww/day)	IR s (kg dw/day)	Plants (%)	Inverts (%)	Mammals (%)	(kg)	(ha)	(unitless)	Operations Area	Eco DU-1	Eco DU-2	Eco DU-3	Parcel E
Carnivore	Coopers Hawk	*Accipiter cooperii*	3.25E-02	6.77E-02	0.00E+00	0%	0%	100%	4.10E-01	203	1	0.52	0.26	0.10	0.017	0.017
Carnivore	Kit Fox	*Vulpes macrotis*	0.00E+00	1.75E-01	1.47E-03	0%	0%	100%	1.78E+00	1120	1	0.094	0.048	0.018	0.0031	0.0031
Carnivore	Western Burrowing Owl	*Athene cunicularia*	1.66E-02	4.34E-02	6.52E-04	0%	75%	25%	1.51E-01	113	1	0.93	0.48	0.18	0.030	0.031
Insectivore	American Robin	*Turdus migratorius*	1.10E-02	9.76E-02	4.88E-04	50%	50%	0%	8.10E-02	0.48	1	1	1	1	1	1
Insectivore	Desert Shrew	*Nitiosorex crawfordi*	6.88E-04	2.30E-03	8.98E-05	0%	95%	5%	4.00E-03	0.30	1	1	1	1	1	1
Insectivore	Fringed Myotis	*Myotis thysanodes*	1.14E-03	4.65E-03	0.00E+00	0%	100%	0%	7.00E-03	29700	1	0.0035	0.0018	0.00070	0.00012	0.00012
Omnivore	Raccoon	*Procyon lotor*	4.68E-01	1.14E+00	2.67E-02	60%	40%	0%	5.62E+00	630	1	0.17	0.085	0.033	0.0055	0.0055
Herbivore	Mourning Dove	*Zenaida macroura*	1.32E-02	1.20E-02	2.79E-04	100%	0%	0%	1.07E-01	6,265	1	0.017	0.0086	0.0033	0.00055	0.00056
Herbivore	Great Basin Pocket Mouse	*Perognathus parvus*	0.00E+00	4.04E-03	1.76E-04	90%	10%	0%	2.30E-02	1.09	1	1	1	1	1	1

Notes:

The sources of the receptor parameter information are found in Appendix H.

% = Percent
AUF = Area use factor
BW = Body weight
Eco DU = Ecological Decision Unit
EF = Exposure frequency - percentage of the year the receptor spends in the area
ha = Hectares
Inverts = Invertebrates
IR f = Ingestion rate of food (wet weight)
IR s = Ingestion rate of surface soil (dry weight)
IR w = Ingestion rate of water
kg = Kilograms
kg dw/day = Kilograms dry weight per day
kg ww/day = Kilograms wet weight per day
L/day = Liters per day

Area	Acres	Hectares
Operations Area	259.2	104.9
Eco DU-1	132.7	53.7
Eco DU-2	51.1	20.7
Eco DU-3	8.5	3.4
Parcel E	8.6	3.5

TABLE 4-7b: Toxicity Reference Values for Mammals and Birds
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Mammal TRV (mg/kg-bw/day)				Avian TRV (mg/kg-bw/day)			
		NOAEL		LOAEL		NOAEL		LOAEL	
Chlorine Oxyanions	Perchlorate	6.4	d	32	d	13	d	26	d
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA		NA		1.40E-05	f	1.40E-04	f
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	8.40E-06	f	3.10E-05	f	NA		NA	
Metals	Antimony	0.059	b	0.59	b1	NC		NC	
Metals	Boron	28	c	93.6	c	28.8	c	100	c
Metals	Cadmium	0.77	b	7.7	b4	1.47	b	7.8	b2
Metals	Lead	4.7	b	8.9	b4	1.63	b	3.26	b4
Metals	Manganese	51.5	b	145.7	b2	179	b	376.6	b2
Metals	Mercury	1.01	a	10.1	a1	0.325	a	3.25	a1
Metals	Vanadium	4.16	b	8.31	b4	0.344	b	0.688	b4
OCPs	4,4'-DDE	0.147	3	0.735	3	0.227	3	2.27	3
OCPs	4,4'-DDT	0.147	b	0.735	b4	0.227	b	2.27	b4
OCPs	Calculated DDx (ND=0.5DL)	0.147	3	0.735	3	0.227	3	2.27	3
OCPs	beta-BHC	0.4	c5	2	c5	0.56	c5	2.25	c5
OCPs	Hexachlorobenzene	1.6	a	16	a1	0.225	a	2.25	a1
PCBs	Calculated Total PCBs (ND=0.5DL)	2.56E-01	e	1.27E+00	e	1.47E+00	e	3.20E+00	e
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	NA		NA		1.40E-05	f6	1.40E-04	f6
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	8.40E-06	f6	3.10E-05	f6	NA		NA	
SVOCs	Octachlorostyrene	2.63	a7	26.3	1	2.48	a7	24.8	1

Notes:

BHC = Benzene hexachloride
D/F = Dioxin/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
LOAEL = Lowest observed adverse effects level
mg/kg-bw/day = Milligrams per kilogram body weight per day
NA = Not applicable
NC = No criterion
ND = Non-detected concentrations
NOAEL = No observed adverse effects level
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
R6 = Region 6
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalent quotient
TRV = Toxicity reference value
TSRF = Tittabawassee & Saginaw River & Floodplain
USACHPPM = United States Army Center for Health Promotion and Preventative Medicine
USEPA = United States Environmental Protection Agency

(a) USEPA R6: USEPA Region 6. 1999. Screening Level Ecological Risk Assessment Protocol for Hazardous Waste Combustion Facilities. Volume One (EPA530-D-99-001A). August. Appendix E.
(b) Eco-SSL: USEPA. 2007. Guidance for Developing Ecological Soil Screening Levels (Directive 9285.7-55) Eco-SSL Guidance. Washington, D.C.: USEPA, Office of Solid Waste and Emergency Response. April.
(c) Sample, B.E., D.M. Opresko, and G.W. Suter II. 1996. Toxicological Benchmarks for Wildlife: 1996 Revision (ES/ER/TM-86/R3). Oak Ridge, Tennessee: Risk Assessment Program, Health Sciences Research Division. June.
(d) USACHPPM 2007 Wildlife Toxicity Assessment for Perchlorate. Tables 6 and 7. http://usaphcapps.amedd.army.mil/erawg/tox/files/WTAPerchlorate(Final)07v2.pdf
(e) This TRV is a geometric mean of several Aroclor studies. See the subsequent table for additional documentation.
(f) Ramboll calculated TRV. See text for more details regarding the calculation.

1 If the NOAEL was not reported, it is assumed to be 1/10 of the LOAEL. If the LOAEL is not reported, it is assumed to be 10x the NOAEL.
2 As the Eco-SSL does not present a LOAEL, the LOAEL is calculated as the geomean of the survival, growth, and reproduction LOAELs from the survival, growth, and reproduction studies that was used for the Eco-SSL NOAEL.
3 TRV for DDT used as a surrogate.
4 Same study as NOAEL from Eco-SSL.
5 BHC mixed isomers used as a surrogate for birds.
6 TRV for dioxin/furan TEQ used as a surrogate.
7 The TRV is the average of available values for the category "Other Chlorinated Organics" in USEPA R6. For birds, it is the average of hexachlorobenzene, hexachlorobutadiene, and pentachlorophenol. For mammals, it is the average of hexachlorabenzene, hexaclorobutadiene, hexachlorocyclopentadiene, pentachlorobenzene, and pentachlorophenol.

TABLE 4-7c: Supporting Documentation for the PCB TRV used in the Food Web Model
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical	Test Species	Exposure Route	Exposure Duration (Days)	NOAEL (mg/kg bw-day)	LOAEL (mg/kg bw-day)	Reference	Source
Mammals							
Aroclor 1254	Mink	Oral	135	0.14	0.69	Aulerich and Ringer 1977	Sample et al. 1996
Aroclor 1254	Rat	Oral	multi-generation	0.32	1.5	Linder et al. 1974	
Aroclor 1254	Mouse	Oral	--	NR	1.4	Linzey 1988	
Aroclor 1254	Mouse	Oral	365	0.068	0.68	McCoy et al. 1995	Sample et al. 1996
Aroclor 1254	Mouse	Oral	--	1.4	3.4	Voltura and French 2007	
			Geometric Mean	**0.26**	**1.27**		
Birds							
Aroclor 1248	Screech Owl	Oral	360	0.41	NR	McLane and Hughes 1980	Sample et al. 1996
Aroclor 1254	Mallard	Oral	30	8.1	NR	Custer and Heinz 1980	
Aroclor 1254	Pheasants	Oral	112	0.18	1.8	Dahlgren et al. 1972	Sample et al. 1996
Aroclor 1254	Mourning Dove	Oral	42	NR	2.6	Tori and Peterle 1983	
Aroclor 1254	American Kestrel	Oral	100	NR	7	Fernie et al. 2001a,b	
Aroclor 1254	Robins	Oral	Breeding Season	7.8	NR	Henning et al. 2003	
			Geometric Mean	**1.47**	**3.20**		

Notes:

LOAEL = Lowest observed adverse effects level
mg/kg bw-day = Milligrams per kilogram of body weight per day
NOAEL = No observed adverse effects level
PCB = Polychlorinated biophenyl
NR = Not reported
TRV = Toxicity reference value

References:

Aulerich and Ringer 1977: Summarized in Sample et al. (1996).

Custer and Heinz 1980: Custer, T.W., and G.H. Heinz. 1980. Reproductive success and nest attentiveness of mallard ducks fed Aroclor 1254. Exposure Pollution (Series A) 21: 313-318.

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Henning et al. 2003: Henning, M.H., Robinson, S.K., McKay, K.J., Sullivan, J.P., and H. Bruckert. 2003. Productivity of American robins exposed to polychlorinated biphenyls, Housatonic River, Massachusetts, USA. Exposure Toxicology and Chemistry 22(11): 2783-2788.

Linder et al. 1974: Linder, R.E., T.B. Gaines, and R.D. Kimbrough. 1974. The effect of polychlorinated biphenyls on rat reproduction. Food and Cosmetics Toxicology 12: 63-77.

Linzey 1988: Linzey, A. V. 1988. Effects of chronic polychlorinated biphenyls exposure on growth and reproduction of second generation white-footed mice (Peromyscus leucopus). Archives of Exposure Contamination and Toxicology 17: 39-45.

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McLane and Hughes 1980: McLane, M. A. R., and D. L. Hughes. 1980 Reproductive success of Screech owls fed Aroclor 1248. Archives of Exposure Contamination and Toxicology 9: 661-665.

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TABLE 4-8a: Terrestrial Wildlife Food Web Model Maximum Hazard Quotient Summaries: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1)																	
		Cooper's Hawk		Kit Fox		Western Burrowing Owl		American Robin		Desert Shrew		Fringed Myotis		Raccoon		Mourning Dove		Great Basin Pocket Mouse	
		MAX/ NOAEL	MAX/ LOAEL	MAX/ NOAEL	MAX/ LOAEL	MAX/ NOAEL	MAX/ LOAEL	MAX/ NOAEL	MAX/ LOAEL	MAX/ NOAEL	MAX/ LOAEL	MAX/ NOAEL	MAX/ LOAEL	MAX/ NOAEL	MAX/ LOAEL	MAX/ NOAEL	MAX/ LOAEL	MAX/ NOAEL	MAX/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	9	4	10	2	30	20	90	40	200	30	200	30	30	6	3	**1**	20	3
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.4	0.04	NA	NA	100	10	400	40	NA	NA	NA	NA	NA	NA	9	0.9	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	3	0.9	NA	NA	NA	NA	500	100	500	100	80	20	NA	NA	40	10
Metals	Antimony	NC	NC	0.07	0.007	NC	NC	NC	NC	4	0.4	4	0.4	0.7	0.07	NC	NC	0.5	0.05
Metals	Boron	0.3	0.08	0.2	0.06	0.5	0.2	**1**	0.4	2	0.5	0.6	0.2	0.4	0.1	0.2	0.06	0.6	0.2
Metals	Lead	0.4	0.2	0.1	0.07	2	**1**	6	3	3	**1**	2	0.9	0.5	0.3	0.5	0.2	0.5	0.3
Metals	Manganese	2	0.7	7	3	7	3	20	9	100	40	4	2	30	10	6	3	50	20
Metals	Mercury	0.00006	0.000006	0.001	0.0001	0.07	0.007	0.2	0.02	0.08	0.008	0.05	0.005	0.02	0.002	0.02	0.002	0.02	0.002
Metals	Vanadium	0.1	0.06	0.02	0.01	**1**	0.6	2	**1**	0.4	0.2	0.07	0.04	0.09	0.04	0.5	0.3	0.1	0.06
OCPs	4,4'-DDE	60	6	50	10	30	3	20	2	40	7	30	5	3	0.7	0.06	0.006	0.9	0.2
OCPs	4,4'-DDT	2	0.2	2	0.3	2	0.2	3	0.3	5	0.9	5	**1**	0.6	0.1	0.01	0.001	0.2	0.04
OCPs	Calculated DDx (ND=0.5DL)	30	3	20	5	20	2	20	2	40	7	30	7	4	0.9	0.07	0.007	**1**	0.2
OCPs	beta-BHC	2	0.4	**1**	0.3	2	0.5	4	**1**	5	**1**	6	**1**	0.8	0.2	0.01	0.003	0.2	0.04
OCPs	Hexachlorobenzene	**1**	0.1	0.09	0.009	30	3	90	9	10	**1**	10	**1**	2	0.2	0.06	0.006	0.4	0.04
PCBs	Calculated Total PCBs (ND=0.5DL)	0.00005	0.00002	0.003	0.0006	0.1	0.07	0.4	0.2	2	0.4	3	0.5	0.3	0.06	0.002	0.0007	0.09	0.02
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	0.0007	0.00007	NA	NA	2	0.2	5	0.5	NA	NA	NA	NA	NA	NA	0.02	0.002	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	NA	NA	0.006	0.002	NA	NA	NA	NA	5	**1**	5	**1**	0.7	0.2	NA	NA	0.2	0.05
SVOCs	Octachlorostyrene	0.03	0.003	0.02	0.002	0.03	0.003	0.1	0.01	0.06	0.006	0.05	0.005	0.02	0.002	0.01	0.001	0.02	0.002

Group	Chemical	Realistic HQ (AUF ≤ 1)																	
		Cooper's Hawk		Kit Fox		Western Burrowing Owl		American Robin		Desert Shrew		Fringed Myotis		Raccoon		Mourning Dove		Great Basin Pocket Mouse	
		AUF = 0.52		AUF = 0.094		AUF = 0.93		AUF = 1		AUF = 1		AUF = 0.0035		AUF = 0.17		AUF = 0.017		AUF = 1	
		MAX/ NOAEL	MAX/ LOAEL	MAX/ NOAEL	MAX/ LOAEL	MAX/ NOAEL	MAX/ LOAEL	MAX/ NOAEL	MAX/ LOAEL	MAX/ NOAEL	MAX/ LOAEL	MAX/ NOAEL	MAX/ LOAEL	MAX/ NOAEL	MAX/ LOAEL	MAX/ NOAEL	MAX/ LOAEL	MAX/ NOAEL	MAX/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	4	2	**1**	0.2	30	10	90	40	200	30	0.6	0.1	5	**1**	0.05	0.02	20	3
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.2	0.02	NA	NA	100	10	400	40	NA	NA	NA	NA	NA	NA	0.1	0.01	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	0.3	0.09	NA	NA	NA	NA	500	100	2	0.5	10	4	NA	NA	40	10
Metals	Antimony	NC	NC	0.006	0.0006	NC	NC	NC	NC	4	0.4	0.02	0.002	0.1	0.01	NC	NC	0.5	0.05
Metals	Boron	0.1	0.04	0.02	0.006	0.5	0.1	**1**	0.4	2	0.5	0.002	0.0006	0.07	0.02	0.004	0.001	0.6	0.2
Metals	Lead	0.2	0.1	0.01	0.007	2	**1**	6	3	3	**1**	0.006	0.003	0.08	0.04	0.008	0.004	0.5	0.3
Metals	Manganese	0.8	0.4	0.7	0.2	7	3	20	9	100	40	0.02	0.005	5	2	0.09	0.04	50	20
Metals	Mercury	0.00003	0.000003	0.0001	0.00001	0.07	0.007	0.2	0.02	0.08	0.008	0.0002	0.00002	0.003	0.0003	0.0003	0.00003	0.02	0.002
Metals	Vanadium	0.07	0.03	0.002	0.0009	**1**	0.6	2	**1**	0.4	0.2	0.0003	0.0001	0.01	0.007	0.009	0.004	0.1	0.06
OCPs	4,4'-DDE	30	3	5	**1**	30	3	20	2	40	7	0.09	0.02	0.6	0.1	0.0009	0.00009	0.9	0.2
OCPs	4,4'-DDT	0.9	0.09	0.2	0.03	2	0.2	3	0.3	5	0.9	0.02	0.003	0.1	0.02	0.0002	0.00002	0.2	0.04
OCPs	Calculated DDx (ND=0.5DL)	10	**1**	2	0.5	20	2	20	2	40	7	0.1	0.02	0.7	0.1	0.001	0.0001	**1**	0.2
OCPs	beta-BHC	0.9	0.2	0.1	0.03	2	0.5	4	**1**	5	**1**	0.02	0.004	0.1	0.03	0.0002	0.00004	0.2	0.04
OCPs	Hexachlorobenzene	0.6	0.06	0.009	0.0009	30	3	90	9	10	**1**	0.05	0.005	0.3	0.03	0.001	0.0001	0.4	0.04
PCBs	Calculated Total PCBs (ND=0.5DL)	0.00003	0.00001	0.0003	0.00006	0.1	0.06	0.4	0.2	2	0.4	0.009	0.002	0.06	0.01	0.00003	0.00001	0.09	0.02
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	0.0004	0.00004	NA	NA	2	0.2	5	0.5	NA	NA	NA	NA	NA	NA	0.0004	0.00004	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	NA	NA	0.0006	0.0002	NA	NA	NA	NA	5	**1**	0.02	0.005	0.1	0.03	NA	NA	0.2	0.05
SVOCs	Octachlorostyrene	0.01	0.001	0.002	0.0002	0.03	0.003	0.1	0.01	0.06	0.006	0.0002	0.00002	0.003	0.0003	0.0002	0.00002	0.02	0.002

Notes:

AUF = Area use factor
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
HQ = Hazard quotient
LOAEL = Lowest observed adverse effect level
MAX = Maximum

NA = Not applicable
NC = No criterion
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient

0.1	HQ<1
1	HQ = 1
5	1< HQ <10
50	10 < HQ ≤ 100
100	100 < HQ

TABLE 4-8b: Terrestrial Wildlife Food Web Model Maximum Hazard Quotient Summaries: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1)																	
		Cooper's Hawk		Kit Fox		Western Burrowing Owl		American Robin		Desert Shrew		Fringed Myotis		Raccoon		Mourning Dove		Great Basin Pocket Mouse	
		MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	9	4	10	2	30	20	90	40	200	30	200	30	30	6	3	**1**	20	3
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.4	0.04	NA	NA	100	10	400	40	NA	NA	NA	NA	NA	NA	9	0.9	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	3	0.9	NA	NA	NA	NA	500	100	500	100	80	20	NA	NA	40	10
Metals	Antimony	NC	NC	0.07	0.007	NC	NC	NC	NC	4	0.4	4	0.4	0.7	0.07	NC	NC	0.5	0.05
Metals	Boron	0.3	0.08	0.2	0.06	0.5	0.2	**1**	0.4	2	0.5	0.6	0.2	0.4	0.1	0.2	0.06	0.6	0.2
Metals	Lead	0.4	0.2	0.1	0.07	2	**1**	6	3	3	**1**	2	0.9	0.5	0.3	0.5	0.2	0.5	0.3
Metals	Manganese	2	0.7	7	3	7	3	20	9	100	40	4	2	30	10	6	3	50	20
Metals	Mercury	0.00006	0.000006	0.001	0.0001	0.07	0.007	0.2	0.02	0.08	0.008	0.05	0.005	0.02	0.002	0.02	0.002	0.02	0.002
Metals	Vanadium	0.1	0.06	0.02	0.01	**1**	0.6	2	**1**	0.4	0.2	0.07	0.04	0.09	0.04	0.5	0.3	0.1	0.06
OCPs	4,4'-DDE	60	6	50	10	30	3	20	2	40	7	30	5	3	0.7	0.06	0.006	0.9	0.2
OCPs	4,4'-DDT	2	0.2	2	0.3	2	0.2	3	0.3	5	0.9	5	**1**	0.6	0.1	0.01	0.001	0.2	0.04
OCPs	Calculated DDx (ND=0.5DL)	30	3	20	5	20	2	20	2	40	7	30	7	4	0.9	0.07	0.007	**1**	0.2
OCPs	beta-BHC	2	0.4	**1**	0.3	2	0.5	4	**1**	5	**1**	6	**1**	0.8	0.2	0.01	0.003	0.2	0.04
OCPs	Hexachlorobenzene	**1**	0.1	0.09	0.009	30	3	90	9	10	**1**	10	**1**	2	0.2	0.06	0.006	0.4	0.04
PCBs	Calculated Total PCBs (ND=0.5DL)	0.00005	0.00002	0.003	0.0006	0.1	0.07	0.4	0.2	2	0.4	3	0.5	0.3	0.06	0.002	0.0007	0.09	0.02
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	0.0007	0.00007	NA	NA	2	0.2	5	0.5	NA	NA	NA	NA	NA	NA	0.02	0.002	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	NA	NA	0.006	0.002	NA	NA	NA	NA	5	**1**	5	**1**	0.7	0.2	NA	NA	0.2	0.05
SVOCs	Octachlorostyrene	0.03	0.003	0.02	0.002	0.03	0.003	0.1	0.01	0.06	0.006	0.05	0.005	0.02	0.002	0.01	0.001	0.02	0.002

Group	Chemical	Realistic HQ (AUF ≤ 1)																	
		Cooper's Hawk		Kit Fox		Western Burrowing Owl		American Robin		Desert Shrew		Fringed Myotis		Raccoon		Mourning Dove		Great Basin Pocket Mouse	
		AUF = 0.26		AUF = 0.048		AUF = 0.48		AUF = 1		AUF = 1		AUF = 0.0018		AUF = 0.085		AUF = 0.0086		AUF = 1	
		MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	2	**1**	0.5	0.1	20	8	90	40	200	30	0.3	0.06	2	0.5	0.03	0.01	20	3
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.1	0.01	NA	NA	70	7	400	40	NA	NA	NA	NA	NA	NA	0.07	0.007	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	0.2	0.04	NA	NA	NA	NA	500	100	0.9	0.2	7	2	NA	NA	40	10
Metals	Antimony	NC	NC	0.003	0.0003	NC	NC	NC	NC	4	0.4	0.008	0.0008	0.06	0.006	NC	NC	0.5	0.05
Metals	Boron	0.07	0.02	0.01	0.003	0.3	0.07	**1**	0.4	2	0.5	0.001	0.0003	0.04	0.01	0.002	0.0006	0.6	0.2
Metals	Lead	0.1	0.05	0.006	0.003	**1**	0.6	6	3	3	**1**	0.003	0.002	0.04	0.02	0.004	0.002	0.5	0.3
Metals	Manganese	0.4	0.2	0.3	0.1	3	2	20	9	100	40	0.008	0.003	3	0.9	0.05	0.02	50	20
Metals	Mercury	0.00002	0.000002	0.00007	0.000007	0.03	0.003	0.2	0.02	0.08	0.008	0.00009	0.000009	0.001	0.0001	0.0002	0.00002	0.02	0.002
Metals	Vanadium	0.03	0.02	0.0009	0.0005	0.6	0.3	2	**1**	0.4	0.2	0.0001	0.00007	0.007	0.004	0.005	0.002	0.1	0.06
OCPs	4,4'-DDE	10	**1**	2	0.5	10	**1**	20	2	40	7	0.05	0.009	0.3	0.06	0.0005	0.00005	0.9	0.2
OCPs	4,4'-DDT	0.5	0.05	0.08	0.02	0.9	0.09	3	0.3	5	0.9	0.009	0.002	0.05	0.01	0.0001	0.00001	0.2	0.04
OCPs	Calculated DDx (ND=0.5DL)	7	0.7	**1**	0.2	9	0.9	20	2	40	7	0.06	0.01	0.4	0.07	0.0006	0.00006	**1**	0.2
OCPs	beta-BHC	0.5	0.1	0.07	0.01	**1**	0.3	4	**1**	5	**1**	0.01	0.002	0.06	0.01	0.00009	0.00002	0.2	0.04
OCPs	Hexachlorobenzene	0.3	0.03	0.004	0.0004	20	2	90	9	10	**1**	0.03	0.003	0.1	0.01	0.0005	0.00005	0.4	0.04
PCBs	Calculated Total PCBs (ND=0.5DL)	0.00001	0.000006	0.0001	0.00003	0.07	0.03	0.4	0.2	2	0.4	0.005	0.0009	0.03	0.006	0.00001	0.000006	0.09	0.02
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	0.0002	0.00002	NA	NA	0.9	0.09	5	0.5	NA	NA	NA	NA	NA	NA	0.0002	0.00002	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	NA	NA	0.0003	0.00008	NA	NA	NA	NA	5	**1**	0.01	0.003	0.06	0.02	NA	NA	0.2	0.05
SVOCs	Octachlorostyrene	0.007	0.0007	0.0008	0.00008	0.02	0.002	0.1	0.01	0.06	0.006	0.00009	0.000009	0.002	0.0002	0.00009	0.000009	0.02	0.002

Notes:

AUF = Area use factor
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
HQ = Hazard quotient
LOAEL = Lowest observed adverse effect level
MAX = Maximum
NA = Not applicable
NC = No criterion
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient

0.1	HQ<1
1	HQ = 1
5	1< HQ <10
50	10 < HQ ≤ 100
100	100 < HQ

TABLE 4-8c: Terrestrial Wildlife Food Web Model Maximum Hazard Quotient Summaries: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1)																	
		Cooper's Hawk		Kit Fox		Western Burrowing Owl		American Robin		Desert Shrew		Fringed Myotis		Raccoon		Mourning Dove		Great Basin Pocket Mouse	
		MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	0.07	0.03	0.08	0.02	0.2	0.1	**1**	0.6	**1**	0.2	**1**	0.3	0.4	0.09	0.1	0.06	0.4	0.08
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.003	0.0003	NA	NA	**1**	0.1	3	0.3	NA	NA	NA	NA	NA	NA	0.07	0.007	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	0.02	0.005	NA	NA	NA	NA	3	0.7	3	0.7	0.4	0.1	NA	NA	0.2	0.06
Metals	Antimony	NC	NC	0.06	0.006	NC	NC	NC	NC	4	0.4	4	0.4	0.7	0.07	NC	NC	0.4	0.04
Metals	Boron	0.02	0.006	0.02	0.005	0.04	0.01	0.1	0.03	0.1	0.04	0.04	0.01	0.03	0.009	0.02	0.005	0.04	0.01
Metals	Cadmium	0.03	0.005	0.04	0.004	0.05	0.01	0.2	0.04	0.3	0.03	0.09	0.009	0.1	0.01	0.04	0.007	0.2	0.02
Metals	Lead	0.3	0.1	0.08	0.04	**1**	0.6	3	**1**	**1**	0.6	0.8	0.4	0.2	0.1	0.2	0.1	0.2	0.1
OCPs	4,4'-DDE	30	3	20	5	10	**1**	5	0.5	10	3	8	2	**1**	0.2	0.02	0.002	0.3	0.05
OCPs	4,4'-DDT	2	0.2	**1**	0.3	2	0.2	2	0.2	4	0.8	4	0.8	0.5	0.1	0.01	0.001	0.1	0.03
OCPs	Calculated DDx (ND=0.5DL)	10	**1**	9	2	7	0.7	8	0.8	10	3	10	3	2	0.3	0.03	0.003	0.4	0.09
OCPs	beta-BHC	0.5	0.1	0.4	0.08	0.5	0.1	0.7	0.2	**1**	0.2	**1**	0.2	0.1	0.03	0.002	0.0004	0.03	0.007

Group	Chemical	Realistic HQ (AUF ≤ 1)																	
		Cooper's Hawk		Kit Fox		Western Burrowing Owl		American Robin		Desert Shrew		Fringed Myotis		Raccoon		Mourning Dove		Great Basin Pocket Mouse	
		AUF = 0.1		AUF = 0.018		AUF = 0.18		AUF = 1		AUF = 1		AUF = 0.0007		AUF = 0.033		AUF = 0.0033		AUF = 1	
		MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	0.007	0.003	0.002	0.0003	0.04	0.02	**1**	0.6	**1**	0.2	0.0009	0.0002	0.01	0.003	0.0004	0.0002	0.4	0.08
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.0003	0.00003	NA	NA	**0.2**	0.02	3	0.3	NA	NA	NA	NA	NA	NA	0.0002	0.00002	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	0.0003	0.00009	NA	NA	NA	NA	3	0.7	0.002	0.0005	0.01	0.004	NA	NA	0.2	0.06
Metals	Antimony	NC	NC	0.001	0.0001	NC	NC	NC	NC	4	0.4	0.003	0.0003	0.02	0.002	NC	NC	0.4	0.04
Metals	Boron	0.002	0.0006	0.0003	0.00009	0.007	0.002	0.1	0.03	0.1	0.04	0.00003	0.000009	0.001	0.0003	0.00006	0.00002	0.04	0.01
Metals	Cadmium	0.003	0.0005	0.0008	0.0004	0.01	0.002	0.2	0.04	0.3	0.03	0.00007	0.000007	0.004	0.0004	0.0001	0.00002	0.2	0.02
Metals	Lead	0.03	0.01	0.001	0.0007	**0.2**	0.1	3	**1**	**1**	0.6	0.0006	0.0003	0.008	0.004	0.0007	0.0004	0.2	0.1
OCPs	4,4'-DDE	3	0.3	0.4	0.09	2	**0.2**	5	0.5	10	3	0.006	0.001	0.03	0.007	0.00005	0.000005	0.3	0.05
OCPs	4,4'-DDT	0.2	0.02	0.03	0.005	0.3	0.03	2	0.2	4	0.8	0.003	0.0006	0.02	0.003	0.00004	0.000004	0.1	0.03
OCPs	Calculated DDx (ND=0.5DL)	**1**	0.1	0.2	0.03	**1**	0.1	8	0.8	10	3	0.009	0.002	0.05	0.01	0.00009	0.000009	0.4	0.09
OCPs	beta-BHC	0.05	0.01	0.008	0.002	0.08	0.02	0.7	0.2	**1**	0.2	0.0007	0.0001	0.004	0.0009	0.000006	0.000001	0.03	0.007

Notes:

AUF = Area use factor
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
HQ = Hazard quotient
LOAEL = Lowest observed adverse effect level
MAX = Maximum

NA = Not applicable
NC = No criterion
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient

0.1	HQ<1
1	HQ = 1
5	1< HQ <10
50	10 < HQ ≤ 100

TABLE 4-8d: Terrestrial Wildlife Food Web Model Maximum Hazard Quotient Summaries: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1)																	
		Cooper's Hawk		Kit Fox		Western Burrowing Owl		American Robin		Desert Shrew		Fringed Myotis		Raccoon		Mourning Dove		Great Basin Pocket Mouse	
		MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	3	2	4	0.8	10	6	40	20	60	10	60	10	10	2	**1**	0.7	7	**1**
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.04	0.004	NA	NA	10	**1**	40	4	NA	NA	NA	NA	NA	NA	0.8	0.08	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	0.2	0.06	NA	NA	NA	NA	30	9	30	9	5	**1**	NA	NA	3	0.8
OCPs	4,4'-DDE	6	0.6	5	**1**	3	0.3	0.5	0.05	2	0.4	0.8	0.2	0.1	0.02	0.002	0.0002	0.03	0.005
OCPs	4,4'-DDT	0.4	0.04	0.3	0.06	0.3	0.03	0.3	0.03	0.5	0.1	0.5	0.1	0.06	0.01	0.001	0.0001	0.02	0.004
OCPs	Calculated DDx (ND=0.5DL)	0.8	0.08	0.7	0.1	0.6	0.06	0.6	0.06	**1**	0.2	**1**	0.2	0.1	0.03	0.003	0.0003	0.04	0.007
OCPs	beta-BHC	0.2	0.06	0.2	0.04	0.2	0.05	0.2	0.06	0.4	0.07	0.4	0.07	0.05	0.009	0.0006	0.0002	0.01	0.002
OCPs	Hexachlorobenzene	0.2	0.02	0.02	0.002	5	0.5	10	**1**	2	0.2	2	0.2	0.3	0.03	0.01	0.001	0.06	0.006
SVOCs	Octachlorostyrene	0.01	0.001	0.008	0.0008	0.02	0.002	0.05	0.005	0.03	0.003	0.03	0.003	0.009	0.0009	0.005	0.0005	0.009	0.0009

Group	Chemical	Realistic HQ (AUF ≤ 1)																	
		Cooper's Hawk		Kit Fox		Western Burrowing Owl		American Robin		Desert Shrew		Fringed Myotis		Raccoon		Mourning Dove		Great Basin Pocket Mouse	
		AUF = 0.017		AUF = 0.0031		AUF = 0.03		AUF = 1		AUF = 1		AUF = 0.00012		AUF = 0.0055		AUF = 0.00055		AUF = 1	
		MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	0.05	0.03	0.01	0.003	0.4	0.2	40	20	60	10	0.008	0.002	0.06	0.01	0.0008	0.0004	7	**1**
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.0006	0.00006	NA	NA	0.4	**0.04**	40	4	NA	NA	NA	NA	NA	NA	0.0005	0.00005	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	0.0007	0.0002	NA	NA	NA	NA	30	9	0.004	0.001	0.03	0.008	NA	NA	3	0.8
OCPs	4,4'-DDE	0.1	0.01	0.02	0.003	0.08	0.008	0.5	0.05	2	0.4	0.00009	0.00002	0.0005	0.0001	8E-07	8E-08	0.03	0.005
OCPs	4,4'-DDT	0.006	0.0006	0.001	0.0002	0.008	0.0008	0.3	0.03	0.5	0.1	0.00006	0.00001	0.0004	0.00007	7E-07	7E-08	0.02	0.004
OCPs	Calculated DDx (ND=0.5DL)	0.01	0.001	0.002	0.0005	0.02	0.002	0.6	0.06	**1**	0.2	0.0001	0.00002	0.0007	0.0001	0.000002	2E-07	0.04	0.007
OCPs	beta-BHC	0.004	0.001	0.0006	0.0001	0.006	0.001	0.2	0.06	0.4	0.07	0.00004	0.000009	0.0002	0.00005	3E-07	9E-08	0.01	0.002
OCPs	Hexachlorobenzene	0.003	0.0003	0.00005	0.000005	0.2	0.02	10	**1**	2	0.2	0.0003	0.00003	0.002	0.0002	0.000005	5E-07	0.06	0.006
SVOCs	Octachlorostyrene	0.0002	0.00002	0.00003	0.000003	0.0005	0.00005	0.05	0.005	0.03	0.003	0.000003	3E-07	0.00005	0.000005	0.000003	3E-07	0.009	0.0009

Notes:

AUF = Area use factor
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
HQ = Hazard quotient
LOAEL = Lowest observed adverse effect level
MAX = Maximum
NA = Not applicable
NC = No criterion
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient

0.1	HQ<1
1	HQ = 1
5	1< HQ <10
50	10 < HQ ≤ 100

TABLE 4-8e: Terrestrial Wildlife Food Web Model Maximum Hazard Quotient Summaries: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1)																	
		Cooper's Hawk		Kit Fox		Western Burrowing Owl		American Robin		Desert Shrew		Fringed Myotis		Raccoon		Mourning Dove		Great Basin Pocket Mouse	
		MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	0.01	0.006	0.01	0.003	0.04	0.02	0.3	0.2	0.2	0.04	0.2	0.05	0.1	0.02	0.04	0.02	0.1	0.03
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.002	0.0002	NA	NA	0.9	0.09	2	0.2	NA	NA	NA	NA	NA	NA	0.05	0.005	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	0.01	0.004	NA	NA	NA	NA	2	0.6	2	0.6	0.3	0.09	NA	NA	0.2	0.05
Metals	Boron	0.006	0.002	0.005	0.001	0.01	0.003	0.03	0.008	0.04	0.01	0.01	0.004	0.009	0.003	0.005	0.001	0.01	0.004
OCPs	beta-BHC	0.07	0.02	0.06	0.01	0.05	0.01	0.05	0.01	0.08	0.02	0.07	0.01	0.009	0.002	0.0001	0.00003	0.002	0.0004

Group	Chemical	Realistic HQ (AUF ≤ 1)																	
		Cooper's Hawk		Kit Fox		Western Burrowing Owl		American Robin		Desert Shrew		Fringed Myotis		Raccoon		Mourning Dove		Great Basin Pocket Mouse	
		AUF = 0.017		AUF = 0.0031		AUF = 0.031		AUF = 1		AUF = 1		AUF = 0.00012		AUF = 0.0055		AUF = 0.00056		AUF = 1	
		MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ	MAX/ NOAEL HQ	MAX/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	0.0002	0.0001	0.00005	0.000009	0.001	0.0007	0.3	0.2	0.2	0.04	0.00003	0.000005	0.0007	0.0001	0.00002	0.00001	0.1	0.03
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.00004	0.000004	NA	NA	0.03	0.003	2	0.2	NA	NA	NA	NA	NA	NA	0.00003	0.000003	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	0.00005	0.00001	NA	NA	NA	NA	2	0.6	0.0003	0.00007	0.002	0.0005	NA	NA	0.2	0.05
Metals	Boron	0.0001	0.00003	0.00001	0.000004	0.0003	0.0001	0.03	0.008	0.04	0.01	0.000001	4E-07	0.00005	0.00001	0.000003	8E-07	0.01	0.004
OCPs	beta-BHC	0.001	0.0003	0.0002	0.00004	0.001	0.0004	0.05	0.01	0.08	0.02	0.000008	0.000002	0.00005	0.00001	7E-08	2E-08	0.002	0.0004

Notes:

AUF = Area use factor
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
HQ = Hazard quotient
LOAEL = Lowest observed adverse effect level
MAX = Maximum
NA = Not applicable
NC = No criterion
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient

0.1	HQ<1
1	HQ = 1
5	1< HQ <10

TABLE 4-9a: Terrestrial Wildlife Food Web Model Average and UCL Hazard Quotient Summaries using NOAEL and LOAEL TRVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1) Cooper's Hawk				Conservative HQ (AUF = 1) Kit Fox				Conservative HQ (AUF = 1) Western Burrowing Owl				Conservative HQ (AUF = 1) American Robin			
		AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	0.2	0.1	0.3	0.2	0.2	0.05	0.4	0.08	0.7	0.4	**1**	0.6	3	**1**	4	2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.008	0.0008	0.01	0.001	NA	NA	NA	NA	3	0.3	5	0.5	8	0.8	10	**1**
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	NA	NA	0.05	0.01	0.09	0.03	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	NC	NC	NC	NC	0.01	0.001	0.01	0.001	NC	NC	NC	NC	NC	NC	NC	NC
Metals	Boron	0.005	0.001	0.01	0.003	0.004	0.001	0.008	0.002	0.009	0.003	0.02	0.005	0.02	0.006	0.05	0.01
Metals	Lead	0.1	0.06	0.1	0.06	0.03	0.01	0.03	0.02	0.2	0.1	0.3	0.1	0.5	0.3	0.7	0.3
Metals	Manganese	0.02	0.009	0.05	0.02	0.09	0.03	0.2	0.09	0.1	0.05	0.3	0.1	0.3	0.1	0.7	0.4
Metals	Mercury	0.000002	0.0000002	0.000003	0.0000003	0.00004	0.000004	0.00006	0.000006	0.002	0.0002	0.003	0.0003	0.005	0.0005	0.008	0.0008
Metals	Vanadium	0.08	0.04	0.08	0.04	0.01	0.006	0.01	0.006	0.7	0.4	0.8	0.4	**1**	0.6	**1**	0.7
OCPs	4,4'-DDE	6	0.6	10	**1**	6	**1**	9	2	3	0.3	5	0.5	0.5	0.05	**1**	0.1
OCPs	4,4'-DDT	0.2	0.02	0.3	0.03	0.2	0.04	0.3	0.05	0.1	0.01	0.2	0.02	0.1	0.01	0.2	0.02
OCPs	Calculated DDx (ND=0.5DL)	0.6	0.06	**1**	0.1	0.5	0.1	**1**	0.2	0.4	0.04	0.8	0.08	0.5	0.05	0.9	0.09
OCPs	beta-BHC	0.2	0.05	0.3	0.06	0.2	0.03	0.2	0.04	0.1	0.04	0.2	0.05	0.2	0.04	0.3	0.07
OCPs	Hexachlorobenzene	0.03	0.003	0.04	0.004	0.003	0.0003	0.004	0.0004	0.9	0.09	**1**	0.1	3	0.3	4	0.4
PCBs	Calculated Total PCBs (ND=0.5DL)	0.000007	0.000003	0.00001	0.000005	0.0004	0.00008	0.0007	0.0001	0.02	0.009	0.03	0.01	0.06	0.03	0.09	0.04
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	0.0001	0.00001	0.0002	0.00002	NA	NA	NA	NA	0.3	0.03	0.4	0.04	0.8	0.08	**1**	0.1
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	NA	NA	NA	NA	0.0009	0.0003	0.001	0.0004	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	0.01	0.001	0.02	0.002	0.006	0.0006	0.01	0.001	0.01	0.001	0.03	0.003	0.04	0.004	0.08	0.008

Group	Chemical	Realistic HQ (AUF = 0.52) Cooper's Hawk				Realistic HQ (AUF = 0.094) Kit Fox				Realistic HQ (AUF = 0.93) Western Burrowing Owl				Realistic HQ (AUF = 1) American Robin			
		AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	0.1	0.05	0.2	0.08	0.02	0.005	0.04	0.007	0.7	0.3	**1**	0.5	3	**1**	4	2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.004	0.0004	0.007	0.0007	NA	NA	NA	NA	3	0.3	4	0.4	8	0.8	10	**1**
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	NA	NA	0.005	0.001	0.009	0.002	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	NC	NC	NC	NC	0.001	0.0001	0.001	0.0001	NC	NC	NC	NC	NC	NC	NC	NC
Metals	Boron	0.002	0.0007	0.005	0.001	0.0003	0.0001	0.0007	0.0002	0.009	0.002	0.02	0.005	0.02	0.006	0.05	0.01
Metals	Lead	0.06	0.03	0.07	0.03	0.002	0.001	0.003	0.001	0.2	0.1	0.3	0.1	0.5	0.3	0.7	0.3
Metals	Manganese	0.01	0.005	0.03	0.01	0.008	0.003	0.02	0.008	0.1	0.05	0.3	0.1	0.3	0.1	0.7	0.4
Metals	Mercury	0.000001	0.0000001	0.000001	0.0000001	0.000004	0.0000004	0.000006	0.0000006	0.002	0.0002	0.003	0.0003	0.005	0.0005	0.008	0.0008
Metals	Vanadium	0.04	0.02	0.04	0.02	0.001	0.0006	0.001	0.0006	0.7	0.3	0.7	0.3	**1**	0.6	**1**	0.7
OCPs	4,4'-DDE	3	0.3	5	0.5	0.5	0.1	0.9	0.2	3	0.3	4	0.4	0.5	0.05	**1**	0.1
OCPs	4,4'-DDT	0.1	0.01	0.2	0.02	0.02	0.003	0.03	0.005	0.1	0.01	0.2	0.02	0.1	0.01	0.2	0.02
OCPs	Calculated DDx (ND=0.5DL)	0.3	0.03	0.6	0.06	0.05	0.01	0.1	0.02	0.4	0.04	0.8	0.08	0.5	0.05	0.9	0.09
OCPs	beta-BHC	0.1	0.02	0.1	0.03	0.01	0.003	0.02	0.004	0.1	0.03	0.2	0.05	0.2	0.04	0.3	0.07
OCPs	Hexachlorobenzene	0.02	0.002	0.02	0.002	0.0002	0.00002	0.0003	0.00003	0.9	0.09	**1**	0.1	3	0.3	4	0.4
PCBs	Calculated Total PCBs (ND=0.5DL)	0.000004	0.000002	0.000006	0.000003	0.00004	0.000008	0.00006	0.00001	0.02	0.009	0.03	0.01	0.06	0.03	0.09	0.04
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	0.00006	0.000006	0.00008	0.000008	NA	NA	NA	NA	0.3	0.03	0.4	0.04	0.8	0.08	**1**	0.1
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	NA	NA	NA	NA	0.00009	0.00002	0.0001	0.00004	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	0.006	0.0006	0.01	0.001	0.0006	0.00006	0.001	0.0001	0.01	0.001	0.02	0.002	0.04	0.004	0.08	0.008

Notes:

% = Percent
AUF = Area use factor
AVG = Average
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
HQ = Hazard quotient
LOAEL = Lowest observed adverse effect level
NA = Not applicable
NC = No criterion
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference values
UCL = 95% upper confidence level

0.1	HQ<1
1	HQ = 1
5	1< HQ <10
50	10 < HQ ≤ 100

TABLE 4-9a: Terrestrial Wildlife Food Web Model Average and UCL Hazard Quotient Summaries using NOAEL and LOAEL TRVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1) Desert Shrew				Conservative HQ (AUF = 1) Fringed Myotis				Conservative HQ (AUF = 1) Raccoon				Conservative HQ (AUF = 1) Mourning Dove			
		AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	4	0.7	6	**1**	4	0.8	6	**1**	**1**	0.2	**1**	0.3	0.2	0.1	0.3	0.2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2	0.02	0.3	0.03
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	7	2	10	4	7	2	10	4	**1**	0.3	2	0.6	NA	NA	NA	NA
Metals	Antimony	0.8	0.08	0.9	0.09	0.7	0.07	0.8	0.08	0.1	0.01	0.1	0.01	NC	NC	NC	NC
Metals	Boron	0.03	0.009	0.06	0.02	0.01	0.003	0.02	0.006	0.007	0.002	0.01	0.004	0.004	0.001	0.008	0.002
Metals	Lead	0.2	0.1	0.3	0.1	0.2	0.08	0.2	0.1	0.04	0.02	0.05	0.03	0.04	0.02	0.05	0.02
Metals	Manganese	2	0.5	4	**1**	0.2	0.08	0.4	0.2	0.4	0.1	**1**	0.4	0.07	0.03	0.2	0.09
Metals	Mercury	0.002	0.0002	0.003	0.0003	0.001	0.0001	0.002	0.0002	0.0004	0.00004	0.0007	0.00007	0.0005	0.00005	0.0008	0.00008
Metals	Vanadium	0.3	0.1	0.3	0.1	0.04	0.02	0.05	0.02	0.05	0.03	0.06	0.03	0.3	0.2	0.3	0.2
OCPs	4,4'-DDE	2	0.5	4	0.8	0.8	0.2	2	0.3	0.1	0.02	0.2	0.04	0.002	0.0002	0.003	0.0003
OCPs	4,4'-DDT	0.2	0.05	0.4	0.08	0.2	0.04	0.4	0.08	0.03	0.006	0.05	0.01	0.0006	0.00006	0.001	0.0001
OCPs	Calculated DDx (ND=0.5DL)	0.8	0.2	2	0.3	0.8	0.2	2	0.3	0.1	0.02	0.2	0.04	0.002	0.0002	0.004	0.0004
OCPs	beta-BHC	0.3	0.05	0.4	0.08	0.3	0.05	0.4	0.08	0.03	0.007	0.05	0.01	0.0005	0.0001	0.0007	0.0002
OCPs	Hexachlorobenzene	0.3	0.03	0.4	0.04	0.4	0.04	0.5	0.05	0.05	0.005	0.07	0.007	0.002	0.0002	0.002	0.0002
PCBs	Calculated Total PCBs (ND=0.5DL)	0.3	0.06	0.5	0.1	0.3	0.07	0.6	0.1	0.04	0.009	0.07	0.01	0.0002	0.0001	0.0004	0.0002
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.003	0.0003	0.005	0.0005
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	0.7	0.2	**1**	0.3	0.8	0.2	**1**	0.3	0.1	0.03	0.2	0.04	NA	NA	NA	NA
SVOCs	Octachlorostyrene	0.02	0.002	0.05	0.005	0.02	0.002	0.04	0.004	0.007	0.0007	0.01	0.001	0.004	0.0004	0.008	0.0008

Group	Chemical	Realistic HQ (AUF = 1) Desert Shrew				Realistic HQ (AUF = 0.0035) Fringed Myotis				Realistic HQ (AUF = 0.17) Raccoon				Realistic HQ (AUF = 0.017) Mourning Dove			
		AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	4	0.7	6	**1**	0.01	0.003	0.02	0.004	0.2	0.03	0.3	0.05	0.004	0.002	0.005	0.003
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.003	0.0003	0.005	0.0005
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	7	2	10	4	0.03	0.007	0.05	0.01	0.2	0.05	0.4	0.1	NA	NA	NA	NA
Metals	Antimony	0.8	0.08	0.9	0.09	0.003	0.0003	0.003	0.0003	0.02	0.002	0.02	0.002	NC	NC	NC	NC
Metals	Boron	0.03	0.009	0.06	0.02	0.00003	0.00001	0.00007	0.00002	0.001	0.0004	0.003	0.0008	0.00007	0.00002	0.0001	0.00004
Metals	Lead	0.2	0.1	0.3	0.1	0.0006	0.0003	0.0007	0.0004	0.007	0.003	0.008	0.004	0.0006	0.0003	0.0008	0.0004
Metals	Manganese	2	0.5	4	**1**	0.0008	0.0003	0.002	0.0005	0.07	0.02	0.2	0.06	0.001	0.0006	0.003	0.002
Metals	Mercury	0.002	0.0002	0.003	0.0003	0.000005	0.0000005	0.000007	0.0000007	0.00008	0.000008	0.0001	0.00001	0.000009	0.0000009	0.00001	0.000001
Metals	Vanadium	0.3	0.1	0.3	0.1	0.0002	0.00008	0.0002	0.00008	0.009	0.005	0.009	0.005	0.005	0.003	0.006	0.003
OCPs	4,4'-DDE	2	0.5	4	0.8	0.003	0.0006	0.006	0.001	0.02	0.003	0.04	0.007	0.00003	0.000003	0.00006	0.000006
OCPs	4,4'-DDT	0.2	0.05	0.4	0.08	0.0008	0.0002	0.001	0.0003	0.005	0.0009	0.009	0.002	0.00001	0.000001	0.00002	0.000002
OCPs	Calculated DDx (ND=0.5DL)	0.8	0.2	2	0.3	0.003	0.0005	0.005	0.001	0.02	0.003	0.03	0.007	0.00004	0.000004	0.00007	0.000007
OCPs	beta-BHC	0.3	0.05	0.4	0.08	0.0009	0.0002	0.001	0.0003	0.006	0.001	0.009	0.002	0.000008	0.000002	0.00001	0.000003
OCPs	Hexachlorobenzene	0.3	0.03	0.4	0.04	0.001	0.0001	0.002	0.0002	0.008	0.0008	0.01	0.001	0.00003	0.000003	0.00004	0.000004
PCBs	Calculated Total PCBs (ND=0.5DL)	0.3	0.06	0.5	0.1	0.001	0.0002	0.002	0.0004	0.008	0.002	0.01	0.002	0.000004	0.000002	0.000006	0.000003
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00006	0.000006	0.00008	0.000008
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	0.7	0.2	**1**	0.3	0.003	0.0008	0.004	0.001	0.02	0.005	0.03	0.007	NA	NA	NA	NA
SVOCs	Octachlorostyrene	0.02	0.002	0.05	0.005	0.00007	0.000007	0.0001	0.00001	0.001	0.0001	0.002	0.0002	0.00007	0.000007	0.0001	0.00001

TABLE 4-9a: Terrestrial Wildlife Food Web Model Average and UCL Hazard Quotient Summaries using NOAEL and LOAEL TRVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1)			
		Great Basin Pocket Mouse			
		AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.8	0.2	**1**	0.2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	0.6	0.2	**1**	0.3
Metals	Antimony	0.08	0.008	0.09	0.009
Metals	Boron	0.01	0.003	0.02	0.006
Metals	Lead	0.03	0.02	0.04	0.02
Metals	Manganese	0.6	0.2	2	0.6
Metals	Mercury	0.0005	0.00005	0.0007	0.00007
Metals	Vanadium	0.08	0.04	0.08	0.04
OCPs	4,4'-DDE	0.03	0.005	0.06	0.01
OCPs	4,4'-DDT	0.008	0.002	0.01	0.003
OCPs	Calculated DDx (ND=0.5DL)	0.03	0.005	0.05	0.01
OCPs	beta-BHC	0.008	0.002	0.01	0.003
OCPs	Hexachlorobenzene	0.01	0.001	0.02	0.002
PCBs	Calculated Total PCBs (ND=0.5DL)	0.01	0.003	0.02	0.004
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	0.03	0.008	0.05	0.01
SVOCs	Octachlorostyrene	0.007	0.0007	0.01	0.001

Group	Chemical	Realistic HQ (AUF = 1)			
		Great Basin Pocket Mouse			
		AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.8	0.2	**1**	0.2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	0.6	0.2	**1**	0.3
Metals	Antimony	0.08	0.008	0.09	0.009
Metals	Boron	0.01	0.003	0.02	0.006
Metals	Lead	0.03	0.02	0.04	0.02
Metals	Manganese	0.6	0.2	2	0.6
Metals	Mercury	0.0005	0.00005	0.0007	0.00007
Metals	Vanadium	0.08	0.04	0.08	0.04
OCPs	4,4'-DDE	0.03	0.005	0.06	0.01
OCPs	4,4'-DDT	0.008	0.002	0.01	0.003
OCPs	Calculated DDx (ND=0.5DL)	0.03	0.005	0.05	0.01
OCPs	beta-BHC	0.008	0.002	0.01	0.003
OCPs	Hexachlorobenzene	0.01	0.001	0.02	0.002
PCBs	Calculated Total PCBs (ND=0.5DL)	0.01	0.003	0.02	0.004
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	0.03	0.008	0.05	0.01
SVOCs	Octachlorostyrene	0.007	0.0007	0.01	0.001

TABLE 4-9b: Terrestrial Wildlife Food Web Model Average and UCL Hazard Quotient Summaries using NOAEL and LOAEL TRVs: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1) Cooper's Hawk				Conservative HQ (AUF = 1) Kit Fox				Conservative HQ (AUF = 1) Western Burrowing Owl				Conservative HQ (AUF = 1) American Robin			
		AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	0.1	0.07	0.3	0.1	0.2	0.04	0.4	0.08	0.6	0.3	**1**	0.6	2	**1**	4	2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.01	0.001	0.02	0.002	NA	NA	NA	NA	4	0.4	6	0.6	10	**1**	20	2
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	NA	NA	0.06	0.02	0.1	0.03	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	NC	NC	NC	NC	0.01	0.001	0.01	0.001	NC	NC	NC	NC	NC	NC	NC	NC
Metals	Boron	0.005	0.002	0.01	0.003	0.004	0.001	0.009	0.003	0.01	0.003	0.02	0.006	0.02	0.007	0.05	0.02
Metals	Lead	0.1	0.06	0.1	0.07	0.03	0.01	0.03	0.02	0.2	0.1	0.3	0.1	0.5	0.3	0.7	0.3
Metals	Manganese	0.02	0.01	0.05	0.02	0.1	0.04	0.2	0.09	0.1	0.06	0.3	0.1	0.3	0.2	0.8	0.4
Metals	Mercury	0.000002	0.0000002	0.000004	0.0000004	0.00005	0.000005	0.00008	0.000008	0.002	0.0002	0.004	0.0004	0.006	0.0006	0.01	0.001
Metals	Vanadium	0.08	0.04	0.08	0.04	0.01	0.006	0.01	0.006	0.7	0.4	0.8	0.4	**1**	0.6	**1**	0.7
OCPs	4,4'-DDE	6	0.6	10	**1**	6	**1**	10	2	3	0.3	5	0.5	0.5	0.05	**1**	0.1
OCPs	4,4'-DDT	0.2	0.02	0.3	0.03	0.2	0.03	0.3	0.05	0.1	0.01	0.2	0.02	0.1	0.01	0.2	0.02
OCPs	Calculated DDx (ND=0.5DL)	0.6	0.06	**1**	0.1	0.6	0.1	**1**	0.3	0.4	0.04	**1**	0.1	0.5	0.05	**1**	0.1
OCPs	beta-BHC	0.2	0.05	0.3	0.07	0.2	0.03	0.2	0.05	0.2	0.04	0.2	0.06	0.2	0.05	0.3	0.08
OCPs	Hexachlorobenzene	0.03	0.003	0.05	0.005	0.003	0.0003	0.004	0.0004	**1**	0.1	2	0.2	3	0.3	4	0.4
PCBs	Calculated Total PCBs (ND=0.5DL)	0.000008	0.000004	0.00001	0.000006	0.0004	0.00009	0.0007	0.0001	0.02	0.01	0.03	0.02	0.06	0.03	0.09	0.04
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	0.0001	0.00001	0.0002	0.00002	NA	NA	NA	NA	0.3	0.03	0.5	0.05	0.8	0.08	**1**	0.1
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	NA	NA	NA	NA	0.001	0.0003	0.002	0.0004	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	0.01	0.001	0.03	0.003	0.008	0.0008	0.02	0.002	0.02	0.002	0.03	0.003	0.05	0.005	0.1	0.01

Group	Chemical	Realistic HQ (AUF = 0.26) Cooper's Hawk				Realistic HQ (AUF = 0.048) Kit Fox				Realistic HQ (AUF = 0.48) Western Burrowing Owl				Realistic HQ (AUF = 1) American Robin			
		AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	0.04	0.02	0.08	0.04	0.009	0.002	0.02	0.004	0.3	0.1	0.5	0.3	2	**1**	4	2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.003	0.0003	0.004	0.0004	NA	NA	NA	NA	2	0.2	3	0.3	10	**1**	20	2
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	NA	NA	0.003	0.0008	0.006	0.002	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	NC	NC	NC	NC	0.0005	0.00005	0.0006	0.00006	NC	NC	NC	NC	NC	NC	NC	NC
Metals	Boron	0.001	0.0004	0.003	0.0009	0.0002	0.00006	0.0004	0.0001	0.005	0.001	0.01	0.003	0.02	0.007	0.05	0.02
Metals	Lead	0.03	0.01	0.03	0.02	0.001	0.0007	0.001	0.0008	0.1	0.06	0.1	0.07	0.5	0.3	0.7	0.3
Metals	Manganese	0.006	0.003	0.01	0.006	0.005	0.002	0.01	0.004	0.06	0.03	0.1	0.06	0.3	0.2	0.8	0.4
Metals	Mercury	0.0000006	0.00000006	0.000001	0.0000001	0.000002	0.0000002	0.000004	0.0000004	0.001	0.0001	0.002	0.0002	0.006	0.0006	0.01	0.001
Metals	Vanadium	0.02	0.01	0.02	0.01	0.0006	0.0003	0.0006	0.0003	0.4	0.2	0.4	0.2	**1**	0.6	**1**	0.7
OCPs	4,4'-DDE	2	0.2	3	0.3	0.3	0.06	0.5	0.1	**1**	0.1	2	0.2	0.5	0.05	**1**	0.1
OCPs	4,4'-DDT	0.04	0.004	0.08	0.008	0.008	0.002	0.01	0.003	0.05	0.005	0.1	0.01	0.1	0.01	0.2	0.02
OCPs	Calculated DDx (ND=0.5DL)	0.2	0.02	0.4	0.04	0.03	0.005	0.06	0.01	0.2	0.02	0.5	0.05	0.5	0.05	**1**	0.1
OCPs	beta-BHC	0.05	0.01	0.08	0.02	0.008	0.002	0.01	0.002	0.08	0.02	0.1	0.03	0.2	0.05	0.3	0.08
OCPs	Hexachlorobenzene	0.009	0.0009	0.01	0.001	0.0001	0.00001	0.0002	0.00002	0.5	0.05	0.7	0.07	3	0.3	4	0.4
PCBs	Calculated Total PCBs (ND=0.5DL)	0.000002	0.0000009	0.000003	0.000001	0.00002	0.000004	0.00003	0.000006	0.01	0.005	0.02	0.007	0.06	0.03	0.09	0.04
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	0.00003	0.000003	0.00004	0.000004	NA	NA	NA	NA	0.1	0.01	0.2	0.02	0.8	0.08	**1**	0.1
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	NA	NA	NA	NA	0.00005	0.00001	0.00008	0.00002	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	0.004	0.0004	0.007	0.0007	0.0004	0.00004	0.0008	0.00008	0.008	0.0008	0.02	0.002	0.05	0.005	0.1	0.01

Notes:

% = Percent
AUF = Area use factor
AVG = Average
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
HQ = Hazard quotient
LOAEL = Lowest observed adverse effect level
NA = Not applicable
NC = No criterion
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference values
UCL = 95% upper confidence level

0.1	HQ<1
1	HQ = 1
5	1< HQ <10
50	10 < HQ ≤ 100

TABLE 4-9b: Terrestrial Wildlife Food Web Model Average and UCL Hazard Quotient Summaries using NOAEL and LOAEL TRVs: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1) Desert Shrew				Conservative HQ (AUF = 1) Fringed Myotis				Conservative HQ (AUF = 1) Raccoon				Conservative HQ (AUF = 1) Mourning Dove			
		AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	3	0.5	6	**1**	3	0.6	6	**1**	0.8	0.2	**1**	0.3	0.2	0.1	0.3	0.2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2	0.02	0.4	0.04
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	9	2	20	5	9	2	20	5	**1**	0.4	3	0.7	NA	NA	NA	NA
Metals	Antimony	0.7	0.07	0.8	0.08	0.7	0.07	0.8	0.08	0.1	0.01	0.1	0.01	NC	NC	NC	NC
Metals	Boron	0.03	0.01	0.07	0.02	0.01	0.003	0.02	0.007	0.008	0.002	0.02	0.005	0.004	0.001	0.009	0.003
Metals	Lead	0.2	0.1	0.3	0.1	0.2	0.08	0.2	0.1	0.04	0.02	0.05	0.03	0.04	0.02	0.05	0.02
Metals	Manganese	2	0.6	4	**1**	0.2	0.09	0.4	0.2	0.5	0.2	**1**	0.4	0.08	0.04	0.2	0.09
Metals	Mercury	0.003	0.0003	0.004	0.0004	0.002	0.0002	0.003	0.0003	0.0005	0.00005	0.0009	0.00009	0.0006	0.00006	0.001	0.0001
Metals	Vanadium	0.3	0.1	0.3	0.1	0.05	0.02	0.05	0.02	0.05	0.03	0.06	0.03	0.3	0.2	0.3	0.2
OCPs	4,4'-DDE	2	0.5	5	0.9	0.9	0.2	2	0.4	0.1	0.02	0.2	0.05	0.002	0.0002	0.004	0.0004
OCPs	4,4'-DDT	0.2	0.04	0.4	0.08	0.2	0.04	0.4	0.08	0.02	0.005	0.05	0.01	0.0005	0.00005	0.001	0.0001
OCPs	Calculated DDx (ND=0.5DL)	0.8	0.2	2	0.4	0.8	0.2	2	0.4	0.1	0.02	0.2	0.05	0.002	0.0002	0.005	0.0005
OCPs	beta-BHC	0.3	0.06	0.5	0.1	0.3	0.06	0.5	0.1	0.04	0.008	0.06	0.01	0.0005	0.0001	0.0009	0.0002
OCPs	Hexachlorobenzene	0.4	0.04	0.5	0.05	0.5	0.05	0.7	0.07	0.06	0.006	0.08	0.008	0.002	0.0002	0.003	0.0003
PCBs	Calculated Total PCBs (ND=0.5DL)	0.3	0.06	0.5	0.1	0.4	0.07	0.6	0.1	0.05	0.009	0.07	0.01	0.0002	0.0001	0.0004	0.0002
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.003	0.0003	0.005	0.0005
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	0.7	0.2	**1**	0.3	0.9	0.2	**1**	0.4	0.1	0.03	0.2	0.05	NA	NA	NA	NA
SVOCs	Octachlorostyrene	0.03	0.003	0.06	0.006	0.03	0.003	0.05	0.005	0.009	0.0009	0.02	0.002	0.005	0.0005	0.01	0.001

Group	Chemical	Realistic HQ (AUF = 1) Desert Shrew				Realistic HQ (AUF = 0.0018) Fringed Myotis				Realistic HQ (AUF = 0.085) Raccoon				Realistic HQ (AUF = 0.0086) Mourning Dove			
		AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	3	0.5	6	**1**	0.005	0.001	0.01	0.002	0.07	0.01	0.1	0.02	0.002	0.0009	0.003	0.001
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.002	0.0002	0.003	0.0003
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	9	2	20	5	0.02	0.004	0.03	0.008	0.1	0.03	0.2	0.06	NA	NA	NA	NA
Metals	Antimony	0.7	0.07	0.8	0.08	0.001	0.0001	0.001	0.0001	0.01	0.001	0.01	0.001	NC	NC	NC	NC
Metals	Boron	0.03	0.01	0.07	0.02	0.00002	0.000006	0.00004	0.00001	0.0007	0.0002	0.002	0.0005	0.00004	0.00001	0.00008	0.00002
Metals	Lead	0.2	0.1	0.3	0.1	0.0003	0.0002	0.0004	0.0002	0.003	0.002	0.004	0.002	0.0003	0.0002	0.0004	0.0002
Metals	Manganese	2	0.6	4	**1**	0.0004	0.0002	0.0008	0.0003	0.04	0.01	0.09	0.03	0.0007	0.0003	0.002	0.0008
Metals	Mercury	0.003	0.0003	0.004	0.0004	0.000003	0.0000003	0.000005	0.0000005	0.00004	0.000004	0.00007	0.000007	0.000005	0.0000005	0.000009	0.0000009
Metals	Vanadium	0.3	0.1	0.3	0.1	0.00008	0.00004	0.00008	0.00004	0.005	0.002	0.005	0.002	0.003	0.001	0.003	0.001
OCPs	4,4'-DDE	2	0.5	5	0.9	0.002	0.0003	0.004	0.0007	0.009	0.002	0.02	0.004	0.00001	0.000001	0.00003	0.000003
OCPs	4,4'-DDT	0.2	0.04	0.4	0.08	0.0003	0.00007	0.0007	0.0001	0.002	0.0004	0.004	0.0009	0.000004	0.0000004	0.000009	0.0000009
OCPs	Calculated DDx (ND=0.5DL)	0.8	0.2	2	0.4	0.001	0.0003	0.003	0.0007	0.008	0.002	0.02	0.004	0.00002	0.000002	0.00004	0.000004
OCPs	beta-BHC	0.3	0.06	0.5	0.1	0.0006	0.0001	0.0009	0.0002	0.003	0.0007	0.005	0.001	0.000005	0.000001	0.000007	0.000002
OCPs	Hexachlorobenzene	0.4	0.04	0.5	0.05	0.0008	0.00008	0.001	0.0001	0.005	0.0005	0.007	0.0007	0.00002	0.000002	0.00002	0.000002
PCBs	Calculated Total PCBs (ND=0.5DL)	0.3	0.06	0.5	0.1	0.0007	0.0001	0.001	0.0002	0.004	0.0008	0.006	0.001	0.000002	0.0000009	0.000003	0.000001
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00003	0.000003	0.00004	0.000004
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	0.7	0.2	**1**	0.3	0.002	0.0004	0.002	0.0007	0.009	0.003	0.01	0.004	NA	NA	NA	NA
SVOCs	Octachlorostyrene	0.03	0.003	0.06	0.006	0.00005	0.000005	0.00009	0.000009	0.0008	0.00008	0.002	0.0002	0.00004	0.000004	0.00009	0.000009

TABLE 4-9b: Terrestrial Wildlife Food Web Model Average and UCL Hazard Quotient Summaries using NOAEL and LOAEL TRVs: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1)			
		Great Basin Pocket Mouse			
		AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.7	0.1	**1**	0.2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	0.8	0.2	**1**	0.4
Metals	Antimony	0.07	0.007	0.09	0.009
Metals	Boron	0.01	0.003	0.02	0.007
Metals	Lead	0.03	0.02	0.04	0.02
Metals	Manganese	0.7	0.2	2	0.6
Metals	Mercury	0.0005	0.00005	0.0009	0.00009
Metals	Vanadium	0.08	0.04	0.08	0.04
OCPs	4,4'-DDE	0.03	0.006	0.07	0.01
OCPs	4,4'-DDT	0.007	0.001	0.01	0.003
OCPs	Calculated DDx (ND=0.5DL)	0.03	0.006	0.07	0.01
OCPs	beta-BHC	0.01	0.002	0.02	0.003
OCPs	Hexachlorobenzene	0.01	0.001	0.02	0.002
PCBs	Calculated Total PCBs (ND=0.5DL)	0.01	0.003	0.02	0.004
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	0.03	0.009	0.05	0.01
SVOCs	Octachlorostyrene	0.009	0.0009	0.02	0.002

Group	Chemical	Realistic HQ (AUF = 1)			
		Great Basin Pocket Mouse			
		AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.7	0.1	**1**	0.2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	0.8	0.2	**1**	0.4
Metals	Antimony	0.07	0.007	0.09	0.009
Metals	Boron	0.01	0.003	0.02	0.007
Metals	Lead	0.03	0.02	0.04	0.02
Metals	Manganese	0.7	0.2	2	0.6
Metals	Mercury	0.0005	0.00005	0.0009	0.00009
Metals	Vanadium	0.08	0.04	0.08	0.04
OCPs	4,4'-DDE	0.03	0.006	0.07	0.01
OCPs	4,4'-DDT	0.007	0.001	0.01	0.003
OCPs	Calculated DDx (ND=0.5DL)	0.03	0.006	0.07	0.01
OCPs	beta-BHC	0.01	0.002	0.02	0.003
OCPs	Hexachlorobenzene	0.01	0.001	0.02	0.002
PCBs	Calculated Total PCBs (ND=0.5DL)	0.01	0.003	0.02	0.004
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	0.03	0.009	0.05	0.01
SVOCs	Octachlorostyrene	0.009	0.0009	0.02	0.002

TABLE 4-9c: Terrestrial Wildlife Food Web Model Average and UCL Hazard Quotient Summaries using NOAEL and LOAEL TRVs: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1) Cooper's Hawk				Conservative HQ (AUF = 1) Kit Fox				Conservative HQ (AUF = 1) Western Burrowing Owl				Conservative HQ (AUF = 1) American Robin			
		AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	0.009	0.004	0.02	0.008	0.01	0.002	0.02	0.004	0.03	0.02	0.06	0.03	0.3	0.1	0.4	0.2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.0002	0.00002	0.0006	0.00006	NA	NA	NA	NA	0.08	0.008	0.2	0.02	0.2	0.02	0.6	0.06
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	NA	NA	0.001	0.0003	0.003	0.0008	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	NC	NC	NC	NC	0.02	0.002	0.03	0.003	NC	NC	NC	NC	NC	NC	NC	NC
Metals	Boron	0.003	0.001	0.006	0.002	0.003	0.0008	0.004	0.001	0.007	0.002	0.01	0.003	0.02	0.005	0.03	0.008
Metals	Cadmium	0.007	0.001	0.01	0.002	0.009	0.0009	0.02	0.002	0.006	0.001	0.01	0.003	0.03	0.006	0.07	0.01
Metals	Lead	0.1	0.06	0.2	0.08	0.03	0.01	0.04	0.02	0.3	0.1	0.4	0.2	0.6	0.3	0.9	0.5
OCPs	4,4'-DDE	5	0.5	10	**1**	5	**1**	10	2	3	0.3	6	0.6	0.4	0.04	**1**	0.1
OCPs	4,4'-DDT	0.3	0.03	0.6	0.06	0.3	0.05	0.6	0.1	0.2	0.02	0.5	0.05	0.2	0.02	0.7	0.07
OCPs	Calculated DDx (ND=0.5DL)	0.6	0.06	2	0.2	0.6	0.1	2	0.4	0.5	0.05	2	0.2	0.5	0.05	2	0.2
OCPs	beta-BHC	0.1	0.02	0.2	0.05	0.08	0.02	0.2	0.03	0.07	0.02	0.1	0.04	0.07	0.02	0.2	0.05

Group	Chemical	Realistic HQ (AUF = 0.1) Cooper's Hawk				Realistic HQ (AUF = 0.018) Kit Fox				Realistic HQ (AUF = 0.18) Western Burrowing Owl				Realistic HQ (AUF = 1) American Robin			
		AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	0.0009	0.0004	0.002	0.0008	0.0002	0.00004	0.0004	0.00007	0.006	0.003	0.01	0.005	0.3	0.1	0.4	0.2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.00002	0.000002	0.00006	0.000006	NA	NA	NA	NA	0.01	0.001	0.04	0.004	0.2	0.02	0.6	0.06
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	NA	NA	0.00002	0.000005	0.00005	0.00001	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	NC	NC	NC	NC	0.0004	0.00004	0.0005	0.00005	NC	NC	NC	NC	NC	NC	NC	NC
Metals	Boron	0.0003	0.0001	0.0006	0.0002	0.00005	0.00001	0.00008	0.00002	0.001	0.0003	0.002	0.0006	0.02	0.005	0.03	0.008
Metals	Cadmium	0.0007	0.0001	0.001	0.0002	0.0002	0.00009	0.0003	0.0002	0.001	0.0002	0.003	0.0005	0.03	0.006	0.07	0.01
Metals	Lead	0.01	0.006	0.02	0.008	0.0005	0.0003	0.0007	0.0004	0.05	0.02	0.07	0.04	0.6	0.3	0.9	0.5
OCPs	4,4'-DDE	0.5	0.05	**1**	0.1	0.09	0.02	0.2	0.04	0.5	0.05	**1**	0.1	0.4	0.04	**1**	0.1
OCPs	4,4'-DDT	0.03	0.003	0.06	0.006	0.005	0.001	0.01	0.002	0.04	0.004	0.09	0.009	0.2	0.02	0.7	0.07
OCPs	Calculated DDx (ND=0.5DL)	0.06	0.006	0.2	0.02	0.01	0.002	0.04	0.008	0.08	0.008	0.3	0.03	0.5	0.05	2	0.2
OCPs	beta-BHC	0.01	0.002	0.02	0.005	0.001	0.0003	0.003	0.0006	0.01	0.003	0.03	0.007	0.07	0.02	0.2	0.05

Notes:

% = Percent
AUF = Area use factor
AVG = Average
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
HQ = Hazard quotient
LOAEL = Lowest observed adverse effect level
NA = Not applicable
NC = No criterion
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference values
UCL = 95% upper confidence level

0.1	HQ<1
1	HQ = 1
5	1< HQ <10
50	10 < HQ ≤ 100

TABLE 4-9c: Terrestrial Wildlife Food Web Model Average and UCL Hazard Quotient Summaries using NOAEL and LOAEL TRVs: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1) Desert Shrew				Conservative HQ (AUF = 1) Fringed Myotis				Conservative HQ (AUF = 1) Raccoon				Conservative HQ (AUF = 1) Mourning Dove			
		AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	0.2	0.03	0.3	0.06	0.2	0.03	0.3	0.06	0.1	0.02	0.2	0.03	0.04	0.02	0.05	0.03
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005	0.0005	0.01	0.001
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	0.2	0.04	0.4	0.1	0.2	0.04	0.4	0.1	0.03	0.007	0.07	0.02	NA	NA	NA	NA
Metals	Antimony	**1**	0.1	2	0.2	**1**	0.1	2	0.2	0.2	0.02	0.3	0.03	NC	NC	NC	NC
Metals	Boron	0.02	0.006	0.04	0.01	0.007	0.002	0.01	0.004	0.005	0.002	0.009	0.003	0.003	0.0008	0.005	0.001
Metals	Cadmium	0.02	0.002	0.07	0.007	0.01	0.001	0.02	0.002	0.01	0.001	0.03	0.003	0.006	0.001	0.01	0.002
Metals	Lead	0.2	0.1	0.4	0.2	0.2	0.09	0.3	0.1	0.04	0.02	0.07	0.04	0.04	0.02	0.06	0.03
OCPs	4,4'-DDE	2	0.4	5	**1**	0.7	0.1	3	0.5	0.09	0.02	0.3	0.06	0.001	0.0001	0.005	0.0005
OCPs	4,4'-DDT	0.4	0.08	**1**	0.2	0.4	0.08	**1**	0.2	0.05	0.01	0.1	0.03	0.001	0.0001	0.003	0.0003
OCPs	Calculated DDx (ND=0.5DL)	0.9	0.2	3	0.6	0.8	0.2	3	0.6	0.1	0.02	0.4	0.07	0.002	0.0002	0.007	0.0007
OCPs	beta-BHC	0.1	0.02	0.3	0.06	0.1	0.02	0.3	0.06	0.01	0.003	0.04	0.007	0.0002	0.00005	0.0005	0.0001

Group	Chemical	Realistic HQ (AUF = 1) Desert Shrew				Realistic HQ (AUF = 0.0007) Fringed Myotis				Realistic HQ (AUF = 0.033) Raccoon				Realistic HQ (AUF = 0.0033) Mourning Dove			
		AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	0.2	0.03	0.3	0.06	0.0001	0.00002	0.0002	0.00004	0.003	0.0007	0.005	0.001	0.0001	0.00006	0.0002	0.00009
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00002	0.000002	0.00004	0.000004
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	0.2	0.04	0.4	0.1	0.0001	0.00003	0.0003	0.00008	0.0008	0.0002	0.002	0.0006	NA	NA	NA	NA
Metals	Antimony	**1**	0.1	2	0.2	0.0009	0.00009	0.001	0.0001	0.007	0.0007	0.01	0.001	NC	NC	NC	NC
Metals	Boron	0.02	0.006	0.04	0.01	0.000005	0.000001	0.000008	0.000003	0.0002	0.00005	0.0003	0.00009	0.000009	0.000003	0.00002	0.000004
Metals	Cadmium	0.02	0.002	0.07	0.007	0.000007	0.0000007	0.00002	0.000002	0.0005	0.00005	0.001	0.0001	0.00002	0.000004	0.00004	0.000007
Metals	Lead	0.2	0.1	0.4	0.2	0.0001	0.00007	0.0002	0.0001	0.001	0.0008	0.002	0.001	0.0001	0.00007	0.0002	0.0001
OCPs	4,4'-DDE	2	0.4	5	**1**	0.0005	0.0001	0.002	0.0004	0.003	0.0006	0.01	0.002	0.000004	0.0000004	0.00002	0.000002
OCPs	4,4'-DDT	0.4	0.08	**1**	0.2	0.0003	0.00005	0.0008	0.0002	0.002	0.0003	0.005	0.0009	0.000003	0.0000003	0.00001	0.000001
OCPs	Calculated DDx (ND=0.5DL)	0.9	0.2	3	0.6	0.0006	0.0001	0.002	0.0004	0.004	0.0007	0.01	0.002	0.000007	0.0000007	0.00002	0.000002
OCPs	beta-BHC	0.1	0.02	0.3	0.06	0.00008	0.00002	0.0002	0.00004	0.0004	0.00009	0.001	0.0002	0.0000006	0.0000002	0.000002	0.0000004

TABLE 4-9c: Terrestrial Wildlife Food Web Model Average and UCL Hazard Quotient Summaries using NOAEL and LOAEL TRVs: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1)			
		Great Basin Pocket Mouse			
		AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.1	0.02	0.2	0.03
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	0.01	0.004	0.04	0.01
Metals	Antimony	0.1	0.01	0.2	0.02
Metals	Boron	0.007	0.002	0.01	0.003
Metals	Cadmium	0.02	0.002	0.04	0.004
Metals	Lead	0.04	0.02	0.06	0.03
OCPs	4,4'-DDE	0.02	0.005	0.08	0.02
OCPs	4,4'-DDT	0.01	0.003	0.04	0.008
OCPs	Calculated DDx (ND=0.5DL)	0.03	0.006	0.1	0.02
OCPs	beta-BHC	0.003	0.0007	0.009	0.002

Group	Chemical	Realistic HQ (AUF = 1)			
		Great Basin Pocket Mouse			
		AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.1	0.02	0.2	0.03
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	0.01	0.004	0.04	0.01
Metals	Antimony	0.1	0.01	0.2	0.02
Metals	Boron	0.007	0.002	0.01	0.003
Metals	Cadmium	0.02	0.002	0.04	0.004
Metals	Lead	0.04	0.02	0.06	0.03
OCPs	4,4'-DDE	0.02	0.005	0.08	0.02
OCPs	4,4'-DDT	0.01	0.003	0.04	0.008
OCPs	Calculated DDx (ND=0.5DL)	0.03	0.006	0.1	0.02
OCPs	beta-BHC	0.003	0.0007	0.009	0.002

TABLE 4-9d: Terrestrial Wildlife Food Web Model Average and UCL Hazard Quotient Summaries using NOAEL and LOAEL TRVs: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1) Cooper's Hawk				Conservative HQ (AUF = 1) Kit Fox				Conservative HQ (AUF = 1) Western Burrowing Owl				Conservative HQ (AUF = 1) American Robin			
		AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	0.7	0.4	**1**	0.6	**1**	0.2	2	0.3	3	**1**	4	2	9	5	10	7
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.004	0.0004	0.009	0.0009	NA	NA	NA	NA	**1**	0.1	3	0.3	4	0.4	9	0.9
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	NA	NA	0.02	0.006	0.06	0.02	NA	NA	NA	NA	NA	NA	NA	NA
OCPs	4,4'-DDE	3	0.3	5	0.5	3	0.5	4	0.8	**1**	0.1	2	0.2	0.1	0.01	0.3	0.03
OCPs	4,4'-DDT	0.2	0.02	0.3	0.03	0.2	0.03	0.3	0.05	0.1	0.01	0.2	0.02	0.1	0.01	0.2	0.02
OCPs	Calculated DDx (ND=0.5DL)	0.2	0.02	0.5	0.05	0.2	0.04	0.5	0.1	0.2	0.02	0.4	0.04	0.2	0.02	0.4	0.04
OCPs	beta-BHC	0.09	0.02	0.2	0.04	0.07	0.01	0.1	0.03	0.06	0.01	0.1	0.03	0.06	0.02	0.1	0.03
OCPs	Hexachlorobenzene	0.03	0.003	0.04	0.004	0.002	0.0002	0.004	0.0004	0.8	0.08	**1**	0.1	2	0.2	4	0.4
SVOCs	Octachlorostyrene	0.002	0.0002	0.003	0.0003	0.0009	0.00009	0.002	0.0002	0.002	0.0002	0.003	0.0003	0.006	0.0006	0.01	0.001

Group	Chemical	Realistic HQ (AUF = 0.017) Cooper's Hawk				Realistic HQ (AUF = 0.0031) Kit Fox				Realistic HQ (AUF = 0.03) Western Burrowing Owl				Realistic HQ (AUF = 1) American Robin			
		AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	0.01	0.006	0.02	0.01	0.003	0.0006	0.005	0.0009	0.08	0.04	0.1	0.07	9	5	10	7
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.00006	0.000006	0.0002	0.00002	NA	NA	NA	NA	**0.04**	0.004	0.1	0.01	4	0.4	9	0.9
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	NA	NA	0.00007	0.00002	0.0002	0.00005	NA	NA	NA	NA	NA	NA	NA	NA
OCPs	4,4'-DDE	0.05	0.005	0.08	0.008	0.008	0.002	0.01	0.003	**0.04**	0.004	0.06	0.006	0.1	0.01	0.3	0.03
OCPs	4,4'-DDT	0.003	0.0003	0.005	0.0005	0.0005	0.0001	0.0008	0.0002	0.003	0.0003	0.006	0.0006	0.1	0.01	0.2	0.02
OCPs	Calculated DDx (ND=0.5DL)	0.004	0.0004	0.009	0.0009	0.0007	0.0001	0.002	0.0003	0.005	0.0005	0.01	0.001	0.2	0.02	0.4	0.04
OCPs	beta-BHC	0.001	0.0004	0.003	0.0007	0.0002	0.00004	0.0004	0.00008	0.002	0.0004	0.004	0.0009	0.06	0.02	0.1	0.03
OCPs	Hexachlorobenzene	0.0005	0.00005	0.0007	0.00007	0.000007	0.0000007	0.00001	0.000001	0.02	0.002	**0.04**	0.004	2	0.2	4	0.4
SVOCs	Octachlorostyrene	0.00003	0.000003	0.00005	0.000005	0.000003	0.0000003	0.000005	0.0000005	0.00005	0.000005	0.0001	0.00001	0.006	0.0006	0.01	0.001

Notes:

% = Percent
AUF = Area use factor
AVG = Average
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
HQ = Hazard quotient
LOAEL = Lowest observed adverse effect level
NA = Not applicable
NC = No criterion
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference values
UCL = 95% upper confidence level

0.1	HQ<1
1	HQ = 1
5	1< HQ <10
50	10 < HQ ≤ 100

TABLE 4-9d: Terrestrial Wildlife Food Web Model Average and UCL Hazard Quotient Summaries using NOAEL and LOAEL TRVs: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1) Desert Shrew				Conservative HQ (AUF = 1) Fringed Myotis				Conservative HQ (AUF = 1) Raccoon				Conservative HQ (AUF = 1) Mourning Dove			
		AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	10	3	20	4	10	3	20	5	3	0.6	5	0.9	0.6	0.3	0.8	0.4
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.08	0.008	0.2	0.02
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	3	0.9	8	2	3	0.9	8	2	0.5	0.1	**1**	0.4	NA	NA	NA	NA
OCPs	4,4'-DDE	**1**	0.2	2	0.3	0.2	0.05	0.5	0.1	0.03	0.006	0.06	0.01	0.0005	0.00005	0.001	0.0001
OCPs	4,4'-DDT	0.2	0.04	0.4	0.08	0.2	0.04	0.4	0.08	0.02	0.005	0.05	0.01	0.0005	0.00005	0.001	0.0001
OCPs	Calculated DDx (ND=0.5DL)	0.3	0.07	0.7	0.1	0.3	0.06	0.7	0.1	0.04	0.008	0.09	0.02	0.001	0.0001	0.002	0.0002
OCPs	beta-BHC	0.1	0.02	0.2	0.04	0.09	0.02	0.2	0.04	0.01	0.002	0.03	0.005	0.0002	0.00004	0.0004	0.00009
OCPs	Hexachlorobenzene	0.3	0.03	0.5	0.05	0.4	0.04	0.6	0.06	0.04	0.004	0.07	0.007	0.001	0.0001	0.002	0.0002
SVOCs	Octachlorostyrene	0.003	0.0003	0.006	0.0006	0.003	0.0003	0.006	0.0006	0.001	0.0001	0.002	0.0002	0.0006	0.00006	0.001	0.0001

Group	Chemical	Realistic HQ (AUF = 1) Desert Shrew				Realistic HQ (AUF = 0.00012) Fringed Myotis				Realistic HQ (AUF = 0.0055) Raccoon				Realistic HQ (AUF = 0.00055) Mourning Dove			
		AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	10	3	20	4	0.002	0.0004	0.003	0.0006	0.02	0.003	0.03	0.005	0.0003	0.0002	0.0004	0.0002
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00005	0.000005	0.0001	0.00001
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	3	0.9	8	2	0.0004	0.0001	0.001	0.0003	0.003	0.0008	0.007	0.002	NA	NA	NA	NA
OCPs	4,4'-DDE	**1**	0.2	2	0.3	0.00003	0.000006	0.00006	0.00001	0.0002	0.00003	0.0004	0.00007	0.0000003	0.00000003	0.0000005	0.00000005
OCPs	4,4'-DDT	0.2	0.04	0.4	0.08	0.00002	0.000005	0.00005	0.000009	0.0001	0.00003	0.0003	0.00005	0.0000003	0.00000003	0.0000006	0.00000006
OCPs	Calculated DDx (ND=0.5DL)	0.3	0.07	0.7	0.1	0.00004	0.000007	0.00008	0.00002	0.0002	0.00004	0.0005	0.0001	0.0000005	0.00000005	0.000001	0.0000001
OCPs	beta-BHC	0.1	0.02	0.2	0.04	0.00001	0.000002	0.00003	0.000005	0.00006	0.00001	0.0001	0.00003	0.00000009	0.00000002	0.0000002	0.00000005
OCPs	Hexachlorobenzene	0.3	0.03	0.5	0.05	0.00004	0.000004	0.00007	0.000007	0.0002	0.00002	0.0004	0.00004	0.0000008	0.00000008	0.000001	0.0000001
SVOCs	Octachlorostyrene	0.003	0.0003	0.006	0.0006	0.0000004	0.00000004	0.0000007	0.00000007	0.000005	0.0000005	0.00001	0.000001	0.0000003	0.00000003	0.0000006	0.00000006

TABLE 4-9d: Terrestrial Wildlife Food Web Model Average and UCL Hazard Quotient Summaries using NOAEL and LOAEL TRVs: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1)			
		Great Basin Pocket Mouse			
		AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	2	0.5	3	0.6
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	0.3	0.08	0.7	0.2
OCPs	4,4'-DDE	0.008	0.002	0.02	0.003
OCPs	4,4'-DDT	0.007	0.001	0.01	0.003
OCPs	Calculated DDx (ND=0.5DL)	0.01	0.002	0.02	0.005
OCPs	beta-BHC	0.003	0.0006	0.007	0.001
OCPs	Hexachlorobenzene	0.01	0.001	0.02	0.002
SVOCs	Octachlorostyrene	0.001	0.0001	0.002	0.0002

Group	Chemical	Realistic HQ (AUF = 1)			
		Great Basin Pocket Mouse			
		AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	2	0.5	3	0.6
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	0.3	0.08	0.7	0.2
OCPs	4,4'-DDE	0.008	0.002	0.02	0.003
OCPs	4,4'-DDT	0.007	0.001	0.01	0.003
OCPs	Calculated DDx (ND=0.5DL)	0.01	0.002	0.02	0.005
OCPs	beta-BHC	0.003	0.0006	0.007	0.001
OCPs	Hexachlorobenzene	0.01	0.001	0.02	0.002
SVOCs	Octachlorostyrene	0.001	0.0001	0.002	0.0002

TABLE 4-9e: Terrestrial Wildlife Food Web Model Average and UCL Hazard Quotient Summaries using NOAEL and LOAEL TRVs: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1)				Conservative HQ (AUF = 1)				Conservative HQ (AUF = 1)				Conservative HQ (AUF = 1)			
		Cooper's Hawk				Kit Fox				Western Burrowing Owl				American Robin			
		AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.007	0.003	0.009	0.005	0.009	0.002	0.01	0.002	0.03	0.01	0.03	0.02	0.2	0.1	0.3	0.1
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.0005	0.00005	0.001	0.0001	NA	NA	NA	NA	0.2	0.02	0.4	0.04	0.5	0.05	**1**	0.1
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	NA	NA	0.003	0.0008	0.008	0.002	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Boron	0.002	0.0007	0.004	0.001	0.002	0.0006	0.003	0.0009	0.005	0.001	0.007	0.002	0.01	0.003	0.02	0.005
OCPs	beta-BHC	0.04	0.009	0.05	0.01	0.03	0.006	0.04	0.009	0.02	0.006	0.03	0.009	0.02	0.005	0.03	0.008
Group	Chemical	Realistic HQ (AUF = 0.017)				Realistic HQ (AUF = 0.0031)				Realistic HQ (AUF = 0.031)				Realistic HQ (AUF = 1)			
		Cooper's Hawk				Kit Fox				Western Burrowing Owl				American Robin			
		AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL	AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.0001	0.00006	0.0002	0.00008	0.00003	0.000005	0.00004	0.000007	0.0008	0.0004	0.001	0.0005	0.2	0.1	0.3	0.1
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.000008	0.0000008	0.00002	0.000002	NA	NA	NA	NA	0.005	0.0005	0.01	0.001	0.5	0.05	**1**	0.1
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	NA	NA	0.000009	0.000002	0.00003	0.000007	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Boron	0.00004	0.00001	0.00006	0.00002	0.000006	0.000002	0.000009	0.000003	0.0001	0.00004	0.0002	0.00006	0.01	0.003	0.02	0.005
OCPs	beta-BHC	0.0006	0.0002	0.0009	0.0002	0.0001	0.00002	0.0001	0.00003	0.0007	0.0002	0.001	0.0003	0.02	0.005	0.03	0.008

Notes:

% = Percent
AUF = Area use factor
AVG = Average
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
HQ = Hazard quotient
LOAEL = Lowest observed adverse effect level
NA = Not applicable
NC = No criterion
ND = Nondetects
NOAEL = No observed adverse effect level
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference values
UCL = 95% upper confidence level

0.1	HQ<1
1	HQ = 1

TABLE 4-9e: Terrestrial Wildlife Food Web Model Average and UCL Hazard Quotient Summaries using NOAEL and LOAEL TRVs: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1)				Conservative HQ (AUF = 1)				Conservative HQ (AUF = 1)				Conservative HQ (AUF = 1)			
		Desert Shrew				Fringed Myotis				Raccoon				Mourning Dove			
		AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	0.1	0.03	0.2	0.03	0.1	0.03	0.2	0.04	0.09	0.02	0.1	0.02	0.03	0.02	0.04	0.02
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01	0.001	0.02	0.002
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	0.4	0.1	**1**	0.3	0.4	0.1	**1**	0.3	0.07	0.02	0.2	0.05	NA	NA	NA	NA
Metals	Boron	0.01	0.004	0.02	0.007	0.005	0.001	0.008	0.002	0.004	0.001	0.006	0.002	0.002	0.0006	0.003	0.0009
OCPs	beta-BHC	0.03	0.007	0.05	0.01	0.03	0.006	0.05	0.01	0.004	0.0007	0.006	0.001	0.00005	0.00001	0.00008	0.00002

Group	Chemical	Realistic HQ (AUF = 1)				Realistic HQ (AUF = 0.00012)				Realistic HQ (AUF = 0.0055)				Realistic HQ (AUF = 0.00056)			
		Desert Shrew				Fringed Myotis				Raccoon				Mourning Dove			
		AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ	AVG/ NOAEL HQ	AVG/ LOAEL HQ	UCL/ NOAEL HQ	UCL/ LOAEL HQ
Chlorine Oxyanions	Perchlorate	0.1	0.03	0.2	0.03	0.00002	0.000003	0.00002	0.000004	0.0005	0.00009	0.0006	0.0001	0.00002	0.000009	0.00002	0.00001
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.000006	0.0000006	0.00001	0.000001
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	0.4	0.1	**1**	0.3	0.00005	0.00001	0.0001	0.00004	0.0004	0.0001	0.001	0.0003	NA	NA	NA	NA
Metals	Boron	0.01	0.004	0.02	0.007	0.0000006	0.0000002	0.0000009	0.0000003	0.00002	0.000006	0.00003	0.00001	0.000001	0.0000003	0.000002	0.0000005
OCPs	beta-BHC	0.03	0.007	0.05	0.01	0.000003	0.0000007	0.000006	0.000001	0.00002	0.000004	0.00003	0.000007	0.00000003	0.000000007	0.00000005	0.00000001

TABLE 4-9e: Terrestrial Wildlife Food Web Model Average and UCL Hazard Quotient Summaries using NOAEL and LOAEL TRVs: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1)			
		Great Basin Pocket Mouse			
		AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.1	0.02	0.1	0.02
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	0.04	0.01	0.1	0.03
Metals	Boron	0.005	0.001	0.008	0.002
OCPs	beta-BHC	0.0009	0.0002	0.002	0.0003

Group	Chemical	Realistic HQ (AUF = 1)			
		Great Basin Pocket Mouse			
		AVG/ NOAEL	AVG/ LOAEL	UCL/ NOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.1	0.02	0.1	0.02
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	0.04	0.01	0.1	0.03
Metals	Boron	0.005	0.001	0.008	0.002
OCPs	beta-BHC	0.0009	0.0002	0.002	0.0003

TABLE 4-10a: Terrestrial Wildlife Food Web Model UCL Hazard Quotient Summaries using LOAEL TRVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1)								
		Coopers Hawk	Kit Fox	Western Burrowing Owl	Amercian Robin	Desert Shrew	Fringed Myotis	Raccoon	Mourning Dove	Great Basin Pocket Mouse
		UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.2	0.08	0.6	2	**1**	**1**	0.3	0.2	0.2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.001	NA	0.5	**1**	NA	NA	NA	0.03	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	0.03	NA	NA	4	4	0.6	NA	0.3
Metals	Antimony	NC	0.001	NC	NC	0.09	0.08	0.01	NC	0.009
Metals	Boron	0.003	0.002	0.005	0.01	0.02	0.006	0.004	0.002	0.006
Metals	Lead	0.06	0.02	0.1	0.3	0.1	0.1	0.03	0.02	0.02
Metals	Manganese	0.02	0.09	0.1	0.4	**1**	0.2	0.4	0.09	0.6
Metals	Mercury	0.0000003	0.000006	0.0003	0.0008	0.0003	0.0002	0.00007	0.00008	0.00007
Metals	Vanadium	0.04	0.006	0.4	0.7	0.1	0.02	0.03	0.2	0.04
OCPs	4,4'-DDE	**1**	2	0.5	0.1	0.8	0.3	0.04	0.0003	0.01
OCPs	4,4'-DDT	0.03	0.05	0.02	0.02	0.08	0.08	0.01	0.0001	0.003
OCPs	Calculated DDx (ND=0.5DL)	0.1	0.2	0.08	0.09	0.3	0.3	0.04	0.0004	0.01
OCPs	beta-BHC	0.06	0.04	0.05	0.07	0.08	0.08	0.01	0.0002	0.003
OCPs	Hexachlorobenzene	0.004	0.0004	0.1	0.4	0.04	0.05	0.007	0.0002	0.002
PCBs	Calculated Total PCBs (ND=0.5DL)	0.000005	0.0001	0.01	0.04	0.1	0.1	0.01	0.0002	0.004
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	0.00002	NA	0.04	0.1	NA	NA	NA	0.0005	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	NA	0.0004	NA	NA	0.3	0.3	0.04	NA	0.01
SVOCs	Octachlorostyrene	0.002	0.001	0.003	0.008	0.005	0.004	0.001	0.0008	0.001

Group	Chemical	Realistic HQ (AUF ≤ 1)								
		Coopers Hawk	Kit Fox	Western Burrowing Owl	Amercian Robin	Desert Shrew	Fringed Myotis	Raccoon	Mourning Dove	Great Basin Pocket Mouse
		AUF = 0.52	AUF = 0.094	AUF = 0.93	AUF = 1	AUF = 1	AUF = 0.0035	AUF = 0.17	AUF = 0.017	AUF = 1
		UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.08	0.007	0.5	2	**1**	0.004	0.05	0.003	0.2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.0007	NA	0.4	**1**	NA	NA	NA	0.0005	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	0.002	NA	NA	4	0.01	0.1	NA	0.3
Metals	Antimony	NC	0.0001	NC	NC	0.09	0.0003	0.002	NC	0.009
Metals	Boron	0.001	0.0002	0.005	0.01	0.02	0.00002	0.0008	0.00004	0.006
Metals	Lead	0.03	0.001	0.1	0.3	0.1	0.0004	0.004	0.0004	0.02
Metals	Manganese	0.01	0.008	0.1	0.4	**1**	0.0005	0.06	0.002	0.6
Metals	Mercury	0.0000001	0.0000006	0.0003	0.0008	0.0003	0.0000007	0.00001	0.000001	0.00007
Metals	Vanadium	0.02	0.0006	0.3	0.7	0.1	0.00008	0.005	0.003	0.04
OCPs	4,4'-DDE	0.5	0.2	0.4	0.1	0.8	0.001	0.007	0.000006	0.01
OCPs	4,4'-DDT	0.02	0.005	0.02	0.02	0.08	0.0003	0.002	0.000002	0.003
OCPs	Calculated DDx (ND=0.5DL)	0.06	0.02	0.08	0.09	0.3	0.001	0.007	0.000007	0.01
OCPs	beta-BHC	0.03	0.004	0.05	0.07	0.08	0.0003	0.002	0.000003	0.003
OCPs	Hexachlorobenzene	0.002	0.00003	0.1	0.4	0.04	0.0002	0.001	0.000004	0.002
PCBs	Calculated Total PCBs (ND=0.5DL)	0.000003	0.00001	0.01	0.04	0.1	0.0004	0.002	0.000003	0.004
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	0.000008	NA	0.04	0.1	NA	NA	NA	0.000008	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	NA	0.00004	NA	NA	0.3	0.001	0.007	NA	0.01
SVOCs	Octachlorostyrene	0.001	0.0001	0.002	0.008	0.005	0.00001	0.0002	0.00001	0.001

TABLE 4-10a: Terrestrial Wildlife Food Web Model UCL Hazard Quotient Summaries using LOAEL TRVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
HQ = Hazard quotient
LOAEL = Lowest observed apparent effects level
NA = Not applicable
NC = No criterion
ND = Nondetects
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference values
UCL = 95% upper confidence level

0.1	HQ<1
1	HQ = 1
5	1< HQ <10

TABLE 4-10b: Terrestrial Wildlife Food Web Model UCL Hazard Quotient Summaries using LOAEL TRVs: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1)								
		Coopers Hawk	Kit Fox	Western Burrowing Owl	Amercian Robin	Desert Shrew	Fringed Myotis	Raccoon	Mourning Dove	Great Basin Pocket Mouse
		UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.1	0.08	0.6	2	**1**	**1**	0.3	0.2	0.2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.002	NA	0.6	2	NA	NA	NA	0.04	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	0.03	NA	NA	5	5	0.7	NA	0.4
Metals	Antimony	NC	0.001	NC	NC	0.08	0.08	0.01	NC	0.009
Metals	Boron	0.003	0.003	0.006	0.02	0.02	0.007	0.005	0.003	0.007
Metals	Lead	0.07	0.02	0.1	0.3	0.1	0.1	0.03	0.02	0.02
Metals	Manganese	0.02	0.09	0.1	0.4	**1**	0.2	0.4	0.09	0.6
Metals	Mercury	0.0000004	0.000008	0.0004	0.001	0.0004	0.0003	0.00009	0.0001	0.00009
Metals	Vanadium	0.04	0.006	0.4	0.7	0.1	0.02	0.03	0.2	0.04
OCPs	4,4'-DDE	**1**	2	0.5	0.1	0.9	0.4	0.05	0.0004	0.01
OCPs	4,4'-DDT	0.03	0.05	0.02	0.02	0.08	0.08	0.01	0.0001	0.003
OCPs	Calculated DDx (ND=0.5DL)	0.1	0.3	0.1	0.1	0.4	0.4	0.05	0.0005	0.01
OCPs	beta-BHC	0.07	0.05	0.06	0.08	0.1	0.1	0.01	0.0002	0.003
OCPs	Hexachlorobenzene	0.005	0.0004	0.2	0.4	0.05	0.07	0.008	0.0003	0.002
PCBs	Calculated Total PCBs (ND=0.5DL)	0.000006	0.0001	0.02	0.04	0.1	0.1	0.01	0.0002	0.004
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	0.00002	NA	0.05	0.1	NA	NA	NA	0.0005	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	NA	0.0004	NA	NA	0.3	0.4	0.05	NA	0.01
SVOCs	Octachlorostyrene	0.003	0.002	0.003	0.01	0.006	0.005	0.002	0.001	0.002

Group	Chemical	Realistic HQ (AUF ≤ 1)								
		Coopers Hawk	Kit Fox	Western Burrowing Owl	Amercian Robin	Desert Shrew	Fringed Myotis	Raccoon	Mourning Dove	Great Basin Pocket Mouse
		AUF = 0.26	AUF = 0.048	AUF = 0.48	AUF = 1	AUF = 1	AUF = 0.0018	AUF = 0.085	AUF = 0.0086	AUF = 1
		UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.04	0.004	0.3	2	**1**	0.002	0.02	0.001	0.2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.0004	NA	0.3	2	NA	NA	NA	0.0003	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	0.002	NA	NA	5	0.008	0.06	NA	0.4
Metals	Antimony	NC	0.00006	NC	NC	0.08	0.0001	0.001	NC	0.009
Metals	Boron	0.0009	0.0001	0.003	0.02	0.02	0.00001	0.0005	0.00002	0.007
Metals	Lead	0.02	0.0008	0.07	0.3	0.1	0.0002	0.002	0.0002	0.02
Metals	Manganese	0.006	0.004	0.06	0.4	**1**	0.0003	0.03	0.0008	0.6
Metals	Mercury	0.0000001	0.0000004	0.0002	0.001	0.0004	0.0000005	0.000007	0.0000009	0.00009
Metals	Vanadium	0.01	0.0003	0.2	0.7	0.1	0.00004	0.002	0.001	0.04
OCPs	4,4'-DDE	0.3	0.1	0.2	0.1	0.9	0.0007	0.004	0.000003	0.01
OCPs	4,4'-DDT	0.008	0.003	0.01	0.02	0.08	0.0001	0.0009	0.0000009	0.003
OCPs	Calculated DDx (ND=0.5DL)	0.04	0.01	0.05	0.1	0.4	0.0007	0.004	0.000004	0.01
OCPs	beta-BHC	0.02	0.002	0.03	0.08	0.1	0.0002	0.001	0.000002	0.003
OCPs	Hexachlorobenzene	0.001	0.00002	0.07	0.4	0.05	0.0001	0.0007	0.000002	0.002
PCBs	Calculated Total PCBs (ND=0.5DL)	0.000001	0.000006	0.007	0.04	0.1	0.0002	0.001	0.000001	0.004
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	0.000004	NA	0.02	0.1	NA	NA	NA	0.000004	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	NA	0.00002	NA	NA	0.3	0.0007	0.004	NA	0.01
SVOCs	Octachlorostyrene	0.0007	0.00008	0.002	0.01	0.006	0.000009	0.0002	0.000009	0.002

TABLE 4-10b: Terrestrial Wildlife Food Web Model UCL Hazard Quotient Summaries using LOAEL TRVs: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
HQ = Hazard quotient
LOAEL = Lowest observed apparent effects level
NA = Not applicable
NC = No criterion
ND = Nondetects
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference values
UCL = 95% upper confidence level

0.1	HQ<1
1	HQ = 1
5	1< HQ <10

TABLE 4-10c: Terrestrial Wildlife Food Web Model UCL Hazard Quotient Summaries using LOAEL TRVs: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1)								
		Coopers Hawk	Kit Fox	Western Burrowing Owl	Amercian Robin	Desert Shrew	Fringed Myotis	Raccoon	Mourning Dove	Great Basin Pocket Mouse
		UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.008	0.004	0.03	0.2	0.06	0.06	0.03	0.03	0.03
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.00006	NA	0.02	0.06	NA	NA	NA	0.001	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	0.0008	NA	NA	0.1	0.1	0.02	NA	0.01
Metals	Antimony	NC	0.003	NC	NC	0.2	0.2	0.03	NC	0.02
Metals	Boron	0.002	0.001	0.003	0.008	0.01	0.004	0.003	0.001	0.003
Metals	Cadmium	0.002	0.002	0.003	0.01	0.007	0.002	0.003	0.002	0.004
Metals	Lead	0.08	0.02	0.2	0.5	0.2	0.1	0.04	0.03	0.03
OCPs	4,4'-DDE	**1**	2	0.6	0.1	**1**	0.5	0.06	0.0005	0.02
OCPs	4,4'-DDT	0.06	0.1	0.05	0.07	0.2	0.2	0.03	0.0003	0.008
OCPs	Calculated DDx (ND=0.5DL)	0.2	0.4	0.2	0.2	0.6	0.6	0.07	0.0007	0.02
OCPs	beta-BHC	0.05	0.03	0.04	0.05	0.06	0.06	0.007	0.0001	0.002

Group	Chemical	Realistic HQ (AUF ≤ 1)								
		Coopers Hawk	Kit Fox	Western Burrowing Owl	Amercian Robin	Desert Shrew	Fringed Myotis	Raccoon	Mourning Dove	Great Basin Pocket Mouse
		AUF = 0.1	AUF = 0.018	AUF = 0.18	AUF = 1	AUF = 1	AUF = 0.0007	AUF = 0.033	AUF = 0.0033	AUF = 1
		UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.0008	0.00007	0.005	0.2	0.06	0.00004	0.001	0.00009	0.03
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.000006	NA	0.004	0.06	NA	NA	NA	0.000004	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	0.00001	NA	NA	0.1	0.00008	0.0006	NA	0.01
Metals	Antimony	NC	0.00005	NC	NC	0.2	0.0001	0.001	NC	0.02
Metals	Boron	0.0002	0.00002	0.0006	0.008	0.01	0.000003	0.00009	0.000004	0.003
Metals	Cadmium	0.0002	0.0002	0.0005	0.01	0.007	0.000002	0.0001	0.000007	0.004
Metals	Lead	0.008	0.0004	0.04	0.5	0.2	0.0001	0.001	0.0001	0.03
OCPs	4,4'-DDE	0.1	0.04	0.1	0.1	**1**	0.0004	0.002	0.000002	0.02
OCPs	4,4'-DDT	0.006	0.002	0.009	0.07	0.2	0.0002	0.0009	0.000001	0.008
OCPs	Calculated DDx (ND=0.5DL)	0.02	0.008	0.03	0.2	0.6	0.0004	0.002	0.000002	0.02
OCPs	beta-BHC	0.005	0.0006	0.007	0.05	0.06	0.00004	0.0002	0.0000004	0.002

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
HQ = Hazard quotient
LOAEL = Lowest observed apparent effects level
NA = Not applicable
NC = No criterion
ND = Nondetects
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference values
UCL = 95% upper confidence level

0.1	HQ<1
1	HQ = 1
5	1< HQ <10

TABLE 4-10d: Terrestrial Wildlife Food Web Model UCL Hazard Quotient Summaries using LOAEL TRVs: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1)								
		Coopers Hawk	Kit Fox	Western Burrowing Owl	Amercian Robin	Desert Shrew	Fringed Myotis	Raccoon	Mourning Dove	Great Basin Pocket Mouse
		UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.6	0.3	2	7	4	5	0.9	0.4	0.6
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.0009	NA	0.3	0.9	NA	NA	NA	0.02	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	0.02	NA	NA	2	2	0.4	NA	0.2
OCPs	4,4'-DDE	0.5	0.8	0.2	0.03	0.3	0.1	0.01	0.0001	0.003
OCPs	4,4'-DDT	0.03	0.05	0.02	0.02	0.08	0.08	0.01	0.0001	0.003
OCPs	Calculated DDx (ND=0.5DL)	0.05	0.1	0.04	0.04	0.1	0.1	0.02	0.0002	0.005
OCPs	beta-BHC	0.04	0.03	0.03	0.03	0.04	0.04	0.005	0.00009	0.001
OCPs	Hexachlorobenzene	0.004	0.0004	0.1	0.4	0.05	0.06	0.007	0.0002	0.002
SVOCs	Octachlorostyrene	0.0003	0.0002	0.0003	0.001	0.0006	0.0006	0.0002	0.0001	0.0002
Group	Chemical	Realistic HQ (AUF ≤ 1)								
		Coopers Hawk	Kit Fox	Western Burrowing Owl	Amercian Robin	Desert Shrew	Fringed Myotis	Raccoon	Mourning Dove	Great Basin Pocket Mouse
		AUF = 0.017	AUF = 0.0031	AUF = 0.03	AUF = 1	AUF = 1	AUF = 0.00012	AUF = 0.0055	AUF = 0.00055	AUF = 1
		UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.01	0.0009	0.07	7	4	0.0006	0.005	0.0002	0.6
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.00002	NA	0.01	0.9	NA	NA	NA	0.00001	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	0.00005	NA	NA	2	0.0003	0.002	NA	0.2
OCPs	4,4'-DDE	0.008	0.003	0.006	0.03	0.3	0.00001	0.00007	0.00000005	0.003
OCPs	4,4'-DDT	0.0005	0.0002	0.0006	0.02	0.08	0.000009	0.00005	0.00000006	0.003
OCPs	Calculated DDx (ND=0.5DL)	0.0009	0.0003	0.001	0.04	0.1	0.00002	0.0001	0.0000001	0.005
OCPs	beta-BHC	0.0007	0.00008	0.0009	0.03	0.04	0.000005	0.00003	0.00000005	0.001
OCPs	Hexachlorobenzene	0.00007	0.000001	0.004	0.4	0.05	0.000007	0.00004	0.0000001	0.002
SVOCs	Octachlorostyrene	0.000005	0.0000005	0.00001	0.001	0.0006	0.00000007	0.000001	0.00000006	0.0002

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
HQ = Hazard quotient
LOAEL = Lowest observed apparent effects level
NA = Not applicable
NC = No criterion
ND = Nondetects
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference values
UCL = 95% upper confidence level

0.1	HQ<1
1	HQ = 1
5	1< HQ <10

TABLE 4-10e: Terrestrial Wildlife Food Web Model UCL Hazard Quotient Summaries using LOAEL TRVs: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Conservative HQ (AUF = 1)								
		Coopers Hawk	Kit Fox	Western Burrowing Owl	Amercian Robin	Desert Shrew	Fringed Myotis	Raccoon	Mourning Dove	Great Basin Pocket Mouse
		UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.005	0.002	0.02	0.1	0.03	0.04	0.02	0.02	0.02
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.0001	NA	0.04	0.1	NA	NA	NA	0.002	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	0.002	NA	NA	0.3	0.3	0.05	NA	0.03
Metals	Boron	0.001	0.0009	0.002	0.005	0.007	0.002	0.002	0.0009	0.002
OCPs	beta-BHC	0.01	0.009	0.009	0.008	0.01	0.01	0.001	0.00002	0.0003
Group	Chemical	Realistic HQ (AUF ≤ 1)								
		Coopers Hawk	Kit Fox	Western Burrowing Owl	Amercian Robin	Desert Shrew	Fringed Myotis	Raccoon	Mourning Dove	Great Basin Pocket Mouse
		AUF = 0.017	AUF = 0.0031	AUF = 0.031	AUF = 1	AUF = 1	AUF = 0.00012	AUF = 0.0055	AUF = 0.00056	AUF = 1
		UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.00008	0.000007	0.0005	0.1	0.03	0.000004	0.0001	0.00001	0.02
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.000002	NA	0.001	0.1	NA	NA	NA	0.000001	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	0.000007	NA	NA	0.3	0.00004	0.0003	NA	0.03
Metals	Boron	0.00002	0.000003	0.00006	0.005	0.007	0.0000003	0.00001	0.0000005	0.002
OCPs	beta-BHC	0.0002	0.00003	0.0003	0.008	0.01	0.000001	0.000007	0.00000001	0.0003

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
HQ = Hazard quotient
LOAEL = Lowest observed apparent effects level
NA = Not applicable
NC = No criterion
ND = Nondetects
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference values
UCL = 95% upper confidence level

0.1 HQ<1

TABLE 4-10f: Terrestrial Wildlife Food Web Model UCL Hazard Quotient Summaries using LOAEL TRVs: All Areas
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Operations Area Realistic HQ (AUF ≤ 1)									Parcel E Realistic HQ (AUF ≤ 1)								
		Coopers Hawk	Kit Fox	Western Burrowing Owl	Amercian Robin	Desert Shrew	Fringed Myotis	Raccoon	Mourning Dove	Great Basin Pocket Mouse	Coopers Hawk	Kit Fox	Western Burrowing Owl	Amercian Robin	Desert Shrew	Fringed Myotis	Raccoon	Mourning Dove	Great Basin Pocket Mouse
		AUF = 0.52	AUF = 0.094	AUF = 0.93	AUF = 1	AUF = 1	AUF = 0.0035	AUF = 0.17	AUF = 0.017	AUF = 1	AUF = 0.017	AUF = 0.0031	AUF = 0.031	AUF = 1	AUF = 1	AUF = 0.00012	AUF = 0.0055	AUF = 0.00056	AUF = 1
		UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.08	0.007	0.5	2	**1**	0.004	0.05	0.003	0.2	0.00008	0.000007	0.0005	0.1	0.03	0.000004	0.0001	0.00001	0.02
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.0007	NA	0.4	**1**	NA	NA	NA	0.0005	NA	0.000002	NA	0.001	0.1	NA	NA	NA	0.000001	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	0.002	NA	NA	4	0.01	0.1	NA	0.3	NA	0.000007	NA	NA	0.3	0.00004	0.0003	NA	0.03
Metals	Antimony	NC	0.0001	NC	NC	0.09	0.0003	0.002	NC	0.009	--	--	--	--	--	--	--	--	--
Metals	Boron	0.001	0.0002	0.005	0.01	0.02	0.00002	0.0008	0.00004	0.006	0.00002	0.000003	0.00006	0.005	0.007	0.0000003	0.00001	0.0000005	0.002
Metals	Cadmium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals	Lead	0.03	0.001	0.1	0.3	0.1	0.0004	0.004	0.0004	0.02	--	--	--	--	--	--	--	--	--
Metals	Manganese	0.01	0.008	0.1	0.4	**1**	0.0005	0.06	0.002	0.6	--	--	--	--	--	--	--	--	--
Metals	Mercury	0.0000001	0.0000006	0.0003	0.0008	0.0003	0.0000007	0.00001	0.000001	0.00007	--	--	--	--	--	--	--	--	--
Metals	Vanadium	0.02	0.0006	0.3	0.7	0.1	0.00008	0.005	0.003	0.04	--	--	--	--	--	--	--	--	--
OCPs	4,4'-DDE	0.5	0.2	0.4	0.1	0.8	0.001	0.007	0.000006	0.01	--	--	--	--	--	--	--	--	--
OCPs	4,4'-DDT	0.02	0.005	0.02	0.02	0.08	0.0003	0.002	0.000002	0.003	--	--	--	--	--	--	--	--	--
OCPs	Calculated DDx (ND=0.5DL)	0.06	0.02	0.08	0.09	0.3	0.001	0.007	0.000007	0.01	--	--	--	--	--	--	--	--	--
OCPs	beta-BHC	0.03	0.004	0.05	0.07	0.08	0.0003	0.002	0.000003	0.003	0.0002	0.00003	0.0003	0.008	0.01	0.000001	0.000007	0.00000001	0.0003
OCPs	Hexachlorobenzene	0.002	0.00003	0.1	0.4	0.04	0.0002	0.001	0.000004	0.002	--	--	--	--	--	--	--	--	--
PCBs	Calculated Total PCBs (ND=0.5DL)	0.000003	0.00001	0.01	0.04	0.1	0.0004	0.002	0.000003	0.004	--	--	--	--	--	--	--	--	--
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	0.000008	NA	0.04	0.1	NA	NA	NA	0.000008	NA	--	--	--	--	--	--	--	--	--
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	NA	0.00004	NA	NA	0.3	0.001	0.007	NA	0.01	--	--	--	--	--	--	--	--	--
SVOCs	Octachlorostyrene	0.001	0.0001	0.002	0.008	0.005	0.00001	0.0002	0.00001	0.001	--	--	--	--	--	--	--	--	--

Group	Chemical	Decision Unit 1 - Realistic HQ (AUF ≤ 1)									Decision Unit 2 - Realistic HQ (AUF ≤ 1)								
		Coopers Hawk	Kit Fox	Western Burrowing Owl	Amercian Robin	Desert Shrew	Fringed Myotis	Raccoon	Mourning Dove	Great Basin Pocket Mouse	Coopers Hawk	Kit Fox	Western Burrowing Owl	Amercian Robin	Desert Shrew	Fringed Myotis	Raccoon	Mourning Dove	Great Basin Pocket Mouse
		AUF = 0.26	AUF = 0.048	AUF = 0.48	AUF = 1	AUF = 1	AUF = 0.0018	AUF = 0.085	AUF = 0.0086	AUF = 1	AUF = 0.1	AUF = 0.018	AUF = 0.18	AUF = 1	AUF = 1	AUF = 0.0007	AUF = 0.033	AUF = 0.0033	AUF = 1
		UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.04	0.004	0.3	2	**1**	0.002	0.02	0.001	0.2	0.0008	0.00007	0.005	0.2	0.06	0.00004	0.001	0.00009	0.03
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.0004	NA	0.3	2	NA	NA	NA	0.0003	NA	0.000006	NA	0.004	0.06	NA	NA	NA	0.000004	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	0.002	NA	NA	5	0.008	0.06	NA	0.4	NA	0.00001	NA	NA	0.1	0.00008	0.0006	NA	0.01
Metals	Antimony	NC	0.00006	NC	NC	0.08	0.0001	0.001	NC	0.009	NC	0.00005	NC	NC	0.2	0.0001	0.001	NC	0.02
Metals	Boron	0.0009	0.0001	0.003	0.02	0.02	0.00001	0.0005	0.00002	0.007	0.0002	0.00002	0.0006	0.008	0.01	0.000003	0.00009	0.000004	0.003
Metals	Cadmium	--	--	--	--	--	--	--	--	--	0.0002	0.0002	0.0005	0.01	0.007	0.000002	0.0001	0.000007	0.004
Metals	Lead	0.02	0.0008	0.07	0.3	0.1	0.0002	0.002	0.0002	0.02	0.008	0.0004	0.04	0.5	0.2	0.0001	0.001	0.0001	0.03
Metals	Manganese	0.006	0.004	0.06	0.4	**1**	0.0003	0.03	0.0008	0.6	--	--	--	--	--	--	--	--	--
Metals	Mercury	0.0000001	0.0000004	0.0002	0.001	0.0004	0.0000005	0.000007	0.0000009	0.00009	--	--	--	--	--	--	--	--	--
Metals	Vanadium	0.01	0.0003	0.2	0.7	0.1	0.00004	0.002	0.001	0.04	--	--	--	--	--	--	--	--	--
OCPs	4,4'-DDE	0.3	0.1	0.2	0.1	0.9	0.0007	0.004	0.000003	0.01	0.1	0.04	0.1	0.1	**1**	0.0004	0.002	0.000002	0.02
OCPs	4,4'-DDT	0.008	0.003	0.01	0.02	0.08	0.0001	0.0009	0.0000009	0.003	0.006	0.002	0.009	0.07	0.2	0.0002	0.0009	0.000001	0.008
OCPs	Calculated DDx (ND=0.5DL)	0.04	0.01	0.05	0.1	0.4	0.0007	0.004	0.000004	0.01	0.02	0.008	0.03	0.2	0.6	0.0004	0.002	0.000002	0.02
OCPs	beta-BHC	0.02	0.002	0.03	0.08	0.1	0.0002	0.001	0.000002	0.003	0.005	0.0006	0.007	0.05	0.06	0.00004	0.0002	0.0000004	0.002
OCPs	Hexachlorobenzene	0.001	0.00002	0.07	0.4	0.05	0.0001	0.0007	0.000002	0.002	--	--	--	--	--	--	--	--	--
PCBs	Calculated Total PCBs (ND=0.5DL)	0.000001	0.000006	0.007	0.04	0.1	0.0002	0.001	0.000001	0.004	--	--	--	--	--	--	--	--	--
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	0.000004	NA	0.02	0.1	NA	NA	NA	0.000004	NA	--	--	--	--	--	--	--	--	--
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	NA	0.00002	NA	NA	0.3	0.0007	0.004	NA	0.01	--	--	--	--	--	--	--	--	--
SVOCs	Octachlorostyrene	0.0007	0.00008	0.002	0.01	0.006	0.000009	0.0002	0.000009	0.002	--	--	--	--	--	--	--	--	--

TABLE 4-10f: Terrestrial Wildlife Food Web Model UCL Hazard Quotient Summaries using LOAEL TRVs: All Areas
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Decision Unit 3 - Realistic HQ (AUF ≤ 1)								
		Coopers Hawk	Kit Fox	Western Burrowing Owl	Amercian Robin	Desert Shrew	Fringed Myotis	Raccoon	Mourning Dove	Great Basin Pocket Mouse
		AUF = 0.017	AUF = 0.0031	AUF = 0.03	AUF = 1	AUF = 1	AUF = 0.00012	AUF = 0.0055	AUF = 0.00055	AUF = 1
		UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL	UCL/ LOAEL
		HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ	HQ
Chlorine Oxyanions	Perchlorate	0.01	0.0009	0.07	7	4	0.0006	0.005	0.0002	0.6
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	0.00002	NA	0.01	0.9	NA	NA	NA	0.00001	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	0.00005	NA	NA	2	0.0003	0.002	NA	0.2
Metals	Antimony	--	--	--	--	--	--	--	--	--
Metals	Boron	--	--	--	--	--	--	--	--	--
Metals	Cadmium	--	--	--	--	--	--	--	--	--
Metals	Lead	--	--	--	--	--	--	--	--	--
Metals	Manganese	--	--	--	--	--	--	--	--	--
Metals	Mercury	--	--	--	--	--	--	--	--	--
Metals	Vanadium	--	--	--	--	--	--	--	--	--
OCPs	4,4'-DDE	0.008	0.003	0.006	0.03	0.3	0.00001	0.00007	0.00000005	0.003
OCPs	4,4'-DDT	0.0005	0.0002	0.0006	0.02	0.08	0.000009	0.00005	0.00000006	0.003
OCPs	Calculated DDx (ND=0.5DL)	0.0009	0.0003	0.001	0.04	0.1	0.00002	0.0001	0.0000001	0.005
OCPs	beta-BHC	0.0007	0.00008	0.0009	0.03	0.04	0.000005	0.00003	0.00000005	0.001
OCPs	Hexachlorobenzene	0.00007	0.000001	0.004	0.4	0.05	0.000007	0.00004	0.0000001	0.002
PCBs	Calculated Total PCBs (ND=0.5DL)	--	--	--	--	--	--	--	--	--
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--
SVOCs	Octachlorostyrene	0.000005	0.0000005	0.00001	0.001	0.0006	0.00000007	0.000001	0.00000006	0.0002

Notes:

0.1	HQ<1
1	HQ = 1
5	1< HQ <10

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
HQ = Hazard quotient
LOAEL = Lowest observed apparent effects level
NA = Not applicable or analyzed at OU-1 as a whole but not at decision unit
NC = No criterion
ND = Nondetects
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference values
UCL = 95% upper confidence level

TABLE 4-11: Effects of Uncertainty in Ecological Risk Assessment
Nevada Environmental Response Trust Site
Henderson, Nevada

Source of Uncertainty	SLERA Management Approach	Effects on Risk Estimation
Uncertainties in Hazard Identification		
Receptor Populations	How many organisms are at risk, given the size and characterization of the site? Given the expansive hardscape left on the site, and the human disturbance, parts of OU-1 are not likely to have biologically significant populations of animal receptors. If that is the case, ecological risk assessment may have trivial input to site management.	Likely causes overestimation of risk because of probable absence of biologically significant populations of receptors.
Receptor Demographics	Which organisms are at risk, given the size and characterization of the site? There were no formal biological surveys of plants, no insect community collections, no trapping studies of small animals, no birdwatching studies by trained ornithologists, and no survey of larger animals in OU-1. The list of receptors used in the risk assessment may not match the receptors in OU-1.	Unknown.
Evaluation of Reptiles	Ecological risk assessment for reptiles has been a particular focus of scientific interest for at least two decades. Despite that, there is a dearth of standardized test methods, the toxicity data is patchy-to-nonexistent, and there are no widely accepted receptor parameters. This is largely because both the US and EU do not require reptile testing as part of their environmental regulations. The hot, arid environment of OU-1 is likely to contain a diversity of lizards and several kinds of snakes that are not quantiatively assessed.	Likely causes underestimation of risk as reptiles are not assessed quantitatively.
Choice of Assessment Endpoints	Assessment endpoints were chosen for OU-1 based on the best understanding of which receptors might be rare species or ecologically important "keystone" species who's presence (or absence) can change the ecological community. For instance, do plants in OU-1 hold down the soil and are therefore the keystone species? Which plants? However, there has been no formal analysis of ecosystem functions or services in OU-1 to verify this understanding.	Unknown.
Exposure Pathways & Conceptual Site Model	The exposure pathways - and the identification of complete exposure pathways - at OU-1 was based on professional experience of trained ecologists, site personel, and local government. However, there has been no tracer analysis to verify which exposure pathways are complete. If the conceptual site model is incorrect, the risk assessment might be assessing incomplete pathways, or missing complete pathways.	Unknown.
Additional Stressors	The receptors in OU-1 are assessed for their vulnerabiliy to chemical stressors, however, there are many other stressors at OU-1 that may affect populations of receptors. For instance, there could be an outbreak of scarcoptic mange in local coyotes that renders them especially vulnerable to chemicals that may interact with the dermal pathway. Climate change and increased temperatures could mean that prey mammals are heat stressed. Human disturbance may cause animals to flee out of their preferred microhabitats. This risk assessment does not take into effect any stressors other than chemical.	Likely causes an underestimation of risk because plants and animals under stress are more sensitive.
Uncertainties in the Exposure Assessment - Chemical Data		
Limited Number of Samples	The sampling within the OU-1 Refined SLERA Study Area is generally robust. The ecological risk assessment for soil uses a limited set of samples that only included the top two feet of soil because there is far more biological activity there than at deeper depths. There are only a few chemicals with limited sampling locations and these are chemicals that are not risk drivers. As such, limited number of samples is not considered an issue at OU-1.	Unknown.
Assumed Bioavailability is 100%	The chemicals detected in OU-1 are assumed to be 100% bioavailable and this is not true. Most aluminum in the Earth's upper crust is aluminum oxide - a very stable mineral. Iron and manganese oxides are also relatively stable, ubiquitous minerals. These minerals are often bound in rocks and gravel - but the chemical analysis dissolves them in strong acids to get the total values of the metals. The organisms in OU-1 cannot eat rocks and are not exposed to the minerals bound up in them. While some birds may use grit in their gizzard to help macerate food, the grit is not exposed to strong acids as they are in laboratory analysis and do not completely break down. Organic and hydrophobic chemicals are likely bound to clay or organic particles in the soil. In laboratory testing they are extracted with solvents.	Likely causes a significant overestimation of risk from chemicals in OU-1.
Biased Sampling	The sampling within the OU-1 Refined SLERA Study Area is generally robust and well-distributed, but was designed to help identify areas with higher concentrations of toxic chemicals in order to guide site delineation and site cleanup. Relatively few samples were taken in areas where site activities were unlikely to have caused chemical contamination, and relatively more samples were taken in areas that were likely to be contaminated. This biases the sample concentrations high.	Likely causes an overestimation of risk.
Chemicals That Are Not Detected	Many chemicals were not detected in OU-1. Some of these chemicals might be present in OU-1 at concentrations below the detection limits and may still have ecological effects that can not be quantified in this risk assesment.	Unknown.
Use of Maximum or 95% UCL Concentrations	Using 95 percent upper confidence limits and maximum detected concentrations is likely to overestimate intakes since most exposure is at lower concentrations. Constituents in OU-1 generally have a few locations with high concentrations and many locations with very low concentrations (see Figures 4-13, 4-14, and 4-15 for distributions of concentrations of perchlorate, mammal and avian dioxin/furan TEQs, and manganese). Using the maximum value vastly overestimates risk. Even the 95% upper confidence level of the mean overestimates the actual mean of concentrations.	Likely causes a significant overestimation of risk from chemicals in OU-1.

TABLE 4-11: Effects of Uncertainty in Ecological Risk Assessment
Nevada Environmental Response Trust Site
Henderson, Nevada

Source of Uncertainty	SLERA Management Approach	Effects on Risk Estimation
Uncertainties in the Exposure Assessment - Biological Data		
Dermal and Inhalation Pathways Not Assesed	Ecological risk assessment does not generally include the dermal and inhalation pathways. The uptake values are very poorly understood and documented and the toxicity via these pathways is largely unstudied. However, at OU-1, the aeolian dust may be a complete - and important - uptake pathway. Give the arid conditions of OU-1, most creatures have an external covering that is largely waterproof to reduce fluid loss, so uptake from the dermal pathway might be trivial.	Unknown.
Which Chemicals Bioaccumulate	For OU-1, bioaccumulative chemicals were determined by the existence of a published USEPA Ecological Soil Screening Level for a chemical, or it's inclusion in the USEPA's "Bioaccumulation Testing and Interpretation For The Purpose Of Sediment Quality Assessment - Status and Needs" (USEPA 2000). This is an expansive list of chemicals that cover major risk drivers at sites across the US. However, the large constituent list at OU-1 likely contains some chemicals that bioaccumulate, but that haven't been formally assessed for bioaccumulation potential and who's toxicity is unknown.	Unknown.
Use of literature derived exposure assumptions in the models	For OU-1, uptake modeling into plants, prey invertebrates, and prey mammals was based on standardized, genereric, widely-acceptable values. However, these values were not designed for hot, arid environments, or the specific soil-type and constituent mix at OU-1. These values were also not derived using the same species of plants, invertebrates, or prey mammals present at OU-1. Therefore, the standard uptake values (or equations) might differ widely from the chemical uptake that occurs in OU-1. There have been no uptake studes or collections of plants, insects, or prey mammals to directly measure the amount of chemicals in food items.	Unknown.
Use of literature derived exposure assumptions for receptor parameters	The model receptor organisms are based on literature- and guidance-derived values and do not reflect how organisms in OU-1 are actually exposed. The available receptor information is very rarely from animals in desert climates. For instance, there has been very little basic science published on how much burrowing owls eat, what species of insects the fringed myotis bats in the local area eat, and how much soil pocket mice incidentally consume when the groom themselves. The rate of food consumption, or accidental soil ingestion, or feeding preferences of the animals at OU-1 are likely specifically adapted for life there.	Unknown.
Area Use Factors	The AUF accounts for the fraction of the diet that an organism actually obtains from the site. The AUF takes into consideration the dietary fraction derived from a site based on the organism's foraging/feeding range (i.e., the mobility factor, which is the ratio between the site surface area and the foraging/feeding range), and seasonal exposure that limits exposure to certain periods of the year. High mobility animals have extensive foraging ranges and are known to obtain their diet from multiple locations, while low-mobility organisms such as invertebrates have a higher degree of exposure because most or all of their diet is derived from a smaller area. OU-1 is approximately 346 acres. Organisms whose home range is less than the site size is assumed to spend all their time at the site while organisms whose home range is greater than the site size is assumed to spend only a portion of their time at the site. Ramboll considered both a conservative approach to AUFs (AUF=1) and a more realistic scenario (AUF<1) in the risk assessment.	The AUF=1 scenario likely overestimates risk for receptors with large home ranges like the fringed myotis, mourning dove, kit fox, racoon, Cooper's hawk, and western burrowing owl.
Bird and mammal HQs based on maximum AUFs	Compounding conservative assumptions in the risk assessment likely yields extremely conservative (overestimated) risk estimates. Using an AUF = 1, the HQ values for the mammals and birds are based on the presumption that they live their entire lives within their exposure unit, consume food only from within their exposure unit, and food items live entirely within their exposure unit.	Likely causes a significant overestimation of risk.
Uncertainties in the Effects Assessment		
Adaptation To and Tolerance of Chemicals Present in OU-1	Life spans of receptors at OU-1 are 1-2 years (pocket mice, doves, robins), 2-3 years (shrews, raccoons), 3-4 years (foxes, coyotes), or up to 5-15 years (hawks, owls). The chemicals at OU-1 have been there for 25 or more years. That means that the receptors at OU-1 have experienced multiple generations of exposure to the chemicals at OU-1 (other than bats, who could live 20 years). Any organisms that were particularly sensitive to chemicals present at OU-1 have long since died or fled, and the genetic pressure on the indivuduals that remained would favor organisms that are less sensitive, or adapted to the chemicals present in OU-1.	Likely causes an overestimation of risk.
Chemical Form	Toxicity studies on a chemical of interest may not match the form that is present in OU-1. For instance, perchlorate is a salt and the toxicity testing literature includes studies on sodium, ammonium, or potassium perchlorate salts as well as just "perchlorate". Salts are expected to have little effect on toxicity, but there has been no study in OU-1 to determine which form the perchlorate is in and how that relates to the toxicity endpoints used in the risk assessment.	Unknown.
Wild Type Versus Lab Strain Organisms	The vast majority of test species that were used for toxicity testing come from lab grown strains of organisms. These organisms have been in captivity for hundreds (or more) of generations and have experienced selection pressure and genetic drift to adapt to lab water, food, and climate conditions. The animals at OU-1 have wild type genetics that may alter their responses to various chemicals.	Unknown.
Species-To-Species Extrapolations	While bats, owls, coyotes, and desert insects may be receptors of concern at OU-1 the toxicity studies used in this risk assessment are generally from lab or field studies on other organisms. Extrapolating mouse toxicity values to bats, or chicken toxicity studies to owls is uncertain because the lab species may not react like the species at OU-1.	Unknown.
Lab Testing Versus OU-1	Most laboratory tests take place under controlled temperature, water, food, and light conditions. Generally lab organisms are fed an appropriate ration so they are not stressed by hunger during toxicity testing. This is obviously different than OU-1 where organisms must avoid predation, and may be food- or hunger- or temperature-stressed.	Unknown.
Toxicity Endpoints	Every effort was made to make sure soil and wildlife toxicity values applied to relevant endpoints for growth, reproduction, or mortality. Endpoints like biochemical markers, gene regulation, and avoidance behavior were not used in this risk assessment. However, some toxicity studies are more relevant than others, and when there is a paucity of inforation (for instance soil toxicity data for manganese) then there are fewer ecologically relevant endpoints to choose from.	Unknown.

TABLE 4-11: Effects of Uncertainty in Ecological Risk Assessment
Nevada Environmental Response Trust Site
Henderson, Nevada

Source of Uncertainty	SLERA Management Approach	Effects on Risk Estimation
Uncertainties in Risk Characterization		
Interpretation of HQs	An HQ less than or equal to a value of 1 indicates that adverse impacts to wildlife are considered unlikely. However, there is no clear guidance for interpreting the HQs that exceed a value of 1, except that this point of departure may indicate that adverse effects of some kind may have occurred or may occur in the future.	Likely causes an overestimation of risk.
HQs With Unrealistic Magnitudes	The toxaphene maximum soil HQ of 10,000, the maximum concentration/no toxicity HQ of 500 for dioxin/furan TEQs for the shrews, or even the UCL/ no toxicity HQ of 10 for the hawk are difficult to intepret. While this might suggest acute toxicity, there are still soil invertebrates, small mammals, and hawks at OU-1 and they have not been extirpated. While an HQ greater than 1 indicates a need for further study, they do not scale linearly, and are difficult to compare between media and organisms.	Likely causes an overestimation of risk.
Assessing Risk One Chemical At a Time	Ecological risk assessment develops risk estimates one chemical at a time. However, at OU-1 an ecological receptor is exposted to several constituents at the same time, and may experience toxic effects from these chemicals simultaneously. The chemicals may be synergestic and cause more toxicity because of their combination than is expected from a single chemical.	Likely causes an underestimation of risk.
Background Concentrations that Exceed Ecotoxicity Screening Values	There are several metals that have background concentrations that are very high and in some cases exceed that chemicals ESV. For instance, the background HQs for aluminum range from 700-3000. The background HQs for iron range from 30-100. The background HQs for mercury range from below 1 to 8. However, the background area represents healthy desert ecosystems with appropriate wildlife and vegetation. The high HQs are from naturally occurring minerals that the ecosystem has adapted to.	Likely causes an overestimation of risk.
HQs for Individuals Used to Evaluate Risks to Populations	The assessment endpoints for OU-1 include "survival, growth, and reproductive ability of bird/mammal/reptile populations within the OU-1". However, the toxicity reference values used are for individual survival, growth, and reproduction. Extrapolating from individual impacts to population impacts is fraught with uncertainty (Tannenbaum 2003; Durda and Preziosi 1999). Even if the food web model indicates reductions in survival, growth and reproduction of some individuals, such data alone cannot be used directly to estimate adverse effects to populations, communities, or ecosystems (Forbes and Calow, 1999).	Unknown.
Detection Limits That Exceed Ecotoxicity Screening Values	There are occasions when analytical sample quantitation limits exceed ecoological screening values. This can be due to instrument and method limitations and/or due to interference from unrelated chemicals (e.g., dilutions required to bring some other chemical within a calibration range). This uncertainty is described in detail in Section 4.7.6 and Table 4.13a and 4-13b.	Unknown.

Notes:
AUF = Area use factor
ESV = Ecological screening value
HQ = Hazard quotient
OU-1 = Operable Unit 1
SLERA = Screening-level ecological risk assessment
TEQ = Toxic equivalency quotient
USEPA = United States Environmental Protection Agency

References:
Durda, J.L., and D.V. Preziosi. 1999. Where is the population in your risk assessment? Society of Environmental Toxicology and Chemistry (SETAC) News 19(6):19–20.
Forbes, V. E. and P. Calow. 1999. Is the per capita rate of increase a good measure of population-level effects in ecotoxicology? Environmental Toxicology and Chemistry 18:1544–1556.
Tannenbaum L., M. Johnson, and M. Bazar. 2003. Application of the Hazard Quotient Method in Remedial Decisions: A Comparison of Human and Ecological Risk Assessments. Human and Ecological Risk
USEPA. 2000. Bioaccumulation Testing and Interpretation for the Purpose of Sediment Quality Assessment. EPA-823-R-00-001.

TABLE 4-12a: Uncertainty Analysis for Constituents Detected but Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Summary Statistics					Sample Year Range	Most Recent Detection Date	Fail Statistical Testing for Background Consistency? (a)	Consideration of Half-Life in Soil				Consideration of Additional Toxicity Data				Bioaccumulative? (c)
		# Samples	# Detects	FOD	Maximum Detection (mg/kg)	95% UCL (mg/kg)				Half-Life in Soil	Number of Half-Lives Since Most Recent Detection	Estimated Present Day Concentration (mg/kg)	Constituent still present based on Half-Life?	Toxicity of the constituent or a Surrogate Chemical(s) (mg/kg) (b)	Surrogate/ Source	Maximum HQ > 1?	95UCL HQ > 1?	
Chlorine Oxyanions	Chlorate	172	132	77%	2.58E+03	1.00E+02	2006 - 2018	12/18/2018	NA	--	--	--	--	Sodium Chlorite: Avian LC50: 2,031 - 18,686 mg/kg; Avian NOEL: 417-10,000 mg/kg (d)	--	Yes	No	No
General Chemistry	Ammonia	132	34	26%	1.62E+02	7.70E+00	2006 - 2018	12/18/2018	NA	30 days	48	4.5E-13	No	(b)	--	-	-	No
General Chemistry	Bromide	141	13	9%	4.70E+00	1.25E+00	2006 - 2018	12/15/2014	NA	--	--	--	--	Bromide: Avian LC50 >5,600 mg/kg; Mammal LC50 >3,900 mg/kg (e)	--	No	No	No
General Chemistry	Nitrate	150	143	95%	2.28E+03	1.11E+02	2006 - 2018	12/18/2018	Yes	30 days	48	6.4E-12	No	(b)	--	-	-	No
General Chemistry	Nitrate/Nitrite	45	45	100%	2.39E+02	5.32E+01	2014 - 2018	12/18/2018	NA	30 days	48	6.7E-13	No	(b)	--	-	-	No
General Chemistry	Nitrite	142	17	12%	7.10E+00	1.10E+00	2006 - 2018	11/13/2014	Yes	30 days	98	1.9E-29	No	(b)	--	-	-	No
General Chemistry	ortho-Phosphate	47	6	13%	9.97E+02	9.60E+01	2006 - 2018	12/18/2018	NA	30 days	48	2.8E-12	No	(b)	--	-	-	No
General Chemistry	Sulfate	142	140	99%	1.95E+04	1.80E+03	2006 - 2018	12/18/2018	Yes	30 days	48	5.4E-11	No	(b)	--	-	-	No
Metals	Magnesium	197	196	99%	1.89E+05	1.88E+04	2006 - 2018	12/18/2018	Yes	--	--	--	--	(b)	--	-	-	No
Metals	Sulfur	32	25	78%	1.40E+04	2.48E+03	2007 - 2018	12/18/2018	Yes	--	--	--	--	Birds: 5,620 mg/kg diet (mortality LC50); Insects: 567 mg/kg (mortality LC50); Plants 80-97.6 mg/kg soil (growth NOEL) (f)	--	Yes	Yes	No
OPPs	Dimethoate	50	1	2%	9.10E-03	6.66E-03	2006 - 2014	10/27/2009	NA	2 - 122 days	39	1.4E-14	No	2	Geomean NOEC of 5 literature studies for target compound	No	No	Low potential (BCF range from 0.04 to 3.71)
OPPs	Stirophos	50	1	2%	4.10E-02	6.93E-03	2006 - 2014	6/11/2009	NA	< 8 days	616	1.6E-187	No	20	Lowest NOEC from one literature study for target compound	No	No	Low potential (BCF range from 17 to 600)
SVOCs	2-Chloronaphthalene	46	1	2%	4.20E-01	1.44E-01	2007 - 2017	11/13/2014	NA	59 - 79 days	37	2.5E-12	No	(b)	--	-	-	Moderate potential (BCF: 4,270)
SVOCs	4-Chloro-3-methylphenol	45	1	2%	3.20E-01	1.48E-01	2007 - 2017	11/13/2014	NA	1.4 - 4.2 days	702	2.1E-212	No	6.4	ECHA estimated PNEC (EqP-approach) for target compound	No	No	Low potential (BCF range from 5.5 to 13)
SVOCs	Isophorone	46	1	2%	2.70E-01	1.51E-01	2007 - 2017	11/13/2014	NA	75 days	39	4.0E-13	No	0.12	ECHA estimated PNEC based on structure of target compound	Yes	No	Low potential (BCF range from 2 to 7)
SVOCs	Octachlorostyrene	223	36	16%	1.30E+00	1.04E+00	2006 - 2017	11/12/2010	NA	360 days	12	2.68E-04	Min SQL of (1.2E-04 mg/kg)	(b)	--	-	-	Very high potential (BCF range from 8,100 to 1,400,000)
VOCs	Bromodichloromethane	171	1	1%	4.00E-04	4.00E-04	2006 - 2017	9/27/2010	NA	75 days	59	5.3E-22	No	0.54	Former 2003 USEPA R5 Criteria (no longer on R5 website)	No	No	Low potential (BCF range from 5 to 10)
VOCs	Chloromethane	171	1	1%	6.20E-04	6.20E-04	2006 - 2017	7/29/2009	NA	30 days	163	6.7E-53	No	10.4	Former 2003 USEPA R5 Criteria (no longer on R5 website)	No	No	Low potential (BCF range from 1 to 10)
VOCs	Ethyl tert-butyl ether	164	1	1%	3.80E-04	3.80E-04	2006 - 2017	7/9/2008	NA	82 - 90 days	58	9.3E-22	No	0.274	ECHA estimated PNEC (EqP-approach) for target compound	-	-	Low potential (BCF range from 6.5 to 10)
VOCs	Formaldehyde	2	2	100%	8.90E-02	8.90E-02	2009 - 2009	7/8/2009	NA	50 min (0.035 days)	141,137	approximately 0	No	(b)	Highly soluble in water and is readily biodegradable therefore an exposure via soil is not expected (ECHA 2023) (g)	-	-	Low potential (BCF range from 1 to 3)
VOCs	Methyl tert-butyl ether	171	1	1%	1.40E-03	5.85E-04	2006 - 2017	3/8/2017	NA	79 - 102 days	21	8.8E-10	No	1.56	ECHA estimated PNEC based on soil invert reproduction NOEC	-	-	Low potential (BCF range from 1.5 to 4)
VOCs	tert Butyl alcohol	163	1	1%	7.60E-03	4.27E-03	2006 - 2017	7/8/2009	NA	30 - 200 days	25	3.2E-10	No	1	ECHA estimated PNEC based on 14-day earthworm mortality NOEC	-	-	Low potential (BCF range from 1 to 5)

TABLE 4-12a: Uncertainty Analysis for Constituents Detected but Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

(a) Details regarding the background evaluation is provided in Appendix C. "Yes" indicates that Site concentrations are significantly greater than background or there is a low detection frequency for this chemical but visual inspection of QQ/boxplots indicate site not consistent with background and therefore the chemical cannot be eliminated based on comparison to background. "No" indicates that Site data is constistent with background or for low detection frequency chemicals, visual inspection of QQ/boxplots indicate site is consistent with background. NA: not applicable. Bkg evalulation only for metals and radionuclides.

(b) A literature review was conducted to find toxicity information using sources such as USEPA EcoTox, ORNL RAIS, ECHA, and Google Scholar. If information is found, it is stated; otherwise, pertinent toxicity information for the chemical was not found.

(c) BCFs pulled from USEPA CompTox Database and PubChem; and represent accumulation in aquatic organisms.

(d) Chlorate/Chlorite: USEPA 1992 Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C.:

The chlorate ion, ClO3, contains three oxygen atoms while the chlorite ion, ClO−2 contains only two oxygen atoms.

Sodium Chlorite	HClO2	68.46 g/mol
Chlorate	ClO3−	83.45 g/mol

(e) Bromide/Bromine: USEPA 2005. Ecological Hazard and Environmental Risk Assessment of Bromine and Sodium Bromide for the Registration Eligibility Decision (RED)

(f) Sulfur: Birds: USEPA 1992. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C.
Plants: Cui,Y., and Q. Wang. 2005. Interaction Effect of Zinc and Elemental Sulfur on Their Uptake by Spring Wheat. J. Plant Nutr.28(4): 639-649
Insects: Cohen,H., A.R. Horowitz, D. Nestel, and D. Rosen. Susceptibility of the Woolly Apple Aphid Parasitoid, Aphelinus mali (Hym.: Aphelinidae), to Common Pesticides Used in Apple Orchards in Israel. Entomophaga41(2): 225-233.

(g) Formaldehyde: European Chemicals Agency. (2023). ECHA registration dossier: Formaldehyde. https://echa.europa.eu/registration-dossier/-/registered-dossier/15858/1/2

BCF = Bioconcentration factor
ECHA = European Chemicals Agency
EqP = Equilibrium partitioning approach
ESVs = Ecological screening values
FOD = Frequency of detection
HQ = Hazard quotient
LC50 = Lethal concentration (50% population)
mg/kg = Milligram(s)/kilogram
min = Minimum
NA = Not applicable
NOEC = No observed effect concentration
NOEL = No observed effect level
PNEC = Predicted no effect concentration
SQL = Sample quantitation limit
UCL = Upper confidence limit
USEPA R5 = United States Environmental Protection Agency Region 5

TABLE 4-12b: Uncertainty Analysis for Constituents Detected but Lacking ESVs: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Summary Statistics					Sample Year Range	Most Recent Detection Date	Fail Statistical Testing for Background Consistency? (a)	Consideration of Half-Life in Soil				Consideration of Additional Toxicity Data				Bioaccumulative? (c)
		# Samples	# Detects	FOD	Maximum Detection (mg/kg)	95% UCL (mg/kg)				Half-Life in Soil	Number of Half-Lives Since Most Recent Detection	Estimated Present Day Concentration (mg/kg)	Constituent still present based on Half-Life?	Toxicity of the constituent or a Surrogate Chemical(s) (mg/kg) (b)	Surrogate/ Source	Maximum HQ > 1?	95UCL HQ > 1?	
Chlorine Oxyanions	Chlorate	8	8	100%	4.20E+00	2.27E+00	2018	9/26/2018	NA	--	--	--	--	(b)(d)	Sodium Chlorite (d): Avian LC50: 2,031 - 18,686 mg/kg; Avian NOEL: 417-10,000 mg/kg (d)	No	No	No
General Chemistry	Ammonia	8	8	100%	4.90E+00	4.27E+00	2018	9/26/2018	NA	30 days	51	2.0E-15	No	(b)	--	-	-	No
General Chemistry	Bromide	8	3	38%	1.50E+01	8.38E+00	2018	9/26/2018	NA	--	--	--	--	(b)(e)	Bromide: Avian LC50 >5,600 mg/kg; Mammal LC50 >3,900 mg/kg (e)	No	No	No
General Chemistry	Nitrate	8	8	100%	2.26E+02	1.42E+02	2018	9/26/2018	Yes	30 days	51	9.1E-14	No	(b)	--	-	-	No
General Chemistry	Sulfate	8	8	100%	6.90E+03	3.75E+03	2018	9/26/2018	Yes	30 days	51	2.8E-12	No	(b)(f)	--	-	-	No

Notes:

(a) Details regarding the background evaluation is provided in Appendix C. "Yes" indicates that Site concentrations are significantly greater than background or there is a low detection frequency for this chemical but visual inspection of QQ/boxplots indicate site not consistent with background and therefore the chemical cannot be eliminated based on comparison to background. "No" indicates that Site data is constistent with background or for low detection frequency chemicals, visual inspection of QQ/boxplots indicate site is consistent with background. NA: not applicable. Bkg evalulation only for metals and radionuclides.

(b) A literature review was conducted to find toxicity information using sources such as USEPA EcoTox, ORNL RAIS, ECHA, and Google Scholar. Pertinent toxicity information for the chemical was not found.

(c) BCFs pulled from USEPA CompTox Database and PubChem; and represent accumulation in aquatic organisms.

(d) Chlorate/Chlorite: USEPA 1992 Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C.:
The chlorate ion, ClO3, contains three oxygen atoms while the chlorite ion, ClO−2 contains only two oxygen atoms.

Sodium Chlorite	HClO2	68.46 g/mol
Chlorate	ClO3−	83.45 g/mol

(e) Bromide/Bromine: USEPA 2005. Ecological Hazard and Environmental Risk Assessment of Bromine and Sodium Bromide for the Registration Eligibility Decision (RED)

(f) Sulfur (surrogate for sulfate): Birds: USEPA 1992. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C.

Plants: Cui,Y., and Q. Wang. 2005. Interaction Effect of Zinc and Elemental Sulfur on Their Uptake by Spring Wheat. J. Plant Nutr.28(4): 639-649

Insects: Cohen,H., A.R. Horowitz, D. Nestel, and D. Rosen. Susceptibility of the Woolly Apple Aphid Parasitoid, Aphelinus mali (Hym.: Aphelinidae), to Common Pesticides Used in Apple Orchards in Israel. Entomophaga 41(2): 225-233.

ESVs = Ecological screening values
FOD = Frequency of detection
HQ = Hazard quotient
LC50 = Lethal concentration (50% population)
mg/kg = Milligram(s)/kilogram
NA = Not applicable
NOEL = No observed effect level
UCL = Upper confidence limit

TABLE 4-12c: Uncertainty Evaluation for Detected Chemicals Lacking Plant-Specific ESVs
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Summary Statistics					Sample Year Range	Most Recent Detection Date	Fail Statistical Testing for Background Consistency? (a)	Consideration of Half-Life in Soil					Consideration of Additional Toxicity Data				Bioaccumulative? (c)
		# Samples	# Detects	FOD	Maximum Detection (mg/kg)	95% UCL (mg/kg)				Half-Life in Soil		Number of Half-Lives Since Most Recent Detection	Estimated Present Day Concentration (mg/kg)	Constituent still present based on Half-Life?	Plant Toxicity of the constituent or a Surrogate Chemical(s) (mg/kg) (b)	Surrogate/ Source	Maximum HQ > 1?	95UCL HQ > 1?	
Metals	Iron	178	178	100%	1.40E+05	1.91E+04	2006 - 2018	12/18/2018	Yes	10^8 days	OEHHA 2000 (d)	0	1.4E+05	Yes	--	(b)	-	-	No - Soil-to-Dry Plant Uptake (kg/kg-dry plant per kig/kg-dry soil) is 4.00E-03 High (BCF Range is 3.4 to 2.8E+7)
SVOCs	bis(2-Ethylhexyl)phthalate	224	23	10%	8.20E-01	1.14E-01	2006 - 2018	9/26/2018	NA	5 - 300 days	Environment Canada 1994 and Kim et al. 2019 (e)	5	2.4E-02	Yes; above minimum SQL (4.0E-03)	130	Long-term EC10/LC10/NOEC from ECHA	No	No	Low potential (BCF Range is 1.31 to 1710 with a median of 355). Soil-to-Dry Plant Uptake (kg/kg-dry plant per kig/kg-dry soil) is 1.5E-03.

Notes:

(a) Details regarding the background evaluation is provided in Appendix C. "Yes" indicates that Site concentrations are significantly greater than background or there is a low detection frequency for this chemical but visual inspection of QQ/boxplots indicate site not consistent with background and therefore the chemical cannot be eliminated based on comparison to background. "No" indicates that Site data is constistent with background or for low detection frequency chemicals, visual inspection of QQ/boxplots indicate site is consistent with background. NA: not applicable. Bkg evalulation only for metals and radionuclides.

(b) A literature review was conducted to find toxicity information using sources such as USEPA EcoTox, ORNL RAIS, ECHA, and Google Scholar. If information is found, it is stated; otherwise, pertinent plant toxicity information for the chemical was not found.

(c) Soil-to-Plant Uptake pulled from ORNL RAIS (https://rais.ornl.gov/). BCFs pulled from USEPA CompTox Chemicals Dashboard: https://comptox.epa.gov/dashboard/.

(d) Iron: OEHHA 2000: https://oehha.ca.gov/media/downloads/crnr/apeng.pdf
Biodegradation as such is not expected to occur with metals and other elements because of their elemental nature. Therefore, as a default estimate the metal content of soil is assumed to decay with a half-life of 108 days unless site-specific information is presented showing that soil conditions will result in the loss of soil metal content (such as from leaching or weathering).

(e) bis(2-Ethylhexyl)phthalate: Kim, D., R. Cui, J. Moon, J.I. Kwak, and Y. An. 2019. Soil Ecotoxicity Study of DEHP with respect to multiple soil species. Chemosphere 216: 387-395.
Environment Canada 1994: https://www.canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/environmental-contaminants/canadian-environmental-protection-act-priority-substances-list-report-2-ethylhexyl-pthalate.html

BCF = Bioconcentration factor
EC10 = Effect concentration (10% population)
ECHA = European Chemicals Agency
ESVs = Ecological screening values
FOD = Frequency of detection
HQ = Hazard quotient
LC10 = Lethal concentration (10% population)
mg/kg = Milligram(s)/kilogram
min = Minimum
NA = Not applicable
NOEC = No observed effect concentration
SQL = Sample quantitation limit
UCL = Upper confidence limit

TABLE 4-12d: Uncertainty Evaluation for Detected Chemicals Lacking Invertebrate-Specific ESVs
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Summary Statistics					Sample Year Range	Most Recent Detection Date	Fail Statistical Testing for Background Consistency? (a)	Consideration of Half-Life in Soil					Consideration of Additional Toxicity Data				Bioaccumulative? (c)
		# Samples	# Detects	FOD	Maximum Detection (mg/kg)	95% UCL (mg/kg)				Half-Life in Soil		Number of Half-Lives Since Most Recent Detection	Estimated Present Day Concentration (mg/kg)	Constituent still present based on Half-Life?	Plant Toxicity of the constituent or a Surrogate Chemical(s) (mg/kg) (b)	Surrogate/ Source	Maximum HQ > 1?	95UCL HQ > 1?	
Metals	Iron	178	178	100%	1.40E+05	1.91E+04	2006 - 2018	12/18/2018	Yes	10^8 days	OEHHA 2000 (d)	0	1.4E+05	Yes	--	(b)	-	-	High (BCF Range is 3.4 to 2.8E+7)
Metals	Boron	178	171	96%	1.51E+03	5.34E+01	2006 - 2018	12/18/2018	Yes	10^8 days	OEHHA 2000 (d)	0	1.5E+03	Yes	13.8	EC10 range from 13.8 to 70.1 mg/kg dw for 21 to 56 days for terrestrial macroorganisms and arthropods. NOECs (21 days to 63 days) ranged from 5.2 to 315 mg/kg dw. Lowest EC10 is used.	Yes	Yes	No to low potential (BCF: 18)

Notes:

(a) Details regarding the background evaluation is provided in Appendix C. "Yes" indicates that Site concentrations are significantly greater than background or there is a low detection frequency for this chemical but visual inspection of QQ/boxplots indicate site not consistent with background and therefore the chemical cannot be eliminated based on comparison to background. "No" indicates that Site data is constistent with background or for low detection frequency chemicals, visual inspection of QQ/boxplots indicate site is consistent with background. NA: not applicable. Bkg evalulation only for metals and radionuclides.

(b) A literature review was conducted to find toxicity information using sources such as USEPA EcoTox, ORNL RAIS, ECHA, and Google Scholar. Pertinent invertebrate toxicity information for the chemical is stated if found; otherwise, information was not found regarding invertebrate toxicity.

(c) BCFs pulled from USEPA CompTox Chemicals Dashboard: https://comptox.epa.gov/dashboard/.

(d) Biodegradation is not expected to occur with metals and other elements because of their elemental nature. Therefore, as a default estimate the metal content of soil is assumed to decay with a half-life of 10^8 days unless site-specific information is presented showing that soil conditions will result in the loss of soil metal content (such as from leaching or weathering) (OEHHA 2000. Technical Support Document for Exposure Assessment and Stochastic Analysis. https://oehha.ca.gov/media/downloads/crnr/apeng.pdf)

BCF = Bioconcentration factor
EC10 = Effect concentration (10% population)
ESVs = Ecological screening values
dw = Dry weight
FOD = Frequency of detection
HQ = Hazard quotient
mg/kg = Milligram(s)/kilogram
NA = Not applicable
NOEC = No observed effect concentration

Table 4-13. Food Web Modelling Results for Chemicals with Frequency of Detection Less than or Equal to Five Percent
Nevada Environmental Response Trust Site
Henderson, Nevada

		COOPERS HAWK		KIT FOX		WESTERN BURROWING OWL		AMERICAN ROBIN		DESERT SHREW		FRINGED MYOTIS		RACCOON		MOURNING DOVE		GREAT BASIN POCKET MOUSE	
Operations Area		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**	
Group	Chemical	HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)	
		NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless
OCP	alpha-BHC	0.003	0.0008	0.0007	0.0003	0.003	0.0009	0.006	0.001	0.002	0.001	0.002	0.001	0.0003	0.0001	0.00006	0.00002	0.001	0.0006
OCP	Endrin	0.04	0.004	0.0003	0.0003	0.05	0.005	0.08	0.008	0.001	0.001	0.0009	0.0009	0.0001	0.0001	0.002	0.0002	0.0005	0.0005
OCP	Methoxychlor	0.004	0.002	0.003	0.001	0.005	0.003	0.009	0.004	0.01	0.005	0.009	0.004	0.002	0.0008	0.0003	0.0002	0.004	0.002
PCB	Aroclor 1260	0.05	0.008	0.1	0.01	0.06	0.009	0.1	0.02	0.4	0.05	0.3	0.05	0.05	0.008	0.003	0.0004	0.2	0.02
SVOC	2-Chlorophenol	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

ECO DU-1		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**	
Group	Chemical	HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)	
		NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless
OCP	alpha-BHC	0.003	0.0008	0.0007	0.0003	0.003	0.0009	0.006	0.001	0.002	0.001	0.002	0.001	0.0003	0.0001	0.00006	0.00002	0.001	0.0006
OCP	Endrin	0.04	0.004	0.0003	0.0003	0.05	0.005	0.08	0.008	0.001	0.001	0.0009	0.0009	0.0001	0.0001	0.002	0.0002	0.0005	0.0005
OCP	Methoxychlor	0.004	0.002	0.003	0.001	0.005	0.003	0.009	0.004	0.01	0.005	0.009	0.004	0.002	0.0008	0.0003	0.0002	0.004	0.002
SVOC	2-Chlorophenol	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

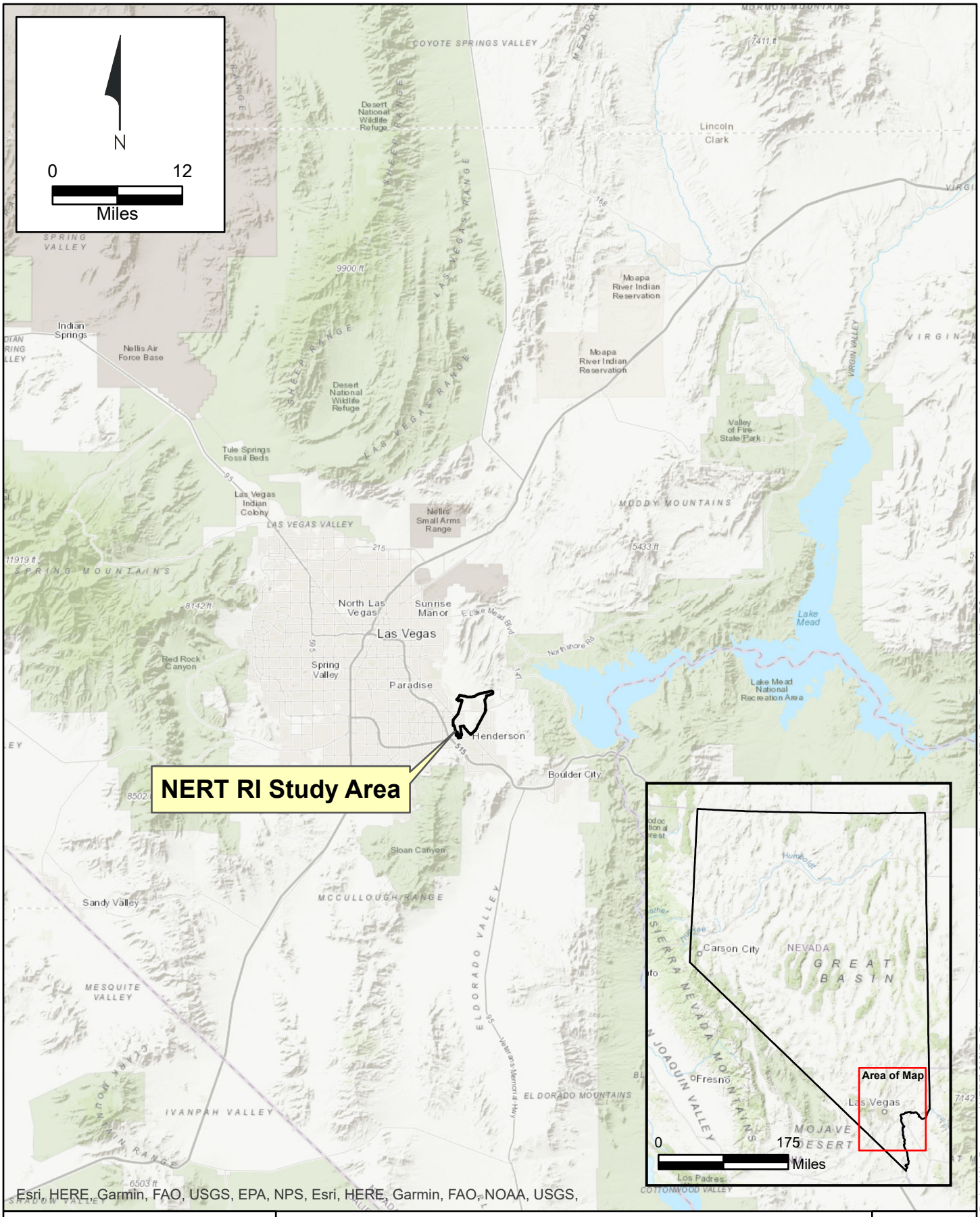
ECO DU-2		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**	
Group	Chemical	HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)	
		NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless
OCP	alpha-BHC	0.003	0.0008	0.0007	0.0003	0.003	0.0009	0.006	0.001	0.002	0.001	0.002	0.001	0.0003	0.0001	0.00006	0.00002	0.001	0.0006
OCP	Endrin	0.04	0.004	0.0003	0.0003	0.05	0.005	0.08	0.008	0.001	0.001	0.0009	0.0009	0.0001	0.0001	0.002	0.0002	0.0005	0.0005
OCP	Methoxychlor	0.004	0.002	0.003	0.001	0.005	0.003	0.009	0.004	0.01	0.005	0.009	0.004	0.002	0.0008	0.0003	0.0002	0.004	0.002
SVOC	2-Chlorophenol	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

ECO DU-3		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**	
Group	Chemical	HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)	
		NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless
OCP	alpha-BHC	0.003	0.0008	0.0007	0.0003	0.003	0.0009	0.006	0.001	0.002	0.001	0.002	0.001	0.0003	0.0001	0.00006	0.00002	0.001	0.0006
OCP	Endrin	0.04	0.004	0.0003	0.0003	0.05	0.005	0.08	0.008	0.001	0.001	0.0009	0.0009	0.0001	0.0001	0.002	0.0002	0.0005	0.0005
OCP	Methoxychlor	0.004	0.002	0.003	0.001	0.005	0.003	0.009	0.004	0.01	0.005	0.009	0.004	0.002	0.0008	0.0003	0.0002	0.004	0.002
SVOC	2-Chlorophenol	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Parcel E		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**		**MAX**	
Group	Chemical	HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)		HQ (AUF = 1)	
		NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless	unitless
OCP	alpha-BHC	0.003	0.0008	0.0007	0.0003	0.003	0.0009	0.006	0.001	0.002	0.001	0.002	0.001	0.0003	0.0001	0.00006	0.00002	0.001	0.0006
OCP	Endrin	0.04	0.004	0.0003	0.0003	0.05	0.005	0.08	0.008	0.001	0.001	0.0009	0.0009	0.0001	0.0001	0.002	0.0002	0.0005	0.0005
OCP	Methoxychlor	0.004	0.002	0.003	0.001	0.005	0.003	0.009	0.004	0.01	0.005	0.009	0.004	0.002	0.0008	0.0003	0.0002	0.004	0.002
SVOC	2-Chlorophenol	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Notes:
AUF = Area use factor
BHC = Hexachlorocyclohexane
DU = Decision unit
HQ = Hazard quotient
LOAEL = Lowest observed adverse effect level
MAX = Maximum detected concentration
NC = No criterion.
NOAEL = No observed adverse effect level
OCP = Organochlorine pesticides
VOC = Volatile organic compounds

FIGURES



RAMBOLL

NERT RI Study Area Location Map
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
ES-1

Drafter: RS | Date: 2023-12-06 | Contract Number: 1690029369 | Approved by: | Revised:

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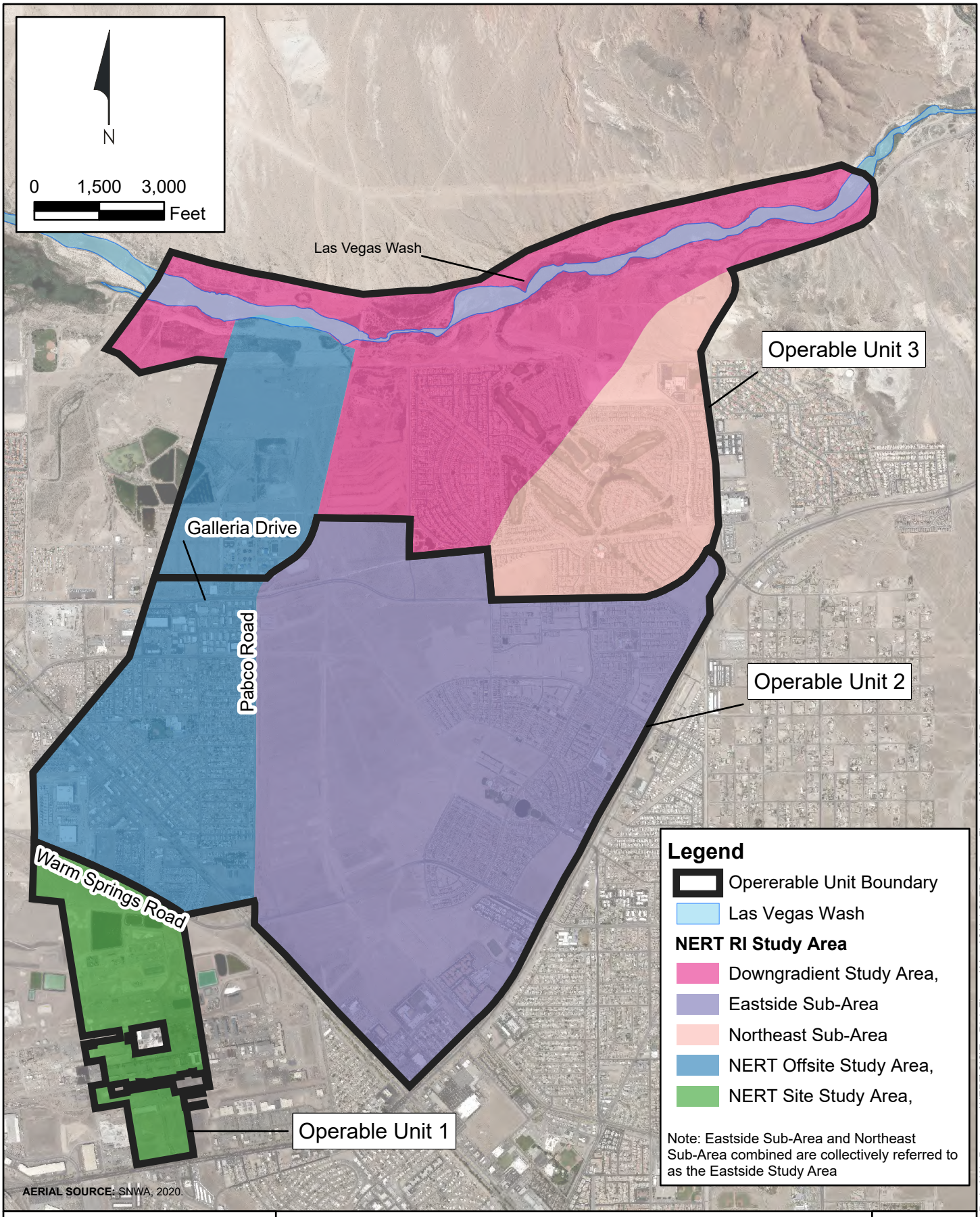

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RAMBOLL

NERT Operable Units and RI Study Areas
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
ES-2

Drafter: RS/JC Date: 2023-12-11 Contract Number: 1690029369 Approved by: Revised:

WARM SPRINGS RD

Parcel E

Former Parcel D

Former Parcel C

Former Beta Ditch

Former Parcel F

Former Parcel G

Former Parcel H

LAKE MEAD PARKWAY

N

0 200 400

Feet

Legend

- OU-1 Boundary
- Sale Parcel Boundary
- OU-1 Refined SLERA Area
- Operations Area
- Former Ditch

AERIAL SOURCE: SNWA, 2020.

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RAMBOLL

OU-1 Refined SLERA Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
ES-3

Drafter: RS/JC	Date: 2023-12-06	Contract Number: 1690029369	Approved by:	Revised:

WARM SPRINGS RD

Parcel E

Former Parcel D

Former Parcel C

Eco DU-1

Eco DU-3

Former Parcel F

Former Parcel G

Eco DU-2

Former Parcel H

LAKE MEAD PARKWAY

N

0 200 400

Feet

Legend

- OU-1 Boundary
- Sale Parcel Boundary
- OU-1 Refined SLERA Area
- Operations Area

Decision Units

- Eco DU-1
- Eco DU-2
- Eco DU-3
- Excavation Control Area (ECA)

Notes:

The Operations Area includes the combined area of Eco DU-1, Eco DU-2, and Eco DU-3.

The OU-1 Refined SLERA Study Area includes the Operations Area and Parcel E.

ECAs in the interior of the Site that contain no significant attractive features for wildlife and therefore wildlife would not forage or nest there were excluded from the Refined SLERA. Those ECAs that are at or near the boundary of the Site (i.e. in Eco DU-1) and have vegetation or other features that are potentially attractive to wildlife were considered in the refined SLERA.

AERIAL SOURCE: SNWA, 2020.

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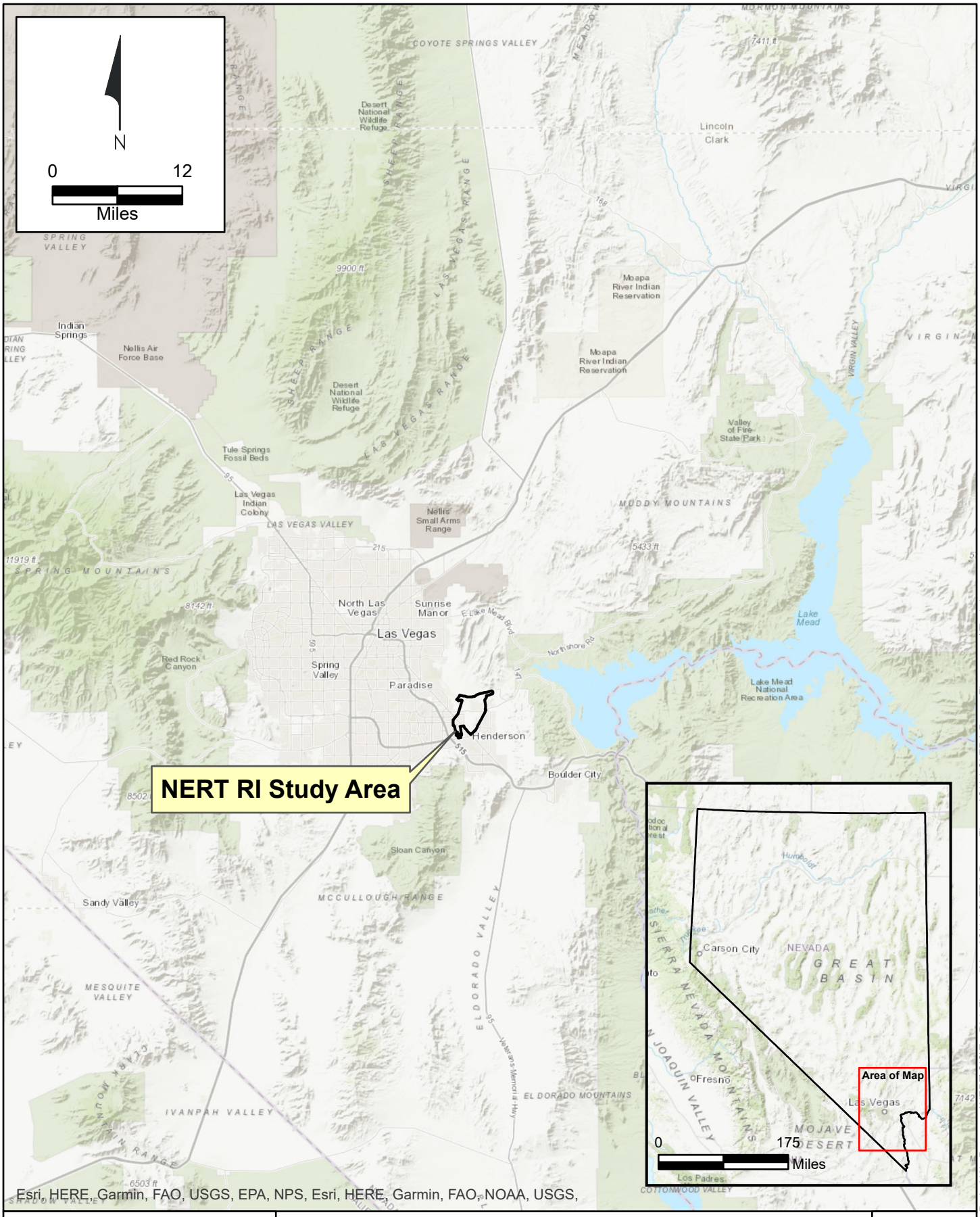
RAMBOLL

OU-1 Refined SLERA Ecological Decision Units
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
ES-4

Drafter: RS/JC	Date: 2023-12-06	Contract Number: 1690029369	Approved by:	Revised:



NERT RI Study Area Location Map
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
1-1

Drafter: RS | Date: 2023-12-06 | Contract Number: 1690029369 | Approved by: | Revised:

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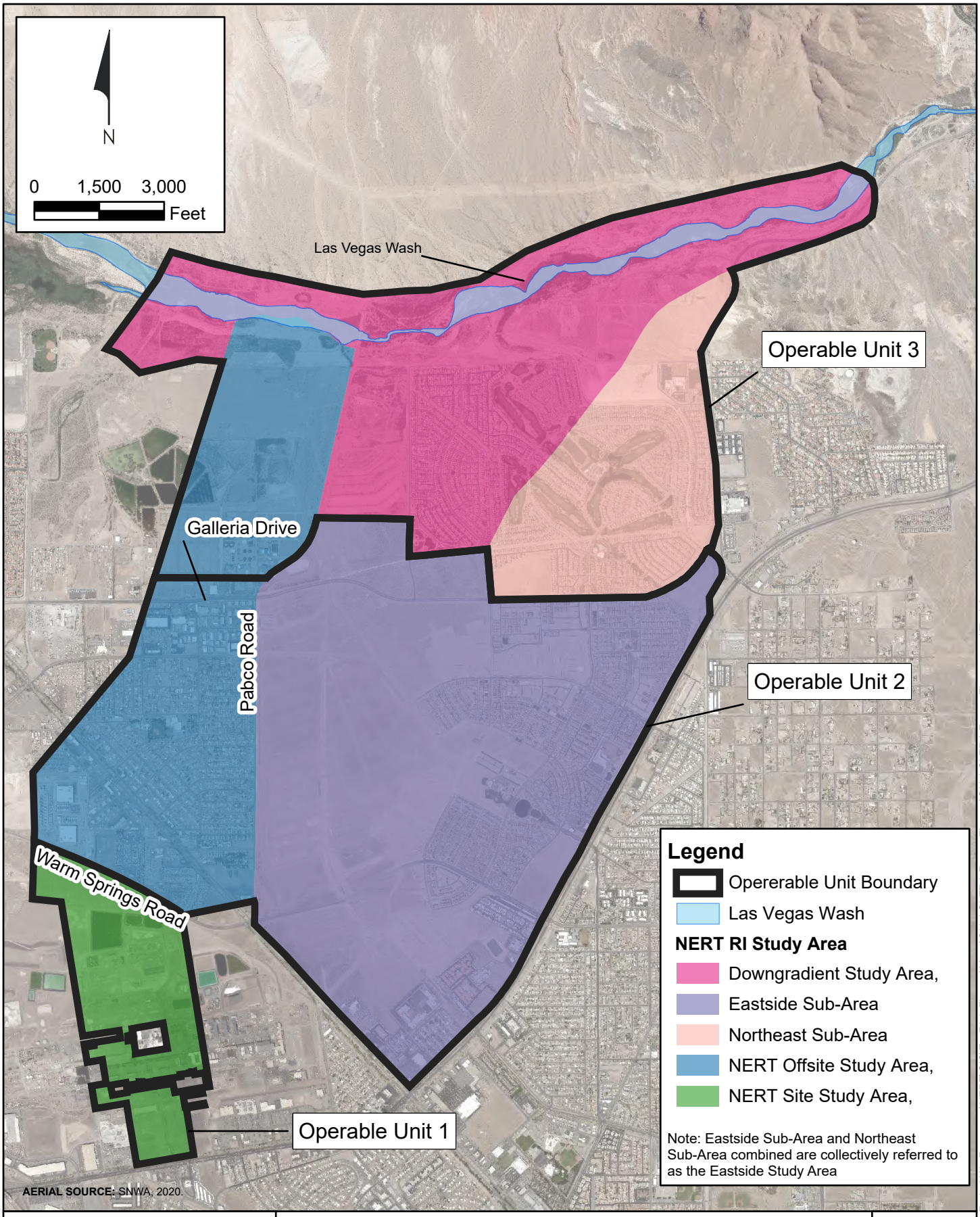

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RAMBOLL

NERT Operable Units and RI Study Areas
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
1-2a

Drafter: RS/JC Date: 2023-12-11 Contract Number: 1690029369 Approved by: Revised:

N

0 1,250 2,500

Feet

Operable Unit 3

Operable Unit 2

Operable Unit 1

Broadbent Blvd

N Boulder Hwy

E Sunset Rd

W Sunset Rd

W Warm Springs Rd

582

515

564

N Water St

E Lake Mead Dr

Burkholder Blvd

E Pacific Ave

S Boulder Hwy

S Water St

W Van Wagenen St

E Van Wagenen St

S Major Ave

W Horizon Ridge Pkwy

W Pacific Ave

Greenway Rd

E Horizon Dr

E Horizon Dr

Legend

Operable Units

Master-Planned Community Boundary

Land Use

Business/Industrial

Commercial

Public and Semi-Public Space

Residential

Planned Community (Under Development*)

AERIAL SOURCE: SNWA, 2020.
LAND OWNERSHIP: CLARK COUNTY, 2023.

*** As of February 2023, approximately 60% of the Master-Planned Community has been developed.**

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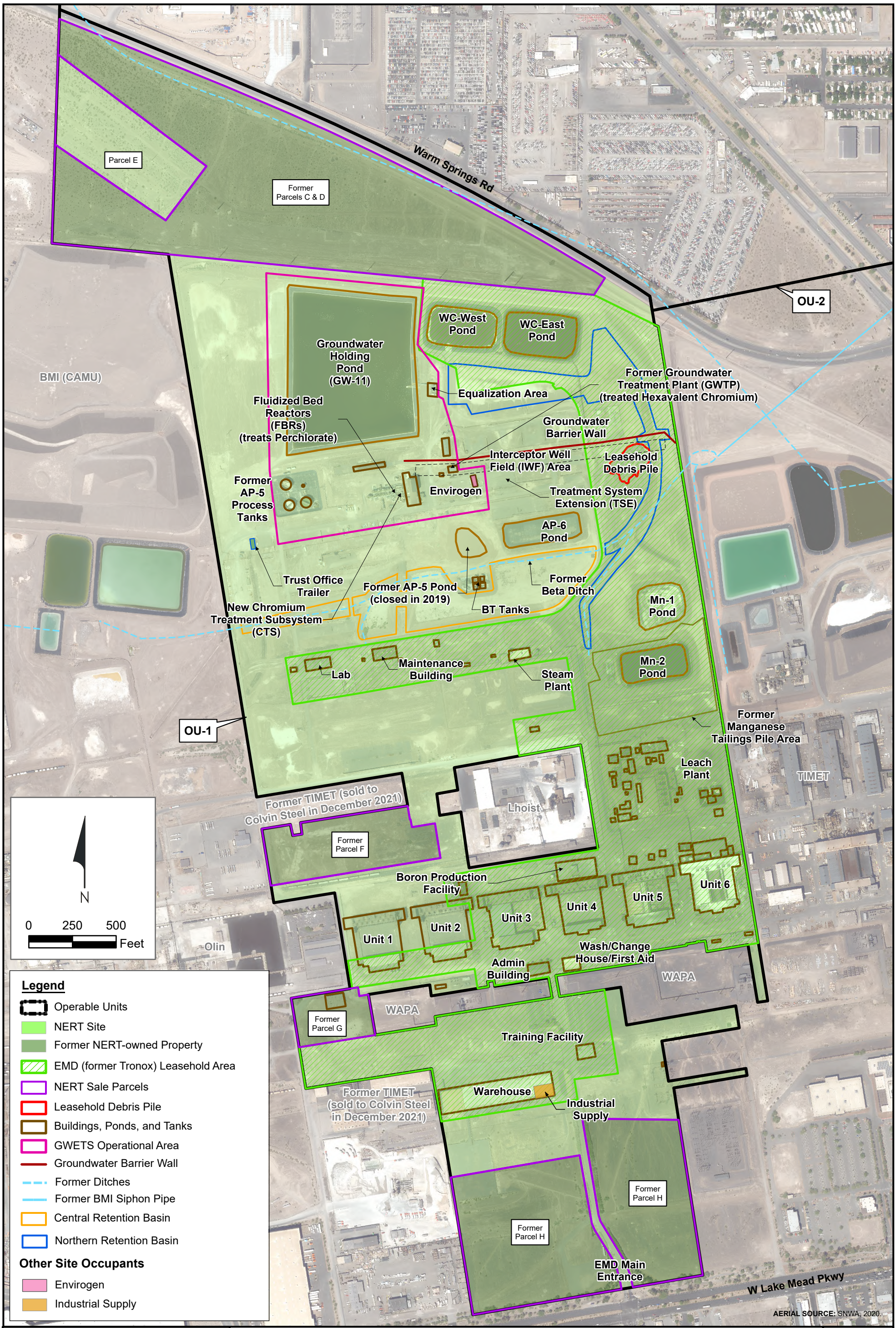
RAMBOLL

Site Vicinity Land Use Map
Nevada Environmental Response Trust Site
Henderson, Nevada

DRAFT

Figure
1-2b

Drafter: JC/MS	Date: 2023-12-06	Contract Number: 1690029369	Approved by:	Revised:

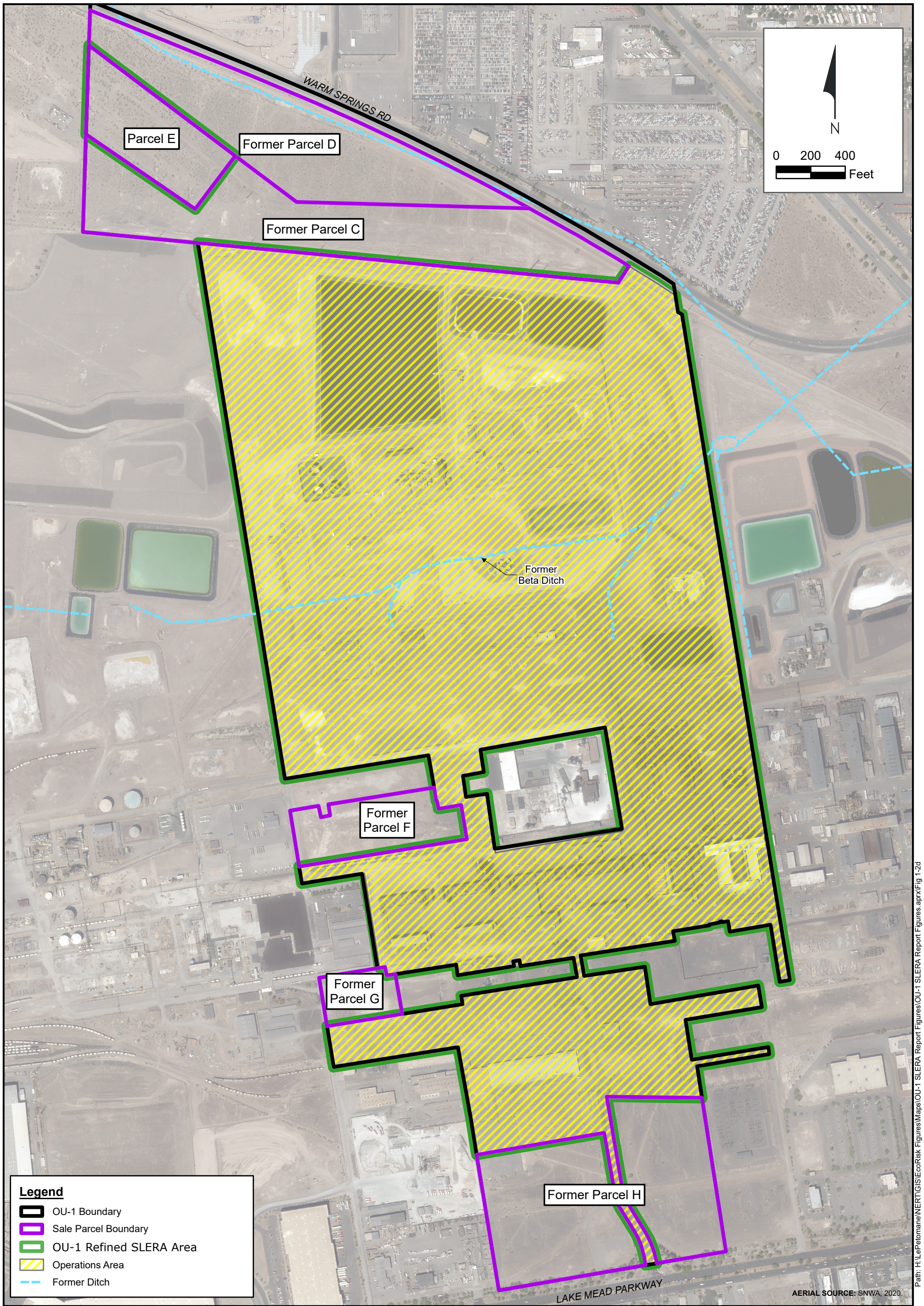


RAMBOLL

OU-1 Features
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
1-2c

Drafter: RS/JC	Date: 2023-12-14.	Contract Number: 1690029369	Approved by:	Revised:



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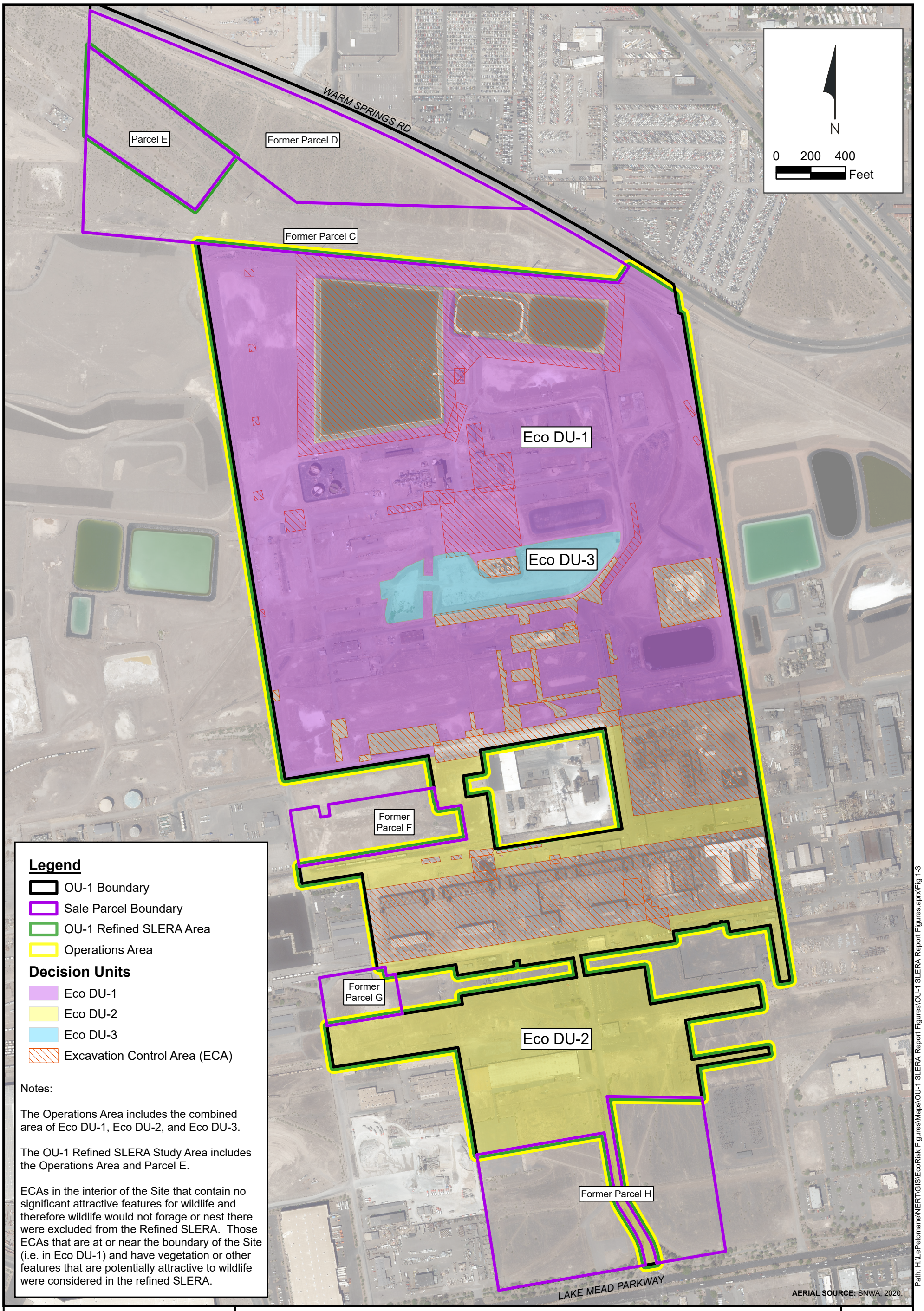
RAMBOLL

OU-1 Refined SLERA Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
1-2d

Drafter: RS/JC	Date: 2023-12-06	Contract Number: 1690029369	Approved by:	Revised:



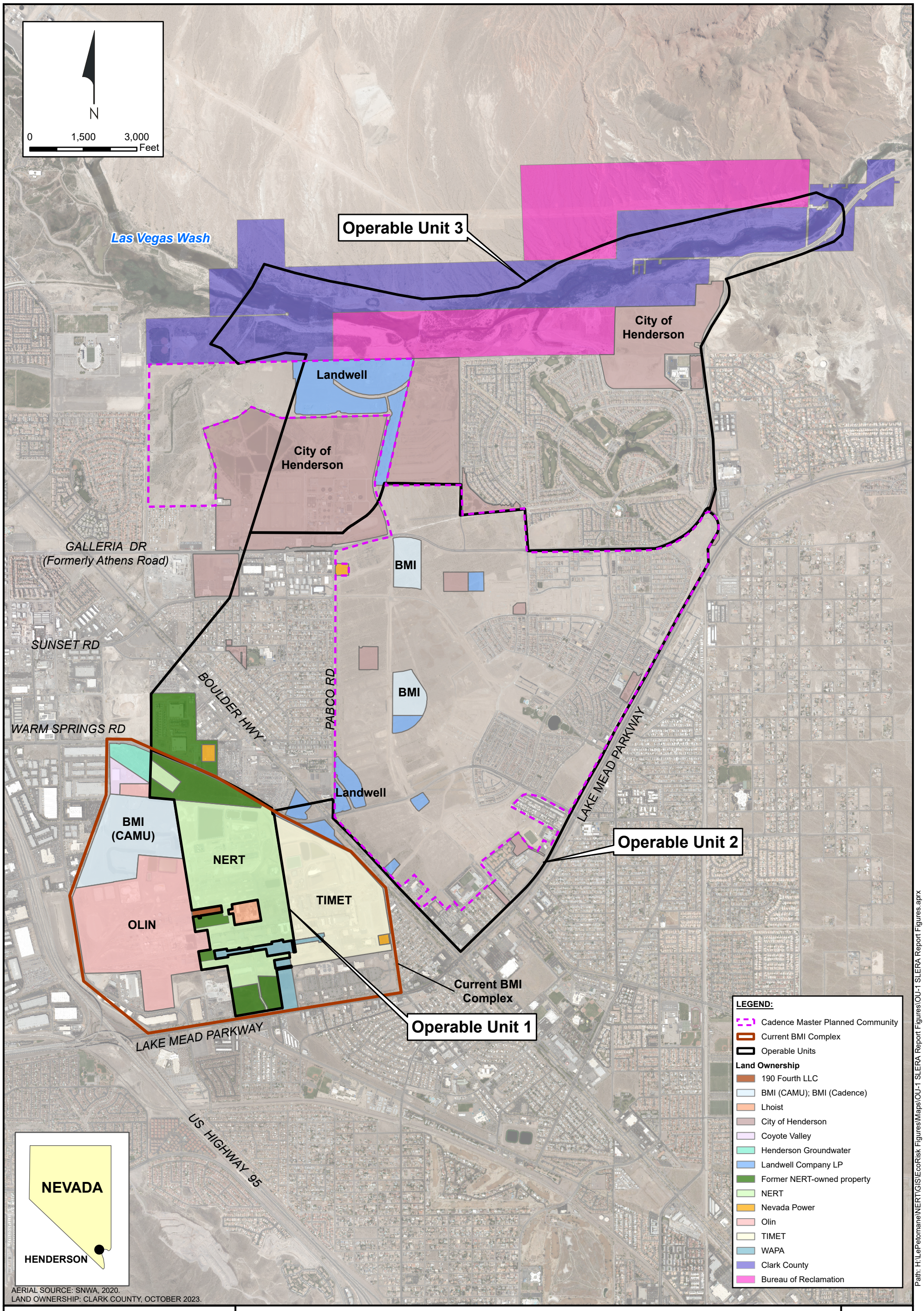
RAMBOLL

OU-1 Refined SLERA Ecological Decision Units
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
1-3

Drafter: RS/JC	Date: 2023-12-06	Contract Number: 1690029369	Approved by:	Revised:

DRAFT



AERIAL SOURCE: SNWA, 2020.
LAND OWNERSHIP: CLARK COUNTY, OCTOBER 2023.

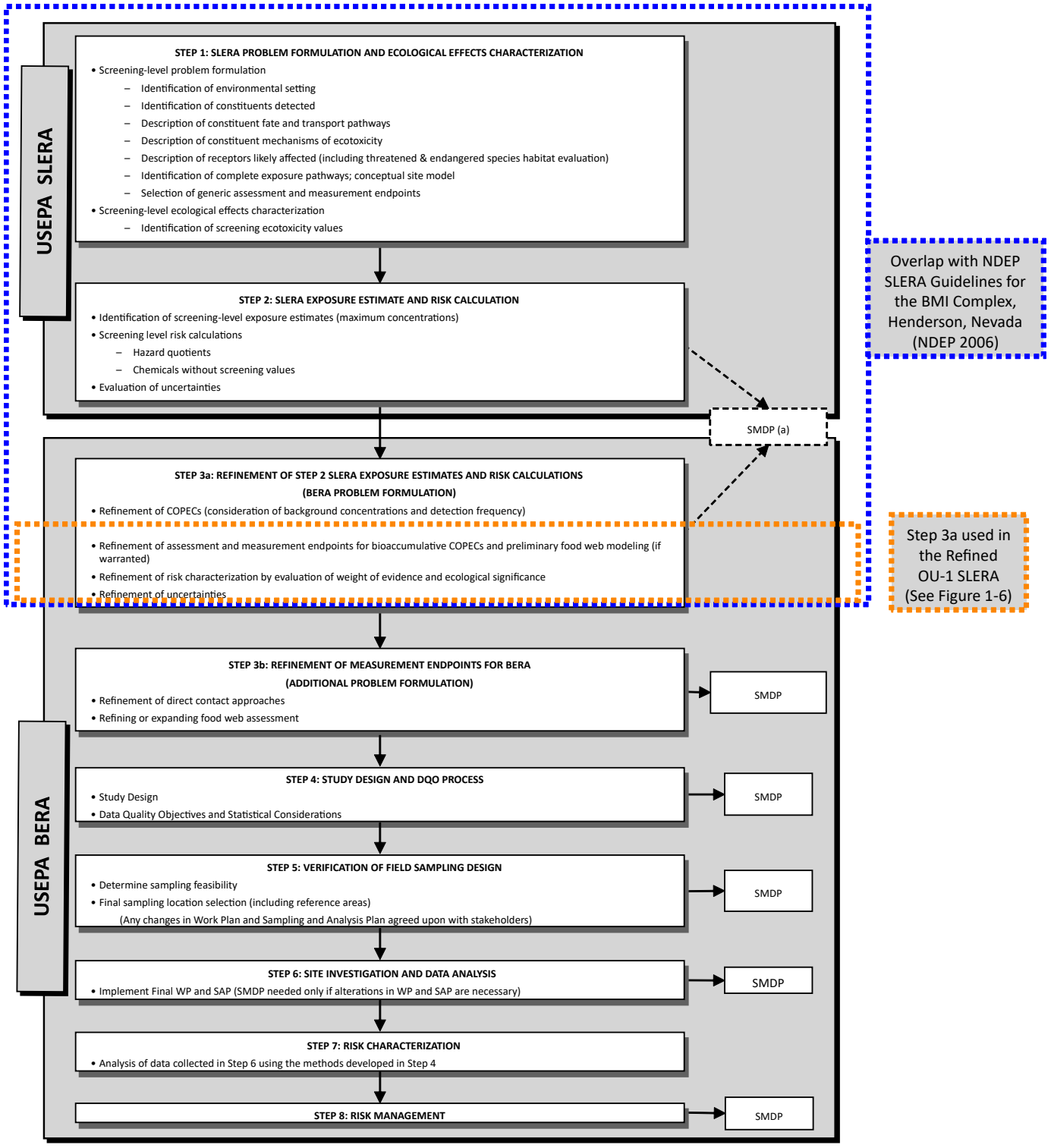
Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\Maps\OU-1 SLERA Report Figures\OU-1 SLERA Report Figures.aprx

RAMBOLL

Major Land Ownership in the RI Study Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
1-4

Drafter: JC | Date: 2023-12-06 | Contract Number: 1690029369 | Approved by: | Revised:



Notes:

(a) SMDP occurs EITHER after Step 2 or after Step 3a

COPECs Constituents of Potential Ecological Concern

DQO Data Quality Objectives

GW Groundwater

NDEP Nevada Division of Environmental Protection

SAP Sampling and Analysis Plan

SW/SD Surface water and sediment

WP Work Plan

Sources: USEPA Process Adapted from USEPA, 1997, 2000, 2001
NDEP 2006. Screening-Level Ecological Risk Assessment Guidelines for the BMI Complex, Henderson, Nevada. September.

SMDP Scientific Management Decision Point [Note that SMDPs do not identify formal reporting requirements, but identify when stakeholder communication should be considered]

BERA Baseline ERA

SLERA Screening-level ERA

USEPA United States Environmental Protection Agency

USEPA 1997. Ecological Risk Assessment Guidance for Superfund.

USEPA 2000. Amended Guidance on Ecological Risk Assessment at Military Bases: Process Considerations, Timing of Activities, and Inclusion of Stakeholders .

USEPA 2001. ECO-Update: Role of Screening-level Risk Assessments and Refining Contaminants of Concern in Baseline Ecological Risk Assessments.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\Maps\OU-1 SLERA Report Figures\OU-1 SLERA Report Figures.aprx\Fig 1-5

RAMBOLL

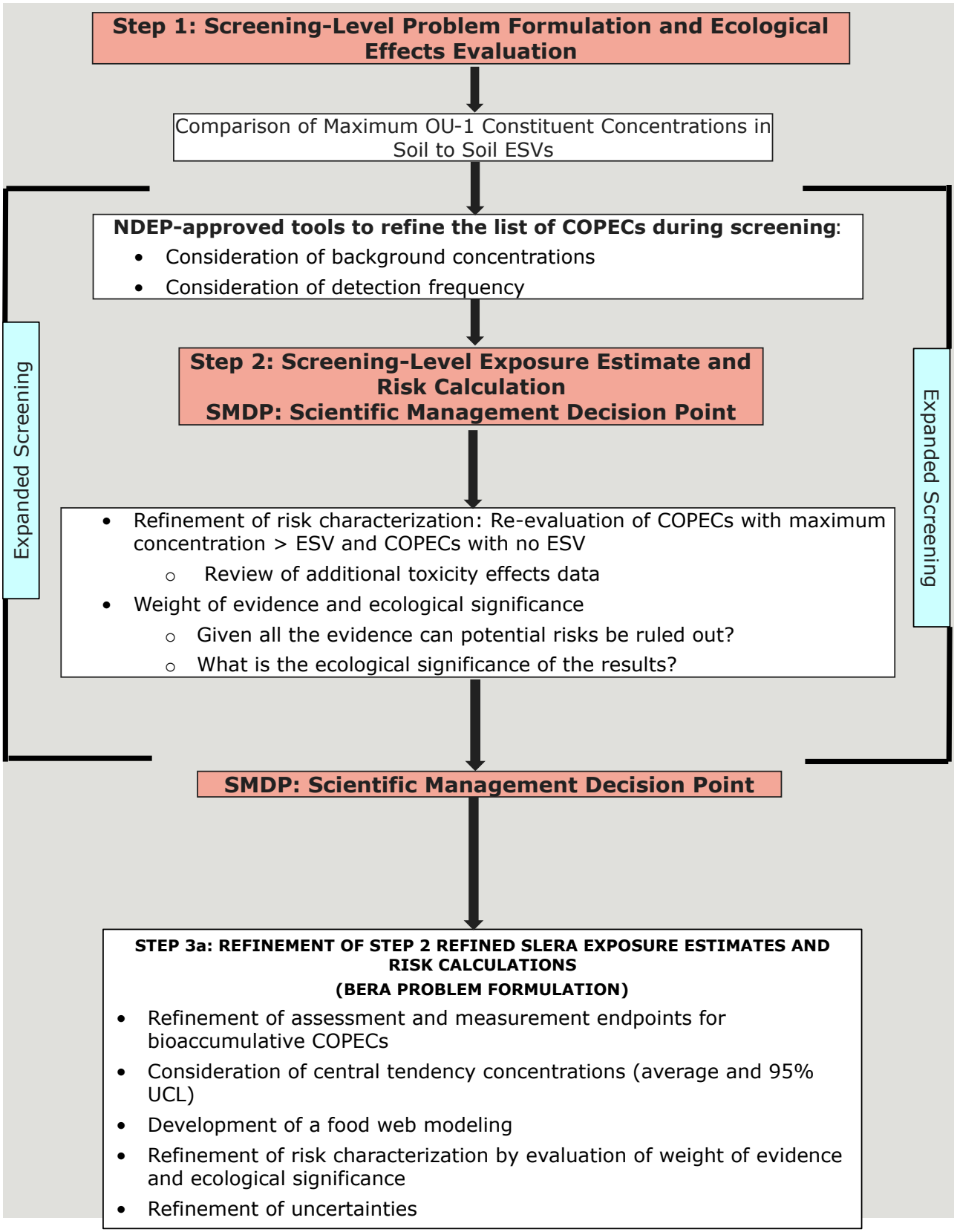
USEPA Eight-Step Ecological Risk Assessment Process and Overlap with NDEP SLERA Process

Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **1-5**

Drafter: RS | Date: 2023-12-06 | Contract Number: 1690029369 | Approved by: | Revised:

Ecological Risk Assessment Process Steps 1-3a Used in the OU-1 SLERA
Applying Elements of USEPA's Eight-Step ERA Process and NDEP Screening Guidance



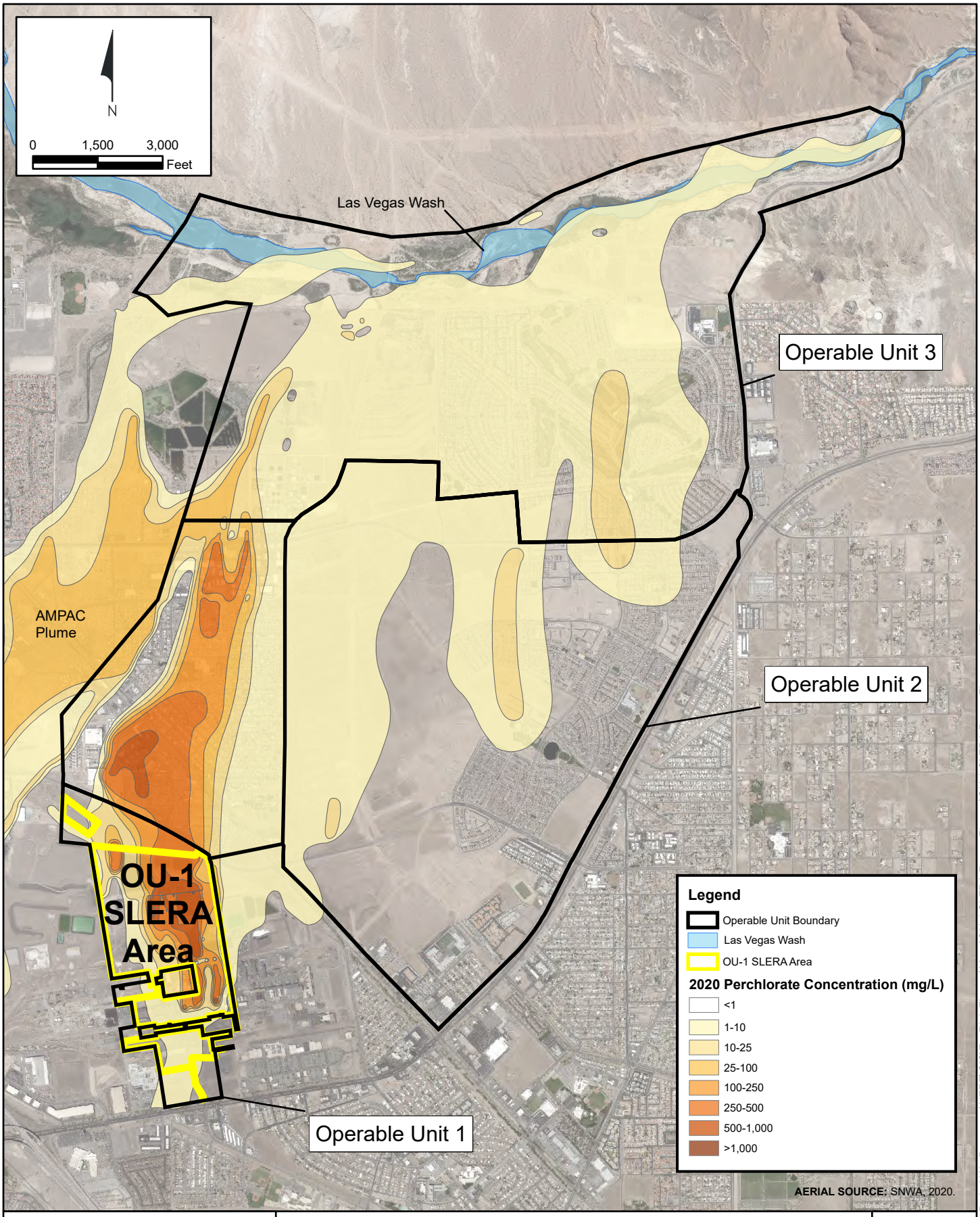
Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\Maps\OU-1 SLERA Report Figures\OU-1 SLERA Report Figures.aprx\Fig 1-6

RAMBOLL

Ecological Risk Assessment Process Steps 1-3a used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **1-6**

Drafter: RS | Date: 2023-12-06 | Contract Number: 1690029369 | Approved by: | Revised:



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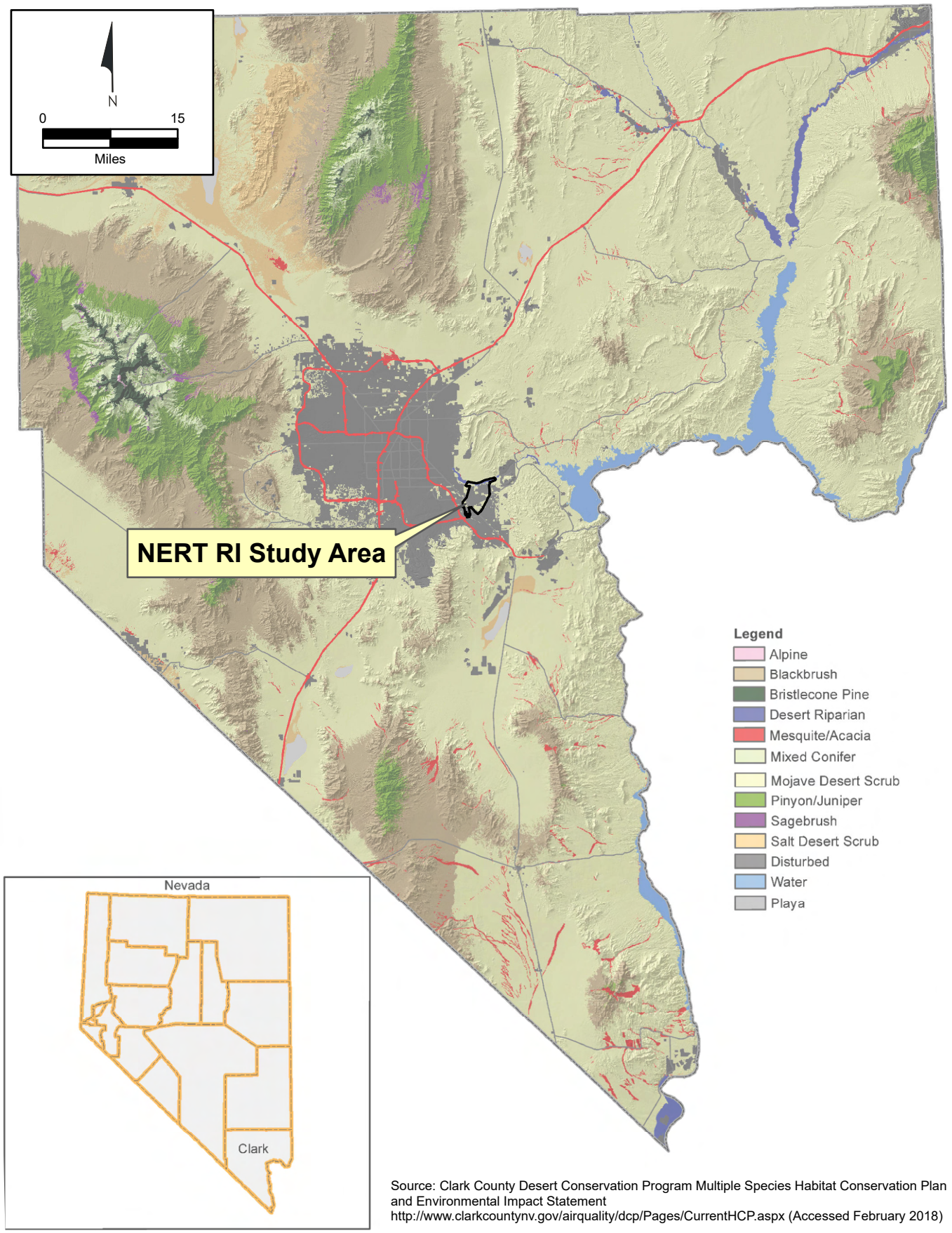
RAMBOLL

Perchlorate Groundwater Plume
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
2-1

Drafter: RS/JC | Date: 2023-12-11 | Contract Number: 1690029369 | Approved by: | Revised:



Source: Clark County Desert Conservation Program Multiple Species Habitat Conservation Plan and Environmental Impact Statement
http://www.clarkcountynv.gov/airquality/dcp/Pages/CurrentHCP.aspx (Accessed February 2018)

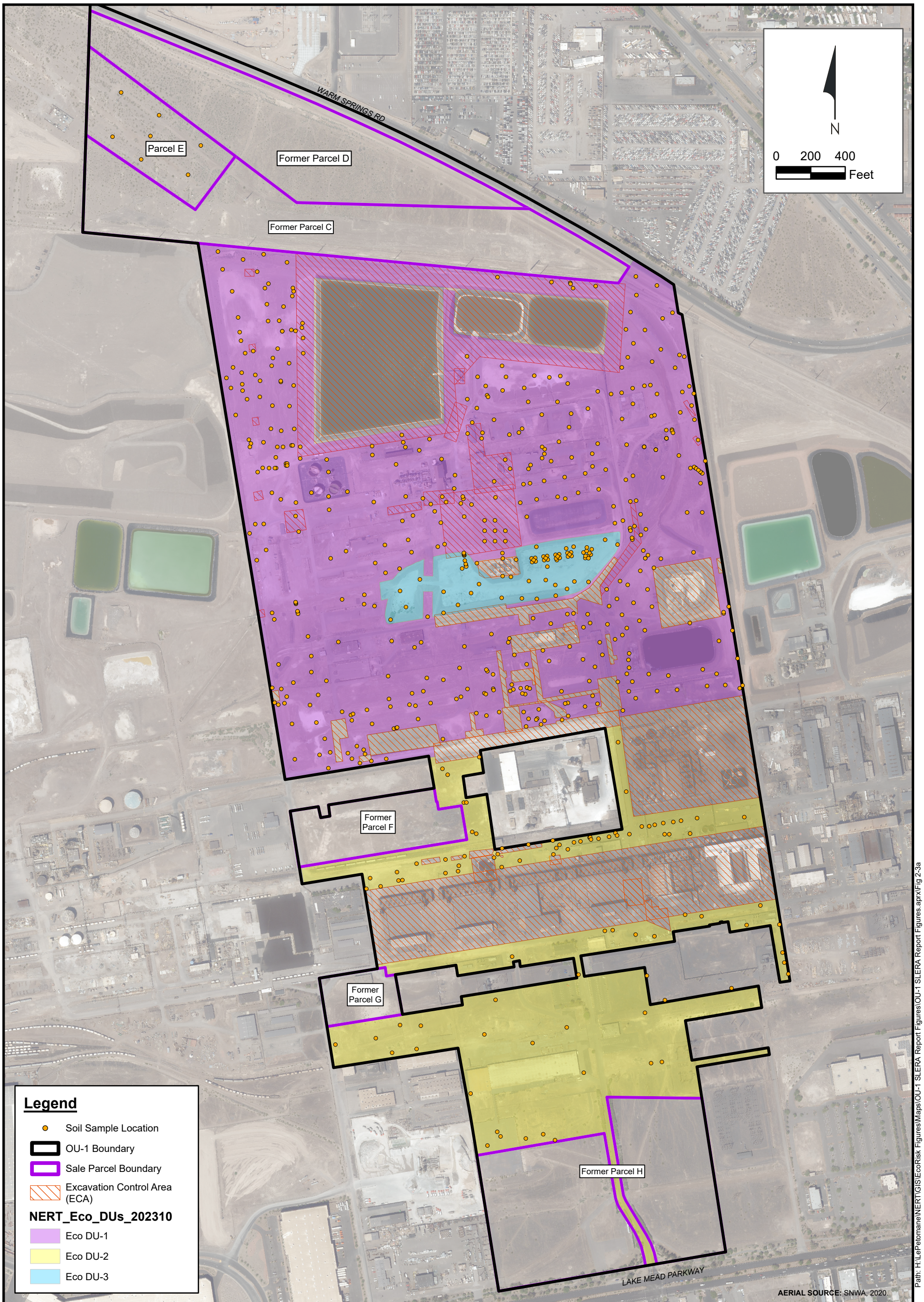
Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\Maps\OU-1 SLERA Report Figures\OU-1 SLERA Report Figures.aprx\Fig 2-2

RAMBOLL

Clark County Ecosystem Distribution Map
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
2-2

Drafter: RS | Date: 2023-12-06 | Contract Number: 1690029369 | Approved by: | Revised:



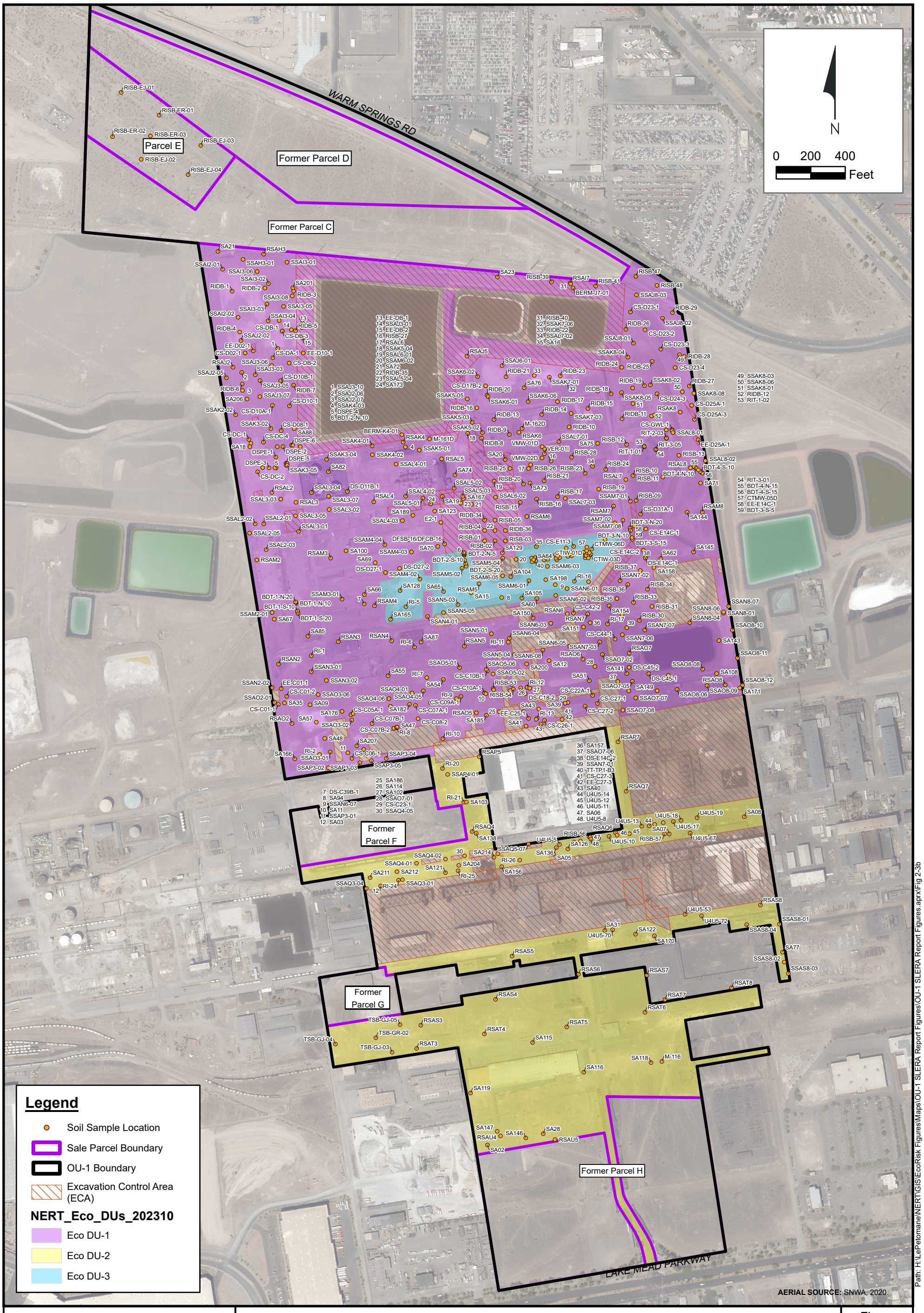
RAMBOLL

Soil Sampling Locations and Ecological Decision Units included in the OU-1 Refined SLERA

Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **2-3a**

Drafter: JC	Date: 2023-12-06	Contract Number: 1690029369	Approved by:	Revised:



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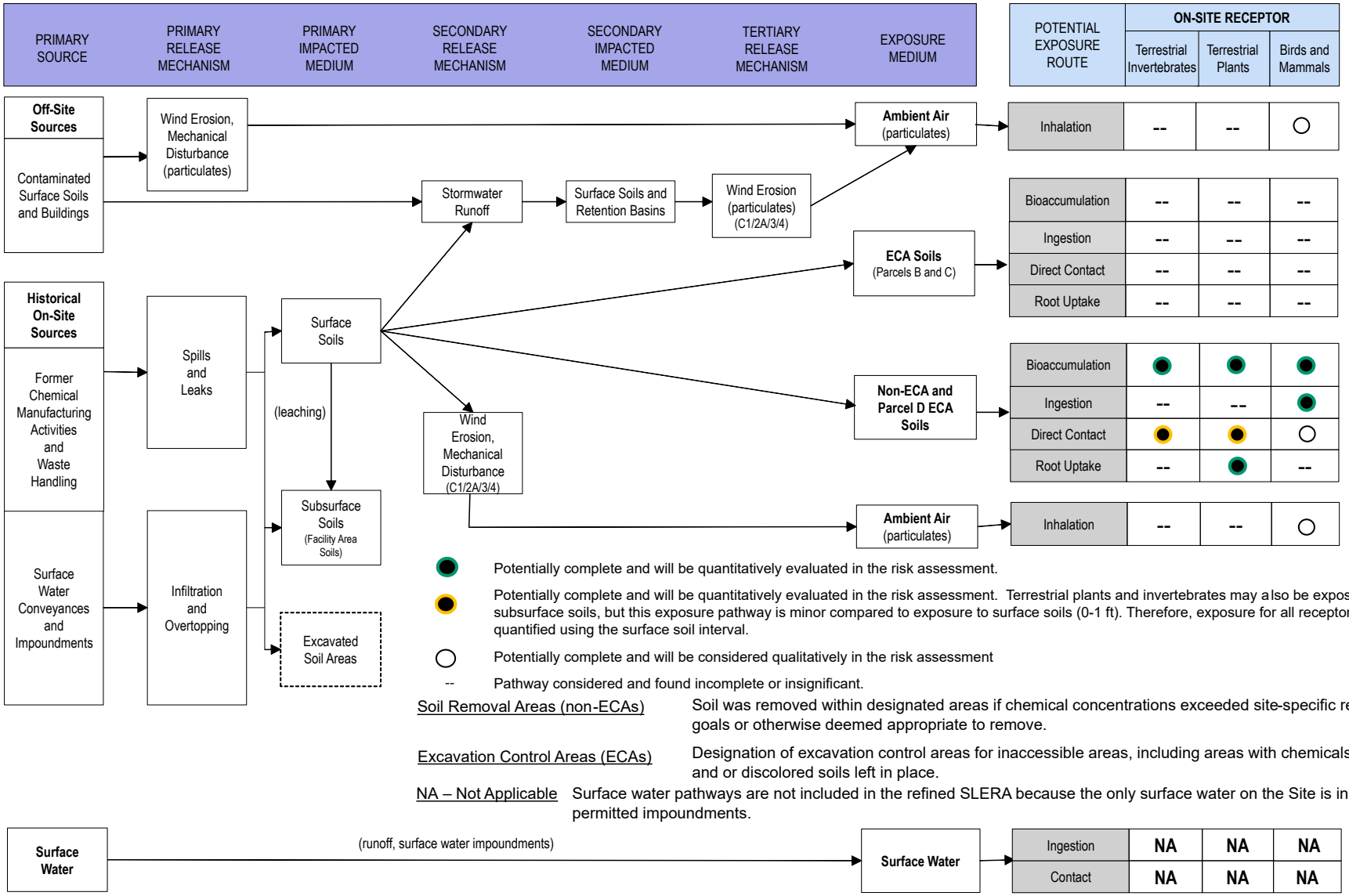
RAMBOLL

Soil Sampling Locations with Sample IDs and Ecological Decision Units included in the OU-1 Refined SLERA

Nevada Environmental Response Trust Site, Henderson, Nevada

Figure **2-3b**

Drafter: JC	Date: 2023-12-06	Contract Number: 1690029369	Approved by:	Revised:



RAMBOLL

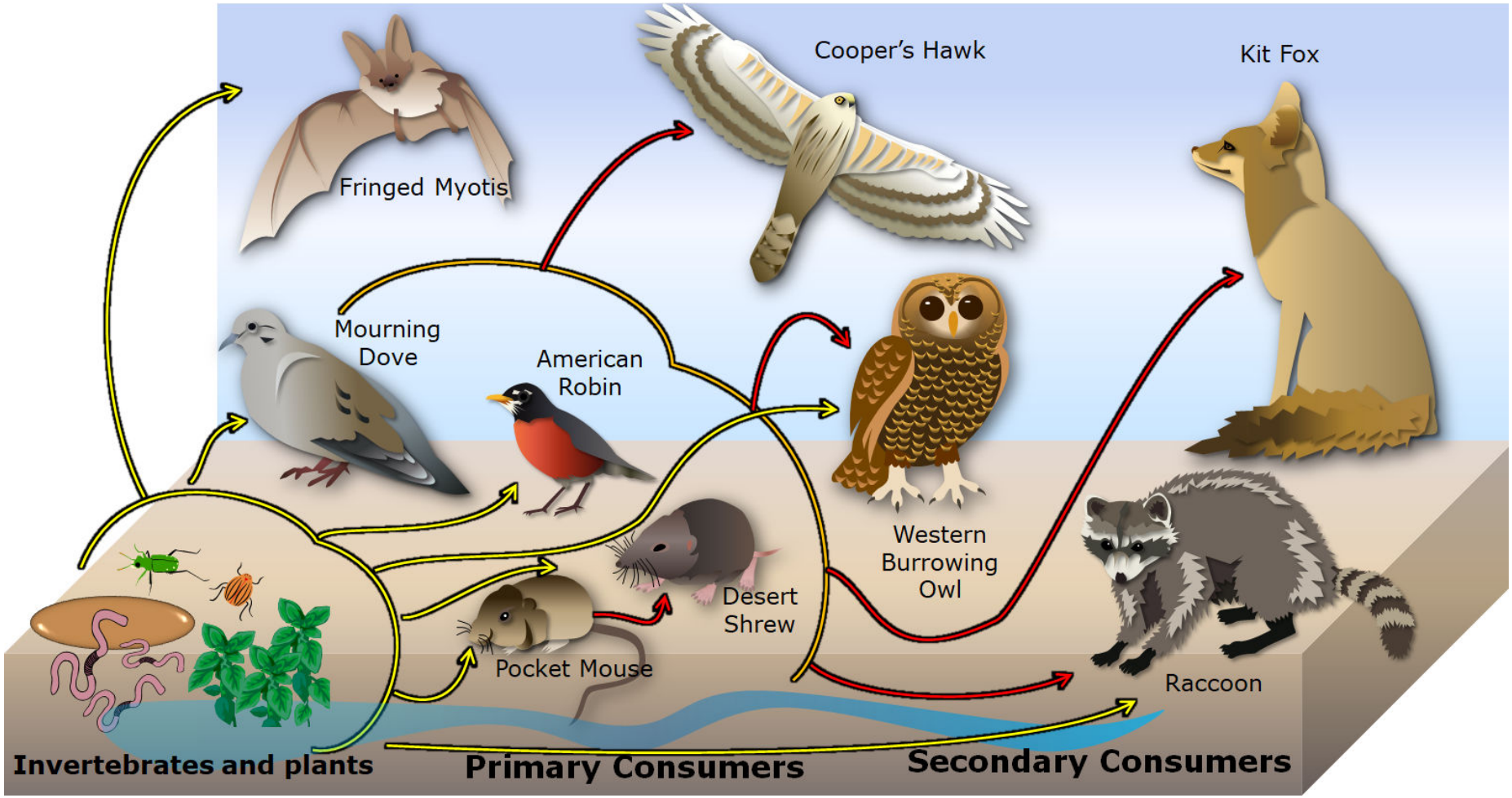
Ecological Conceptual Site Model for the OU-1 Refined SLERA Area

Nevada Environmental Response Trust Site
Henderson, Nevada

Figure **2-4**

Drafter: EL/JC | Date: 2023-12-06 | Contract Number: 1690029369 | Approved by: | Revised:

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\Maps\OU-1 SLERA Report Figures\OU-1 SLERA Report Figures.aprx\Fig 2-4

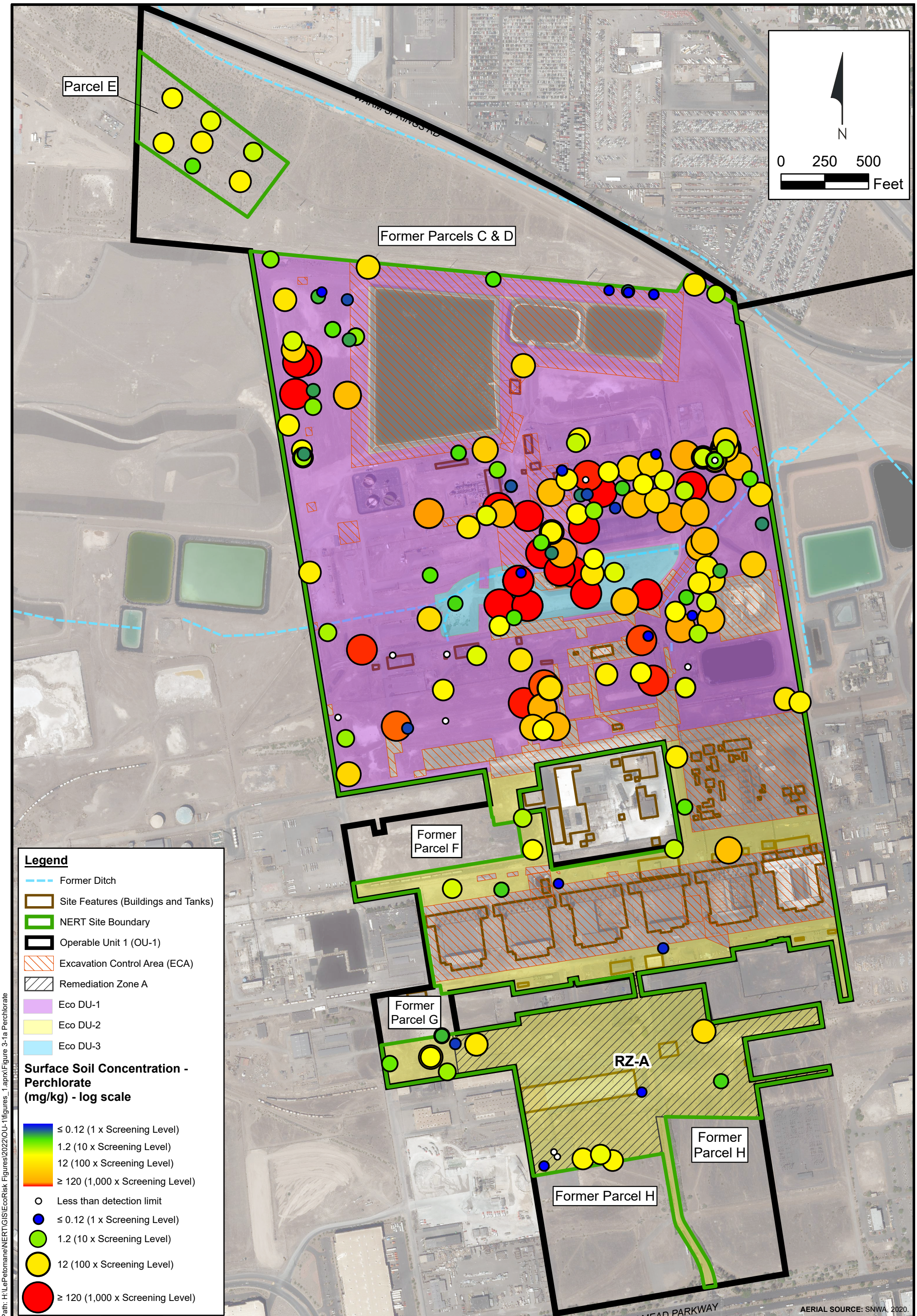


Desert Food Web
Nevada Environmental Response Trust Site
Henderson, Nevada

Figure
2-5

Drafter: PL/JC	Date: 2023-12-06	Contract Number: 1690029369	Approved by:	Revised:

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\Maps\OU-1 SLERA Report Figures\OU-1 SLERA Report Figures.aprx\Fig 2-5



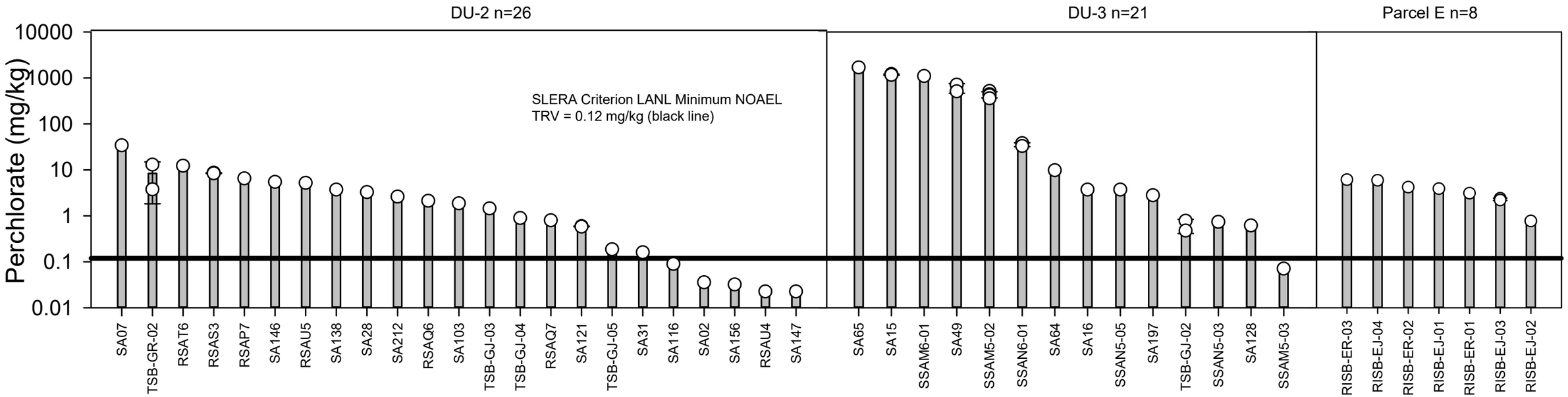
Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-1a Perchlorate

RAMBOLL

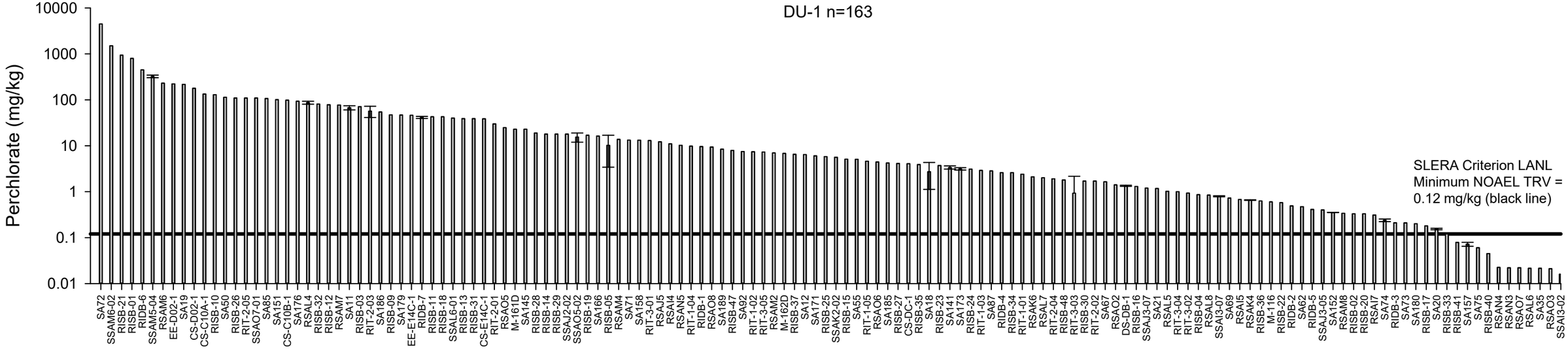
Spatial Surface Soil Concentration Plot for Perchlorate using Conservative ESVs
Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-1a**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



Note: 210 samples in the Operations Area and 8 samples in Parcel E were collected and analyzed for perchlorate. Of the 218 total samples collected in OU-1, 196 samples (90%) exceeded the generic ESV of 0.12 mg/kg.



RAMBOLL

Perchlorate Concentrations by Area (Log Scale) – Screening Assessment

NERT Environmental Response Trust Site

Henderson Nevada

FIGURE

3-1b

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Calculated D/F Mammal TEQ (ND=0.5DL) (mg/kg) - log scale

- ≤ 3.15E-06 (1 x Screening Level)
- 0.0000315 (10 x Screening Level)
- 0.000315 (100 x Screening Level)
- ≥ 0.00315 (1,000 x Screening Level)
- Less than detection limit
- ≤ 3.15E-06 (1 x Screening Level)
- 0.0000315 (10 x Screening Level)
- 0.000315 (100 x Screening Level)
- ≥ 0.00315 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-2a Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)

RAMBOLL

Spatial Surface Soil Concentration Plot for Calculated D/F Mammal TEQ (ND=0.5DL) using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-2a**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Calculated D/F Avian TEQ (ND=0.5DL) (mg/kg) - log scale

- ≤ 1.60E-05 (1 x Screening Level)
- 0.00016 (10 x Screening Level)
- 0.0016 (100 x Screening Level)
- ≥ 0.016 (1,000 x Screening Level)
- Less than detection limit
- ≤ 1.60E-05 (1 x Screening Level)
- 0.00016 (10 x Screening Level)
- 0.0016 (100 x Screening Level)
- ≥ 0.016 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-2b Ramboll Calculated D/F Avian TEQ (ND

RAMBOLL

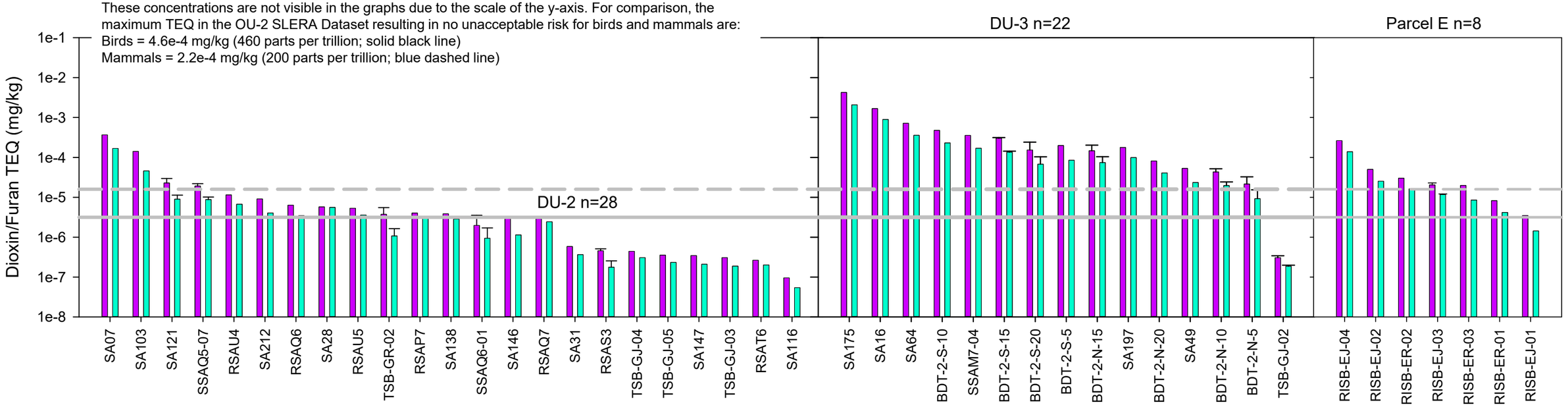
Spatial Surface Soil Concentration Plot for Calculated D/F Avian TEQ (ND=0.5DL) using Conservative ESVs
Nevada Environmental Response Trust, Henderson, Nevada

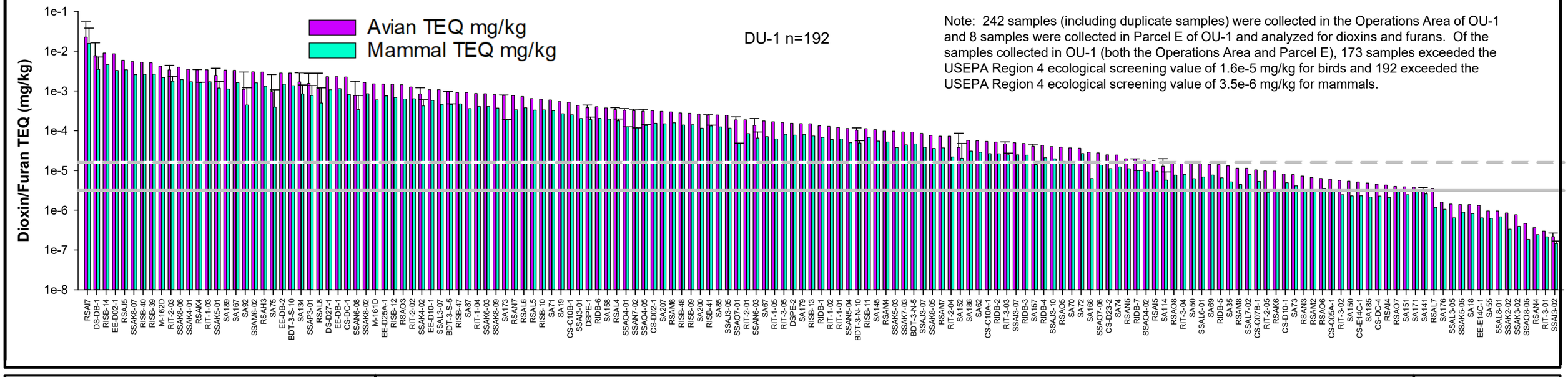
Figure **3-2b**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

ESV R4 (Birds) = 1.6e-5 mg/kg
ESV R4 (Mammals) = 3.5e-6 mg/kg
These concentrations are not visible in the graphs due to the scale of the y-axis. For comparison, the maximum TEQ in the OU-2 SLERA Dataset resulting in no unacceptable risk for birds and mammals are:
Birds = 4.6e-4 mg/kg (460 parts per trillion; solid black line)
Mammals = 2.2e-4 mg/kg (200 parts per trillion; blue dashed line)

Dashed gray line = USEPA Region 4 ecological screening value for birds of 1.6e-5 mg/kg
Solid gray line = USEPA Region 4 ecological screening value for mammals of 3.5e-6 mg/kg





Note: 242 samples (including duplicate samples) were collected in the Operations Area of OU-1 and 8 samples were collected in Parcel E of OU-1 and analyzed for dioxins and furans. Of the samples collected in OU-1 (both the Operations Area and Parcel E), 173 samples exceeded the USEPA Region 4 ecological screening value of 1.6e-5 mg/kg for birds and 192 exceeded the USEPA Region 4 ecological screening value of 3.5e-6 mg/kg for mammals.

RAMBOLL

Dioxin/Furan TEQ Concentrations by Area (Log Scale) – Screening Assessment
NERT Environmental Response Trust Site
Henderson Nevada

FIGURE
3-2c

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Antimony (mg/kg) - log scale

- ≤ 0.27 (1 x Screening Level)
- 2.7 (10 x Screening Level)
- 27 (100 x Screening Level)
- ≥ 270 (1,000 x Screening Level)
- Less than detection limit
- ≤ 0.27 (1 x Screening Level)
- 2.7 (10 x Screening Level)
- 27 (100 x Screening Level)
- ≥ 270 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-3a Antimony

RAMBOLL

Spatial Surface Soil Concentration Plot for Antimony using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-3a**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Arsenic (mg/kg) - log scale

- ≤ 18 (1 x Screening Level)
- 180 (10 x Screening Level)
- 1,800 (100 x Screening Level)
- ≥ 18,000 (1,000 x Screening Level)
- Less than detection limit
- ≤ 18 (1 x Screening Level)
- 180 (10 x Screening Level)
- 1,800 (100 x Screening Level)
- ≥ 18,000 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-3b Arsenic

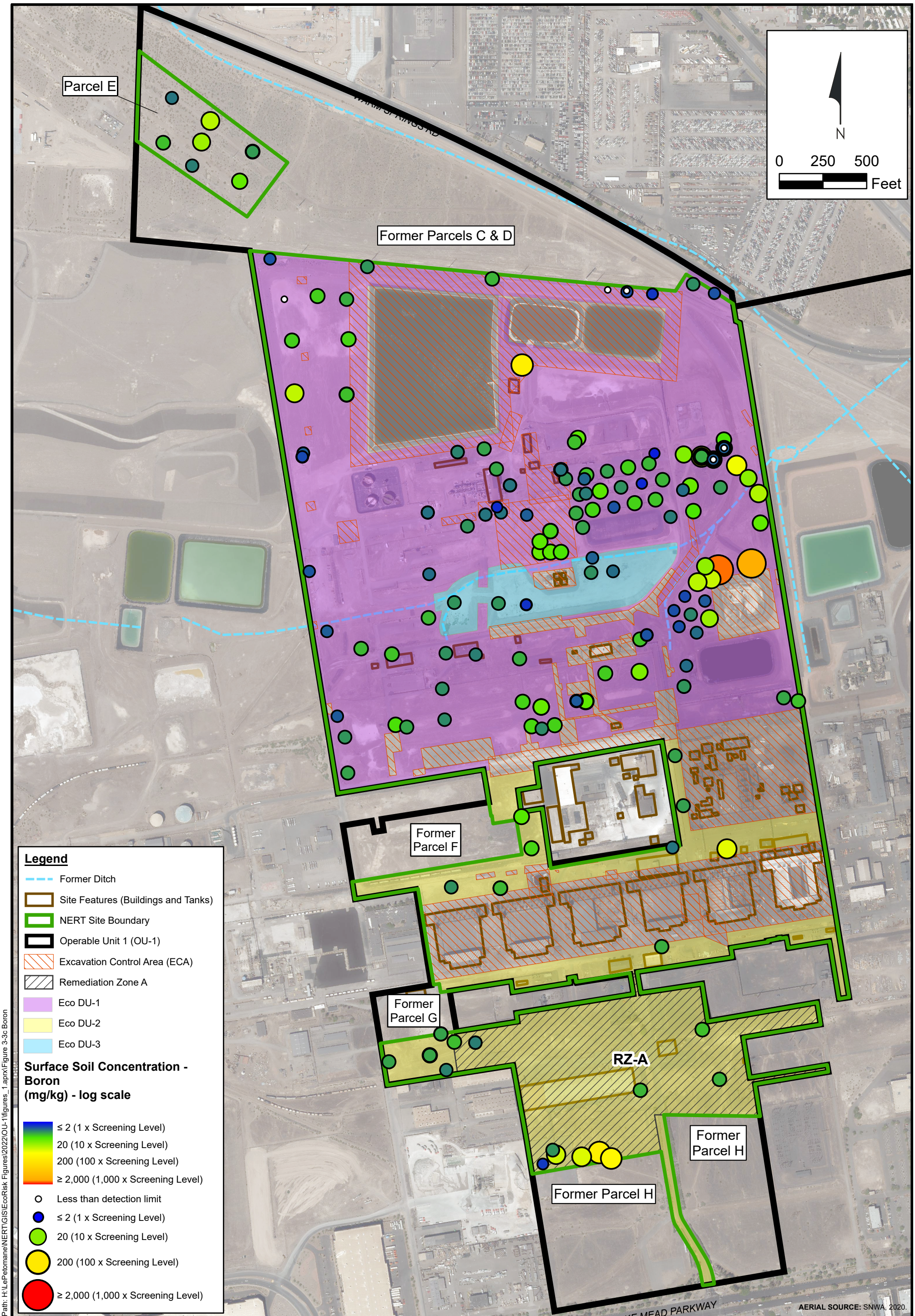
RAMBOLL

Spatial Surface Soil Concentration Plot for Arsenic using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-3b**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-3c Boron

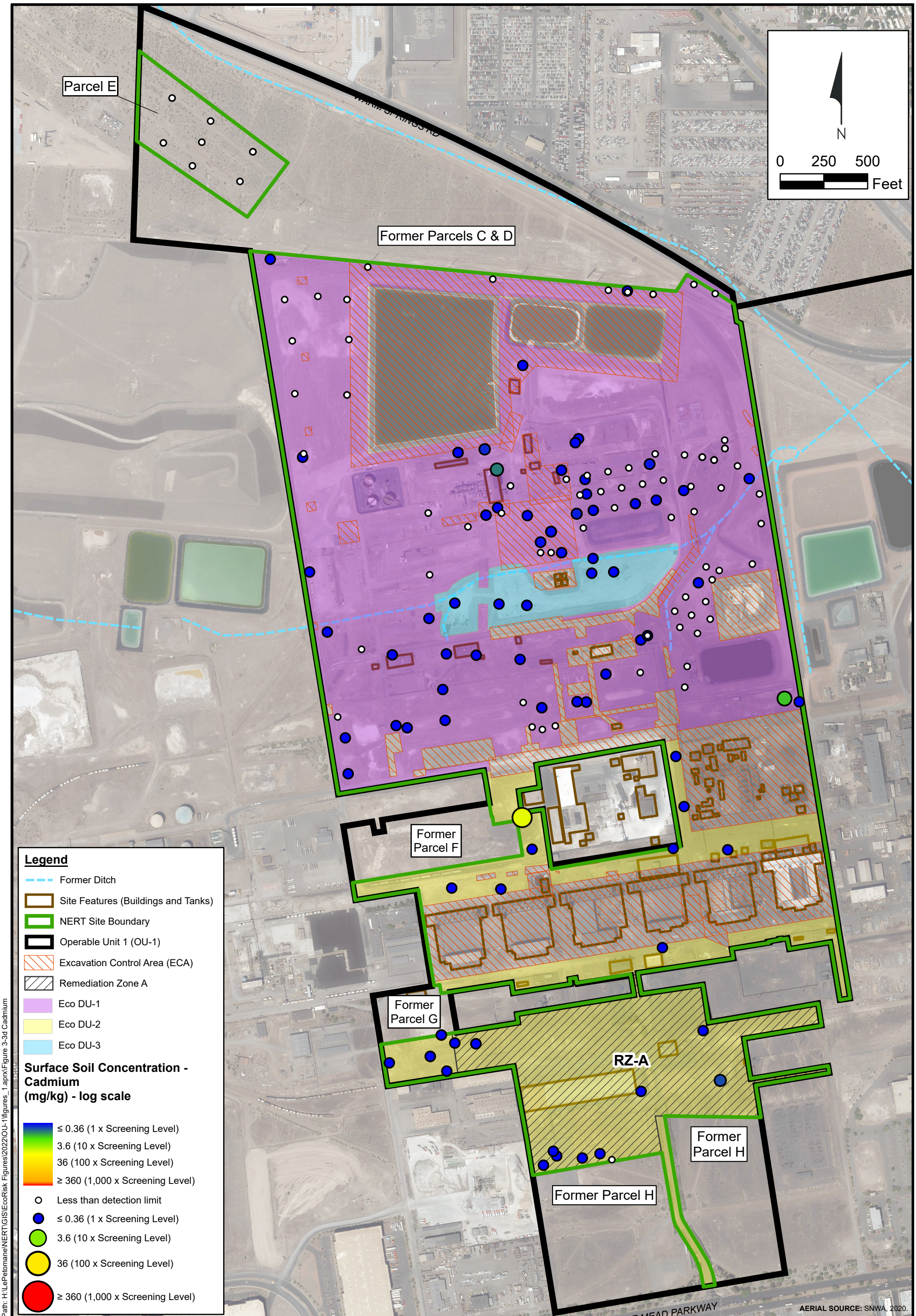
RAMBOLL

Spatial Surface Soil Concentration Plot for Boron using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-3c**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



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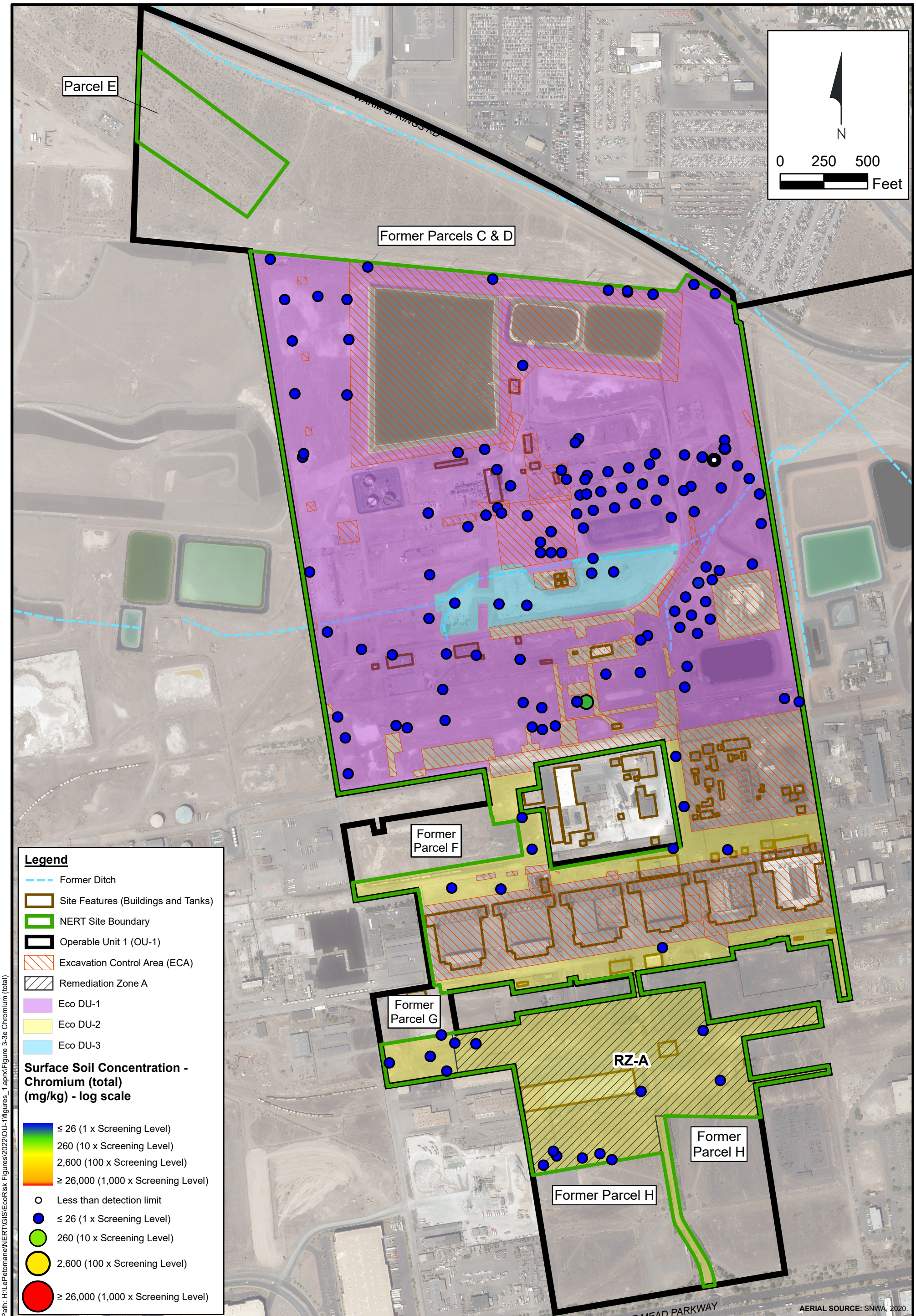
RAMBOLL

Spatial Surface Soil Concentration Plot for Cadmium using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-3d**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



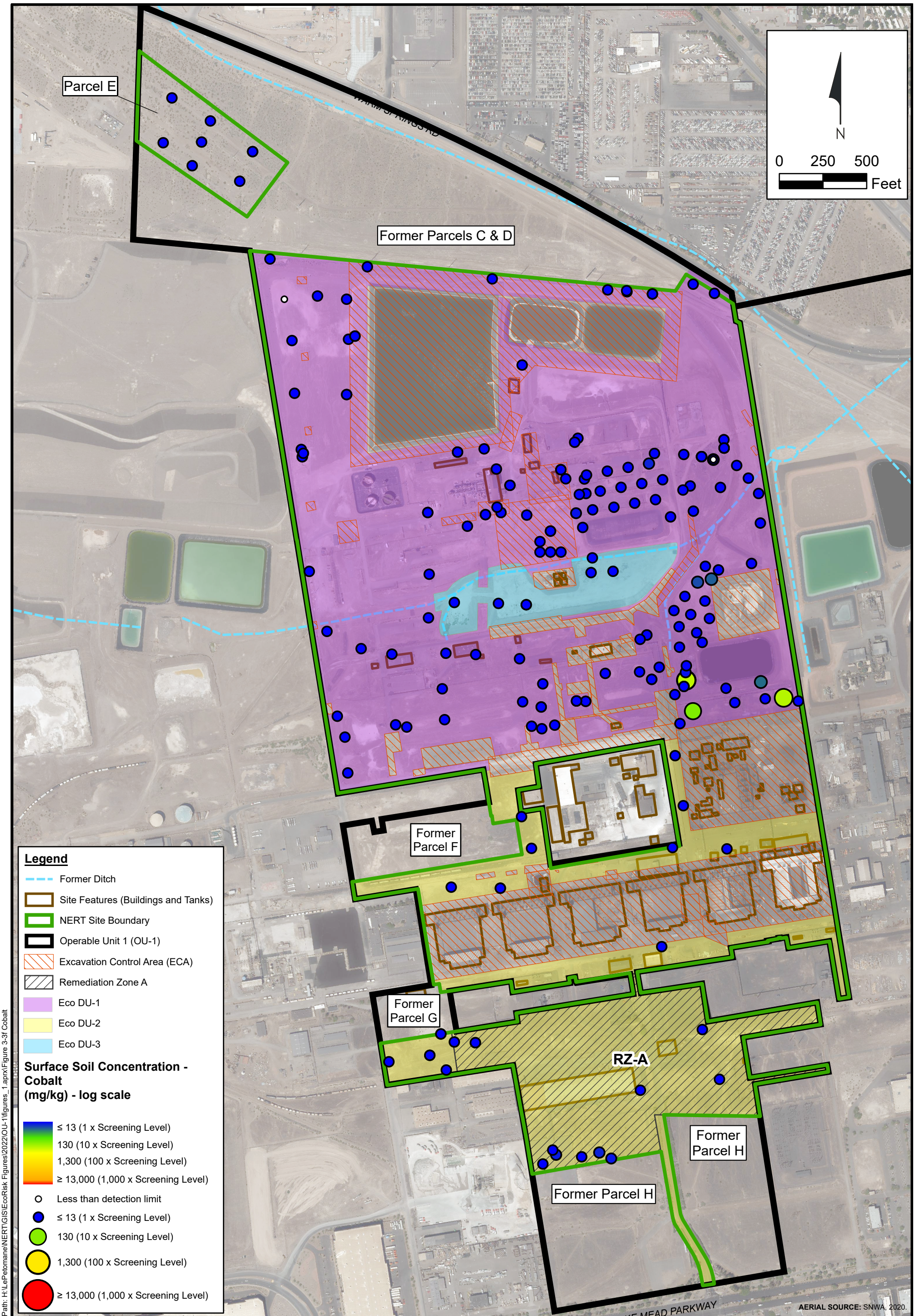
Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-3e Chromium (total)

RAMBOLL

Spatial Surface Soil Concentration Plot for Chromium (total) using Conservative ESVs
Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-3e**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



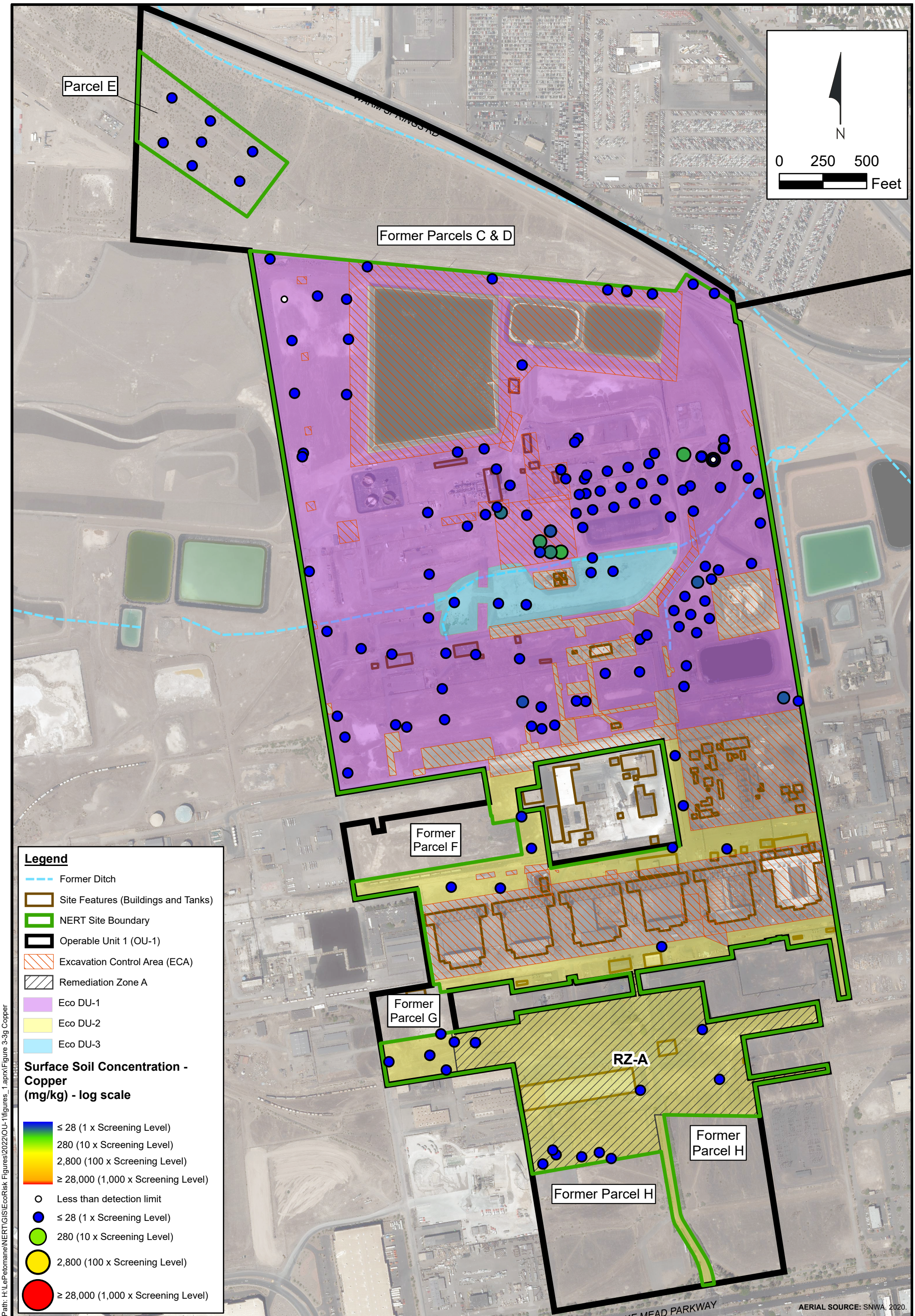
Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-3f Cobalt

RAMBOLL

Spatial Surface Soil Concentration Plot for Cobalt using Conservative ESVs
Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-3f**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-3g Copper

RAMBOLL

Spatial Surface Soil Concentration Plot for Copper using Conservative ESVs
Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-3g**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Iron (mg/kg) - log scale

- ≤ 200 (1 x Screening Level)
- 2,000 (10 x Screening Level)
- 20,000 (100 x Screening Level)
- ≥ 200,000 (1,000 x Screening Level)
- Less than detection limit
- ≤ 200 (1 x Screening Level)
- 2,000 (10 x Screening Level)
- 20,000 (100 x Screening Level)
- ≥ 200,000 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-3h Iron

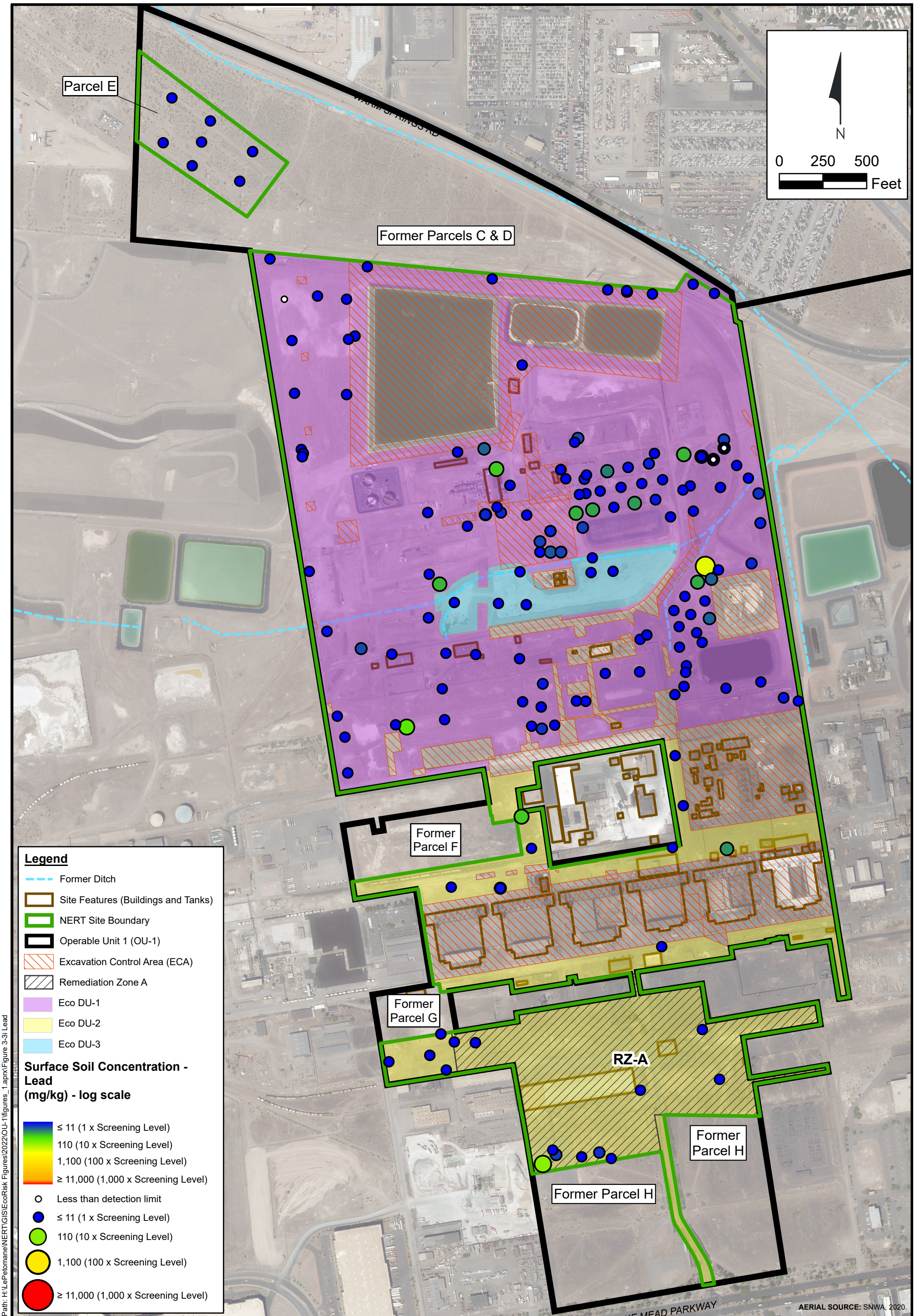
RAMBOLL

Spatial Surface Soil Concentration Plot for Iron using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-3h**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-3i Lead

RAMBOLL

Spatial Surface Soil Concentration Plot for Lead using Conservative ESVs
Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-3i**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Manganese (mg/kg) - log scale

- ≤ 220 (1 x Screening Level)
- 2,200 (10 x Screening Level)
- 22,000 (100 x Screening Level)
- ≥ 220,000 (1,000 x Screening Level)
- Less than detection limit
- ≤ 220 (1 x Screening Level)
- 2,200 (10 x Screening Level)
- 22,000 (100 x Screening Level)
- ≥ 220,000 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-3j-1 Manganese

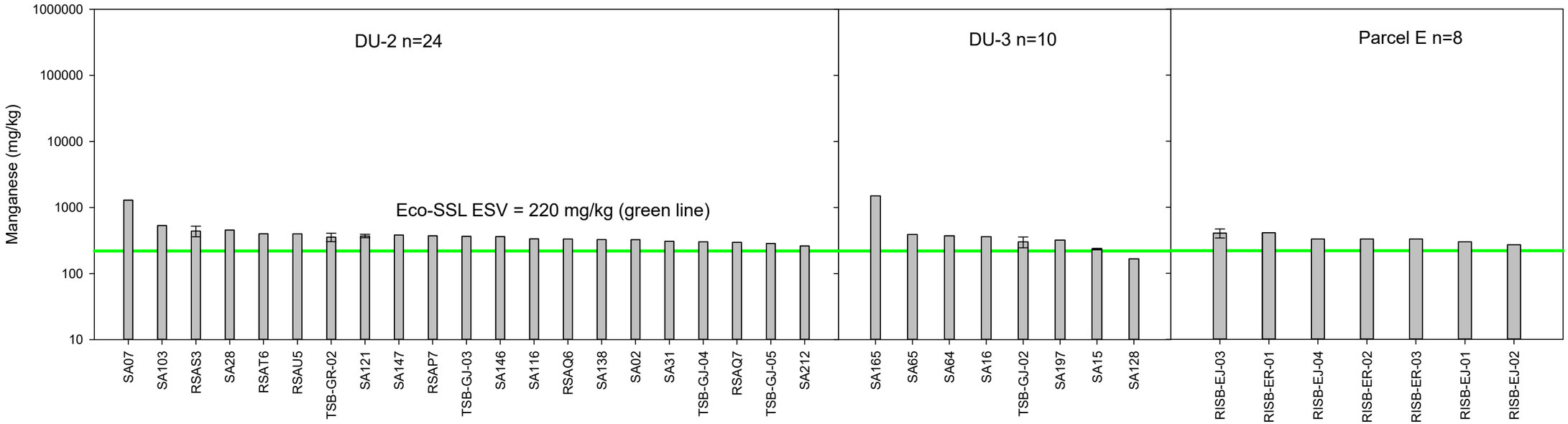
RAMBOLL

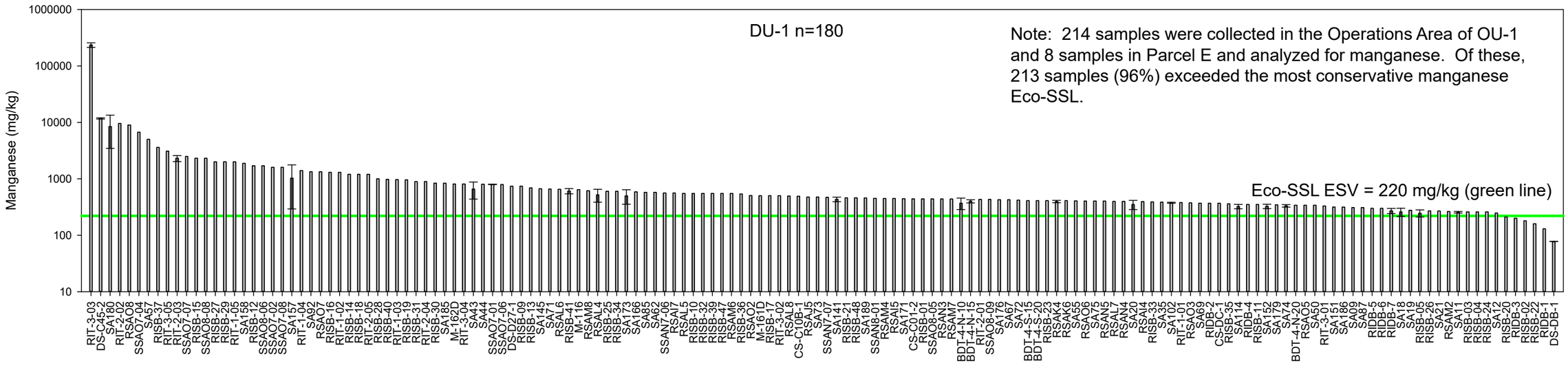
Spatial Surface Soil Concentration Plot for Manganese using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-3j-1**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:





RAMBOLL

Manganese Concentrations by Area (Log Scale) – Screening Assessment

NERT Environmental Response Trust Site

Henderson Nevada

FIGURE

3-3j-2

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Mercury (mg/kg) - log scale

- ≤ 0.013 (1 x Screening Level)
- 0.13 (10 x Screening Level)
- 1.3 (100 x Screening Level)
- ≥ 13 (1,000 x Screening Level)
- Less than detection limit
- ≤ 0.013 (1 x Screening Level)
- 0.13 (10 x Screening Level)
- 1.3 (100 x Screening Level)
- ≥ 13 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-3k Mercury

RAMBOLL

Spatial Surface Soil Concentration Plot for Mercury using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-3k**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Molybdenum (mg/kg) - log scale

- ≤ 2 (1 x Screening Level)
- 20 (10 x Screening Level)
- 200 (100 x Screening Level)
- ≥ 2,000 (1,000 x Screening Level)
- Less than detection limit
- ≤ 2 (1 x Screening Level)
- 20 (10 x Screening Level)
- 200 (100 x Screening Level)
- ≥ 2,000 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-3l Molybdenum

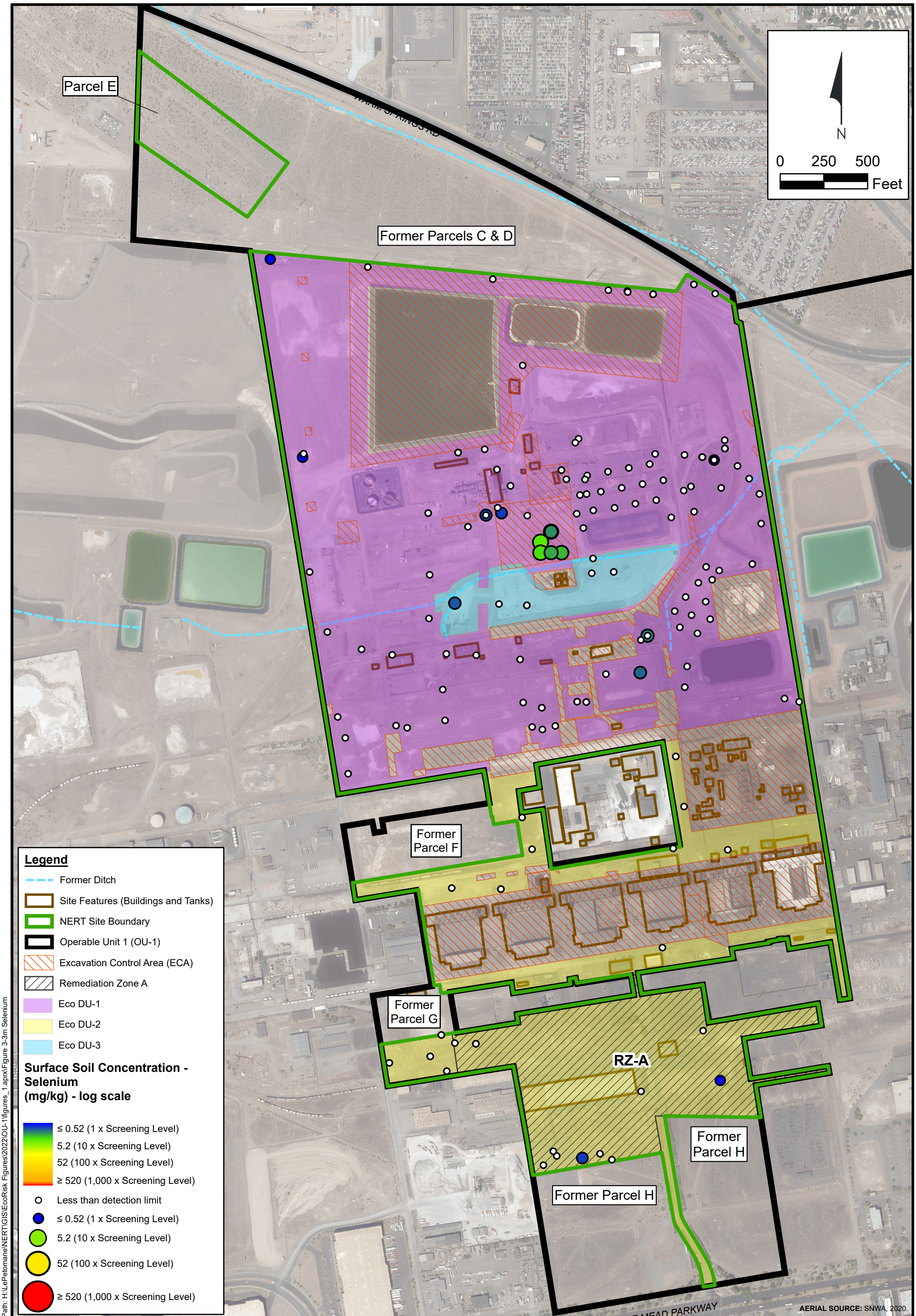
RAMBOLL

Spatial Surface Soil Concentration Plot for Molybdenum using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-3l**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-3m Selenium

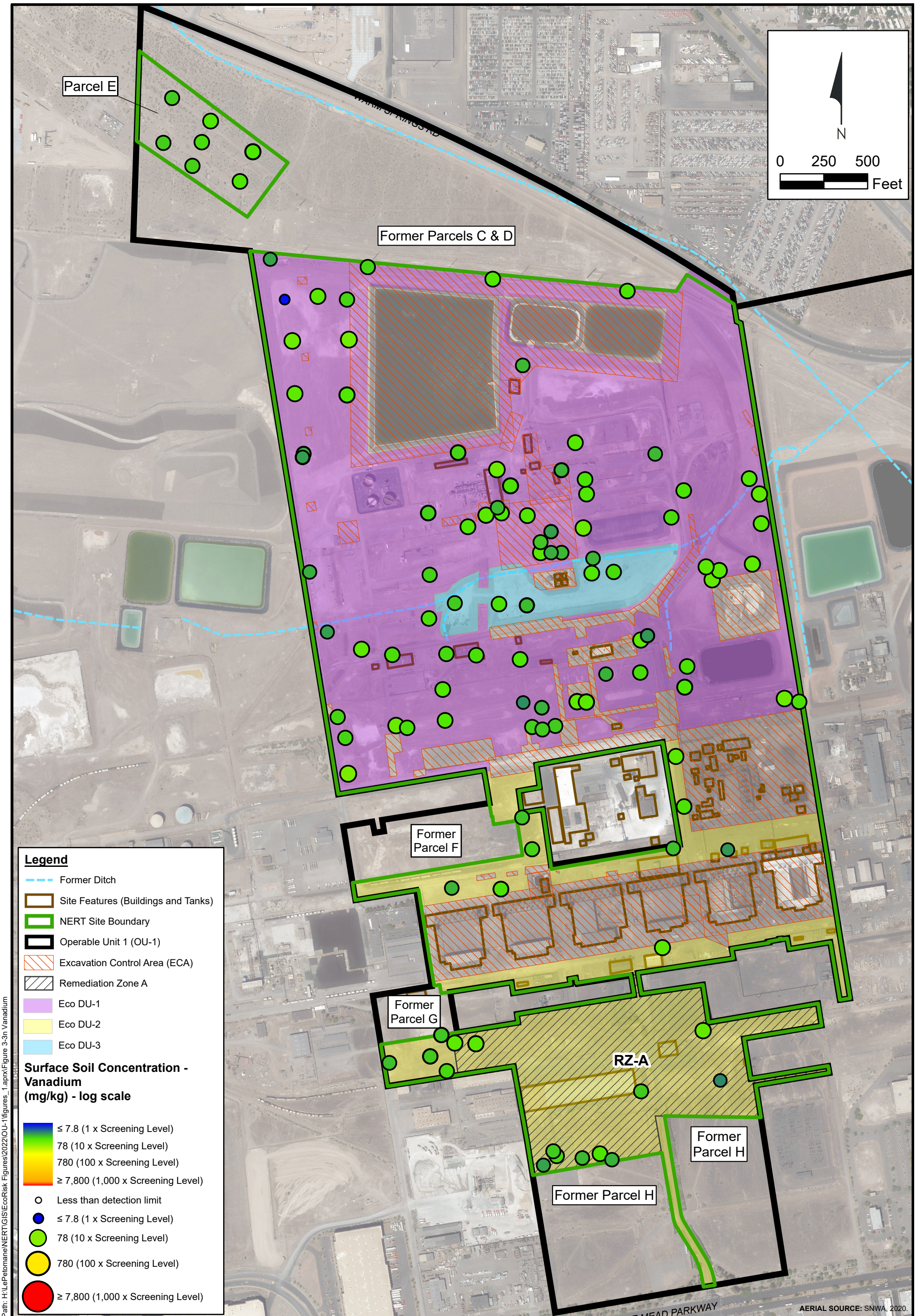
RAMBOLL

Spatial Surface Soil Concentration Plot for Selenium using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-3m**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-3n Vanadium

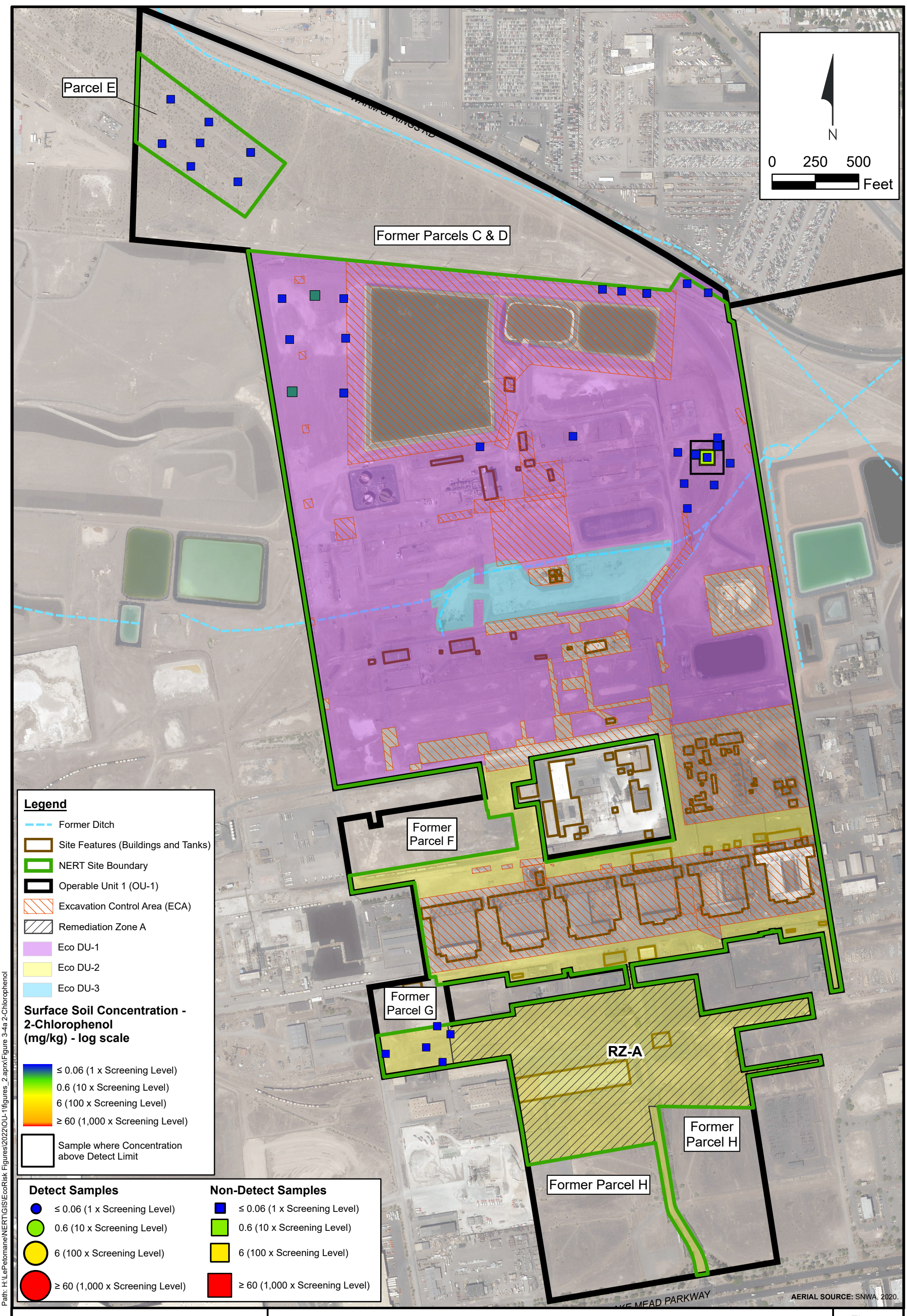
RAMBOLL

Spatial Surface Soil Concentration Plot for Vanadium using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-3n**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_2.aprx\Figure 3-4a 2-Chlorophenol

RAMBOLL

Spatial Surface Soil Concentration Plot for 2-Chlorophenol using Conservative ESVs
Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-4a**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - 3&4-Methylphenol (mg/kg) - log scale

- ≤ 0.69 (1 x Screening Level)
- 6.9 (10 x Screening Level)
- 69 (100 x Screening Level)
- ≥ 690 (1,000 x Screening Level)
- Sample where Concentration above Detect Limit

Detect Samples

- ≤ 0.69 (1 x Screening Level)
- 6.9 (10 x Screening Level)
- 69 (100 x Screening Level)
- ≥ 690 (1,000 x Screening Level)

Non-Detect Samples

- ≤ 0.69 (1 x Screening Level)
- 6.9 (10 x Screening Level)
- 69 (100 x Screening Level)
- ≥ 690 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_2.aprx\Figure 3-4b 3&4-Methylphenol

RAMBOLL

Spatial Surface Soil Concentration Plot for 3&4-Methylphenol using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-4b**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - bis(2-Ethylhexyl)phthalate (mg/kg) - log scale

- ≤ 0.02 (1 x Screening Level)
- 0.2 (10 x Screening Level)
- 2 (100 x Screening Level)
- ≥ 20 (1,000 x Screening Level)
- Less than detection limit
- ≤ 0.02 (1 x Screening Level)
- 0.2 (10 x Screening Level)
- 2 (100 x Screening Level)
- ≥ 20 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-4c bis(2-Ethylhexyl)phthalate

RAMBOLL

Spatial Surface Soil Concentration Plot for bis(2-Ethylhexyl)phthalate using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-4c**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Di-n-butylphthalate (mg/kg) - log scale

- ≤ 0.011 (1 x Screening Level)
- 0.11 (10 x Screening Level)
- 1.1 (100 x Screening Level)
- ≥ 11 (1,000 x Screening Level)
- Less than detection limit
- ≤ 0.011 (1 x Screening Level)
- 0.11 (10 x Screening Level)
- 1.1 (100 x Screening Level)
- ≥ 11 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-4d Di-n-butylphthalate

RAMBOLL

Spatial Surface Soil Concentration Plot for Di-n-butylphthalate using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-4d**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Calculated Total PAHs (ND=0.5DL) (mg/kg) - log scale

- ≤ 1.1 (1 x Screening Level)
- 11 (10 x Screening Level)
- 110 (100 x Screening Level)
- ≥ 1,100 (1,000 x Screening Level)
- Less than detection limit
- ≤ 1.1 (1 x Screening Level)
- 11 (10 x Screening Level)
- 110 (100 x Screening Level)
- ≥ 1,100 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-4e Ramboll Calculated Total PAHs (ND=0.5DL)

RAMBOLL

Spatial Surface Soil Concentration Plot for Calculated Total PAHs (ND=0.5DL) using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-4e**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Acetone (mg/kg) - log scale

- ≤ 0.04 (1 x Screening Level)
- 0.4 (10 x Screening Level)
- 4 (100 x Screening Level)
- ≥ 40 (1,000 x Screening Level)
- Less than detection limit
- ≤ 0.04 (1 x Screening Level)
- 0.4 (10 x Screening Level)
- 4 (100 x Screening Level)
- ≥ 40 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-5a Acetone

RAMBOLL

Spatial Surface Soil Concentration Plot for Acetone using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-5a**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Chloroform (mg/kg) - log scale

- ≤ 0.05 (1 x Screening Level)
- 0.5 (10 x Screening Level)
- 5 (100 x Screening Level)
- ≥ 50 (1,000 x Screening Level)
- Less than detection limit
- ≤ 0.05 (1 x Screening Level)
- 0.5 (10 x Screening Level)
- 5 (100 x Screening Level)
- ≥ 50 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-5b Chloroform

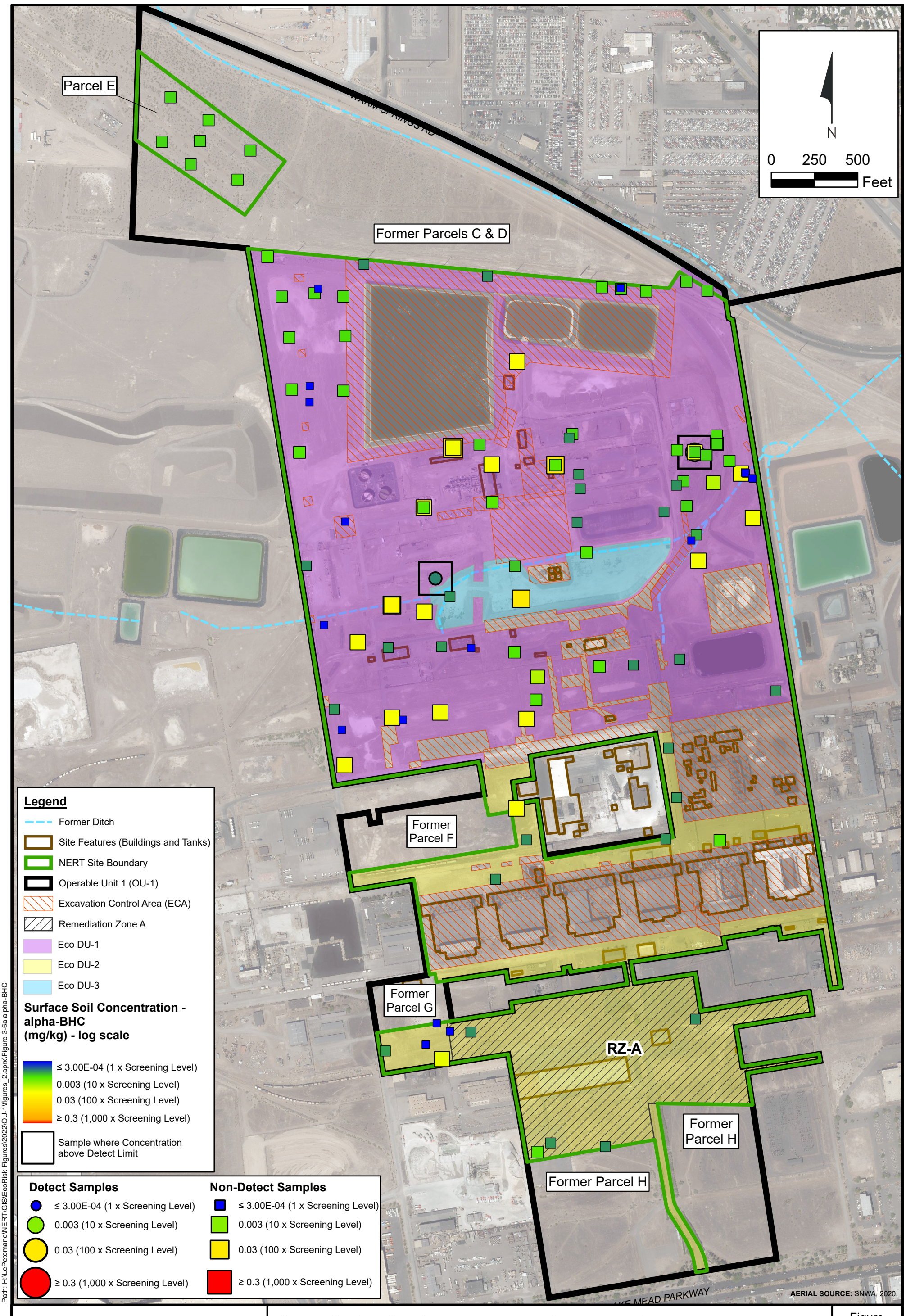
RAMBOLL

Spatial Surface Soil Concentration Plot for Chloroform using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-5b**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_2.aprx\Figure 3-6a alpha-BHC

RAMBOLL

Spatial Surface Soil Concentration Plot for alpha-BHC using Conservative ESVs
Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-6a**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - beta-BHC (mg/kg) - log scale

- ≤ 3.00E-04 (1 x Screening Level)
- 0.003 (10 x Screening Level)
- 0.03 (100 x Screening Level)
- ≥ 0.3 (1,000 x Screening Level)
- Less than detection limit
- ≤ 3.00E-04 (1 x Screening Level)
- 0.003 (10 x Screening Level)
- 0.03 (100 x Screening Level)
- ≥ 0.3 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-6b beta-BHC

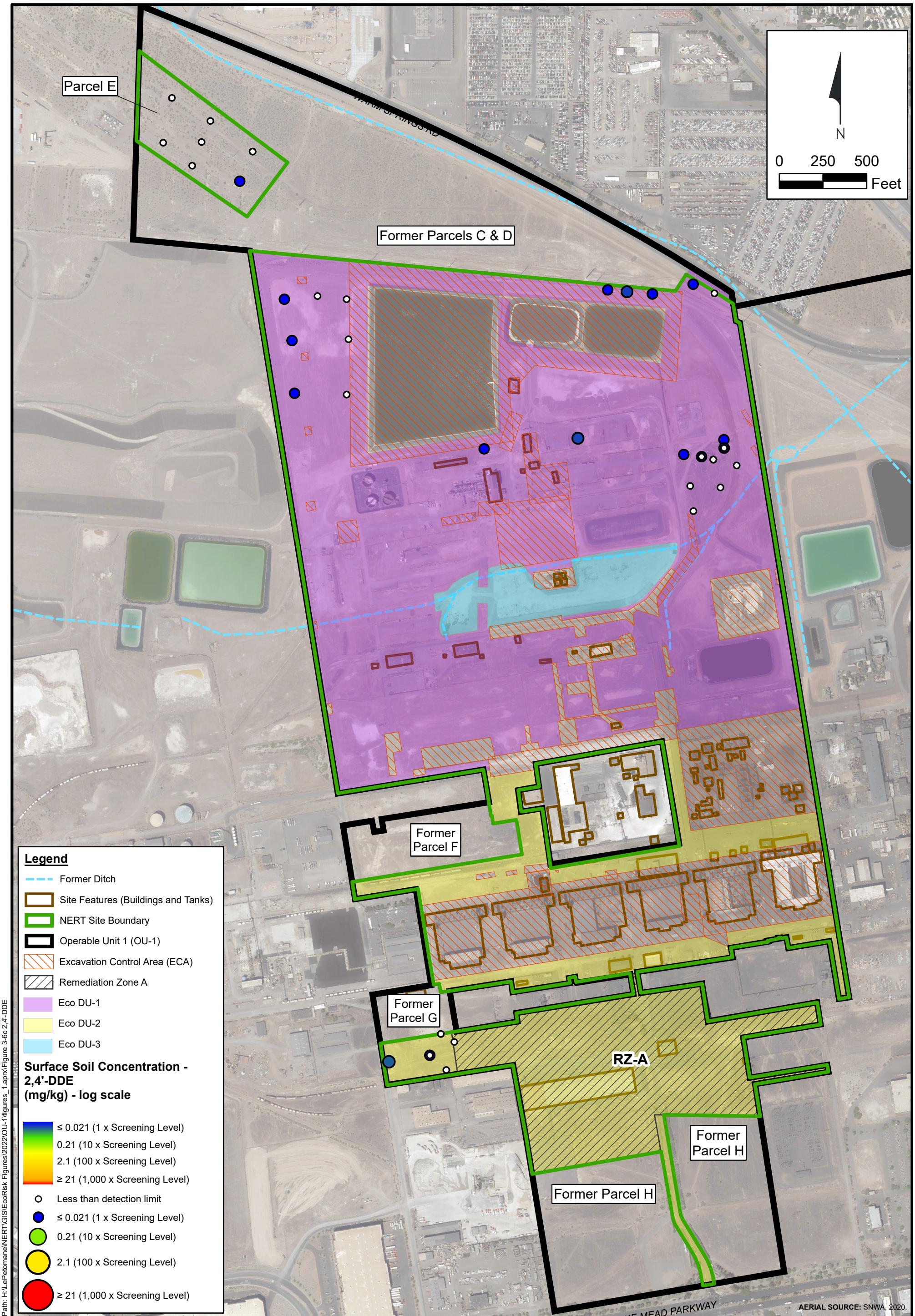
RAMBOLL

Spatial Surface Soil Concentration Plot for beta-BHC using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-6b**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-6c 2,4'-DDE

RAMBOLL

Spatial Surface Soil Concentration Plot for 2,4'-DDE using Conservative ESVs
Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-6c**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - 4,4'-DDE (mg/kg) - log scale

- ≤ 0.021 (1 x Screening Level)
- 0.21 (10 x Screening Level)
- 2.1 (100 x Screening Level)
- ≥ 21 (1,000 x Screening Level)
- Less than detection limit
- ≤ 0.021 (1 x Screening Level)
- 0.21 (10 x Screening Level)
- 2.1 (100 x Screening Level)
- ≥ 21 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-6d 4,4'-DDE

RAMBOLL

Spatial Surface Soil Concentration Plot for 4,4'-DDE using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-6d**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - 4,4'-DDT (mg/kg) - log scale

- ≤ 0.021 (1 x Screening Level)
- 0.21 (10 x Screening Level)
- 2.1 (100 x Screening Level)
- ≥ 21 (1,000 x Screening Level)
- Less than detection limit
- ≤ 0.021 (1 x Screening Level)
- 0.21 (10 x Screening Level)
- 2.1 (100 x Screening Level)
- ≥ 21 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-6e 4,4'-DDT

RAMBOLL

Spatial Surface Soil Concentration Plot for 4,4'-DDT using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-6e**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Calculated DDx (ND=0.5DL) (mg/kg) - log scale

- ≤ 0.021 (1 x Screening Level)
- 0.21 (10 x Screening Level)
- 2.1 (100 x Screening Level)
- ≥ 21 (1,000 x Screening Level)
- Less than detection limit
- ≤ 0.021 (1 x Screening Level)
- 0.21 (10 x Screening Level)
- 2.1 (100 x Screening Level)
- ≥ 21 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-6f Calculated DDx (ND=0.5DL)

RAMBOLL

Spatial Surface Soil Concentration Plot for Calculated DDx (ND=0.5DL) using Conservative ESVs
Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-6f**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Endrin (mg/kg) - log scale

- ≤ 0.0014 (1 x Screening Level)
- 0.014 (10 x Screening Level)
- 0.14 (100 x Screening Level)
- ≥ 1.4 (1,000 x Screening Level)
- Sample where Concentration above Detect Limit

Detect Samples

- ≤ 0.0014 (1 x Screening Level)
- 0.014 (10 x Screening Level)
- 0.14 (100 x Screening Level)
- ≥ 1.4 (1,000 x Screening Level)

Non-Detect Samples

- ≤ 0.0014 (1 x Screening Level)
- 0.014 (10 x Screening Level)
- 0.14 (100 x Screening Level)
- ≥ 1.4 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_2.aprx\Figure 3-6g Endrin

RAMBOLL

Spatial Surface Soil Concentration Plot for Endrin using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-6g**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Hexachlorobenzene (mg/kg) - log scale

- ≤ 0.079 (1 x Screening Level)
- 0.79 (10 x Screening Level)
- 7.9 (100 x Screening Level)
- ≥ 79 (1,000 x Screening Level)
- Less than detection limit
- ≤ 0.079 (1 x Screening Level)
- 0.79 (10 x Screening Level)
- 7.9 (100 x Screening Level)
- ≥ 79 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-6h Hexachlorobenzene

RAMBOLL

Spatial Surface Soil Concentration Plot for Hexachlorobenzene using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-6h**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Methoxychlor (mg/kg) - log scale

- ≤ 0.0021 (1 x Screening Level)
- 0.021 (10 x Screening Level)
- 0.21 (100 x Screening Level)
- ≥ 2.1 (1,000 x Screening Level)
- Sample where Concentration above Detect Limit

Detect Samples

- ≤ 0.0021 (1 x Screening Level)
- 0.021 (10 x Screening Level)
- 0.21 (100 x Screening Level)
- ≥ 2.1 (1,000 x Screening Level)

Non-Detect Samples

- ≤ 0.0021 (1 x Screening Level)
- 0.021 (10 x Screening Level)
- 0.21 (100 x Screening Level)
- ≥ 2.1 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_2.aprx\Figure 3-6i Methoxychlor

RAMBOLL

Spatial Surface Soil Concentration Plot for Methoxychlor using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-6i**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Aroclor-1254 (mg/kg) - log scale

- ≤ 0.041 (1 x Screening Level)
- 0.41 (10 x Screening Level)
- 4.1 (100 x Screening Level)
- ≥ 41 (1,000 x Screening Level)
- Less than detection limit
- ≤ 0.041 (1 x Screening Level)
- 0.41 (10 x Screening Level)
- 4.1 (100 x Screening Level)
- ≥ 41 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-7a Aroclor-1254

RAMBOLL

Spatial Surface Soil Concentration Plot for Aroclor-1254 using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-7a**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Aroclor-1260 (mg/kg) - log scale

- ≤ 0.041 (1 x Screening Level)
- 0.41 (10 x Screening Level)
- 4.1 (100 x Screening Level)
- ≥ 41 (1,000 x Screening Level)
- Less than detection limit
- ≤ 0.041 (1 x Screening Level)
- 0.41 (10 x Screening Level)
- 4.1 (100 x Screening Level)
- ≥ 41 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-7b Aroclor-1260

RAMBOLL

Spatial Surface Soil Concentration Plot for Aroclor-1260 using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-7b**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Calculated Total PCBs (ND=0.5DL) (mg/kg) - log scale

- ≤ 0.041 (1 x Screening Level)
- 0.41 (10 x Screening Level)
- 4.1 (100 x Screening Level)
- ≥ 41 (1,000 x Screening Level)
- Less than detection limit
- ≤ 0.041 (1 x Screening Level)
- 0.41 (10 x Screening Level)
- 4.1 (100 x Screening Level)
- ≥ 41 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-7c Ramboll Calculated Total PCBs (ND=0.5DL)

RAMBOLL

Spatial Surface Soil Concentration Plot for Calculated Total PCBs (ND=0.5DL) using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-7c**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Calculated PCB Mammal TEQ (ND=0.5DL) (mg/kg) - log scale

- ≤ 3.15E-06 (1 x Screening Level)
- 0.0000315 (10 x Screening Level)
- 0.000315 (100 x Screening Level)
- ≥ 0.00315 (1,000 x Screening Level)
- Less than detection limit
- ≤ 3.15E-06 (1 x Screening Level)
- 0.0000315 (10 x Screening Level)
- 0.000315 (100 x Screening Level)
- ≥ 0.00315 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-7d Ramboll Calculated PCB Mammal TEQ

RAMBOLL

Spatial Surface Soil Concentration Plot for Calculated PCB Mammal TEQ (ND=0.5DL) using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-7d**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Calculated PCB Avian TEQ (ND=0.5DL) (mg/kg) - log scale

- ≤ 1.60E-05 (1 x Screening Level)
- 0.00016 (10 x Screening Level)
- 0.0016 (100 x Screening Level)
- ≥ 0.016 (1,000 x Screening Level)
- Less than detection limit
- ≤ 1.60E-05 (1 x Screening Level)
- 0.00016 (10 x Screening Level)
- 0.0016 (100 x Screening Level)
- ≥ 0.016 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-7e Ramboll Calculated PCB Avian TEQ (ND=0.5DL)

RAMBOLL

Spatial Surface Soil Concentration Plot for Calculated PCB Avian TEQ (ND=0.5DL) using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-7e**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - EFH (C10-C40) (mg/kg) - log scale

- ≤ 81.2 (1 x Screening Level)
- 812 (10 x Screening Level)
- 8,120 (100 x Screening Level)
- ≥ 81,200 (1,000 x Screening Level)

- Less than detection limit
- ≤ 81.2 (1 x Screening Level)
- 812 (10 x Screening Level)
- 8,120 (100 x Screening Level)
- ≥ 81,200 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-8a EFH (C10-C40)

RAMBOLL

Spatial Surface Soil Concentration Plot for EFH (C10-C40) using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-8a**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Petroleum Hydrocarbons (C29-C40) (mg/kg) - log scale

- ≤ 81.2 (1 x Screening Level)
- 812 (10 x Screening Level)
- 8,120 (100 x Screening Level)
- ≥ 81,200 (1,000 x Screening Level)
- Less than detection limit
- ≤ 81.2 (1 x Screening Level)
- 812 (10 x Screening Level)
- 8,120 (100 x Screening Level)
- ≥ 81,200 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-8b Petroleum Hydrocarbons (C29-C40)

RAMBOLL

Spatial Surface Soil Concentration Plot for Petroleum Hydrocarbons (C29-C40) using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-8b**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Total Petroleum Hydrocarbons (Diesel) (mg/kg) - log scale

- ≤ 81.2 (1 x Screening Level)
- 812 (10 x Screening Level)
- 8,120 (100 x Screening Level)
- ≥ 81,200 (1,000 x Screening Level)
- Less than detection limit
- ≤ 81.2 (1 x Screening Level)
- 812 (10 x Screening Level)
- 8,120 (100 x Screening Level)
- ≥ 81,200 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_1.aprx\Figure 3-8c Total petroleum hydrocarbon-diesel

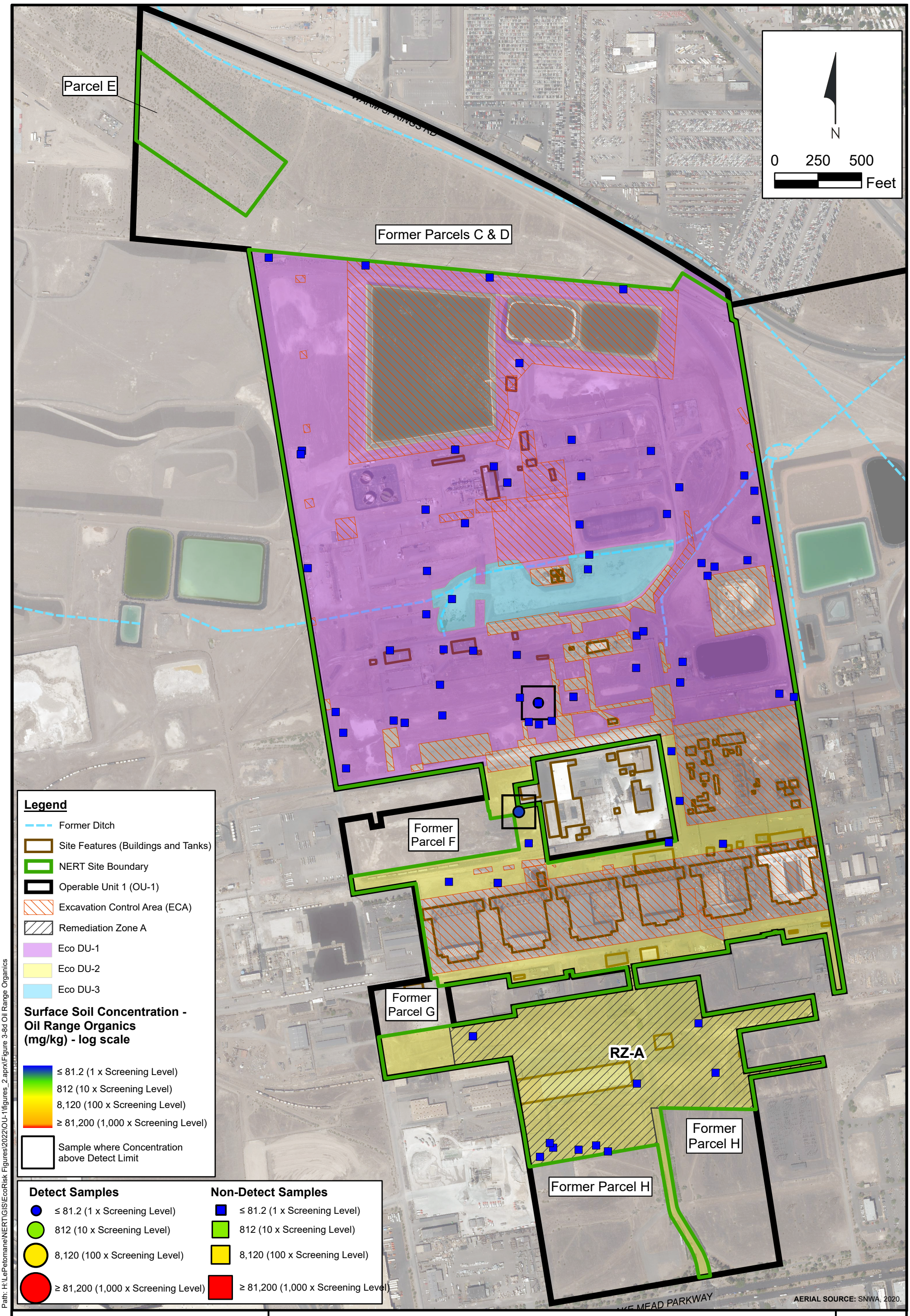
RAMBOLL

Spatial Surface Soil Concentration Plot for Total Petroleum Hydrocarbons (Diesel) using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-8c**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



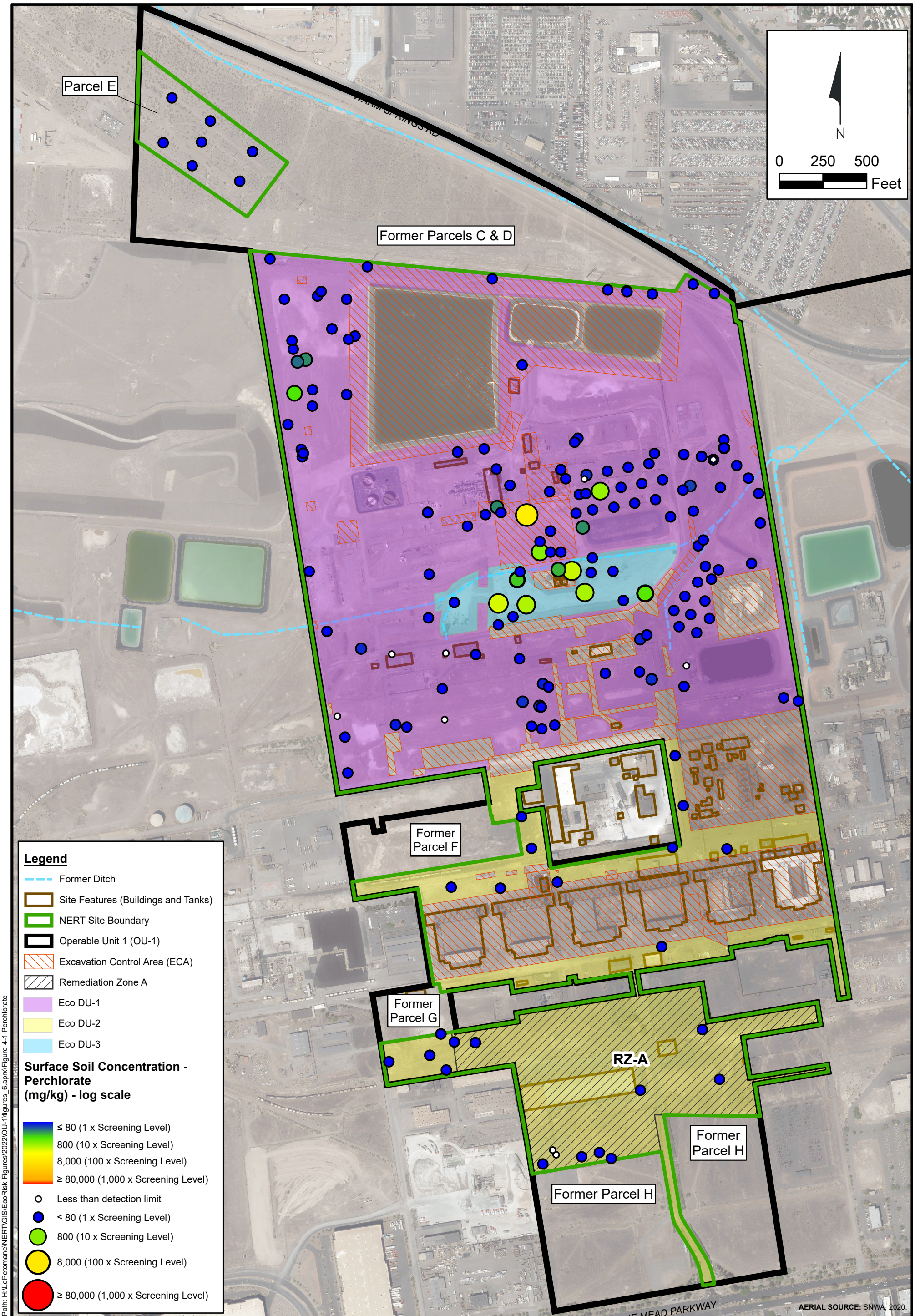
Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_2.aprx\Figure 3-8d Oil Range Organics

RAMBOLL

Spatial Surface Soil Concentration Plot for Oil Range Organics using Conservative ESVs
Nevada Environmental Response Trust, Henderson, Nevada

Figure **3-8d**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



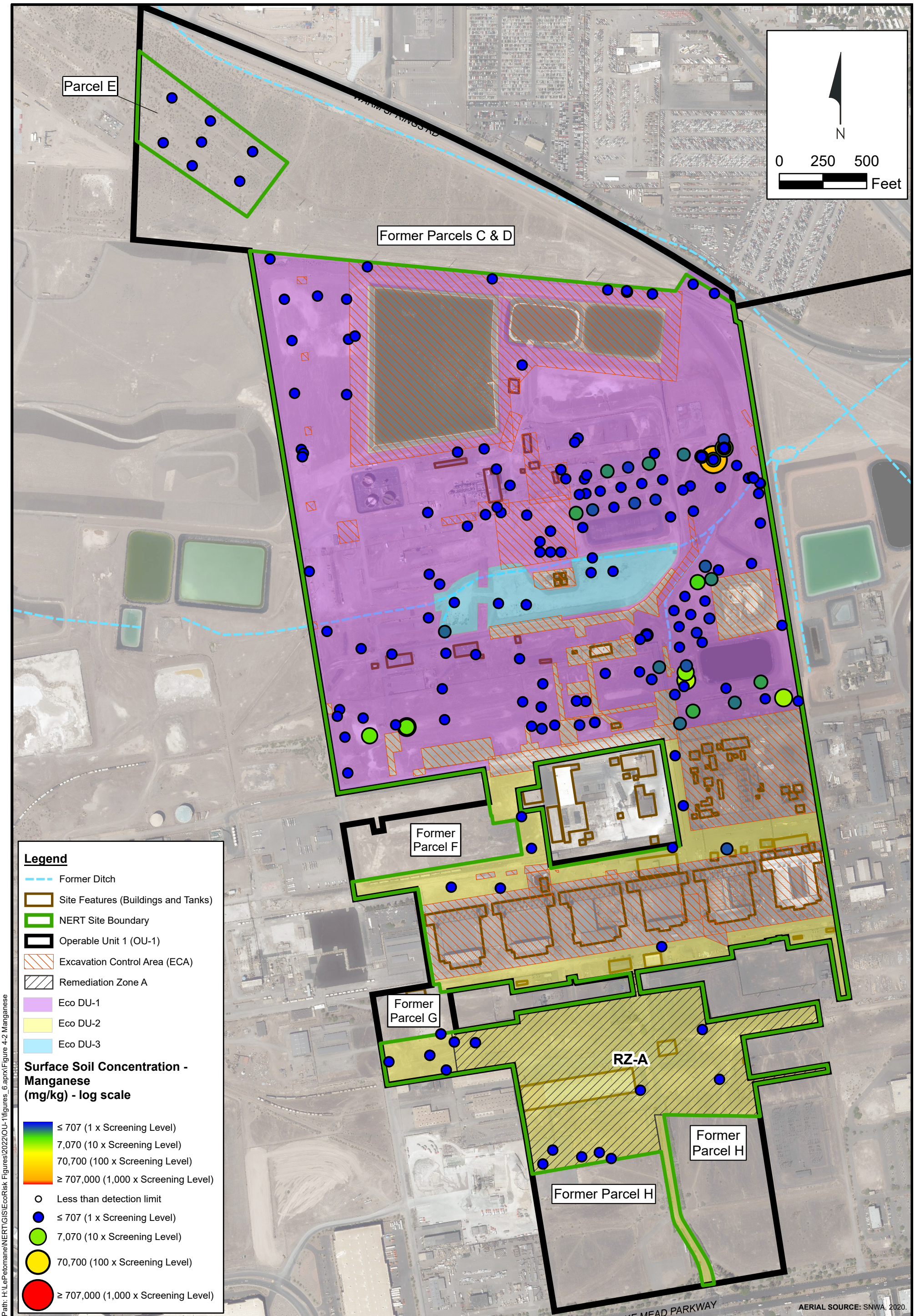
Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_6.aprx\Figure 4-1 Perchlorate

RAMBOLL

Spatial Surface Soil Concentration Plot for Perchlorate using the RSV for Plants
Nevada Environmental Response Trust, Henderson, Nevada

Figure **4-1**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



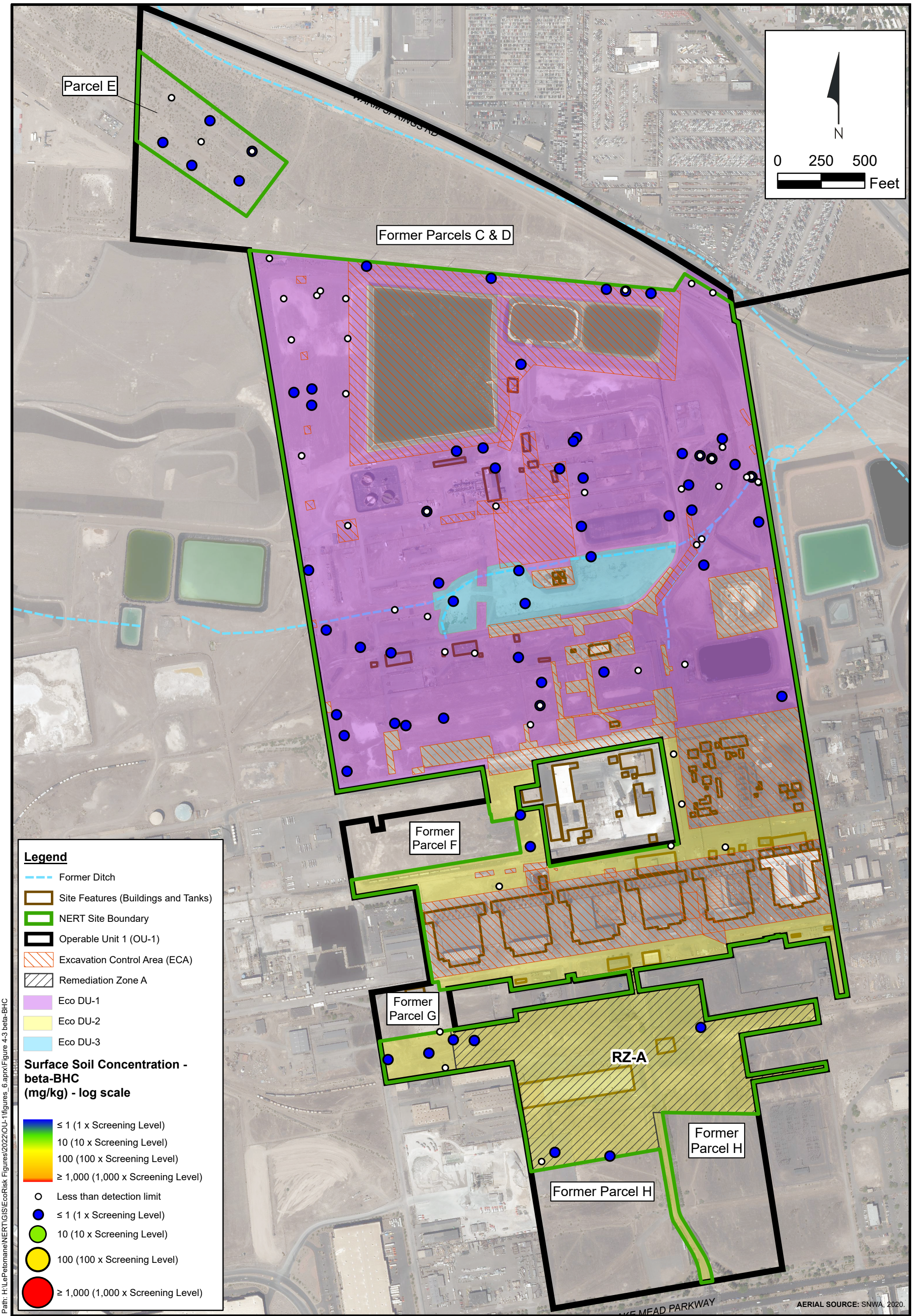
Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_6.aprx\Figure 4-2 Manganese

RAMBOLL

Spatial Surface Soil Concentration Plot for Manganese using the RSV for Plants
Nevada Environmental Response Trust, Henderson, Nevada

Figure **4-2**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



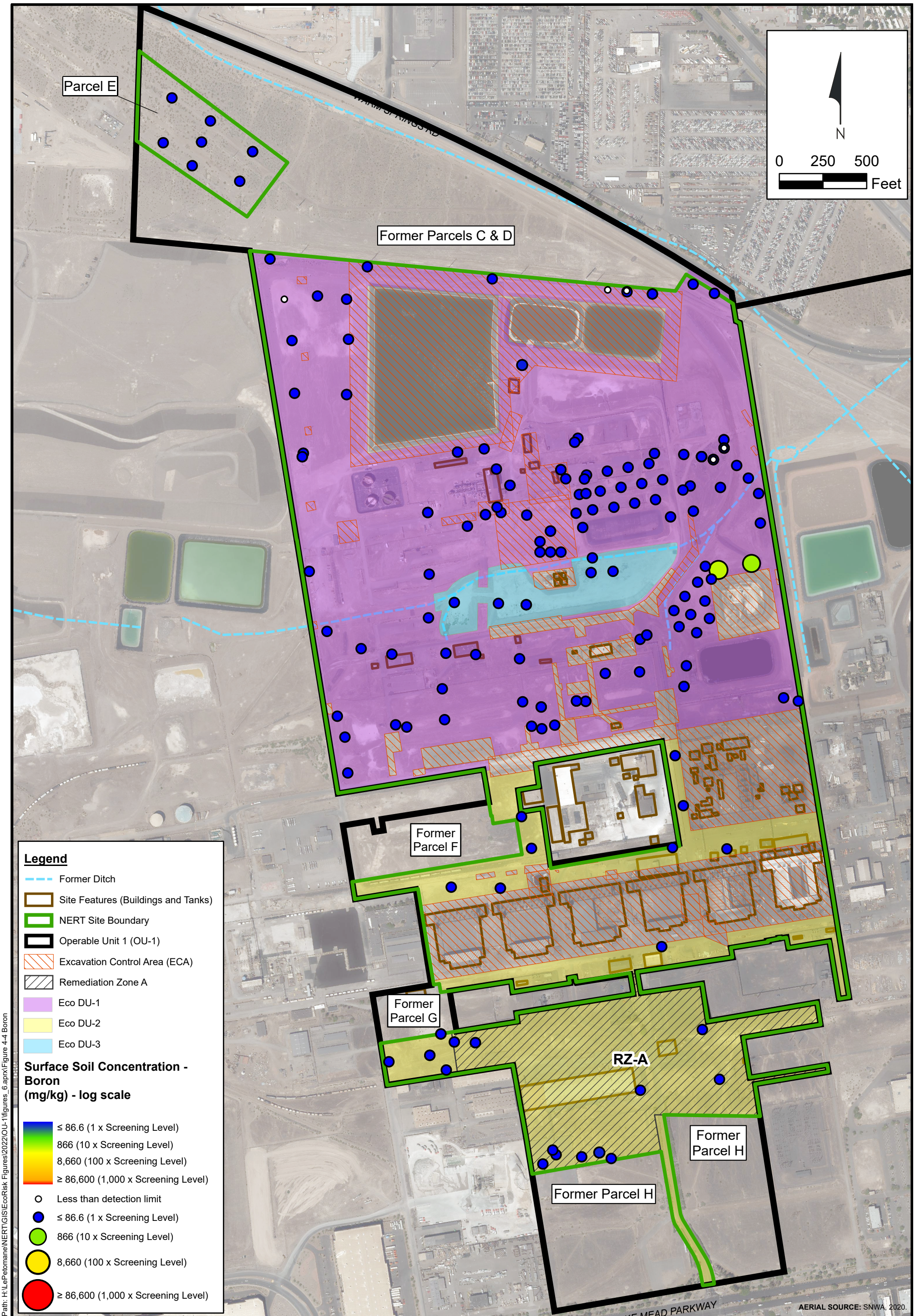
Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_6.aprx\Figure 4-3 beta-BHC

RAMBOLL

Spatial Surface Soil Concentration Plot for beta-BHC using the RSV for Plants
Nevada Environmental Response Trust, Henderson, Nevada

Figure **4-3**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_6.aprx\Figure 4-4 Boron

RAMBOLL

Spatial Surface Soil Concentration Plot for Boron using the RSV for Plants
Nevada Environmental Response Trust, Henderson, Nevada

Figure **4-4**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - EFH (C10-C40) (mg/kg) - log scale

- ≤ 419 (1 x Screening Level)
- 4,190 (10 x Screening Level)
- 41,900 (100 x Screening Level)
- ≥ 419,000 (1,000 x Screening Level)
- Less than detection limit
- ≤ 419 (1 x Screening Level)
- 4,190 (10 x Screening Level)
- 41,900 (100 x Screening Level)
- ≥ 419,000 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_6.aprx\Figure 4-5 EFH (C10-C40)

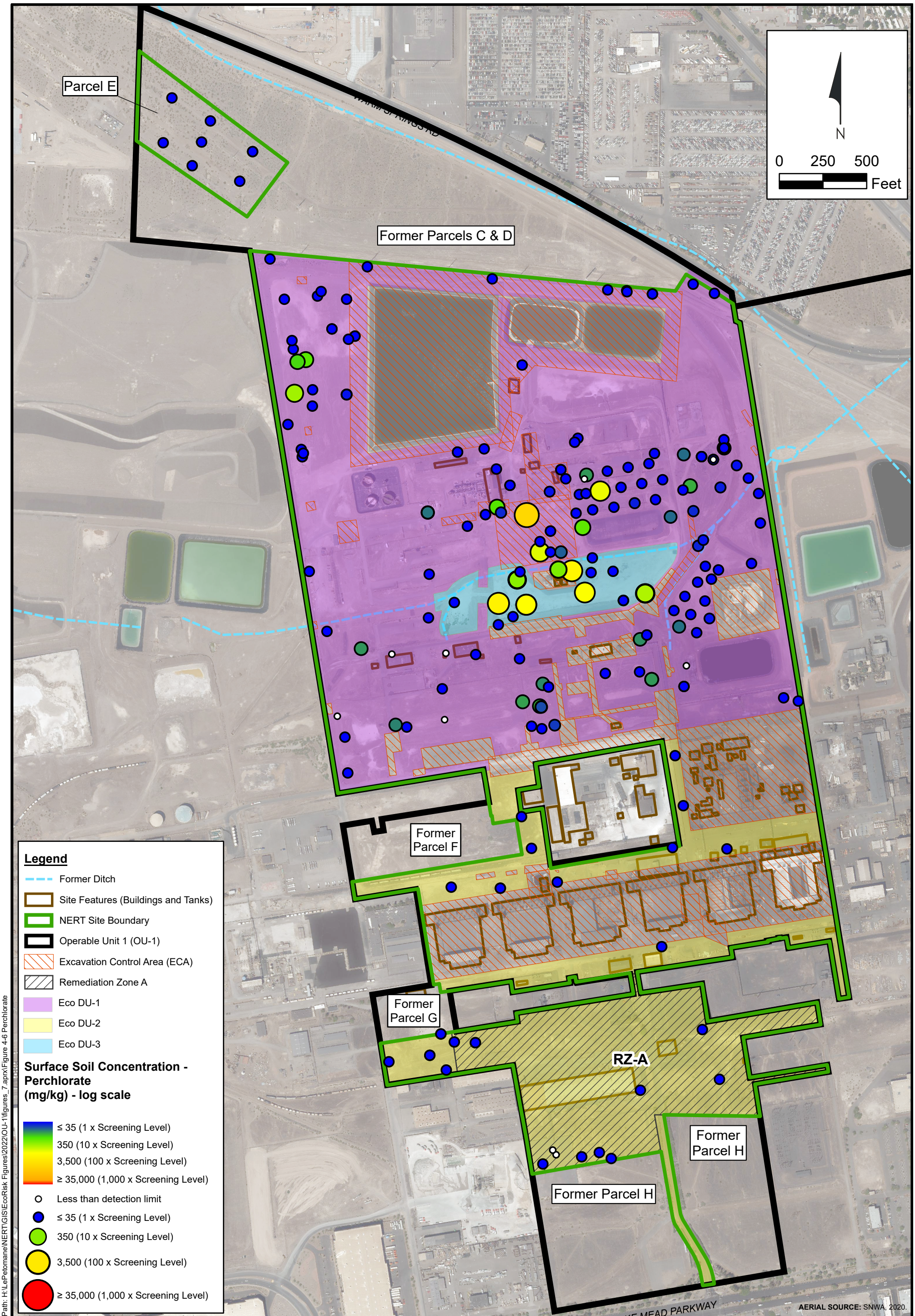
RAMBOLL

Spatial Surface Soil Concentration Plot for EFH (C10-C40) using the RSV for Plants

Nevada Environmental Response Trust, Henderson, Nevada

Figure **4-5**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



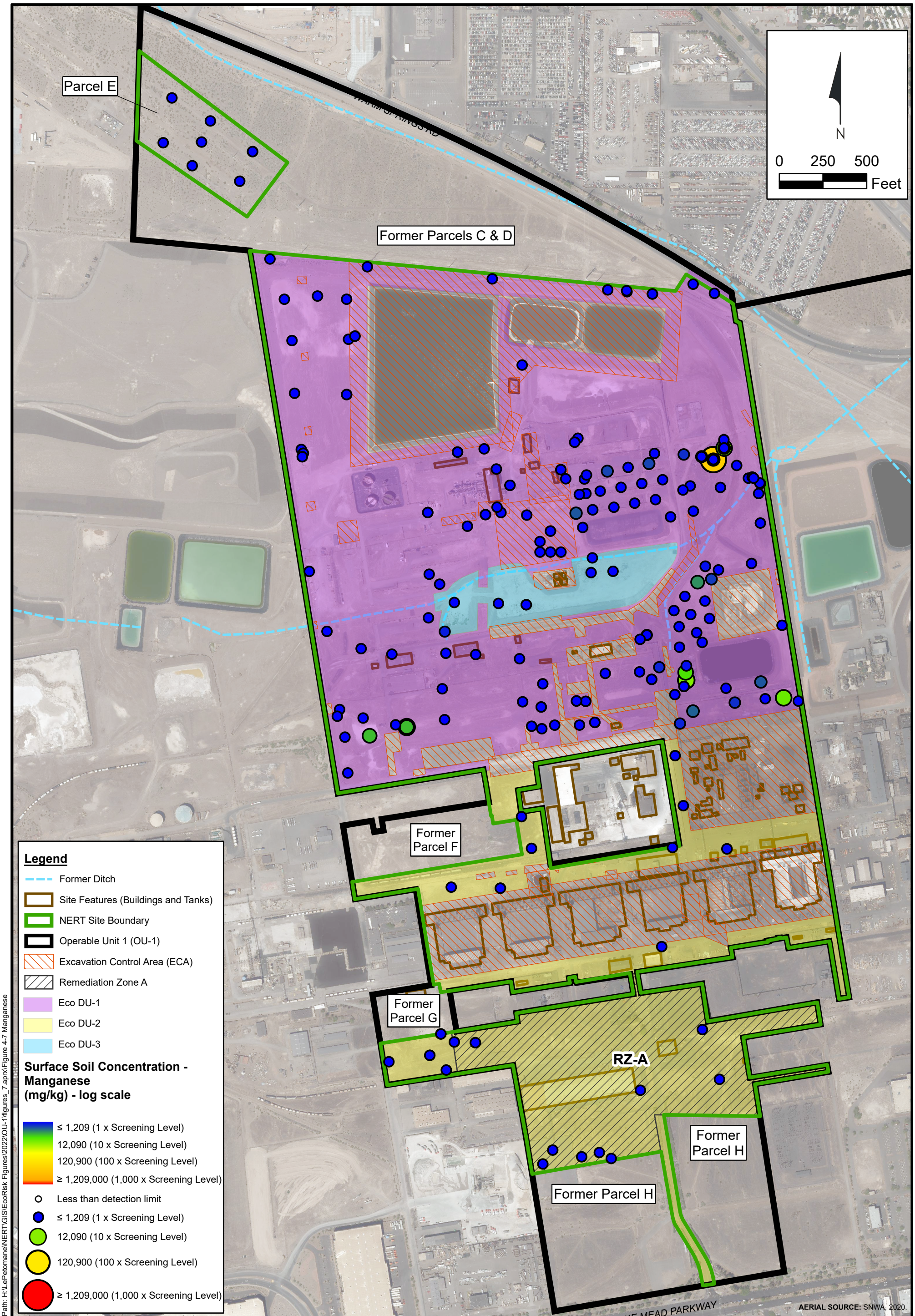
Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_7.aprx\Figure 4-6 Perchlorate

RAMBOLL

Spatial Surface Soil Concentration Plot for Perchlorate using the RSV for Invertebrates
Nevada Environmental Response Trust, Henderson, Nevada

Figure **4-6**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



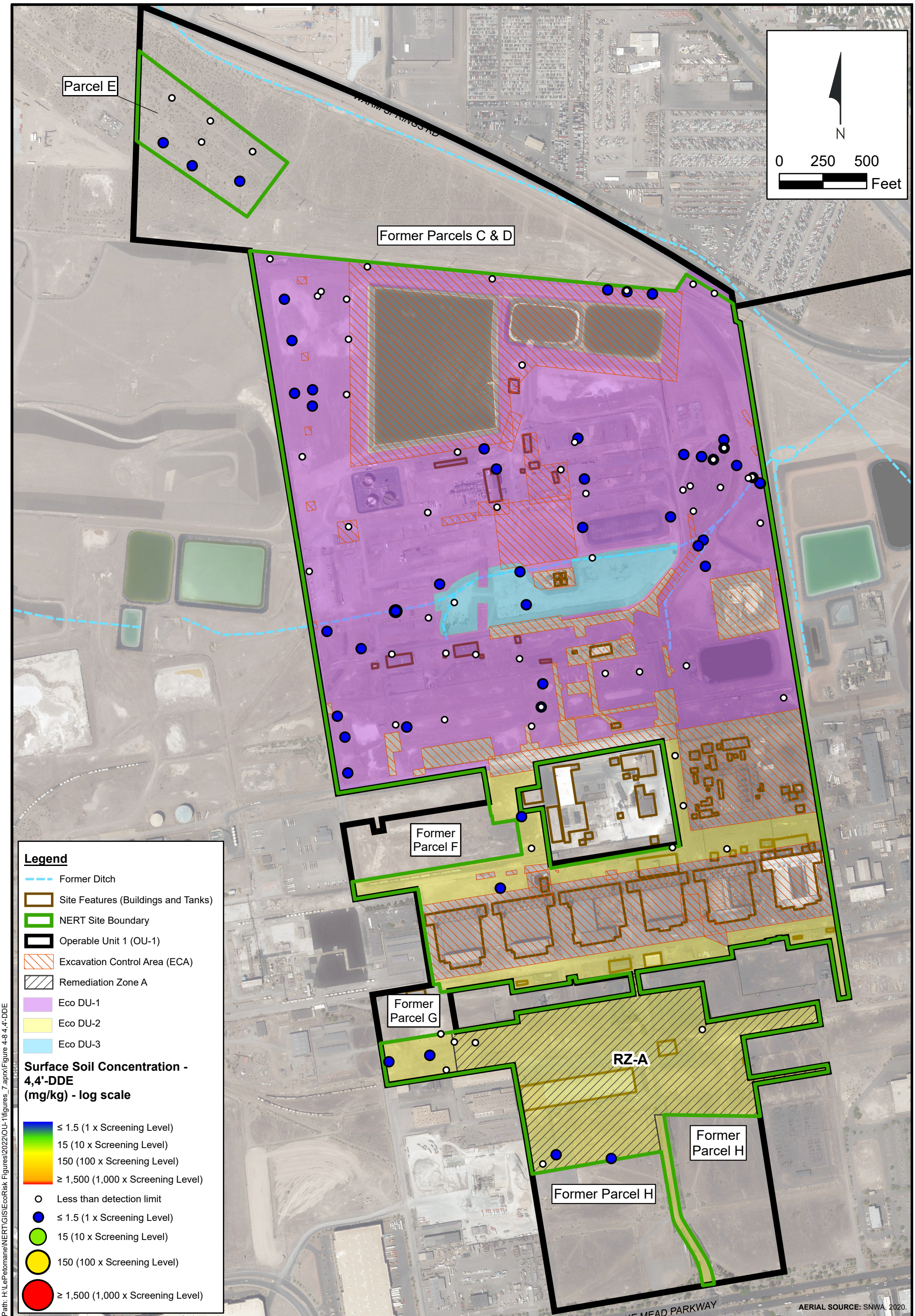
Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_7.aprx\Figure 4-7 Manganese

RAMBOLL

Spatial Surface Soil Concentration Plot for Manganese using the RSV for Invertebrates
Nevada Environmental Response Trust, Henderson, Nevada

Figure **4-7**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



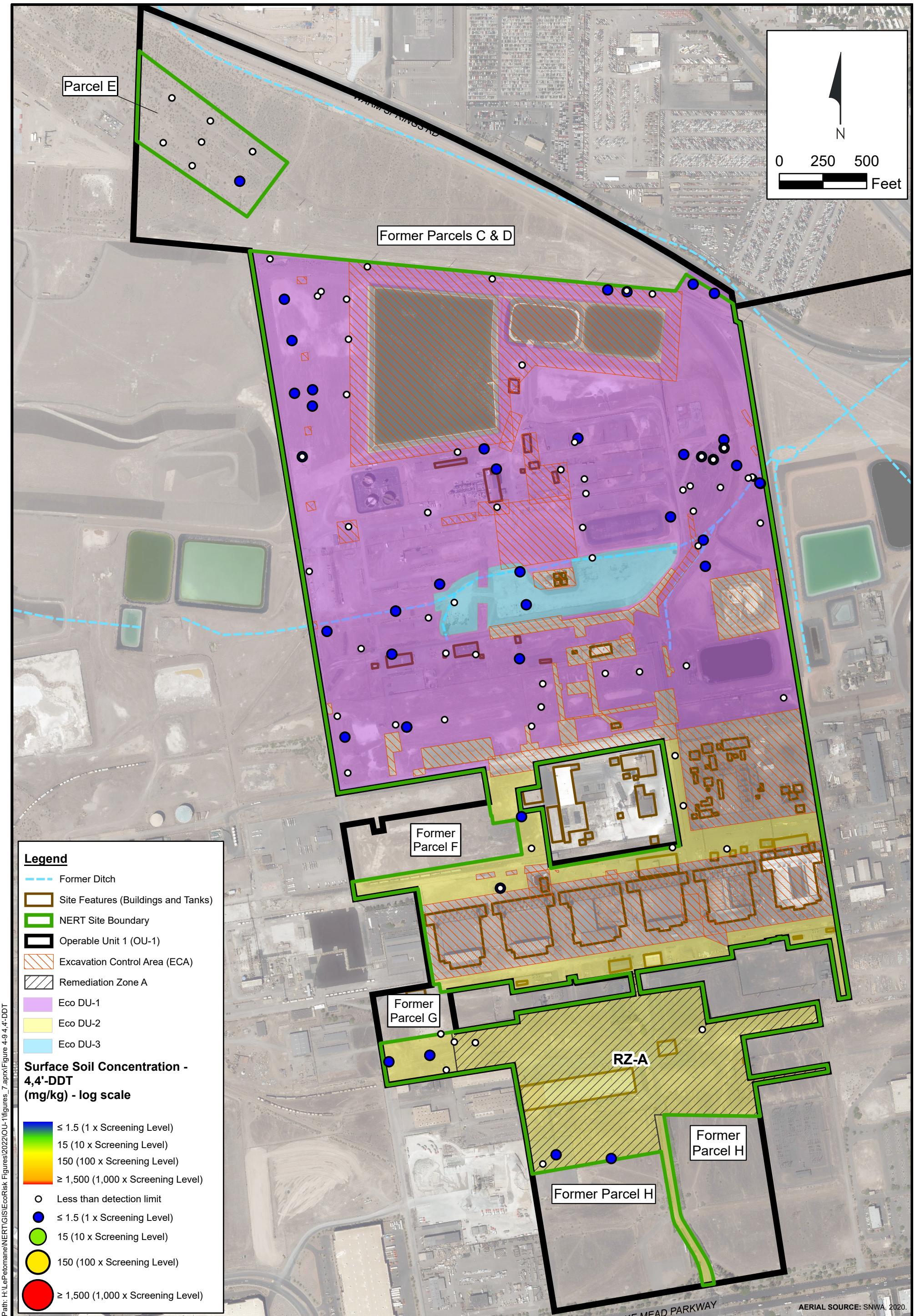
Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_7.aprx\Figure 4-8 4,4'-DDE

RAMBOLL

Spatial Surface Soil Concentration Plot for 4,4'-DDE using the RSV for Invertebrates
Nevada Environmental Response Trust, Henderson, Nevada

Figure **4-8**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



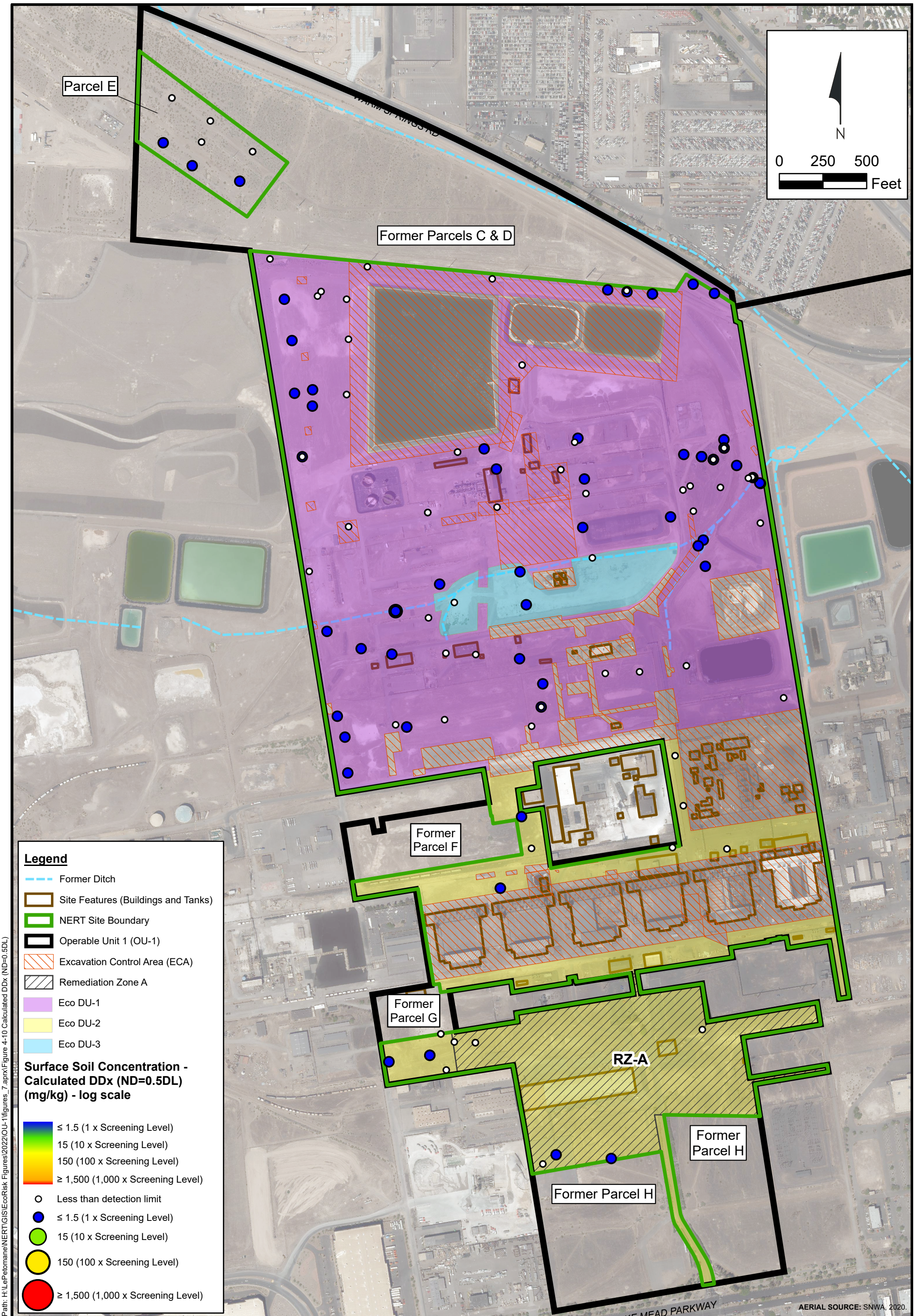
Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_7.aprx\Figure 4-9 4,4'-DDT

RAMBOLL

Spatial Surface Soil Concentration Plot for 4,4'-DDT using the RSV for Invertebrates
Nevada Environmental Response Trust, Henderson, Nevada

Figure **4-9**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_7.aprx\Figure 4-10 Calculated DDx (ND=0.5DL)

RAMBOLL

Spatial Surface Soil Concentration Plot for Calculated DDx (ND=0.5DL) using the RSV for Invertebrates

Nevada Environmental Response Trust, Henderson, Nevada

Figure **4-10**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - beta-BHC (mg/kg) - log scale

- ≤ 5.6 (1 x Screening Level)
- 56 (10 x Screening Level)
- 560 (100 x Screening Level)
- ≥ 5,600 (1,000 x Screening Level)
- Less than detection limit
- ≤ 5.6 (1 x Screening Level)
- 56 (10 x Screening Level)
- 560 (100 x Screening Level)
- ≥ 5,600 (1,000 x Screening Level)

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_7.aprx\Figure 4-11 beta-BHC

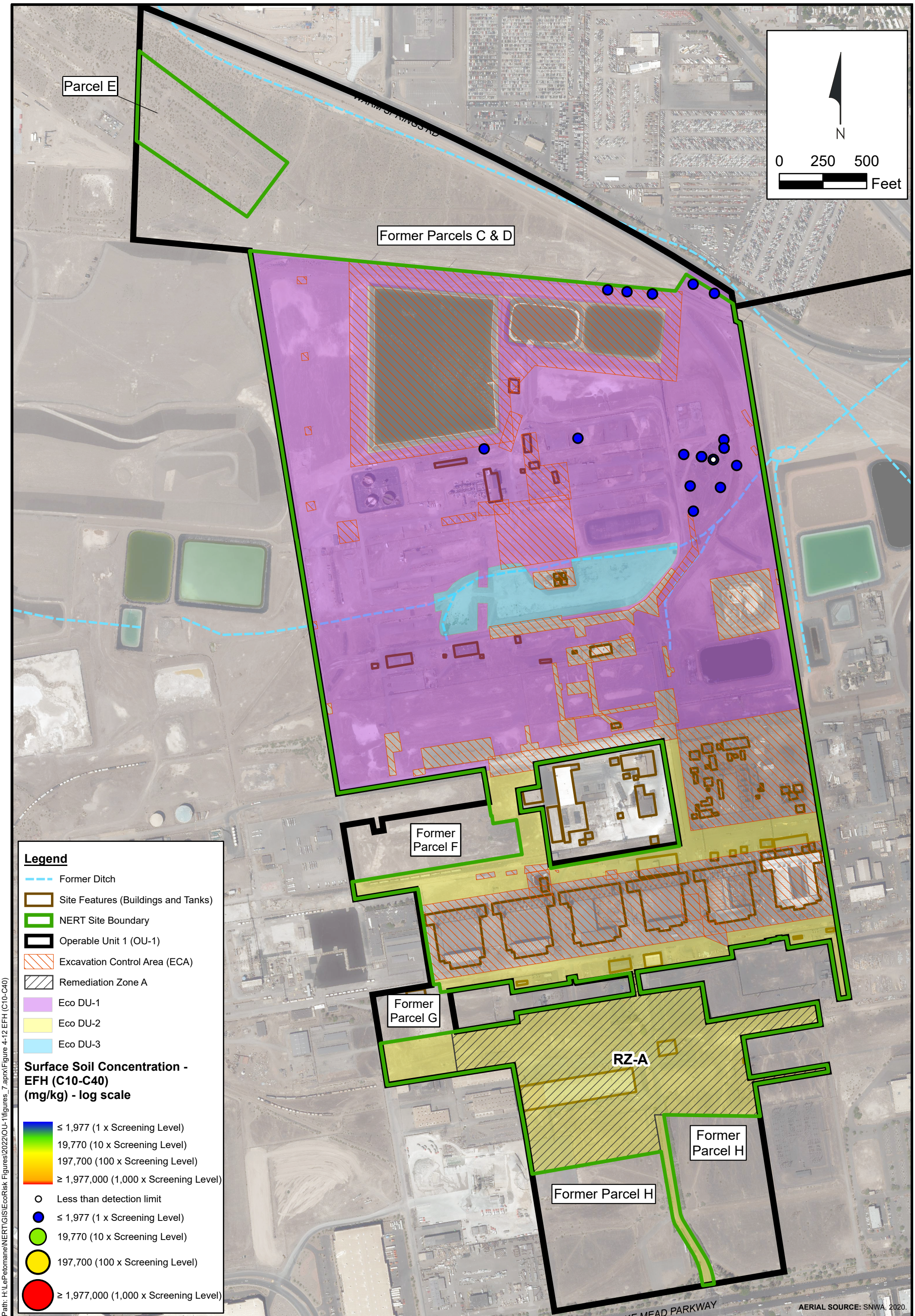
RAMBOLL

Spatial Surface Soil Concentration Plot for beta-BHC using the RSV for Invertebrates

Nevada Environmental Response Trust, Henderson, Nevada

Figure **4-11**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_7.aprx\Figure 4-12 EFH (C10-C40)

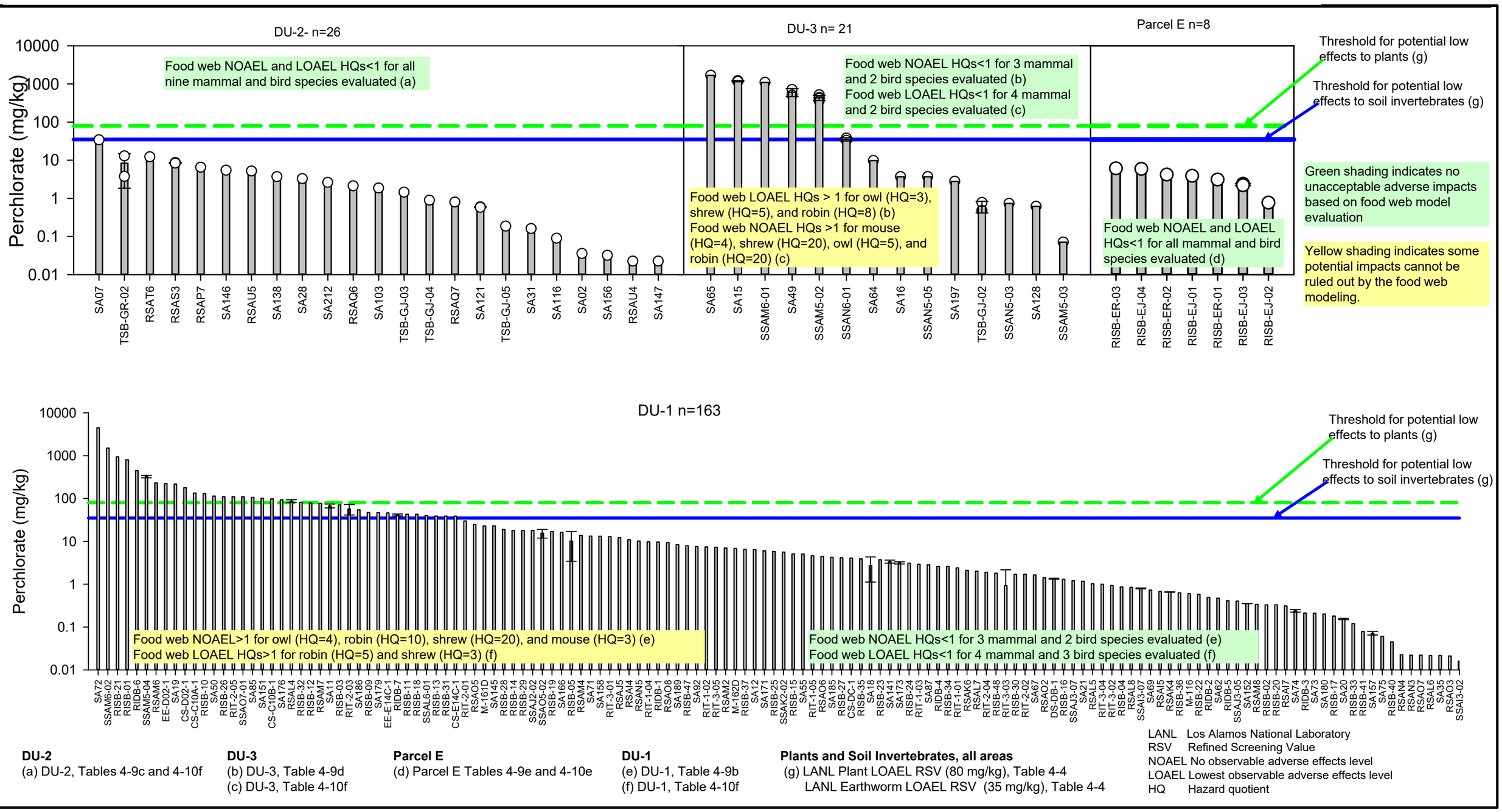
RAMBOLL

Spatial Surface Soil Concentration Plot for EFH (C10-C40) using the RSV for Invertebrates

Nevada Environmental Response Trust, Henderson, Nevada

Figure **4-12**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



DU-2
(a) DU-2, Tables 4-9c and 4-10f

DU-3
(b) DU-3, Table 4-9d
(c) DU-3, Table 4-10f

Parcel E
(d) Parcel E Tables 4-9e and 4-10e

DU-1
(e) DU-1, Table 4-9b
(f) DU-1, Table 4-10f

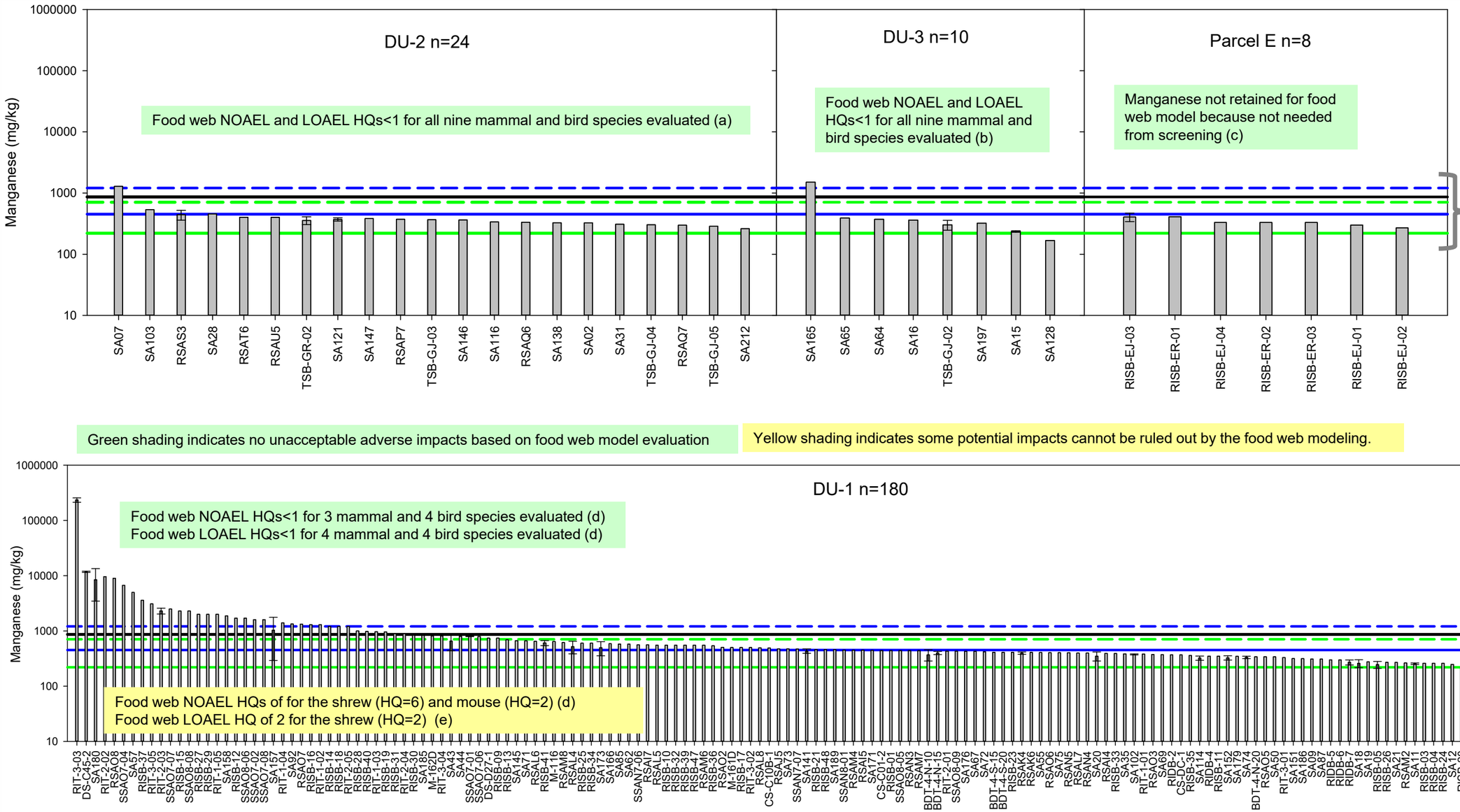
Plants and Soil Invertebrates, all areas
(g) LANL Plant LOAEL RSV (80 mg/kg), Table 4-4
LANL Earthworm LOAEL RSV (35 mg/kg), Table 4-4

LANL Los Alamos National Laboratory
RSV Refined Screening Value
NOAEL No observable adverse effects level
LOAEL Lowest observable adverse effects level
HQ Hazard quotient

RAMBOLL

Perchlorate Concentrations by Area (Log Scale) -- Refined Assessment
NERT Environmental Response Trust Site
Henderson Nevada

FIGURE
4-13



Green shading indicates no unacceptable adverse impacts based on food web model evaluation

Yellow shading indicates some potential impacts cannot be ruled out by the food web modeling.

Eco-SSL Invert RSV = 1,209 mg/kg (h)
Dashed blue line

Maximum background = 863 mg/kg (g)
Solid black line

Eco-SSL Plant RSV = 707 mg/kg (n)
Dashed green line

Eco-SSL Invert ESV = 450 mg/kg (f)
Solid blue line

Eco-SSL Plant ESV = 220 mg/kg (f)
Solid green line

RSV Refined Screening Value
NOAEL No observable adverse effects level
LOAEL Lowest observable adverse effects level
HQ Hazard quotient

DU-2
(a) DU-2, Tables 4-9c and 4-10f

DU-3
(b) DU-3, Table 4-9d

Parcel E
(c) Parcel E Tables 4-9e and 4-10e

DU-1
(d) DU-1, Table 4-9b
(e) DU-1, Table 4-10f

Plants and Soil Invertebrates, all areas
(f) USEPA Eco SSL ESV plant (220 mg/kg), Table 4-4
USEPA Eco SSL ESV soil invertebrates (450 mg/kg), Table 4-4
(g) Background manganese 863 mg/kg, Table 4-1a

(h) Based on studies presented in USEPA 2007 Ecological Soil Screening-Level (Eco-SSL)

RAMBOLL

Manganese Concentrations by Area (Log Scale) – Refined Assessment

NERT Environmental Response Trust Site
Henderson Nevada

FIGURE
4-14

Dashed gray line = USEPA Region 4 ecological screening value for birds of 1.6e-5 mg/kg
Solid gray line = USEPA Region 4 ecological screening value for mammals of 3.5e-6 mg/kg

DU-2 n=28

Food web NOAEL and LOAEL HQs<1 for 4 mammals and 3 birds evaluated (a)
Food web LOAEL HQs<1 for all nine mammals and birds (a)

Food web NOAEL HQs>1 for robin (HQ=2), shrew (HQ=3)(a)

DU-3 n=22

Food web NOAEL HQs<1 for 4 mammals and 2 birds (b)
Food web LOAEL HQs<1 for 4 mammals and 4 birds (c)

Food web NOAEL HQs>1 for owl (HQ=5), robin (HQ=10), and shrew (HQ=9), (b)
Food web LOAEL HQ>1for shrew (HQ=3) (c)

Parcel E n=8

Food web NOAEL HQs<1 for all mammals and 3 birds evaluated (d)
Food web LOAEL HQs<1 for all mammals and birds evaluated (d)

Food web NOAEL HQs>1 for robin (HQ=2)(d)

OU-2 Maximum Detection Mammal TEQ (g)

OU-2 Maximum Detection Avian TEQ (g)

Dioxin/Furan TEQ (mg/kg)

1e-1, 1e-2, 1e-3, 1e-4, 1e-5, 1e-6, 1e-7, 1e-8

SA07, SA103, SA121, SSAQ5-07, RSAU4, SA212, RSAQ6, SA28, RSAU5, TSB-GR-02, RSAP7, SA138, SSAQ6-01, SA146, RSAQ7, SA31, RSAS3, TSB-GJ-04, TSB-GJ-05, SA147, TSB-GJ-03, RSAT6, SA116

DU-1 n=192

SA175, SA16, SA64, BDT-2-S-10, SSAM7-04, BDT-2-S-15, BDT-2-S-20, BDT-2-S-5, BDT-2-N-15, SA197, BDT-2-N-20, SA49, BDT-2-N-10, BDT-2-N-5, TSB-GJ-02

SB-EJ-04, SB-EJ-02, SB-ER-02, SB-EJ-03, SB-ER-03, SB-ER-01, SB-EJ-01

Avian TEQ mg/kg
Mammal TEQ mg/kg

Green shading indicates no unacceptable adverse impacts based on food web model evaluation

Yellow shading indicates some potential impacts cannot be ruled out by the food web modeling.

Food web NOAEL HQs<1 for 3 mammals and 2 birds (e)
Food web LOAEL HQs<1 for 4 mammals and 3 birds (f)

Food web NOAEL HQs>1: owl (HQ=8), robin (HQ=20), shrew (HQ=20), and mouse (HQ=2) (e)
Food web LOAEL HQs>1: robin (HQ=2) and shrew (HQ=5) (f)

OU-2 Maximum Detection Mammal TEQ (g)

OU-2 Maximum Detection Avian TEQ (g)

Dioxin/Furan TEQ (mg/kg)

1e-2, 1e-3, 1e-4, 1e-5, 1e-6, 1e-7, 1e-8

RSAI7, DS-DB-1, RISB-14, EE-D02-1, RSAJ5, SSAK8-07, RISB-40, RISB-39, M-162D, RIT-2-03, SSAK8-06, SSAK4-01, RSAK4, RIT-1-03, SSAK5-01, SA189, SA167, SA92, SSAM6-02, RSAH3, SA75, EE-DB-2, BDT-3-S-10, SA134, SSAP3-01, RSAL8, DS-D27-1, EE-DB-1, CS-DC-1, SSAN6-08, SSAK8-02, M-161D, EE-D25A-1, RISB-12, RSAO3, RIT-2-02, SSAK4-02, EE-D10-1, SSAL3-07, BDT-3-S-5, RISB-47, SA87, RIT-1-04, SSAK6-03, SSAK8-09, SA173, RSAN7, RSAL6, RSAL5, RISB-10, SA71, SA19, CS-C10B-1, SSAI3-01, DSPE-1, RIDB-6, SA158, RSAL4, SSAO4-01, SSAN7-02, SSAO4-05, CS-D02-1, SA207, RSAM6, RISB-48, RISB-09, SA200, RISB-41, SA85, SSAJ3-05, SSAO7-01, RIT-2-01, SSAN6-03, SA67, RIT-1-05, RIT-3-05, DSPE-2, SA179, RISB-13, RIDB-1, RIT-1-02, RIT-1-01, SSAN5-04, BDT-3-N-10, RISB-11, SA145, RSAM4, SSAK5-03, SSAK7-03, BDT-3-N-5, SSAJ3-07, SSAK8-05, RSAM7, RIT-2-04, SA152, SA186, SA62, CS-C10A-1, RIDB-2, RIT-3-03, SSAI3-07, RIDB-3, SA157, RIDB-4, SSAJ3-10, RSAO5, SA70, SA72, SA166, SSAO7-06, CS-D23-2, SA74, RSAN5, RIDB-7, SSAO4-02, RSAI5, SA114, RSAO8, RIT-3-04, SA50, SSAL6-01, SA69, RIDB-5, SA35, RSAM8, SSAL7-02, CS-C07B-1, RIT-2-05, RSAK6, CS-D10-1, SA73, RSAN3, RSAM2, RSAO6, CS-C05A-1, RIT-3-02, SA150, CS-E14C-1, SA185, CS-DC-4, RSAI4, RSAO7, SA151, SA171, SA141, RSAL7, SA176, SSAL3-05, SSAK5-05, SA18, EE-E14C-1, SA55, SSAL8-01, SSAK2-02, SSAK3-02, SSAO8-05, RSAN4, RIT-3-01, SSAI3-02

DU-1
(e) DU-1, Table 4-9b
(f) DU-1, Table 4-10f

DU-2
(a) DU-2, Tables 4-9c and 4-10f. 95% UCL NOAEL HQ =2 but average HQ<1 for mouse (Table 4-9b).

DU-3
(b) DU-3, Table 4-9d
(c) DU-3, Table 4-10f

Parcel E
(d) Parcel E Tables 4-9e and 4-10e

Plants and Soil Invertebrates, all areas
TEQ does not adversely harm plants and soil invertebrates

(g) For comparison, the maximum TEQ in the OU-2 SLERA Dataset resulting in no unacceptable risk for birds and mammals are:
Birds = 4.6E-4 mg/kg (460 parts per trillion avian TEQ)
Mammals = 2.2E-4 mg/kg (220 parts per trillion mammal TEQ)

RAMBOLL

Dioxin/Furan TEQ Concentrations by Area (Log Scale) – Refined Assessment

NERT Environmental Response Trust Site
Henderson Nevada

FIGURE

4-15

APPENDICES

Appendix A	USEPA Completed Ecological Site Reconnaissance Checklist
Appendix B	December 2014 and June 2022 Site Reconnaissance Photo Log
Appendix C	Data Management
Appendix D	Analytical Data Used in the OU-1 Refined SLERA
Appendix E	Background Data
Appendix F	Summary of 95% UCLs for Constituents Retained for Refined Screening by Spatial Unit
Appendix G	Location-Specific Screening for Terrestrial Plants and Invertebrates
Appendix H	Exposure Parameter Documentation for Receptors
Appendix I	Total Daily Intake Documentation for the OU-1 Refined SLERA Food Web Model
Appendix J	Uncertainty Analysis

APPENDIX A
USEPA COMPLETED ECOLOGICAL SITE RECONNAISSANCE CHECKLIST

APPENDIX A-1
USEPA COMPLETED ECOLOGICAL SITE RECONNAISSANCE CHECKLIST
December 2014

CHECKLIST FOR ECOLOGICAL ASSESSMENT/SAMPLING

Introduction

The checklist that follows provides guidance in making observations for an ecological assessment. It is not intended for limited or emergency response actions (e.g., removal of a few drums) or for purely industrial settings with no discharges. The checklist is a screening tool for preliminary site evaluation and may also be useful in planning more extensive site investigations. It must be completed as thoroughly as time allows. The results of the checklist will serve as a staring point for the collection of appropriate biological data to be used in developing a response action. It is recognized that certain questions in this checklist are not universally applicable and that site-specific conditions will influence interpretation. Therefore, a site synopsis is requested to facilitate final review of the checklist by a trained ecologist.

Checklist

The checklist has been divided into sections that correspond to data collection methods and ecosystem types. These sections are:

I Site Description

- IA. Summary of Observations and Site Setting

II Terrestrial Habitat Checklist

- IIA. Wooded
- IIB. Shrub/Scrub
- IIC. Open Field
- IID. Miscellaneous

III Aquatic Habitat Checklist – Non-Flowing Systems

IV Aquatic Habitat Checklist – Flowing Systems

V Wetlands Habitat Checklist

Checklist for Ecological Assessment/Sampling

I. SITE DESCRIPTION

1. Site Name: Nevada Environmental Trust Site

   Location: Henderson, Nevada

   County: Clark City: Henderson State: Nevada

2. Latitude: 36° 02' 35.4" N Longitude: 114° 59' 58.7" W

3. What is the approximate area of the site: 350 Acres

4. Is this the first site visit? (Yes) No. If no, attach trip report of previous site visit(s), if available.

   Date(s) of previous site visit(s): _____

5. Please attach to the checklist USGS topographic map(s) of the site, if available.

6. Are aerial or other site photographs available? (Yes) No. If yes, please attach any available photo(s) to the site map at the conclusion of this section.

Photo log provided as Appendix B of the Refined SLERA Work Plan. Maps have been provided in the Refined SLERA Work Plan.

7. The land use of the site is:

_____ % Urban

_____ % Rural

_____ % Residential

99 % Industrial (___ light ✓ heavy)

_____ % Agricultural

(Crops: _____)

_____ % Recreational

(Describe: note if it is a park etc.)

_____

_____

_____ % Undisturbed

_____ % Other

The area surrounding the site is:
_____ mile radius

30 % Urban

_____ % Rural

_____ % Residential

70 % Industrial (✓ light ✓ heavy)

_____ % Agricultural

(Crops: _____)

_____ % Recreational

(Describe: note if it is a park, etc.)

_____

_____

_____ % Undisturbed

_____ % Other

8. Has any movement of soil taken place at the site? ✓ Yes ___ No. If yes, please identify the most likely cause of this disturbance:

Agricultural Use	Heavy Equipment	Mining
Natural Events	Erosion	Other

Please describe:

Contaminated soil has been removed. Details of the soil removal can be found in the "Interim Soil Removal Action Completion Report" (ENVIRON 2012).

9. Do any potential sensitive environmental areas exist adjacent to or in proximity to the site, e.g., Federal and State parks, National and State monuments, wetlands, prairie potholes? *Remember, flood plains and wetlands are not always obvious; do not answer "no" without confirming information.*

Las Vegas Wash (2.5 miles) / Clark Co Wetlands Park (7.1 miles from site)
Henderson Bird Viewing Preserve (5.8 miles from site)

Please provide the source(s) of the information used to identify these sensitive areas, and indicate their general location on the site map.

Google Earth, USGS topo maps, area maps, Site Maps

10. What type of facility is located at the site?

(Chemical) Manufacturing Mixing Waste disposal

Other (specify)_____

11. What are the suspected contaminants of concern at the site? If know, what are the maximum concentration levels?

Perchlorate, metals, dioxins, PAHs

12. Check any potential routes of off-site migration of contaminants observed at the site:

Swales Depressions (Drainage ditches) Beta Ditch * See below

Runoff Windblown particulates Vehicular traffic

Other (specify)_____

13. If known, what is the approximate depth to the water table? 35 to 40 feet below ground surface

14. Is the direction of surface runoff apparent from site observations? yes (no) If yes, to which of the following does the surface runoff discharge? Indicate all that apply.

Surface water Groundwater Sewer Collection impoundment

15. Is there a navigable waterbody or tributary to a navigable waterbody? yes (no)

* The facility area was graded so that stormwater would be retained on-site. Also, two main designated retention basins and a drainage channel to collect storm water. The retention basins are typically dry.

16. Is there a waterbody anywhere on or in the vicinity of the site? If yes, also complete Section III: Aquatic Habitat Checklist – Non-Flowing Systems and/or Section IV: Aquatic Habitat Checklist – Flowing Systems.

yes (approx. distance _____) (no)

17. Is there evidence of flooding? yes (no) *Wetlands and flood plains are not always obvious; do not answer "no" without confirming information.* If yes, complete Section V: Wetland Habitat Checklist.

18. If a field guide was used to aid any of the identifications, please provide a reference. Also, estimate the time spent identifying fauna. [Use a blank sheet if additional space is needed for text.]

The Site reconnaissance was conducted by a certified biologist.

The Peterson field Guides were used during the Site Recon.

19. Are any threatened and/or endangered species (plant or animal) known to inhabit the area of the site? (yes) no *If yes, you are required to verify this information with the U.S. Fish and Wildlife Service.* If species' identities are known, please list them next.

There are currently three species federally-listed as threatened or endangered under ESA. These include desert tortoise (Gopherus agassizii), Southwestern willow flycatcher (Empidonax traillii extimus), and the Yuma Clapper rail (Rallus longirostris yumanensis). These species may be found at Clark Co. Wetlands, LV Wash or Bird Preserve but are not found in or around the immediate vicinity of the Site.

20. Record weather conditions at the time this checklist was prepared:

Date: Dec. 10 - 11

60-63 Temperature (C/(F))

4-5 mph Wind (direction/speed)

30% Cloud cover

56°F Normal daily high temperature

0 inch Precipitation ((rain), snow)

IA. SUMMARY OF OBSERVATIONS AND SITE SETTING

The ecology at the NERT Site is barren and dry with little or no vegetation. The few plants on the property are sparsely distributed and are less than 2 feet high (see photo log - Appendix B of the Refined SLERA Work Plan). Outside of the fenceline shrubs reach heights of approximately 5-6 feet. No mammals were observed on the Site during the two day site reconnaissance. However, coyote have been observed outside of the fenceline and on the property on the debris pile (see figure 1-3 of the Refined SLERA Work Plan).

A red-tailed hawk was observed on a telephone wire off Boulder Highway on Parcel D to the north of the Site. A burrowing owl was observed outside of the eastern fence line.

Completed by Linda Martello Affiliation ENVIRON

Additional Preparers

Site Manager John Pekala (ENVIRON)

Date Dec 11, 2014

II TERRESTRIAL HABITAT CHECKLIST

IIA. WOODED

1. Are there any wooded areas at the site? yes (no) If no, go to Section IIB: Shrub/Scrub.

2. What percentage or area of the site is wooded? (_____ % _____ acres). Indicate the wooded area on the site map which is attached to a copy of this checklist. Please identify what information was used to determine the wooded area of the site.

N/A

3. What is the dominant type of vegetation in the wooded area? (Circle one: Evergreen/Deciduous/Mixed) Provide a photograph, if available. N/A

Dominant plant, if known: _____

4. What is the predominant size of the trees at the site? Use diameter at breast height. N/A

0 - 6 in. 6 - 12 in. >12 in.

5. Specify type of understory present, if known. Provide a photograph, if available.

Photos of vegetation are provided in Appendix B of the Refined SLERA Work Plan.

IIB. SCHRUB/SCRUB

1. Is shrub/scrub vegetation present at the site? (yes) no If no, go to Section IIC: Open Field.

2. What percentage of the site is covered by scrub/shrub vegetation? (_1_ % _____ acres). Indicate the areas of shrub/scrub on the site map. Please identify what information was used to determine this area.

Shrubs occur intermittently along the fence line and in small (5 x 5 ft) patches near drainage areas (Beta ditch)

3. What is the dominant type of scrub/shrub vegetation, if known? Provide a photograph, if available.

Dominant shrub type is creosote bush, sagebrush

4. What is the approximate average height of the scrub/shrub vegetation?

(0 - 2 ft.) 2 - 5 ft. > 5 ft.

5. Based on site observations, how dense is the scrub/shrub vegetation?

Dense Patchy (Sparse) very sparse

IIC. OPEN FIELD

1. Are there open (bare, barren) field areas present at the site? yes (no) If yes, please indicate the type below:

Prairie/plains Savannah Old field Other (specify) _____

2. What percentage of the site is open field? (_____ % _____ acres). Indicate the open fields on the site map.

3. What is/are the dominant plant(s)? Provide a photograph, if available.

4. What is the approximate average height of the dominant plant? _____

5. Describe the vegetation cover: Dense Sparse Patchy

IID. MISCELLANEOUS

1. Are other types of terrestrial habitats present at the site, other than woods, scrub/shrub, and open field? yes (no) If yes, identify and describe them below.

2. Describe the terrestrial miscellaneous habitat(s) and identify these area(s) on the site map.

A photo log is provided in Appendix B of the refined SLERA Work Plan.

3. What observations, if any, were made at the site regarding the presence and/or absence of insects, fish, birds, mammals, etc.?

Small song birds were observed intermittently at the site. A burrowing owl was observed by staff on the east side of OU-1 at the eastern end of the Beta Ditch outside of the fence.

4. Review the questions in Section I to determine if any additional habitat checklists should be completed for this site.

III AQUATIC HABITAT CHECKLIST

Note: Aquatic systems are often associated with wetland habitats. Please refer to Section V, Wetland Habitat Checklist.

1. What type of open-water, non-flowing system is present at the site?

   Natural (pond, lake)
   Artificially created (lagoon, reservoir, canal, impoundment) - permitted pond - not habitat

2. If known, what is the name(s) of the waterbody(ies) on or adjacent to the site?
   WC-West, WC-East, Mn-1, GW-11

3. If a waterbody is present, what are its known uses (e.g., recreation, navigation, etc.)?
   Process water, extracted groundwater from Remediation activities

4. What is the approximate size of the waterbody(ies)? _____ acre(s).
   GW11 = 9.5 acres, WC-West + WC-East = 2.6 acres each

5. Is any aquatic vegetation present? yes (no) If yes, please identify the type of vegetation present if known.

   Emergent Submergent Floating

6. If known, what is the depth of the water? approximately 9-10 feet

7. What is the general composition of the substrate? Check all that apply.

Bedrock	Sand (coarse)	Muck (find/black)
Boulder (>10 in.)	Silt (fine)	Debris
Cobble (2.5 - 10 in.)	Marl (shells)	Detritus
Gravel (0.1 - 2.5 in.)	Clay (slick)	Concrete

   Other (specify) Concrete lined

8. What is the source of water in the waterbody?

River/Stream/Creek	Groundwater	(Industrial discharge)
Surface runoff	Other (specify) _____	

9. Is there a discharge from the site to the waterbody? (yes) no If yes, please describe this discharge and its path.

The ponds contain process-related water and groundwater from remediation activities.

10. Is there a discharge from the waterbody? yes (no.) If yes, and the information is available, identify from the list below the environment into which the waterbody discharges.

River/Stream/Creek	onsite	offsite	Distance _____
Groundwater	onsite	offsite	
Wetland	onsite	offsite	Distance _____
Impoundment	onsite	offsite	

11. Identify any field measurements and observations of water quality that were made. For those parameters for which data were collected provide the measurement and the units of measure below:

No measurements were made During the Site Recon.

~ 414,000 Sq. Ft. Area

20ft. ~~to top~~ of Berm Depth (average)

NA Temperature (depth of the water at which the reading was taken) _____

NA pH

NA = Not available

NA Dissolved oxygen

NA Salinity

NA Turbidity (clear, slightly turbid, turbid, opaque) (Seecchi disk depth _____)

— Other (specify)

12. Describe observed color and area of coloration.

Dark consistent with the black liner.

13. Mark the open-water, non-flowing system on the site map attached to this checklist.

14. What observations, if any, were made at the waterbody regarding the presence and/or absence of benthic macroinvertebrates, fish, birds, mammals, etc.?

Several mallards and coots were observed. However, no dabbling was observed during the observation period (1/2 hour)

IV AQUATIC HABITAT CHECKLIST – FLOWING SYSTEMS Not Applicable

Note: Aquatic systems are often associated with wetland habitats. Please refer to Section V, Wetland Habitat Checklist.

1. What type(s) of flowing water system(s) is (are) present at the site? None

River	Stream	Creek
Dry wash	Arroyo	Brook
Artificially created (ditch, etc.)	Intermittent Stream	Channeling

Other (specify) _____

2. If known, what is the name of the waterbody? _____

3. For natural systems, are there any indicators of physical alteration (e.g. channeling, debris, etc.)? yes no If yes, please describe indicators that were observed.

4. What is the general composition of the substrate? Check all that apply.

Bedrock	Sand (coarse)	Muck (find/black)
Boulder (>10 in.)	Silt (fine)	Debris
Cobble (2.5 - 10 in.)	Marl (shells)	Detritus
Gravel (0.1 - 2.5 in.)	Clay (slick)	Concrete

Other (specify) _____

5. What is the condition of the bank (e.g., height, slope, extent of vegetative cover)?

6. Is the system influenced by tides? yes no What information was used to make this determination?

7. Is the flow intermittent? yes no If yes, please note the information that was used in making this determination.

8. Is there a discharge from the site to the waterbody? yes no If yes, please describe the discharge and its path.

9. Is there a discharge from the waterbody? yes no If yes, and the information is available, please identify what the waterbody discharges to and whether the discharge is on site or off site.

10. Identify any field measurements and observations of water quality that were made. For those parameters for which data were collected, provide the measurement and the units of measure in the appropriate space below:

_____ Area

_____ Depth (average)

_____ Temperature (depth of the water at which the reading was taken) _____

_____ pH

_____ Dissolved oxygen

_____ Salinity

_____ Turbidity (clear, slightly turbid, turbid, opaque) (Seecchi disk depth _____)

_____ Other (specify)

11. Describe observed color and area of coloration.

12. Is any aquatic vegetation present? yes no If yes, please identify the type of vegetation present, if know.

Emergent Submergent Floating

13. Mark the flowing water system on the attached site map.

14. What observations were made at the waterbody regarding the presence and/or absence of benthic macroinvertebrates, fish, birds, mammals, etc.?

V. WETLAND HABITAT CHECKLIST

1. Based on observation and/or available information, are designated or known wetland definitely present at the site? yes (no)

No wetland is present at the Site

Please note the sources of observations and information used (e.g., USGS Topographic Maps, National Wetland Inventory, Federal or State Agency, etc.) To make this determination.

Site reconnaissance, Google Earth Maps

2. Based on the location of the site (e.g., along a waterbody, in a floodplain) and site conditions (e.g. standing water, dark, wet soils; mud cracks; debris line; water marks), are wetland habitats suspected? yes (no) If yes, proceed with the remainder of the wetland habitat identification checklist.

3. What type(s) of vegetation are present in the wetland? N/A

   Submergent Emergent Scrub/Shrub Wooded
   Other (specify) _____

4. Provide a general description of the vegetation present in and around the wetland (height, color, etc.). Provide a photograph of the known or suspected wetlands, if available.

5. Is standing water present? yes (no) If yes, is water: Fresh Brackish
   What is the approximate area of the water (sq. ft.) _____
   Please complete questions 4, 11, 12 in Checklist III - Aquatic Habitat – Non-Flowing Systems.

6. Is there evidence of flooding at the site? What observations were noted?

   Buttressing Water marks Mud cracks

   Debris line Other (describe below)

7. If known, what is the source of the water in the wetland? N/A

Stream/River/Creek/Lake/Pond | Groundwater

Flooding | Surface Runoff

8. Is there a discharge from the site to a known or suspected wetland? yes no If yes, please describe.

Potential impacted groundwater discharge from the Site to surface water at Las Vegas Wash (2 miles). Mitigation measures in the form of an extraction and treatment system is in place. Discharges into the Las Vegas Wash have been significantly reduced. Following aquifer restoration, the Trust will conduct an ERA for downgradient areas including the wash.

9. Is there a discharge from the wetland? yes no If yes, to what waterbody is discharge released?

Surface Stream/River | Groundwater | (Lake/Pond) | Marine

Las Vegas wash empties into Lake Mead

10. If a soil sample was collected, describe the appearance of the soil in the wetland area. Circle or write in the best response.

Color (blue/grey, brown, black, mottled) _____

Water content (dry, wet, saturated/unsaturated) _____

11. Mark the observed area(s) on the attached site map.

See Figure 1-2 of the Refined SLERA Work Plan

APPENDIX A-2
USEPA COMPLETED ECOLOGICAL SITE RECONNAISSANCE CHECKLIST
June 2022

APPENDIX A - CHECKLIST FOR ECOLOGICAL ASSESSMENT/SAMPLING

Introduction

The checklist that follows provides guidance in making observations for an ecological assessment. It is not intended for limited or emergency response actions (e.g., removal of a few drums) or for purely industrial settings with no discharges. The checklist is a screening tool for preliminary site evaluation and may also be useful in planning more extensive site investigations. It must be completed as thoroughly as time allows. The results of the checklist will serve as a starting point for the collection of appropriate biological data to be used in developing a response action. It is recognized that certain questions in this checklist are not universally applicable and that site-specific conditions will influence interpretation. Therefore, a site synopsis is requested to facilitate final review of the checklist by a trained ecologist.

Checklist

The checklist has been divided into sections that correspond to data collection methods and ecosystem types. These sections are:

I. Site Description

   IA. Summary of Observations and Site Setting

II. Terrestrial Habitat Checklist

   IIA. Wooded
   IIB. Shrub/Scrub
   IIC. Open Field
   IID. Miscellaneous

III. Aquatic Habitat Checklist -- Non-Flowing Systems

IV. Aquatic Habitat Checklist -- Flowing Systems

V. Wetlands Habitat Checklist

Checklist for Ecological Assessment/Sampling

I. SITE DESCRIPTION

1. Site Name: Nevada Environmental Response Trust Operable Unit 1
   Location: Henderson, Nevada

   County: Clark City: Henderson State: Nevada

2. Latitude: 36°02'35.4"N Longitude: 114°59'58.7"W

3. What is the approximate area of the site? 346 acres

4. Is this the first site visit? ☐ yes ☑ no If no, attach trip report of previous site visit(s), if available.
   Date(s) of previous site visit(s): December 2014 Attached as Appendix A-1

5. Please attach to the checklist USGS topographic map(s) of the site, if available.
   Maps are provided throughout the report

6. Are aerial or other site photographs available? ☐ yes ☐ no If yes, please attach any available photo(s) to the site map at the conclusion of this section.
   Maps are provided throughout the report and a complete photolog that includes photos from 12/2014 and 6/2022 are provided in Appendix B.

7. The land use on the site is:

_____% Urban	20 % Urban
_____% Rural	_____% Rural
_____% Residential	20 % Residential
99.5 % Industrial (☐ light ☑ heavy)	60 % Industrial (☑ light ☑ heavy)
_____% Agricultural	_____% Agricultural
(Crops: 0.5 +/- Fallow field Parcel E)	(Crops: _____)
_____% Recreational	_____% Recreational
(Describe; note if it is a park, etc.)	*(Describe; note if it is a park, etc.)*
_____	_____
_____	_____
_____% Undisturbed	_____% Undisturbed
_____% Other	_____% Other

8. Has any movement of soil taken place at the site? ☑ yes ☐ no. If yes, please identify the most likely cause of this disturbance:

_____ Agricultural Use	_____ Heavy Equipment	_____ Mining
_____ Natural Events	_____ Erosion	_____ Other

Please describe:

Contaminated soil has been removed from various locations within the OU-1 Study Area. Details of the various soil removal actions can be found in the OU-1 Remedial Investigation (Ramboll 2023) and in the "Interim Soil Removal Action Completion Report" (ENVIRON 2012).

9. Do any potentially sensitive environmental areas exist adjacent to or in proximity to the site, e.g., Federal and State parks, National and State monuments, wetlands, prairie potholes? *Remember, flood plains and wetlands are not always obvious; do not answer "no" without confirming information.*

- Las Vegas Wash (2.5 miles)
- Clark County Wetlands Park (7.1 miles)
- Henderson Bird Viewing Preserve (5.8 miles)

Please provide the source(s) of information used to identify these sensitive areas, and indicate their general location on the site map.

10. What type of facility is located at the site?

☑ Chemical ☑ Manufacturing ☐ Mixing ☐ Waste disposal

☐ Other (specify)_____

11. What are the suspected contaminants of concern at the site? If known, what are the maximum concentration levels?

Perchlorate, Dioxins/Furans, Manganese, certain pesticides, certain SVOCs.

12. Check any potential routes of off-site migration of contaminants observed at the site:

☐ Swales ☐ Depressions ☐ Drainage ditches

☐ Runoff ☑ Windblown particulates ☐ Vehicular traffic

☐ Other (specify) Drainage ditches were remediated to no longer flow off-site.

13. If known, what is the approximate depth to the water table? 30-40 feet

14. Is the direction of surface runoff apparent from site observations? ☐ yes ☑ no If yes, to which of the following does the surface runoff discharge? Indicate all that apply.

☐ Surface water ☐ Groundwater ☐ Sewer ☐ Collection impoundment

15. Is there a navigable waterbody or tributary to a navigable waterbody? ☐ yes ☑ no

16. Is there a waterbody anywhere on or in the vicinity of the site? If yes, also complete Section III: Aquatic Habitat Checklist -- Non-Flowing Systems and/or Section IV: Aquatic Habitat Checklist -- Flowing Systems.

☑ yes (approx. distance LVW 2.5 miles from OU-1) ☐ no There is a retention pond (OW-11) on site that is not a wetland and is plastic-lined

17. Is there evidence of flooding? ☐ yes ☑ no *Wetlands and flood plains are not always obvious; do not answer "no" without confirming information.* If yes, complete Section V: Wetland Habitat Checklist.

18. If a field guide was used to aid any of the identifications, please provide a reference. Also, estimate the time spent identifying fauna. [Use a blank sheet if additional space is needed for text.]

The site recon was conducted by a qualified biologist in 2014 and 2022. The same biologist conducted both site recons. The Peterson Guide and the Clark County Multiple Species Habitat Conservation Plan were consulted.

19. Are any threatened and/or endangered species (plant or animal) known to inhabit the area of the site? ☐ yes ☑ no *If yes, you are required to verify this information with the U.S. Fish and Wildlife Service.* If species' identities are known, please list them next.

There are several special status species present within Clark County. These species have the potential to be present within the Las Vegas Wash Area but not within OU-1

20. Record weather conditions at the time this checklist was prepared:

DATE: _____

80 Temperature (°C/°F) — 75 % Normal daily high temperature

15 mph Wind (direction/speed) — 0 Precipitation (rain, snow)

20 % Cloud cover

IA. SUMMARY OF OBSERVATIONS AND SITE SETTING

As described in the ecological checklist prepared in 2014, the ecology within OU-1 is devoid of quality habitat. The soils are heavily compacted & vegetation is sparse to nonexistent consisting of individual scrub vegetation cropping up in cracks along abandoned cement structure where a fraction of water can accumulate. See photo log provided as Appendix B.

Wildlife does not frequent the site due to lack of habitat, lack of foraging opportunities. Historically, there have been observations of coyote trotting across the site but no observations of coyote or other wildlife has been observed in several years. Road runners at the entrance of OU-1 are still observed.

Completed by Linda Martella Affiliation Ramboll

Additional Preparers —

Site Manager Chris Stubbs

Date June 2022

II. TERRESTRIAL HABITAT CHECKLIST

IIA. WOODED

1. Are there any wooded areas at the site? ☐ yes ☑ no If no, go to Section IIB: Shrub/Scrub.

2. What percentage or area of the site is wooded? (0 % _____ acres). Indicate the wooded area on the site map which is attached to a copy of this checklist. Please identify what information was used to determine the wooded area of the site.

3. What is the dominant type of vegetation in the wooded area? (Circle one: Evergreen/Deciduous/ Mixed) Provide a photograph, if available.

   Dominant plant, if known: N/A

4. What is the predominant size of the trees at the site? Use diameter at breast height. N/A

   ☐ 0-6 in. ☐ 6-12 in. ☐ > 12 in.

5. Specify type of understory present, if known. Provide a photograph, if available. N/A

   See photo log in Appendix B.

IIB. SHRUB/SCRUB

1. Is shrub/scrub vegetation present at the site? ☑ yes ☐ no If no, go to Section IIC: Open Field.

2. What percentage of the site is covered by scrub/shrub vegetation? (0.1 % _____ acres). Indicate the areas of shrub/scrub on the site map. Please identify what information was used to determine this area.

   There is very little vegetation at the site. Weeds crop up in cracks near the fence line and along abandoned cement pads where water can accumulate.

3. What is the dominant type of scrub/shrub vegetation, if known? Provide a photograph, if available.

   Creosote bush, weeds

4. What is the approximate average height of the scrub/shrub vegetation?

   ☑ 0-2 ft. ☐ 2-5 ft. ☐ > 5 ft.

5. Based on site observations, how dense is the scrub/shrub vegetation?

☐ Dense ☐ Patchy ☑ Sparse – very

IIC. OPEN FIELD

1. Are there open (bare, barren) field areas present at the site? ☐ yes ☑ no If yes, please indicate the type below: area but Parcel E is a barren field. not with the Operation

☐ Prairie/plains ☐ Savannah ☑ Old field ☐ Other (specify)_____

2. What percentage of the site is open field? (_____%_____ acres). Indicate the open fields on the site map.

3. What is/are the dominant plant(s)? Provide a photograph, if available.

Creosote bush, sage brush, weeds.

4. What is the approximate average height of the dominant plant? 2-3 feet in Parcel E only

5. Describe the vegetation cover: ☐ Dense ☐ Sparse ☑ Patchy

IID. MISCELLANEOUS

1. Are other types of terrestrial habitats present at the site, other than woods, scrub/shrub, and open field? ☐ yes ☑ no If yes, identify and describe them below.

2. Describe the terrestrial miscellaneous habitat(s) and identify these area(s) on the site map.

See Photo log presented as Appendix B.

3. What observations, if any, were made at the site regarding the presence and/or absence of insects, fish, birds, mammals, etc.?

There is little to no wildlife within the Operations Area. Occasionally, ducks, coots will rest on the GW-11 pond but no dabbling was observed and the pond is plastic lined. The permitted pond is not considered wetland habitat in the ERA.

4. Review the questions in Section I to determine if any additional habitat checklists should be completed for this site.

No

III. AQUATIC HABITAT CHECKLIST -- NON-FLOWING SYSTEMS

Note: Aquatic systems are often associated with wetland habitats. Please refer to Section V, Wetland Habitat Checklist.

1. What type of open-water, non-flowing system is present at the site? None re natural system but there is a permitted retention pond (GW-11)

   ☐ Natural (pond, lake)
   ☐ Artificially created (lagoon, reservoir, canal, impoundment)

2. If known, what is the name(s) of the waterbody(ies) on or adjacent to the site?

   GW-11. The previous permitted ponds (WC-West, WC-east + Mo-1) have been closed/removed.

3. If a waterbody is present, what are its known uses (e.g.: recreation, navigation, etc.)?

4. What is the approximate size of the waterbody(ies)? 9.5 acre(s).
   GW-11

5. Is any aquatic vegetation present? ☐ yes ☑ no If yes, please identify the type of vegetation present if known.

   ☐ Emergent ☐ Submergent ☐ Floating

6. If known, what is the depth of the water? 9-10 feet

7. What is the general composition of the substrate? Check all that apply.

   ☐ Bedrock ☐ Sand (coarse) ☐ Muck (fine/black)
   ☐ Boulder (>10 in.) ☐ Silt (fine) ☐ Debris
   ☐ Cobble (2.5-10 in.) ☐ Marl (shells) ☐ Detritus
   ☐ Gravel (0.1-2.5 in.) ☐ Clay (slick) ☐ Concrete
   ☐ Other (specify) This is a concrete and plastic lined retention pond.

8. What is the source of water in the waterbody?

   ☐ River/Stream/Creek ☐ Groundwater ☐ Other (specify)_____
   ☑ Industrial discharge ☐ Surface runoff

9. Is there a discharge from the site to the waterbody? ☑ yes ☐ no If yes, please describe this discharge and its path.

The GW-11 pond contains process-related water related to remediation activities.

10. Is there a discharge from the waterbody? ☐ yes ☑ no If yes, and the information is available, identify from the list below the environment into which the waterbody discharges.

☐ River/Stream/Creek	☐ onsite	☐ offsite	Distance_____
☐ Groundwater	☐ onsite	☐ offsite	
☐ Wetland	☐ onsite	☐ offsite	Distance_____
☐ Impoundment	☐ onsite	☐ offsite	

11. Identify any field measurements and observations of water quality that were made. For those parameters for which data were collected provide the measurement and the units of measure below:

_____ Area See the OU-1 Remedial Investigation

_____ Depth (average) regarding the GW-11 pond.

_____ Temperature (depth of the water at which the reading was taken) _____

_____ pH

_____ Dissolved oxygen

_____ Salinity

_____ Turbidity (clear, slightly turbid, turbid, opaque) (Secchi disk depth _____)

_____ Other (specify)

12. Describe observed color and area of coloration.

Dark consistent with the black lining material in the pond.

13. Mark the open-water, non-flowing system on the site map attached to this checklist.

14. What observations, if any, were made at the waterbody regarding the presence and/or absence of benthic macroinvertebrates, fish, birds, mammals, etc.?

Ramboll is currently preparing the OU-3 Baseline Ecological Risk Assessment to characterize conditions within the Las Vegas Wash that is approximately 2.5 miles north of OU-1.

The GW-11 pond does not contain benthic invertebrate or fish as there is no bottom sediment and inverts and fish would have no foraging opportunities. Birds occassionally rest on the pond but do not forage. Mammals are not present.

IV. AQUATIC HABITAT CHECKLIST -- FLOWING SYSTEMS

No aquatic habitat within OU-1

Note: Aquatic systems are often associated with wetland habitats. Please refer to Section V, Wetland Habitat Checklist.

1. What type(s) of flowing water system(s) is (are) present at the site?

☐ River	☐ Stream	☐ Creek
☐ Dry wash	☐ Arroyo	☐ Brook
☐ Artificially created (ditch, etc.)	☐ Intermittent Stream	☐ Channeling
	☐ Other (specify)_____	

2. If known, what is the name of the waterbody?_____

3. For natural systems, are there any indicators of physical alteration (e.g., channeling, debris, etc.)?
☐ yes ☐ no If yes, please describe indicators that were observed.

4. What is the general composition of the substrate? Check all that apply.

☐ Bedrock	☐ Sand (coarse)	☐ Muck (fine/black)
☐ Boulder (>10 in.)	☐ Silt (fine)	☐ Debris
☐ Cobble (2.5-10 in.)	☐ Marl (shells)	☐ Detritus
☐ Gravel (0.1-2.5 in.)	☐ Clay (slick)	☐ Concrete
☐ Other (specify)_____		

5. What is the condition of the bank (e.g., height, slope, extent of vegetative cover)?

6. Is the system influenced by tides? ☐ yes ☐ no What information was used to make this determination?

7. Is the flow intermittent? ☐ yes ☐ no If yes, please note the information that was used in making this determination.

8. Is there a discharge from the site to the waterbody? ☑ yes ☐ no If yes, please describe the discharge and its path.

GW beneath OU-1 flows northward to the Las Vegas Wash

9. Is there a discharge from the waterbody? ☑ yes ☐ no If yes, and the information is available, please identify what the waterbody discharges to and whether the discharge is on site or off site.

Las Vegas Wash flows to Lake Mead

10. Identify any field measurements and observations of water quality that were made. For those parameters for which data were collected, provide the measurement and the units of measure in the appropriate space below:

____ Width (ft.) Please see the OU-1 Remedial Investigation Report (Ramboll 2023) for details surrounding the GW characterization.

____ Depth (ft.)

____ Velocity (specify units):

____ Temperature (depth of the water at which the reading was taken_____)

____ pH

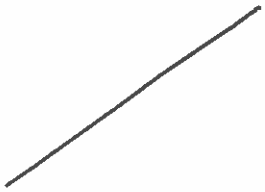
____ Dissolved oxygen

____ Salinity

____ Turbidity (clear, slightly turbid, turbid, opaque)
(Secchi disk depth _____)

____ Other (specify)_____

11. Describe observed color and area of coloration.



12. Is any aquatic vegetation present? ☐ yes ☑ no If yes, please identify the type of vegetation present, if known.

☐ Emergent ☐ Submergent ☐ Floating

13. Mark the flowing water system on the attached site map. N/A

14. What observations were made at the waterbody regarding the presence and/or absence of benthic macroinvertebrates, fish, birds, mammals, etc.?

No wetlands on the OU-1 property

V. WETLAND HABITAT CHECKLIST

1. Based on observations and/or available information, are designated or known wetlands definitely present at the site?
☐ yes ☑ no

   Please note the sources of observations and information used (e.g., USGS Topographic Maps, National Wetland Inventory, Federal or State Agency, etc.) to make this determination.

   In person Site Recon of OU-1 and Surrounding areas.
   USGS Topo Maps, NWI.

2. Based on the location of the site (e.g., along a waterbody, in a floodplain) and site conditions (e.g., standing water; dark, wet soils; mud cracks; debris line; water marks), are wetland habitats suspected?
☐ yes ☑ no If yes, proceed with the remainder of the wetland habitat identification checklist.

3. What type(s) of vegetation are present in the wetland? OU-1 does not contain a wetland

   ☐ Submergent ☐ Emergent
   ☐ Scrub/Shrub ☐ Wooded

   ☐ Other (specify)_____

4. Provide a general description of the vegetation present in and around the wetland (height, color, etc.). Provide a photograph of the known or suspected wetlands, if available.

5. Is standing water present? ☐ yes ☑ no If yes, is this water: ☐ Fresh ☐ Brackish
   What is the approximate area of the water (sq. ft.)?_____
   Please complete questions 4, 11, 12 in Checklist III - Aquatic Habitat -- Non-Flowing Systems.

6. Is there evidence of flooding at the site? What observations were noted? No

   ☐ Buttressing ☐ Water marks ☐ Mud cracks

   ☐ Debris line ☐ Other (describe below)

7. If known, what is the source of the water in the wetland?

☐ Stream/River/Creek/Lake/Pond ☑ Groundwater

☐ Flooding ☑ Surface Runoff

GW + SW are the sources of water to the Las Vegas Wash which is not on the OU-1 Property. The LVW is approximately 2.5 miles from OU-1

8. Is there a discharge from the site to a known or suspected wetland? ☑ yes ☐ no If yes, please describe.

GW beneath the OU-1 Study Area flows to the Las Vegas Wash.

9. Is there a discharge from the wetland? ☑ yes ☐ no. If yes, to what waterbody is discharge released?

☑ Surface Stream/River ☐ Groundwater ☐ Lake/Pond ☐ Marine

The Las Vegas Wash flows to Lake Mead

10. If a soil sample was collected, describe the appearance of the soil in the wetland area. Circle or write in the best response. Bank soils were taken from the LVW as part of the OU-3 Baseline Ecological Risk Assessment. The bank soils

Color (blue/gray, brown, black, mottled) ~~are generally sandy or if~~ right at the water line they are brown/black silty mud.

Water content (dry, wet, saturated/unsaturated) _____

11. Mark the observed wetland area(s) on the attached site map.

A site map is provided in the OU1 Revised SLERA Report

APPENDIX B
DECEMBER 2014 AND JUNE 2022 SITE RECONNAISSANCE PHOTO LOG

B-1 Operations Area Photos
B-2 Area to the North of the Operations Area
B-3 Excavation Control Areas

APPENDIX B-1
OPERATIONS AREA PHOTOS
December 2014 and June 2022

Photo 1a: Former impoundment soil removal area directly west of GW-11 (December 2014)

Photo 1b: Former impoundment soil removal area directly west of GW-11 (June 2022)

Photo 2a: Former Beta Ditch facing east (December 2014)

Photo 2b: Former Beta Ditch facing east (June 2022)

Photo 3a: Former Beta Ditch facing east (December 2014)

Photo 3b: Former Beta Ditch facing east (June 2022)

Photo 4a: Operations Area property boundary looking northwest towards the BMI Corrective Action Management Unit (December 2014)

Photo 4b: Operations Area property boundary looking northwest towards the BMI Corrective Action Management Unit (June 2022)

Photo 5a: WC-West Pond facing east (December 2014)

Photo 5b: WC-West Pond facing southeast (could not gain access to EMD property; June 2022)

Photo 6a: Property fence line looking westward along decommissioned drainage ditch (December 2014)

Photo 6b: Property fence line looking westward along decommissioned drainage ditch (June 2022)

Photo 7a: Operations Area looking east towards the L'hoist building and the Tronox facility (December 2014)

Photo 7b: Operations Area looking east towards the L'hoist building and the Tronox facility (June 2022)

Photo 8a: MN-1 Pond facing southeast (December 2014)

Photo 8b: MN-1 Pond facing southeast (June 2022)

Photo 9a: Groundwater holding pond GW-11 facing northwest (December 2014)

Photo 9b: Groundwater holding pond GW-11 facing northwest (June 2022)

Photo 10a: WC-East Pond facing east (December 2014)

Photo 10b: WC-East Pond facing east (June 2022)

APPENDIX B-2
AREA TO THE NORTH OF THE OPERATIONS AREA

Photo 1a: View from Warm Springs Road looking south across Parcels D and C to the north of the Operations Area (December 2014)

Photo 1b: View from Warm Springs Road looking south across Parcels D and C to the north of the Operations Area (June 2022)

Photo 2a: View from Warm Springs Road looking east. Parcel D is to the right under the telephone wires (December 2014)

Photo 2b: View from Warm Springs Road looking east. Parcel D is to the right under the telephone wires (June 2022)

Photo 3a: View from Warm Springs Road looking west across Parcels D and E north of the Operations Area (December 2014)

Photo 3b: View from Warm Springs Road looking west across Parcels D and E north of the Operations Area (June 2022)

Photo 4a: Parcels D and looking west from Warm Springs Road (December 2014)

Photo 4b: Parcels D and looking west from Warm Springs Road (June 2022)

APPENDIX B-3
EXCAVATION CONTROL AREAS

Photo 1: Excavation Control Area (ECA) from Unit 1 facing Northeast

Photo 2: ECA C18 facing northeast

RAMBOLL

OU-1 Refined SLERA Area Photo Log

Excavation Control Areas

December 2014

Photo 3: ECA C18 facing southeast

Photo 4: ECA C18 facing northwest

Photo 5: ECA C6 facing southwest

Photo 6: ECA C12 facing northwest

Photo 7: ECA C15 facing southwest

Photo 8: ECA C17 facing northwest

Photo 9: ECA C16 facing southwest

Photo 10: ECA D8 facing northwest. This is the the AP-5 pond which was decommissioned in 2019.

Photo 11: ECA D1 facing northwest

Photo 12: ECA D1 facing east

Photo 13: ECA E3 facing northwest

APPENDIX C
DATA MANAGEMENT

C-1 Summary of Soil Samples Removed from SLERA Dataset due to Remediation or Inaccessibility to Wildlife

C-2 List of Chemicals for which Names and/or CASRN were Standardized for SLERA Process

C-3 Summary of Soil Data Excluded During Data Processing

C-4 Summary of Rejected Soil Data

C-5 Revisions of Censored Data for Blank Contamination

C-6 Data Usability Evaluation Summary

APPENDIX C-1
SUMMARY OF SOIL SAMPLES REMOVED FROM SLERA DATASET DUE TO REMEDIATION OR INACCESSIBILITY TO WILDLIFE

Table C-1 Summary of Soil Samples Removed from SLERA Dataset due to Remediation or Inaccessibility to Wildlife

TABLE C-1: Summary of Surface Soil Samples Removed from SLERA Dataset due to Remediation or Inaccessibility to Wildlife
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Sample Name	Start depth (ft)	End depth (ft)	Sample Date	CASRN	Chemical Name	Value	Units	Analytical Method	Reason
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	14866-68-3	Chlorate	201 J	ug/kg	EPA 300.1	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	14797-73-0	Perchlorate	273 J	ug/kg	EPA 314.0	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	39001-02-0	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	725,000 J	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	3268-87-9	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	14,600 J	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	220,000 J	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	15,200	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	91,200	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	123,000 J	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2,020	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	76,000	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	4,040	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	12,800	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4,430	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	51,200	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2,790	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	9,340	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	24,000	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	27,400	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1,020	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	37871-00-4	HpCDD (total)	25,200	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	38998-75-3	HpCDF (total)	471,000	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	34465-46-8	HxCDD (total)	35,300	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	55684-94-1	HxCDF (total)	622,000	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	36088-22-9	PeCDD (total)	41,900	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	30402-15-4	PeCDF (total)	539,000	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	41903-57-5	TCDD (total)	46,600	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	30402-14-3	TCDF (total)	477,000	ng/kg	EPA 8290	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	ALKA	Alkalinity (as CaCO3)	1,290	mg/kg	SM 2320B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7664-41-7	Ammonia	<0.339	mg/kg	EPA 350.1 MOD	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	24959-67-9	Bromide	<0.385	mg/kg	EPA 9056	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	3812-32-6	Carbonate as CO3	557	mg/kg	SM 2320B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	16887-00-6	Chloride	29.6	mg/kg	EPA 9056	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	57-12-5	Cyanide (total)	<0.218	mg/kg	EPA 9012A	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	71-52-3	Hydrogen carbonate	737	mg/kg	SM 2320B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	MBAS	Methylene Blue Active Substances	<2.11	mg/kg	SM 5540C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	14797-55-8	Nitrate	<0.359	mg/kg	EPA 9056	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	14797-65-0	Nitrite	<0.001	mg/kg	EPA 9056	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	PH	pH	9.22	pH units	EPA 9045C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	14808-79-8	Sulfate	203	mg/kg	EPA 9056	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	TOC	Total Organic Carbon	2,490	mg/kg	LLOYD KAHN	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7429-90-5	Aluminum	10,400	mg/kg	EPA 6010B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-36-0	Antimony	0.32 J-	mg/kg	EPA 6020	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-38-2	Arsenic	4.71	mg/kg	EPA 6020	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-39-3	Barium	255	mg/kg	EPA 6010B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-41-7	Beryllium	0.522	mg/kg	EPA 6020	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-42-8	Boron	14.6	mg/kg	EPA 6010B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-43-9	Cadmium	0.391	mg/kg	EPA 6020	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-70-2	Calcium	25,400	mg/kg	EPA 6010B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-47-3	Chromium (total)	36.9	mg/kg	EPA 6020	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	18540-29-9	Chromium VI	1.46	mg/kg	EPA 7199	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-48-4	Cobalt	13.1 J	mg/kg	EPA 6010B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-50-8	Copper	24.9	mg/kg	EPA 6010B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7439-89-6	Iron	17,300	mg/kg	EPA 6010B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7439-92-1	Lead	26.9	mg/kg	EPA 6020	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7439-95-4	Magnesium	18,600	mg/kg	EPA 6010B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7439-96-5	Manganese	1,990	mg/kg	EPA 6010B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7439-97-6	Mercury	0.059	mg/kg	EPA 7471A	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7439-98-7	Molybdenum	0.91	mg/kg	EPA 6020	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-02-0	Nickel	13.8 J	mg/kg	EPA 6020	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7723-14-0	Phosphorus (total)	1,240	mg/kg	EPA 365.1	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-06-4	Platinum	<0.02	mg/kg	EPA 6020	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-09-7	Potassium	2,390	mg/kg	EPA 6010B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7782-49-2	Selenium	<0.9	mg/kg	EPA 6020	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action

TABLE C-1: Summary of Surface Soil Samples Removed from SLERA Dataset due to Remediation or Inaccessibility to Wildlife
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Sample Name	Start depth (ft)	End depth (ft)	Sample Date	CASRN	Chemical Name	Value	Units	Analytical Method	Reason
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-22-4	Silver	0.165	mg/kg	EPA 6020	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-23-5	Sodium	587	mg/kg	EPA 6010B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-24-6	Strontium	194 J	mg/kg	EPA 6010B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-28-0	Thallium	0.257	mg/kg	EPA 6020	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-31-5	Tin	3.7 J	mg/kg	EPA 6010B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-32-6	Titanium	867 J	mg/kg	EPA 6010B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-33-7	Tungsten	0.75 J-	mg/kg	EPA 6020	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-61-1	Uranium (total)	1.5	mg/kg	EPA 6020	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-62-2	Vanadium	41.6 J	mg/kg	EPA 6010B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7440-66-6	Zinc	65.3 J	mg/kg	EPA 6010B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	72-54-8	4,4'-DDD	<0.19	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	72-55-9	4,4'-DDE	<0.078	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	50-29-3	4,4'-DDT	<0.17	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	309-00-2	Aldrin	<0.070	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	319-84-6	alpha-BHC	<0.31	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	5103-71-9	alpha-Chlordane	<0.15	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	319-85-7	beta-BHC	<0.25	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	57-74-9	Chlordane (total)	<1.9	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	319-86-8	delta-BHC	<0.089	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	60-57-1	Dieldrin	<0.26	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	959-98-8	Endosulfan I	<0.10	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	33213-65-9	Endosulfan II	<0.091	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	1031-07-8	Endosulfan sulfate	<0.090	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	72-20-8	Endrin	<0.11	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	7421-93-4	Endrin aldehyde	<0.83	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	53494-70-5	Endrin ketone	<0.12	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	58-89-9	gamma-BHC	<0.12	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	5103-74-2	gamma-Chlordane	<0.12	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	76-44-8	Heptachlor	<0.088	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	1024-57-3	Heptachlor epoxide	<0.11	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	118-74-1	Hexachlorobenzene	220,000 J	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	72-43-5	Methoxychlor	<0.26	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	8001-35-2	Toxaphene	<9.7	ug/kg	EPA 8081	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	91-57-6	2-Methylnaphthalene	<2.23683	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	83-32-9	Acenaphthene	<1.19712	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	208-96-8	Acenaphthylene	<1.34267	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	120-12-7	Anthracene	<1.345	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	56-55-3	Benzo(a)anthracene	33 J	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	50-32-8	Benzo(a)pyrene	<1.02964	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	205-99-2	Benzo(b)fluoranthene	37 J	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	191-24-2	Benzo(g,h,i)perylene	33 J	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	207-08-9	Benzo(k)fluoranthene	27 J	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	218-01-9	Chrysene	72	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	53-70-3	Dibenz(a,h)anthracene	<1.37408	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	206-44-0	Fluoranthene	60 J	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	86-73-7	Fluorene	<2.81445	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	193-39-5	Indeno(1,2,3-cd)pyrene	<1.1823	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	91-20-3	Naphthalene	<1.17028	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	85-01-8	Phenanthrene	<25	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	129-00-0	Pyrene	73	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	Ra-226	Radium-226	1.27	pci/g	EPA 903.1 MOD	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	Ra-228	Radium-228	0.602	pci/g	EPA 904.0 MOD	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	Th-228	Thorium-228	2.20	pci/g	DOE EML HASL-300	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	Th-230	Thorium-230	1.38 J	pci/g	DOE EML HASL-300	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	Th-232	Thorium-232	1.21 J	pci/g	DOE EML HASL-300	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	U-234	Uranium-234	1.49	pci/g	DOE EML HASL-300	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	U-235	Uranium-235	0.0893 J	pci/g	DOE EML HASL-300	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	U-238	Uranium-238	1.23	pci/g	DOE EML HASL-300	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	123-91-1	1,4-Dioxane	<2.62796	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	117-81-7	bis(2-Ethylhexyl)phthalate	<85.6071	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	85-68-7	Butylbenzylphthalate	<1.90026	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	84-66-2	Diethylphthalate	<8.58299	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	131-11-3	Dimethylphthalate	<0.91269	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action

TABLE C-1: Summary of Surface Soil Samples Removed from SLERA Dataset due to Remediation or Inaccessibility to Wildlife
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Sample Name	Start depth (ft)	End depth (ft)	Sample Date	CASRN	Chemical Name	Value	Units	Analytical Method	Reason
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	84-74-2	Di-n-butylphthalate	<160.159	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	117-84-0	Di-n-octylphthalate	<0.80807	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	87-68-3	Hexachlorobutadiene	<0.60	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	98-95-3	Nitrobenzene	<1.22338	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	29082-74-4	Octachlorostyrene	9,300	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	110-86-1	Pyridine	<16.3531	ug/kg	EPA 8270C	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	TPH-MOTOR	Oil Range Organics	53,000	ug/kg	EPA 8015B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	TPH-diesel	Total petroleum hydrocarbon-diesel	150,000	ug/kg	EPA 8015B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	630-20-6	1,1,1,2-Tetrachloroethane	<0.44	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	71-55-6	1,1,1-Trichloroethane	<0.60	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	79-34-5	1,1,2,2-Tetrachloroethane	<0.51	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	79-00-5	1,1,2-Trichloroethane	<0.22	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	75-34-3	1,1-Dichloroethane	<0.24	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	75-35-4	1,1-Dichloroethene	<0.48	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	563-58-6	1,1-Dichloropropene	<0.43	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	87-61-6	1,2,3-Trichlorobenzene	<1.1	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	96-18-4	1,2,3-Trichloropropane	<0.95	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	120-82-1	1,2,4-Trichlorobenzene	<0.94	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	95-63-6	1,2,4-Trimethylbenzene	<0.42	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	96-12-8	1,2-Dibromo-3-chloropropane	<0.70	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	106-93-4	1,2-Dibromoethane	<0.40	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	95-50-1	1,2-Dichlorobenzene	<0.23	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	107-06-2	1,2-Dichloroethane	<0.30	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	78-87-5	1,2-Dichloropropane	<0.47	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	108-67-8	1,3,5-Trimethylbenzene	<0.51	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	541-73-1	1,3-Dichlorobenzene	<0.53	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	142-28-9	1,3-Dichloropropane	<0.38	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	106-46-7	1,4-Dichlorobenzene	<0.57	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	594-20-7	2,2-Dichloropropane	<0.21	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	78-93-3	2-Butanone	<1.0	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	95-49-8	2-Chlorotoluene	<0.28	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	591-78-6	2-Hexanone	<0.72	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	106-43-4	4-Chlorotoluene	<0.37	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	108-10-1	4-Methyl-2-pentanone	1.6 J	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	67-64-1	Acetone	35	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	71-43-2	Benzene	<0.19	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	108-86-1	Bromobenzene	<0.42	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	74-97-5	Bromochloromethane	<0.34	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	75-27-4	Bromodichloromethane	<0.39	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	75-25-2	Bromoform	<0.46	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	74-83-9	Bromomethane	<0.50	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	56-23-5	Carbon tetrachloride	<0.35	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	108-90-7	Chlorobenzene	<0.24	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	75-00-3	Chloroethane	<0.21	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	67-66-3	Chloroform	<0.15	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	74-87-3	Chloromethane	<0.44	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	156-59-2	cis-1,2-Dichloroethene	<0.55	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	10061-01-5	cis-1,3-Dichloropropene	<0.20	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	98-82-8	Cumene	<0.40	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	124-48-1	Dibromochloromethane	<0.32	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	74-95-3	Dibromomethane	<0.35	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	75-71-8	Dichlorodifluoromethane	<0.35	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	108-20-3	Diisopropyl ether	<0.31	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	100-41-4	Ethyl benzene	<0.37	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	637-92-3	Ethyl tert-butyl ether	<0.24	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	179601-23-1	m,p-Xylene	<0.78	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	1634-04-4	Methyl tert-butyl ether	<0.19	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	75-09-2	Methylene Chloride	<0.32	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	104-51-8	n-Butylbenzene	<0.61	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	103-65-1	n-Propylbenzene	<0.36	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	95-47-6	o-Xylene	<0.31	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	99-87-6	p-Cymene	<0.41	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	135-98-8	sec-Butylbenzene	<0.32	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action

TABLE C-1: Summary of Surface Soil Samples Removed from SLERA Dataset due to Remediation or Inaccessibility to Wildlife
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Sample Name	Start depth (ft)	End depth (ft)	Sample Date	CASRN	Chemical Name	Value	Units	Analytical Method	Reason
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	100-42-5	Styrene	<0.16	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	994-05-8	t-Amyl methyl ether	<0.30	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	75-65-0	tert Butyl alcohol	<10	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	98-06-6	tert-Butylbenzene	<0.29	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	127-18-4	Tetrachloroethene	<0.24	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	108-88-3	Toluene	3.2 J	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	156-60-5	trans-1,2-Dichloroethene	<0.30	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	10061-02-6	trans-1,3-Dichloropropene	<0.33	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	79-01-6	Trichloroethene	<0.28	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	75-69-4	Trichlorofluoromethane	<0.32	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-0.5B	0	1.5	7/9/2008	75-01-4	Vinyl chloride	<0.68	ug/kg	EPA 8260B	Covered by a cement-treated aggregate during the 2011 Interim Soil Removal Action
RSAJ7	RSAJ7-1BR	0.5	1	12/10/2009	39001-02-0	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	1,400,000 J	pg/g	EPA 8290	Already removed during remediation
RSAJ7	RSAJ7-1BR	0.5	1	12/10/2009	3268-87-9	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	29,000	pg/g	EPA 8290	Already removed during remediation
RSAJ7	RSAJ7-1BR	0.5	1	12/10/2009	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	440,000 J	pg/g	EPA 8290	Already removed during remediation
RSAJ7	RSAJ7-1BR	0.5	1	12/10/2009	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	24,000 J	pg/g	EPA 8290	Already removed during remediation
RSAJ7	RSAJ7-1BR	0.5	1	12/10/2009	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	190,000 J	pg/g	EPA 8290	Already removed during remediation
RSAJ7	RSAJ7-1BR	0.5	1	12/10/2009	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	120,000	pg/g	EPA 8290	Already removed during remediation
RSAJ7	RSAJ7-1BR	0.5	1	12/10/2009	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	3,300	pg/g	EPA 8290	Already removed during remediation
RSAJ7	RSAJ7-1BR	0.5	1	12/10/2009	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	120,000 J	pg/g	EPA 8290	Already removed during remediation
RSAJ7	RSAJ7-1BR	0.5	1	12/10/2009	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	6,700	pg/g	EPA 8290	Already removed during remediation
RSAJ7	RSAJ7-1BR	0.5	1	12/10/2009	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	25,000	pg/g	EPA 8290	Already removed during remediation
RSAJ7	RSAJ7-1BR	0.5	1	12/10/2009	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4,600 J	pg/g	EPA 8290	Already removed during remediation
RSAJ7	RSAJ7-1BR	0.5	1	12/10/2009	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	73,000	pg/g	EPA 8290	Already removed during remediation
RSAJ7	RSAJ7-1BR	0.5	1	12/10/2009	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	3,900 J	pg/g	EPA 8290	Already removed during remediation
RSAJ7	RSAJ7-1BR	0.5	1	12/10/2009	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	27,000 J	pg/g	EPA 8290	Already removed during remediation
RSAJ7	RSAJ7-1BR	0.5	1	12/10/2009	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	37,000 J	pg/g	EPA 8290	Already removed during remediation
RSAJ7	RSAJ7-1BR	0.5	1	12/10/2009	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	33,000 J	pg/g	EPA 8290	Already removed during remediation
RSAJ7	RSAJ7-1BR	0.5	1	12/10/2009	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1,100 J	pg/g	EPA 8290	Already removed during remediation
RSAJ7	RSAJ7-1BR	0.5	1	12/10/2009	MOIST	Moisture	6.0	percent	ASTM 2216	Already removed during remediation
RSAJ7	RSAJ7-1BR	0.5	1	12/10/2009	118-74-1	Hexachlorobenzene	130,000	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	14866-68-3	Chlorate	873	ug/kg	EPA 300.1	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	14797-73-0	Perchlorate	1,060	ug/kg	EPA 314.0	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	39001-02-0	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	16,100	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	3268-87-9	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	364	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	7,270	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	334	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	3,460	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	3,870	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	56.6	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	2,460	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	105	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	307	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	129	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1,420	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	85.4	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	532	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	560	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	615	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	32.6	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	37871-00-4	HpCDD (total)	525	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	38998-75-3	HpCDF (total)	10,800	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	34465-46-8	HxCDD (total)	898	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	55684-94-1	HxCDF (total)	11,700	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	36088-22-9	PeCDD (total)	1,160	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	30402-15-4	PeCDF (total)	14,400	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	41903-57-5	TCDD (total)	1,520	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	30402-14-3	TCDF (total)	14,100	ng/kg	EPA 8290	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	ALKA	Alkalinity (as CaCO3)	1,460	mg/kg	SM 2320B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7664-41-7	Ammonia	<0.05	mg/kg	EPA 350.1	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	24959-67-9	Bromide	<0.2	mg/kg	EPA 9056	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	3812-32-6	Carbonate as CO3	124	mg/kg	SM 2320B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	16887-00-6	Chloride	62.6 J+	mg/kg	EPA 9056	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	71-52-3	Hydrogen carbonate	1,330	mg/kg	SM 2320B	Already removed during remediation

TABLE C-1: Summary of Surface Soil Samples Removed from SLERA Dataset due to Remediation or Inaccessibility to Wildlife
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Sample Name	Start depth (ft)	End depth (ft)	Sample Date	CASRN	Chemical Name	Value	Units	Analytical Method	Reason
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	MBAS	Methylene Blue Active Substances	2.1 UJ	mg/kg	SM 5540C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	14797-55-8	Nitrate	5.99 J+	mg/kg	EPA 9056	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	14797-65-0	Nitrite	<0.08	mg/kg	EPA 353.2	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	PH	pH	9.98	pH units	EPA 9045D	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	14808-79-8	Sulfate	102 J+	mg/kg	EPA 9056	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	TOC	Total Organic Carbon	790 J-	mg/kg	LLOYD KAHN	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7429-90-5	Aluminum	9,780	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-36-0	Antimony	0.5 UJ	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-38-2	Arsenic	2.99	mg/kg	EPA 6020	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-39-3	Barium	165	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-41-7	Beryllium	0.494	mg/kg	EPA 6020	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-42-8	Boron	7 J	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-43-9	Cadmium	0.08 J	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-70-2	Calcium	29,500 J	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-47-3	Chromium (total)	7.26	mg/kg	EPA 6020	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	18540-29-9	Chromium VI	<0.19	mg/kg	EPA 7199	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-48-4	Cobalt	7.1	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-50-8	Copper	16	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7439-89-6	Iron	14,900 J	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7439-92-1	Lead	8.3	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7439-95-4	Magnesium	12,200	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7439-96-5	Manganese	343 J	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7439-97-6	Mercury	0.007 J	mg/kg	EPA 7471	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7439-98-7	Molybdenum	0.4	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-02-0	Nickel	13.8 J	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7723-14-0	Phosphorus (total)	653	mg/kg	EPA 365.1M	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-06-4	Platinum	0.01 J	mg/kg	EPA 6020	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-09-7	Potassium	2,360	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7782-49-2	Selenium	<0.7	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-22-4	Silver	<0.2	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-23-5	Sodium	2,500	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-24-6	Strontium	268	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-28-0	Thallium	0.096	mg/kg	EPA 6020	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-31-5	Tin	3.8 J	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-32-6	Titanium	874	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-33-7	Tungsten	0.19 J-	mg/kg	EPA 6020	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-61-1	Uranium (total)	1.73	mg/kg	EPA 6020	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-62-2	Vanadium	47.9	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	7440-66-6	Zinc	31.2 J	mg/kg	EPA 6010	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	118-74-1	Hexachlorobenzene	2,700	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	91-57-6	2-Methylnaphthalene	<0.59	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	83-32-9	Acenaphthene	<1.1	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	208-96-8	Acenaphthylene	<0.78	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	120-12-7	Anthracene	<1.3	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	56-55-3	Benzo(a)anthracene	<0.60	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	50-32-8	Benzo(a)pyrene	<0.71	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	205-99-2	Benzo(b)fluoranthene	<1.2	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	191-24-2	Benzo(g,h,i)perylene	<1.3	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	207-08-9	Benzo(k)fluoranthene	<0.87	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	218-01-9	Chrysene	<1.1	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	53-70-3	Dibenz(a,h)anthracene	<0.81	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	206-44-0	Fluoranthene	1.8 J	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	86-73-7	Fluorene	<0.72	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	193-39-5	Indeno(1,2,3-cd)pyrene	<0.93	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	91-20-3	Naphthalene	1.4 J	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	85-01-8	Phenanthrene	<1.9	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	129-00-0	Pyrene	2.1 J	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	Ra-226	Radium-226	0.854	pci/g	EPA 903.1 MOD	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	Ra-228	Radium-228	1.79	pci/g	EPA 904.0 MOD	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	Th-228	Thorium-228	1.72	pci/g	DOE EML HASL-300	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	Th-230	Thorium-230	1.90	pci/g	DOE EML HASL-300	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	Th-232	Thorium-232	1.38 J	pci/g	DOE EML HASL-300	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	U-234	Uranium-234	1.45	pci/g	DOE EML HASL-300	Already removed during remediation

TABLE C-1: Summary of Surface Soil Samples Removed from SLERA Dataset due to Remediation or Inaccessibility to Wildlife
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Sample Name	Start depth (ft)	End depth (ft)	Sample Date	CASRN	Chemical Name	Value	Units	Analytical Method	Reason
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	U-235	Uranium-235	0.0569	pci/g	DOE EML HASL-300	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	U-238	Uranium-238	1.17	pci/g	DOE EML HASL-300	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	123-91-1	1,4-Dioxane	<5.2	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	117-81-7	bis(2-Ethylhexyl)phthalate	<140	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	85-68-7	Butylbenzylphthalate	<2.5	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	84-66-2	Diethylphthalate	<130	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	131-11-3	Dimethylphthalate	<0.93	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	84-74-2	Di-n-butylphthalate	96 J	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	117-84-0	Di-n-octylphthalate	<1.2	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	87-68-3	Hexachlorobutadiene	<0.78	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	98-95-3	Nitrobenzene	<1.9	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	29082-74-4	Octachlorostyrene	150 J	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	110-86-1	Pyridine	<28	ug/kg	EPA 8270C	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	TPH-MOTOR	Oil Range Organics	<43,000	ug/kg	EPA 8015B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	TPH-diesel	Total petroleum hydrocarbon-diesel	<43,000	ug/kg	EPA 8015B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	630-20-6	1,1,1,2-Tetrachloroethane	<0.25	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	71-55-6	1,1,1-Trichloroethane	<0.22	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	79-34-5	1,1,2,2-Tetrachloroethane	<0.33	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	79-00-5	1,1,2-Trichloroethane	<0.24	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	75-34-3	1,1-Dichloroethane	<0.17	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	75-35-4	1,1-Dichloroethene	<0.33	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	563-58-6	1,1-Dichloropropene	<0.42	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	87-61-6	1,2,3-Trichlorobenzene	<0.75	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	96-18-4	1,2,3-Trichloropropane	<0.55	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	120-82-1	1,2,4-Trichlorobenzene	<0.79	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	95-63-6	1,2,4-Trimethylbenzene	<0.39	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	96-12-8	1,2-Dibromo-3-chloropropane	<0.71	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	106-93-4	1,2-Dibromoethane	<0.31	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	95-50-1	1,2-Dichlorobenzene	<0.35	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	107-06-2	1,2-Dichloroethane	<0.27	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	78-87-5	1,2-Dichloropropane	<0.27	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	108-67-8	1,3,5-Trimethylbenzene	<0.30	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	541-73-1	1,3-Dichlorobenzene	<0.51	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	142-28-9	1,3-Dichloropropane	<0.31	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	106-46-7	1,4-Dichlorobenzene	<0.61	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	594-20-7	2,2-Dichloropropane	<0.29	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	78-93-3	2-Butanone	<0.79	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	95-49-8	2-Chlorotoluene	<0.46	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	591-78-6	2-Hexanone	<0.72	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	106-43-4	4-Chlorotoluene	<0.56	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	108-10-1	4-Methyl-2-pentanone	<0.67	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	67-64-1	Acetone	4.0 J	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	71-43-2	Benzene	<0.22	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	108-86-1	Bromobenzene	<0.31	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	74-97-5	Bromochloromethane	<0.33	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	75-27-4	Bromodichloromethane	<0.22	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	75-25-2	Bromoform	<0.44	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	74-83-9	Bromomethane	<0.47	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	56-23-5	Carbon tetrachloride	<0.47	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	108-90-7	Chlorobenzene	<0.23	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	75-00-3	Chloroethane	<0.45	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	67-66-3	Chloroform	<0.33	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	74-87-3	Chloromethane	<0.31	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	156-59-2	cis-1,2-Dichloroethene	<0.23	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	10061-01-5	cis-1,3-Dichloropropene	<0.31	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	98-82-8	Cumene	<0.29	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	124-48-1	Dibromochloromethane	<0.34	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	74-95-3	Dibromomethane	<0.34	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	75-71-8	Dichlorodifluoromethane	<0.54	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	108-20-3	Diisopropyl ether	<0.25	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	100-41-4	Ethyl benzene	<0.91	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	637-92-3	Ethyl tert-butyl ether	<0.25	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	179601-23-1	m,p-Xylene	<0.65	ug/kg	EPA 8260B	Already removed during remediation

TABLE C-1: Summary of Surface Soil Samples Removed from SLERA Dataset due to Remediation or Inaccessibility to Wildlife
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Sample Name	Start depth (ft)	End depth (ft)	Sample Date	CASRN	Chemical Name	Value	Units	Analytical Method	Reason
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	1634-04-4	Methyl tert-butyl ether	<0.23	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	75-09-2	Methylene Chloride	1.3 J	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	104-51-8	n-Butylbenzene	<0.60	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	103-65-1	n-Propylbenzene	<0.41	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	95-47-6	o-Xylene	<0.65	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	99-87-6	p-Cymene	<0.46	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	135-98-8	sec-Butylbenzene	<0.47	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	100-42-5	Styrene	<0.29	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	994-05-8	t-Amyl methyl ether	<0.12	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	75-65-0	tert Butyl alcohol	<7.2	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	98-06-6	tert-Butylbenzene	<0.33	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	127-18-4	Tetrachloroethene	<0.51	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	108-88-3	Toluene	0.79 J	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	156-60-5	trans-1,2-Dichloroethene	<0.32	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	10061-02-6	trans-1,3-Dichloropropene	<0.38	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	79-01-6	Trichloroethene	<0.42	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	75-69-4	Trichlorofluoromethane	<0.34	ug/kg	EPA 8260B	Already removed during remediation
SA-127	SA127-0.5B	0.5	1.5	6/5/2009	75-01-4	Vinyl chloride	<0.24	ug/kg	EPA 8260B	Already removed during remediation
SSAO8-14	SSAO8-14-3_01_BPC	0	1	11/2/2010	MOIST	Moisture	7.1	percent	ASTM 2216	Beneath Mn-2 Pond
SSAO8-14	SSAO8-14-3_01_BPC	0	1	11/2/2010	RESTOT	Total Solids	93	%	ASTM 2216	Beneath Mn-2 Pond
SSAO8-14	SSAO8-14-3_01_BPC	0	1	11/2/2010	7440-38-2	Arsenic	3.0	mg/kg	EPA 6020	Beneath Mn-2 Pond
SSAO8-14	SSAO8-14-3_01_BPC_FD	0	1	11/2/2010	MOIST	Moisture	6.4	percent	ASTM 2216	Beneath Mn-2 Pond
SSAO8-14	SSAO8-14-3_01_BPC_FD	0	1	11/2/2010	RESTOT	Total Solids	94	%	ASTM 2216	Beneath Mn-2 Pond
SSAO8-14	SSAO8-14-3_01_BPC_FD	0	1	11/2/2010	7440-38-2	Arsenic	3.4	mg/kg	EPA 6020	Beneath Mn-2 Pond

Notes:
% = Percent
ft = Foot
mg/kg = Milligram per kilogram
ng/kg = Nanograms per kilogram
pci/g = Picocuries per gram
pg/g = Picograms per gram
SLERA = Screening level ecological risk assessment
ug/kg = Microgram per kilogram

Lab Qualifiers
J = Indicates an estimated value.
J+ = Indicates an estimated value with a positive bias.
J- = Indicates an estimated value with a negative bias.
< Below sample quantitation limit
UJ = The analyte was analyzed for and was not present above the level of the associated value.

APPENDIX C-2
LIST OF CHEMICALS FOR WHICH NAMES AND/OR CASRN WERE STANDARDIZED FOR SLERA PROCESS

Table C-2 List of Chemicals for which Names and/or CASRN were Standardized for SLERA Process

TABLE C-2: List of Chemicals for which Names and/or CASRN were Standardized for SLERA Process
Nevada Environmental Response Trust Site
Henderson, Nevada

Method Group	Original Chemical Name	Original CASRN	Standardized Chemical Name	Standardized CASRN	Changes	Notes
General Chemistry	Ammonia (as N)	7664-41-7|0	Ammonia	7664-41-7	Name and CAS Changed	Converted to NH3 basis using ratio of 1.22
General Chemistry	Ammonia (as NH3)	7664-41-7|1	Ammonia	7664-41-7	Name and CAS Changed	
General Chemistry	Nitrate (as N)	14797-55-8_N	Nitrate	14797-55-8	Name and CAS Changed	Converted to NO3 basis using ratio of 4.43
General Chemistry	Nitrate (as NO3)	14797-55-8_NO3	Nitrate	14797-55-8	Name and CAS Changed	
General Chemistry	Nitrate Nitrite as N	NO3NO2N	Nitrate/Nitrite	NO3/NO2	Name and CAS Changed	Converted to NO3 basis using ratio of 4.43
General Chemistry	Nitrite (as N)	14797-65-0_N	Nitrite	14797-65-0	Name and CAS Changed	Converted to NO2 basis using ratio of 3.29
General Chemistry	ortho-Phosphate (total) (as P)	11-36-9P	ortho-Phosphate	11-36-9	Name and CAS Changed	Converted to PO4 basis using ratio of 3.07
General Chemistry	ortho-Phosphate (total) (as PO4)	11-36-9PO4	ortho-Phosphate	11-36-9	Name and CAS Changed	
Metals	Uranium (total)	U-Total	Uranium (total)	7440-61-1	CAS Changed	
Metals	Uranium (total, natural)	U-nat tot	Uranium (total)	7440-61-1	Name and CAS Changed	
RAD	Lead-210	14255-04-0	Lead-210	Pb-210	CAS Changed	
RAD	Lead-212	15092-94-1	Lead-212	Pb-212	CAS Changed	
RAD	Uranium-233/234	U-233/234	Uranium-234	U-234	Name and CAS Changed	
RAD	Uranium-235/236	U-235/236	Uranium-235	U-235	Name and CAS Changed	
TPH	Diesel Range Organics (C10-C28)	DRO (C10-C28)	Total petroleum hydrocarbon-diesel	TPH-diesel	Name and CAS Changed	
TPH	Diesel Range Organics (C13-C22)	DRO (C13-C22)	Total petroleum hydrocarbon-diesel	TPH-diesel	Name and CAS Changed	
TPH	Gasoline Range Organics (C4-C12)	GRO (C4-C12)	Total petroleum hydrocarbon-gasoline	TPH-gasoline	Name and CAS Changed	
TPH	Gasoline Range Organics (C6-C10)	GRO (C6-C10)	Total petroleum hydrocarbon-gasoline	TPH-gasoline	Name and CAS Changed	

Notes:

CAS or CASRN = Chemical Abstracts Service Registry Number

N = Nitrogen

NH3 = Ammonia

P = Phosphorous

PO4 = Phosphate

RAD = Radionuclide compounds

SLERA = Screening level ecological risk assessment

TPH = Total petroleum hydrocarbons

APPENDIX C-3
SUMMARY OF SOIL DATA EXCLUDED DURING DATA PROCESSING

Table C-3 Summary of Soil Data Excluded During Data Processing

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample ID	Start Depth (ft bgs)	End depth (ft bgs)	Depth Group	Sample Type	Sample Date	Chemical	Result	Unit	Analytical Method	Reason for Exclusion
DU-1	CS-C10B-1	CS-C10B-1	0	0	Surface	N	7/28/2011	2-Methylnaphthalene	<19	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-DC-1	CS-DC-1	0	0	Surface	N	5/3/2011	2-Methylnaphthalene	<87	ug/kg	EPA 8270C	Analyzed by both EPA 8270C and 8270 SIM. The data from EPA 8270C was excluded.
DU-2	SA02	SA2-0.5	0.5	2	Surface	N	11/3/2006	2-Methylnaphthalene	<350	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	SA21	SA21-0.5	0.5	2	Surface	N	11/15/2006	2-Methylnaphthalene	<340	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA07	SA7-0.5	0.5	2	Surface	N	11/20/2006	2-Methylnaphthalene	<350	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-C10B-1	CS-C10B-1	0	0	Surface	N	7/28/2011	Acenaphthene	<11	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-DC-1	CS-DC-1	0	0	Surface	N	5/3/2011	Acenaphthene	<85	ug/kg	EPA 8270C	Analyzed by both EPA 8270C and 8270 SIM. The data from EPA 8270C was excluded.
DU-1	M-161D	M-161D-0.5-20141203	0.5	1	Surface	N	12/3/2014	Acenaphthene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	M-162D	M-162D-0.5-20141209	0.5	1	Surface	N	12/9/2014	Acenaphthene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5	1	Surface	N	3/8/2017	Acenaphthene	<0.067	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5	1	Surface	N	3/9/2017	Acenaphthene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5	1	Surface	N	3/10/2017	Acenaphthene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5	1	Surface	N	3/6/2017	Acenaphthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5	1	Surface	N	3/11/2017	Acenaphthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-6	RIDB-6-0.5-20170225B	0.5	1	Surface	N	2/25/2017	Acenaphthene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5	1	Surface	N	3/12/2017	Acenaphthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5	1	Surface	FD	3/12/2017	Acenaphthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-09	RISB-09-0.5-20141211	0.5	1	Surface	N	12/11/2014	Acenaphthene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-10	RISB-10-0.5-20141215	0.5	1	Surface	N	12/15/2014	Acenaphthene	<0.067	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-11	RISB-11-0.5-20141217	0.5	1	Surface	N	12/17/2014	Acenaphthene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-12	RISB-12-0.5-20141215	0.5	1	Surface	N	12/15/2014	Acenaphthene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-13	RISB-13-0.5-20141217	0.5	1	Surface	N	12/17/2014	Acenaphthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-14	RISB-14-0.5-20141216	0.5	1	Surface	N	12/16/2014	Acenaphthene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-39	RISB-39-0.5-20141121	0.5	1	Surface	N	11/21/2014	Acenaphthene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-40	RISB-40-0.5-20141121	0.5	1	Surface	N	11/21/2014	Acenaphthene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121	0.5	1	Surface	N	11/21/2014	Acenaphthene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5	1	Surface	FD	11/21/2014	Acenaphthene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-47	RISB-47-0.5-20141120	0.5	1	Surface	N	11/20/2014	Acenaphthene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-48	RISB-48-0.5-20141120	0.5	1	Surface	N	11/20/2014	Acenaphthene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1	1.5	Other	N	9/26/2018	Acenaphthene	<0.18	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Acenaphthene	<0.18	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Acenaphthene	<0.18	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1	1.5	Other	FD	9/25/2018	Acenaphthene	<0.18	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1	1.5	Other	N	9/25/2018	Acenaphthene	<0.19	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1	1.5	Other	N	9/25/2018	Acenaphthene	<0.18	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Acenaphthene	<0.18	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Acenaphthene	<0.18	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-01	RIT-1-01-20141111	--	--	Surface	N	11/11/2014	Acenaphthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-02	RIT-1-02-20141111	--	--	Surface	N	11/11/2014	Acenaphthene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-03	RIT-1-03-20141112	--	--	Surface	N	11/12/2014	Acenaphthene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-04	RIT-1-04-20141112	--	--	Surface	N	11/12/2014	Acenaphthene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-05	RIT-1-05-20141112	--	--	Surface	N	11/12/2014	Acenaphthene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-01	RIT-2-01-20141112	--	--	Surface	N	11/12/2014	Acenaphthene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-02	RIT-2-02-20141112	--	--	Surface	N	11/12/2014	Acenaphthene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112	--	--	Surface	N	11/12/2014	Acenaphthene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	--	Surface	FD	11/12/2014	Acenaphthene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-04	RIT-2-04-20141113	--	--	Surface	N	11/13/2014	Acenaphthene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-05	RIT-2-05-20141113	--	--	Surface	N	11/13/2014	Acenaphthene	<0.27	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-01	RIT-3-01-20141113	--	--	Surface	N	11/13/2014	Acenaphthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-02	RIT-3-02-20141113	--	--	Surface	N	11/13/2014	Acenaphthene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113	--	--	Surface	N	11/13/2014	Acenaphthene	<2.1	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	--	Surface	FD	11/13/2014	Acenaphthene	<0.83	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-04	RIT-3-04-20141113	--	--	Surface	N	11/13/2014	Acenaphthene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-05	RIT-3-05-20141113	--	--	Surface	N	11/13/2014	Acenaphthene	<0.066	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA02	SA2-0.5	0.5	2	Surface	N	11/3/2006	Acenaphthene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	SA21	SA21-0.5	0.5	2	Surface	N	11/15/2006	Acenaphthene	<340	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample ID	Start Depth (ft bgs)	End depth (ft bgs)	Depth Group	Sample Type	Sample Date	Chemical	Result	Unit	Analytical Method	Reason for Exclusion
DU-2	SA07	SA7-0.5	0.5	2	Surface	N	11/20/2006	Acenaphthene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-C10B-1	CS-C10B-1	0	0	Surface	N	7/28/2011	Acenaphthylene	<17	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-DC-1	CS-DC-1	0	0	Surface	N	5/3/2011	Acenaphthylene	<87	ug/kg	EPA 8270C	Analyzed by both EPA 8270C and 8270 SIM. The data from EPA 8270C was excluded.
DU-1	M-161D	M-161D-0.5-20141203	0.5	1	Surface	N	12/3/2014	Acenaphthylene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	M-162D	M-162D-0.5-20141209	0.5	1	Surface	N	12/9/2014	Acenaphthylene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5	1	Surface	N	3/8/2017	Acenaphthylene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5	1	Surface	N	3/9/2017	Acenaphthylene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5	1	Surface	N	3/10/2017	Acenaphthylene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5	1	Surface	N	3/6/2017	Acenaphthylene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5	1	Surface	N	3/11/2017	Acenaphthylene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-6	RIDB-6-0.5-20170225B	0.5	1	Surface	N	2/25/2017	Acenaphthylene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5	1	Surface	N	3/12/2017	Acenaphthylene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5	1	Surface	FD	3/12/2017	Acenaphthylene	<0.075	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-09	RISB-09-0.5-20141211	0.5	1	Surface	N	12/11/2014	Acenaphthylene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-10	RISB-10-0.5-20141215	0.5	1	Surface	N	12/15/2014	Acenaphthylene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-11	RISB-11-0.5-20141217	0.5	1	Surface	N	12/17/2014	Acenaphthylene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-12	RISB-12-0.5-20141215	0.5	1	Surface	N	12/15/2014	Acenaphthylene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-13	RISB-13-0.5-20141217	0.5	1	Surface	N	12/17/2014	Acenaphthylene	<0.074	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-14	RISB-14-0.5-20141216	0.5	1	Surface	N	12/16/2014	Acenaphthylene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-39	RISB-39-0.5-20141121	0.5	1	Surface	N	11/21/2014	Acenaphthylene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-40	RISB-40-0.5-20141121	0.5	1	Surface	N	11/21/2014	Acenaphthylene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121	0.5	1	Surface	N	11/21/2014	Acenaphthylene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5	1	Surface	FD	11/21/2014	Acenaphthylene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-47	RISB-47-0.5-20141120	0.5	1	Surface	N	11/20/2014	Acenaphthylene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-48	RISB-48-0.5-20141120	0.5	1	Surface	N	11/20/2014	Acenaphthylene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1	1.5	Other	N	9/26/2018	Acenaphthylene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Acenaphthylene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Acenaphthylene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1	1.5	Other	FD	9/25/2018	Acenaphthylene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1	1.5	Other	N	9/25/2018	Acenaphthylene	<0.074	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1	1.5	Other	N	9/25/2018	Acenaphthylene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Acenaphthylene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Acenaphthylene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-01	RIT-1-01-20141111	--	--	Surface	N	11/11/2014	Acenaphthylene	<0.075	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-02	RIT-1-02-20141111	--	--	Surface	N	11/11/2014	Acenaphthylene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-03	RIT-1-03-20141112	--	--	Surface	N	11/12/2014	Acenaphthylene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-04	RIT-1-04-20141112	--	--	Surface	N	11/12/2014	Acenaphthylene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-05	RIT-1-05-20141112	--	--	Surface	N	11/12/2014	Acenaphthylene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-01	RIT-2-01-20141112	--	--	Surface	N	11/12/2014	Acenaphthylene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-02	RIT-2-02-20141112	--	--	Surface	N	11/12/2014	Acenaphthylene	<0.074	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112	--	--	Surface	N	11/12/2014	Acenaphthylene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	--	Surface	FD	11/12/2014	Acenaphthylene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-04	RIT-2-04-20141113	--	--	Surface	N	11/13/2014	Acenaphthylene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-05	RIT-2-05-20141113	--	--	Surface	N	11/13/2014	Acenaphthylene	<0.28	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-01	RIT-3-01-20141113	--	--	Surface	N	11/13/2014	Acenaphthylene	<0.075	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-02	RIT-3-02-20141113	--	--	Surface	N	11/13/2014	Acenaphthylene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113	--	--	Surface	N	11/13/2014	Acenaphthylene	<2.2	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	--	Surface	FD	11/13/2014	Acenaphthylene	<0.86	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-04	RIT-3-04-20141113	--	--	Surface	N	11/13/2014	Acenaphthylene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-05	RIT-3-05-20141113	--	--	Surface	N	11/13/2014	Acenaphthylene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA02	SA2-0.5	0.5	2	Surface	N	11/3/2006	Acenaphthylene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	SA21	SA21-0.5	0.5	2	Surface	N	11/15/2006	Acenaphthylene	<340	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA07	SA7-0.5	0.5	2	Surface	N	11/20/2006	Acenaphthylene	<350	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-C10B-1	CS-C10B-1	0	0	Surface	N	7/28/2011	Anthracene	<17	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-DC-1	CS-DC-1	0	0	Surface	N	5/3/2011	Anthracene	<88	ug/kg	EPA 8270C	Analyzed by both EPA 8270C and 8270 SIM. The data from EPA 8270C was excluded.
DU-1	M-161D	M-161D-0.5-20141203	0.5	1	Surface	N	12/3/2014	Anthracene	<0.081	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample ID	Start Depth (ft bgs)	End depth (ft bgs)	Depth Group	Sample Type	Sample Date	Chemical	Result	Unit	Analytical Method	Reason for Exclusion
DU-1	M-162D	M-162D-0.5-20141209	0.5	1	Surface	N	12/9/2014	Anthracene	<0.083	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5	1	Surface	N	3/8/2017	Anthracene	<0.080	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5	1	Surface	N	3/9/2017	Anthracene	<0.19	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5	1	Surface	N	3/10/2017	Anthracene	<0.084	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5	1	Surface	N	3/6/2017	Anthracene	<0.086	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5	1	Surface	N	3/11/2017	Anthracene	<0.087	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-6	RIDB-6-0.5-20170225B	0.5	1	Surface	N	2/25/2017	Anthracene	<0.19	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5	1	Surface	N	3/12/2017	Anthracene	<0.087	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5	1	Surface	FD	3/12/2017	Anthracene	<0.086	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-09	RISB-09-0.5-20141211	0.5	1	Surface	N	12/11/2014	Anthracene	<0.081	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-10	RISB-10-0.5-20141215	0.5	1	Surface	N	12/15/2014	Anthracene	<0.080	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-11	RISB-11-0.5-20141217	0.5	1	Surface	N	12/17/2014	Anthracene	<0.084	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-12	RISB-12-0.5-20141215	0.5	1	Surface	N	12/15/2014	Anthracene	<0.082	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-13	RISB-13-0.5-20141217	0.5	1	Surface	N	12/17/2014	Anthracene	<0.085	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-14	RISB-14-0.5-20141216	0.5	1	Surface	N	12/16/2014	Anthracene	<0.083	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-39	RISB-39-0.5-20141121	0.5	1	Surface	N	11/21/2014	Anthracene	<0.083	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-40	RISB-40-0.5-20141121	0.5	1	Surface	N	11/21/2014	Anthracene	<0.082	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121	0.5	1	Surface	N	11/21/2014	Anthracene	<0.083	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5	1	Surface	FD	11/21/2014	Anthracene	<0.083	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-47	RISB-47-0.5-20141120	0.5	1	Surface	N	11/20/2014	Anthracene	<0.081	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-48	RISB-48-0.5-20141120	0.5	1	Surface	N	11/20/2014	Anthracene	<0.082	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1	1.5	Other	N	9/26/2018	Anthracene	<0.082	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Anthracene	<0.081	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Anthracene	<0.082	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1	1.5	Other	FD	9/25/2018	Anthracene	<0.082	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1	1.5	Other	N	9/25/2018	Anthracene	<0.085	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1	1.5	Other	N	9/25/2018	Anthracene	<0.083	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Anthracene	<0.082	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Anthracene	<0.082	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-01	RIT-1-01-20141111	--	--	Surface	N	11/11/2014	Anthracene	<0.086	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-02	RIT-1-02-20141111	--	--	Surface	N	11/11/2014	Anthracene	<0.083	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-03	RIT-1-03-20141112	--	--	Surface	N	11/12/2014	Anthracene	<0.17	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-04	RIT-1-04-20141112	--	--	Surface	N	11/12/2014	Anthracene	<0.082	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-05	RIT-1-05-20141112	--	--	Surface	N	11/12/2014	Anthracene	<0.17	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-01	RIT-2-01-20141112	--	--	Surface	N	11/12/2014	Anthracene	<0.18	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-02	RIT-2-02-20141112	--	--	Surface	N	11/12/2014	Anthracene	<0.084	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112	--	--	Surface	N	11/12/2014	Anthracene	<0.081	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	--	Surface	FD	11/12/2014	Anthracene	<0.082	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-04	RIT-2-04-20141113	--	--	Surface	N	11/13/2014	Anthracene	<0.082	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-05	RIT-2-05-20141113	--	--	Surface	N	11/13/2014	Anthracene	<0.32	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-01	RIT-3-01-20141113	--	--	Surface	N	11/13/2014	Anthracene	<0.086	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-02	RIT-3-02-20141113	--	--	Surface	N	11/13/2014	Anthracene	<0.081	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113	--	--	Surface	N	11/13/2014	Anthracene	<2.5	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	--	Surface	FD	11/13/2014	Anthracene	<0.99	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-04	RIT-3-04-20141113	--	--	Surface	N	11/13/2014	Anthracene	<0.081	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-05	RIT-3-05-20141113	--	--	Surface	N	11/13/2014	Anthracene	<0.079	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA02	SA2-0.5	0.5	2	Surface	N	11/3/2006	Anthracene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	SA21	SA21-0.5	0.5	2	Surface	N	11/15/2006	Anthracene	<340	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA07	SA7-0.5	0.5	2	Surface	N	11/20/2006	Anthracene	<350	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-C10B-1	CS-C10B-1	0	0	Surface	N	7/28/2011	Benzo(a)anthracene	<20	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-DC-1	CS-DC-1	0	0	Surface	N	5/3/2011	Benzo(a)anthracene	<94	ug/kg	EPA 8270C	Analyzed by both EPA 8270C and 8270 SIM. The data from EPA 8270C was excluded.
DU-1	M-161D	M-161D-0.5-20141203	0.5	1	Surface	N	12/3/2014	Benzo(a)anthracene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	M-162D	M-162D-0.5-20141209	0.5	1	Surface	N	12/9/2014	Benzo(a)anthracene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5	1	Surface	N	3/8/2017	Benzo(a)anthracene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5	1	Surface	N	3/9/2017	Benzo(a)anthracene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5	1	Surface	N	3/10/2017	Benzo(a)anthracene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample ID	Start Depth (ft bgs)	End depth (ft bgs)	Depth Group	Sample Type	Sample Date	Chemical	Result	Unit	Analytical Method	Reason for Exclusion
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5	1	Surface	N	3/6/2017	Benzo(a)anthracene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5	1	Surface	N	3/11/2017	Benzo(a)anthracene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-6	RIDB-6-0.5-20170225B	0.5	1	Surface	N	2/25/2017	Benzo(a)anthracene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5	1	Surface	N	3/12/2017	Benzo(a)anthracene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5	1	Surface	FD	3/12/2017	Benzo(a)anthracene	<0.075	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-09	RISB-09-0.5-20141211	0.5	1	Surface	N	12/11/2014	Benzo(a)anthracene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-10	RISB-10-0.5-20141215	0.5	1	Surface	N	12/15/2014	Benzo(a)anthracene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-11	RISB-11-0.5-20141217	0.5	1	Surface	N	12/17/2014	Benzo(a)anthracene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-12	RISB-12-0.5-20141215	0.5	1	Surface	N	12/15/2014	Benzo(a)anthracene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-13	RISB-13-0.5-20141217	0.5	1	Surface	N	12/17/2014	Benzo(a)anthracene	<0.074	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-14	RISB-14-0.5-20141216	0.5	1	Surface	N	12/16/2014	Benzo(a)anthracene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-39	RISB-39-0.5-20141121	0.5	1	Surface	N	11/21/2014	Benzo(a)anthracene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-40	RISB-40-0.5-20141121	0.5	1	Surface	N	11/21/2014	Benzo(a)anthracene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121	0.5	1	Surface	N	11/21/2014	Benzo(a)anthracene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5	1	Surface	FD	11/21/2014	Benzo(a)anthracene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-47	RISB-47-0.5-20141120	0.5	1	Surface	N	11/20/2014	Benzo(a)anthracene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-48	RISB-48-0.5-20141120	0.5	1	Surface	N	11/20/2014	Benzo(a)anthracene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1	1.5	Other	N	9/26/2018	Benzo(a)anthracene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Benzo(a)anthracene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Benzo(a)anthracene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1	1.5	Other	FD	9/25/2018	Benzo(a)anthracene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1	1.5	Other	N	9/25/2018	Benzo(a)anthracene	<0.074	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1	1.5	Other	N	9/25/2018	Benzo(a)anthracene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Benzo(a)anthracene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Benzo(a)anthracene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-01	RIT-1-01-20141111	--	--	Surface	N	11/11/2014	Benzo(a)anthracene	<0.075	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-02	RIT-1-02-20141111	--	--	Surface	N	11/11/2014	Benzo(a)anthracene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-03	RIT-1-03-20141112	--	--	Surface	N	11/12/2014	Benzo(a)anthracene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-04	RIT-1-04-20141112	--	--	Surface	N	11/12/2014	Benzo(a)anthracene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-05	RIT-1-05-20141112	--	--	Surface	N	11/12/2014	Benzo(a)anthracene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-01	RIT-2-01-20141112	--	--	Surface	N	11/12/2014	Benzo(a)anthracene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-02	RIT-2-02-20141112	--	--	Surface	N	11/12/2014	Benzo(a)anthracene	<0.074	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112	--	--	Surface	N	11/12/2014	Benzo(a)anthracene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	--	Surface	FD	11/12/2014	Benzo(a)anthracene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-04	RIT-2-04-20141113	--	--	Surface	N	11/13/2014	Benzo(a)anthracene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-05	RIT-2-05-20141113	--	--	Surface	N	11/13/2014	Benzo(a)anthracene	<0.28	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-01	RIT-3-01-20141113	--	--	Surface	N	11/13/2014	Benzo(a)anthracene	<0.075	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-02	RIT-3-02-20141113	--	--	Surface	N	11/13/2014	Benzo(a)anthracene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113	--	--	Surface	N	11/13/2014	Benzo(a)anthracene	<2.2	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	--	Surface	FD	11/13/2014	Benzo(a)anthracene	<0.86	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-04	RIT-3-04-20141113	--	--	Surface	N	11/13/2014	Benzo(a)anthracene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-05	RIT-3-05-20141113	--	--	Surface	N	11/13/2014	Benzo(a)anthracene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA02	SA2-0.5	0.5	2	Surface	N	11/3/2006	Benzo(a)anthracene	<350	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	SA21	SA21-0.5	0.5	2	Surface	N	11/15/2006	Benzo(a)anthracene	<340	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA07	SA7-0.5	0.5	2	Surface	N	11/20/2006	Benzo(a)anthracene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-C10B-1	CS-C10B-1	0	0	Surface	N	7/28/2011	Benzo(a)pyrene	<20	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-DC-1	CS-DC-1	0	0	Surface	N	5/3/2011	Benzo(a)pyrene	<96	ug/kg	EPA 8270C	Analyzed by both EPA 8270C and 8270 SIM. The data from EPA 8270C was excluded.
DU-1	M-161D	M-161D-0.5-20141203	0.5	1	Surface	N	12/3/2014	Benzo(a)pyrene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	M-162D	M-162D-0.5-20141209	0.5	1	Surface	N	12/9/2014	Benzo(a)pyrene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5	1	Surface	N	3/8/2017	Benzo(a)pyrene	<0.067	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5	1	Surface	N	3/9/2017	Benzo(a)pyrene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5	1	Surface	N	3/10/2017	Benzo(a)pyrene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5	1	Surface	N	3/6/2017	Benzo(a)pyrene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5	1	Surface	N	3/11/2017	Benzo(a)pyrene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-6	RIDB-6-0.5-20170225B	0.5	1	Surface	N	2/25/2017	Benzo(a)pyrene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5	1	Surface	N	3/12/2017	Benzo(a)pyrene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample ID	Start Depth (ft bgs)	End depth (ft bgs)	Depth Group	Sample Type	Sample Date	Chemical	Result	Unit	Analytical Method	Reason for Exclusion
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5	1	Surface	FD	3/12/2017	Benzo(a)pyrene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-09	RISB-09-0.5-20141211	0.5	1	Surface	N	12/11/2014	Benzo(a)pyrene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-10	RISB-10-0.5-20141215	0.5	1	Surface	N	12/15/2014	Benzo(a)pyrene	<0.067	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-11	RISB-11-0.5-20141217	0.5	1	Surface	N	12/17/2014	Benzo(a)pyrene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-12	RISB-12-0.5-20141215	0.5	1	Surface	N	12/15/2014	Benzo(a)pyrene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-13	RISB-13-0.5-20141217	0.5	1	Surface	N	12/17/2014	Benzo(a)pyrene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-14	RISB-14-0.5-20141216	0.5	1	Surface	N	12/16/2014	Benzo(a)pyrene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-39	RISB-39-0.5-20141121	0.5	1	Surface	N	11/21/2014	Benzo(a)pyrene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-40	RISB-40-0.5-20141121	0.5	1	Surface	N	11/21/2014	Benzo(a)pyrene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121	0.5	1	Surface	N	11/21/2014	Benzo(a)pyrene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5	1	Surface	FD	11/21/2014	Benzo(a)pyrene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-47	RISB-47-0.5-20141120	0.5	1	Surface	N	11/20/2014	Benzo(a)pyrene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-48	RISB-48-0.5-20141120	0.5	1	Surface	N	11/20/2014	Benzo(a)pyrene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1	1.5	Other	N	9/26/2018	Benzo(a)pyrene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Benzo(a)pyrene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Benzo(a)pyrene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1	1.5	Other	FD	9/25/2018	Benzo(a)pyrene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1	1.5	Other	N	9/25/2018	Benzo(a)pyrene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1	1.5	Other	N	9/25/2018	Benzo(a)pyrene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Benzo(a)pyrene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Benzo(a)pyrene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-01	RIT-1-01-20141111	--	--	Surface	N	11/11/2014	Benzo(a)pyrene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-02	RIT-1-02-20141111	--	--	Surface	N	11/11/2014	Benzo(a)pyrene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-03	RIT-1-03-20141112	--	--	Surface	N	11/12/2014	Benzo(a)pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-04	RIT-1-04-20141112	--	--	Surface	N	11/12/2014	Benzo(a)pyrene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-05	RIT-1-05-20141112	--	--	Surface	N	11/12/2014	Benzo(a)pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-01	RIT-2-01-20141112	--	--	Surface	N	11/12/2014	Benzo(a)pyrene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-02	RIT-2-02-20141112	--	--	Surface	N	11/12/2014	Benzo(a)pyrene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112	--	--	Surface	N	11/12/2014	Benzo(a)pyrene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	--	Surface	FD	11/12/2014	Benzo(a)pyrene	0.081 J	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-04	RIT-2-04-20141113	--	--	Surface	N	11/13/2014	Benzo(a)pyrene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-05	RIT-2-05-20141113	--	--	Surface	N	11/13/2014	Benzo(a)pyrene	<0.27	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-01	RIT-3-01-20141113	--	--	Surface	N	11/13/2014	Benzo(a)pyrene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-02	RIT-3-02-20141113	--	--	Surface	N	11/13/2014	Benzo(a)pyrene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113	--	--	Surface	N	11/13/2014	Benzo(a)pyrene	<2.1	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	--	Surface	FD	11/13/2014	Benzo(a)pyrene	<0.83	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-04	RIT-3-04-20141113	--	--	Surface	N	11/13/2014	Benzo(a)pyrene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA02	SA2-0.5	0.5	2	Surface	N	11/3/2006	Benzo(a)pyrene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	SA21	SA21-0.5	0.5	2	Surface	N	11/15/2006	Benzo(a)pyrene	<340	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA07	SA7-0.5	0.5	2	Surface	N	11/20/2006	Benzo(a)pyrene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-C10B-1	CS-C10B-1	0	0	Surface	N	7/28/2011	Benzo(b)fluoranthene	<27	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-DC-1	CS-DC-1	0	0	Surface	N	5/3/2011	Benzo(b)fluoranthene	<97	ug/kg	EPA 8270C	Analyzed by both EPA 8270C and 8270 SIM. The data from EPA 8270C was excluded.
DU-1	M-161D	M-161D-0.5-20141203	0.5	1	Surface	N	12/3/2014	Benzo(b)fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	M-162D	M-162D-0.5-20141209	0.5	1	Surface	N	12/9/2014	Benzo(b)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5	1	Surface	N	3/8/2017	Benzo(b)fluoranthene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5	1	Surface	N	3/9/2017	Benzo(b)fluoranthene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5	1	Surface	N	3/10/2017	Benzo(b)fluoranthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5	1	Surface	N	3/6/2017	Benzo(b)fluoranthene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5	1	Surface	N	3/11/2017	Benzo(b)fluoranthene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-6	RIDB-6-0.5-20170225B	0.5	1	Surface	N	2/25/2017	Benzo(b)fluoranthene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5	1	Surface	N	3/12/2017	Benzo(b)fluoranthene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5	1	Surface	FD	3/12/2017	Benzo(b)fluoranthene	<0.075	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-09	RISB-09-0.5-20141211	0.5	1	Surface	N	12/11/2014	Benzo(b)fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-10	RISB-10-0.5-20141215	0.5	1	Surface	N	12/15/2014	Benzo(b)fluoranthene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-11	RISB-11-0.5-20141217	0.5	1	Surface	N	12/17/2014	Benzo(b)fluoranthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-12	RISB-12-0.5-20141215	0.5	1	Surface	N	12/15/2014	Benzo(b)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample ID	Start Depth (ft bgs)	End depth (ft bgs)	Depth Group	Sample Type	Sample Date	Chemical	Result	Unit	Analytical Method	Reason for Exclusion
DU-1	RISB-13	RISB-13-0.5-20141217	0.5	1	Surface	N	12/17/2014	Benzo(b)fluoranthene	<0.074	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-14	RISB-14-0.5-20141216	0.5	1	Surface	N	12/16/2014	Benzo(b)fluoranthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-39	RISB-39-0.5-20141121	0.5	1	Surface	N	11/21/2014	Benzo(b)fluoranthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-40	RISB-40-0.5-20141121	0.5	1	Surface	N	11/21/2014	Benzo(b)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121	0.5	1	Surface	N	11/21/2014	Benzo(b)fluoranthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5	1	Surface	FD	11/21/2014	Benzo(b)fluoranthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-47	RISB-47-0.5-20141120	0.5	1	Surface	N	11/20/2014	Benzo(b)fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-48	RISB-48-0.5-20141120	0.5	1	Surface	N	11/20/2014	Benzo(b)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1	1.5	Other	N	9/26/2018	Benzo(b)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Benzo(b)fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Benzo(b)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1	1.5	Other	FD	9/25/2018	Benzo(b)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1	1.5	Other	N	9/25/2018	Benzo(b)fluoranthene	<0.074	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1	1.5	Other	N	9/25/2018	Benzo(b)fluoranthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Benzo(b)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Benzo(b)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-01	RIT-1-01-20141111	--	--	Surface	N	11/11/2014	Benzo(b)fluoranthene	<0.075	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-02	RIT-1-02-20141111	--	--	Surface	N	11/11/2014	Benzo(b)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-03	RIT-1-03-20141112	--	--	Surface	N	11/12/2014	Benzo(b)fluoranthene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-04	RIT-1-04-20141112	--	--	Surface	N	11/12/2014	Benzo(b)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-05	RIT-1-05-20141112	--	--	Surface	N	11/12/2014	Benzo(b)fluoranthene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-01	RIT-2-01-20141112	--	--	Surface	N	11/12/2014	Benzo(b)fluoranthene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-02	RIT-2-02-20141112	--	--	Surface	N	11/12/2014	Benzo(b)fluoranthene	<0.074	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112	--	--	Surface	N	11/12/2014	Benzo(b)fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	--	Surface	FD	11/12/2014	Benzo(b)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-04	RIT-2-04-20141113	--	--	Surface	N	11/13/2014	Benzo(b)fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-05	RIT-2-05-20141113	--	--	Surface	N	11/13/2014	Benzo(b)fluoranthene	<0.28	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-01	RIT-3-01-20141113	--	--	Surface	N	11/13/2014	Benzo(b)fluoranthene	<0.075	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-02	RIT-3-02-20141113	--	--	Surface	N	11/13/2014	Benzo(b)fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113	--	--	Surface	N	11/13/2014	Benzo(b)fluoranthene	<2.2	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	--	Surface	FD	11/13/2014	Benzo(b)fluoranthene	<0.86	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-04	RIT-3-04-20141113	--	--	Surface	N	11/13/2014	Benzo(b)fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA02	SA2-0.5	0.5	2	Surface	N	11/3/2006	Benzo(b)fluoranthene	<350	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	SA21	SA21-0.5	0.5	2	Surface	N	11/15/2006	Benzo(b)fluoranthene	<340	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA07	SA7-0.5	0.5	2	Surface	N	11/20/2006	Benzo(b)fluoranthene	<350	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-C10B-1	CS-C10B-1	0	0	Surface	N	7/28/2011	Benzo(g,h,i)perylene	<16	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-DC-1	CS-DC-1	0	0	Surface	N	5/3/2011	Benzo(g,h,i)perylene	<110	ug/kg	EPA 8270C	Analyzed by both EPA 8270C and 8270 SIM. The data from EPA 8270C was excluded.
DU-1	M-161D	M-161D-0.5-20141203	0.5	1	Surface	N	12/3/2014	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	M-162D	M-162D-0.5-20141209	0.5	1	Surface	N	12/9/2014	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5	1	Surface	N	3/8/2017	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5	1	Surface	N	3/9/2017	Benzo(g,h,i)perylene	<0.26	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5	1	Surface	N	3/10/2017	Benzo(g,h,i)perylene	<0.12	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5	1	Surface	N	3/6/2017	Benzo(g,h,i)perylene	<0.12	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5	1	Surface	N	3/11/2017	Benzo(g,h,i)perylene	<0.12	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-6	RIDB-6-0.5-20170225B	0.5	1	Surface	N	2/25/2017	Benzo(g,h,i)perylene	<0.26	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5	1	Surface	N	3/12/2017	Benzo(g,h,i)perylene	<0.12	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5	1	Surface	FD	3/12/2017	Benzo(g,h,i)perylene	<0.12	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-09	RISB-09-0.5-20141211	0.5	1	Surface	N	12/11/2014	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-10	RISB-10-0.5-20141215	0.5	1	Surface	N	12/15/2014	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-11	RISB-11-0.5-20141217	0.5	1	Surface	N	12/17/2014	Benzo(g,h,i)perylene	<0.12	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-12	RISB-12-0.5-20141215	0.5	1	Surface	N	12/15/2014	Benzo(g,h,i)perylene	0.11 UJ	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-13	RISB-13-0.5-20141217	0.5	1	Surface	N	12/17/2014	Benzo(g,h,i)perylene	<0.12	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-14	RISB-14-0.5-20141216	0.5	1	Surface	N	12/16/2014	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-39	RISB-39-0.5-20141121	0.5	1	Surface	N	11/21/2014	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-40	RISB-40-0.5-20141121	0.5	1	Surface	N	11/21/2014	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121	0.5	1	Surface	N	11/21/2014	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample ID	Start Depth (ft bgs)	End depth (ft bgs)	Depth Group	Sample Type	Sample Date	Chemical	Result	Unit	Analytical Method	Reason for Exclusion
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5	1	Surface	FD	11/21/2014	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-47	RISB-47-0.5-20141120	0.5	1	Surface	N	11/20/2014	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-48	RISB-48-0.5-20141120	0.5	1	Surface	N	11/20/2014	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1	1.5	Other	N	9/26/2018	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1	1.5	Other	FD	9/25/2018	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1	1.5	Other	N	9/25/2018	Benzo(g,h,i)perylene	<0.12	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1	1.5	Other	N	9/25/2018	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-01	RIT-1-01-20141111	--	--	Surface	N	11/11/2014	Benzo(g,h,i)perylene	<0.12	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-02	RIT-1-02-20141111	--	--	Surface	N	11/11/2014	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-03	RIT-1-03-20141112	--	--	Surface	N	11/12/2014	Benzo(g,h,i)perylene	<0.23	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-04	RIT-1-04-20141112	--	--	Surface	N	11/12/2014	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-05	RIT-1-05-20141112	--	--	Surface	N	11/12/2014	Benzo(g,h,i)perylene	<0.24	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-01	RIT-2-01-20141112	--	--	Surface	N	11/12/2014	Benzo(g,h,i)perylene	<0.24	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-02	RIT-2-02-20141112	--	--	Surface	N	11/12/2014	Benzo(g,h,i)perylene	<0.12	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112	--	--	Surface	N	11/12/2014	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	--	Surface	FD	11/12/2014	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-04	RIT-2-04-20141113	--	--	Surface	N	11/13/2014	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-05	RIT-2-05-20141113	--	--	Surface	N	11/13/2014	Benzo(g,h,i)perylene	<0.44	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-01	RIT-3-01-20141113	--	--	Surface	N	11/13/2014	Benzo(g,h,i)perylene	<0.12	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-02	RIT-3-02-20141113	--	--	Surface	N	11/13/2014	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113	--	--	Surface	N	11/13/2014	Benzo(g,h,i)perylene	<3.4	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	--	Surface	FD	11/13/2014	Benzo(g,h,i)perylene	<1.4	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-04	RIT-3-04-20141113	--	--	Surface	N	11/13/2014	Benzo(g,h,i)perylene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA02	SA2-0.5	0.5	2	Surface	N	11/3/2006	Benzo(g,h,i)perylene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	SA21	SA21-0.5	0.5	2	Surface	N	11/15/2006	Benzo(g,h,i)perylene	<340	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA07	SA7-0.5	0.5	2	Surface	N	11/20/2006	Benzo(g,h,i)perylene	<350	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-C10B-1	CS-C10B-1	0	0	Surface	N	7/28/2011	Benzo(k)fluoranthene	<41	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-DC-1	CS-DC-1	0	0	Surface	N	5/3/2011	Benzo(k)fluoranthene	<120	ug/kg	EPA 8270C	Analyzed by both EPA 8270C and 8270 SIM. The data from EPA 8270C was excluded.
DU-1	M-161D	M-161D-0.5-20141203	0.5	1	Surface	N	12/3/2014	Benzo(k)fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	M-162D	M-162D-0.5-20141209	0.5	1	Surface	N	12/9/2014	Benzo(k)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5	1	Surface	N	3/8/2017	Benzo(k)fluoranthene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5	1	Surface	N	3/9/2017	Benzo(k)fluoranthene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5	1	Surface	N	3/10/2017	Benzo(k)fluoranthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5	1	Surface	N	3/6/2017	Benzo(k)fluoranthene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5	1	Surface	N	3/11/2017	Benzo(k)fluoranthene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-6	RIDB-6-0.5-20170225B	0.5	1	Surface	N	2/25/2017	Benzo(k)fluoranthene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5	1	Surface	N	3/12/2017	Benzo(k)fluoranthene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5	1	Surface	FD	3/12/2017	Benzo(k)fluoranthene	<0.075	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-09	RISB-09-0.5-20141211	0.5	1	Surface	N	12/11/2014	Benzo(k)fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-10	RISB-10-0.5-20141215	0.5	1	Surface	N	12/15/2014	Benzo(k)fluoranthene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-11	RISB-11-0.5-20141217	0.5	1	Surface	N	12/17/2014	Benzo(k)fluoranthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-12	RISB-12-0.5-20141215	0.5	1	Surface	N	12/15/2014	Benzo(k)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-13	RISB-13-0.5-20141217	0.5	1	Surface	N	12/17/2014	Benzo(k)fluoranthene	<0.074	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-14	RISB-14-0.5-20141216	0.5	1	Surface	N	12/16/2014	Benzo(k)fluoranthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-39	RISB-39-0.5-20141121	0.5	1	Surface	N	11/21/2014	Benzo(k)fluoranthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-40	RISB-40-0.5-20141121	0.5	1	Surface	N	11/21/2014	Benzo(k)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121	0.5	1	Surface	N	11/21/2014	Benzo(k)fluoranthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5	1	Surface	FD	11/21/2014	Benzo(k)fluoranthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-47	RISB-47-0.5-20141120	0.5	1	Surface	N	11/20/2014	Benzo(k)fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-48	RISB-48-0.5-20141120	0.5	1	Surface	N	11/20/2014	Benzo(k)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1	1.5	Other	N	9/26/2018	Benzo(k)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Benzo(k)fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample ID	Start Depth (ft bgs)	End depth (ft bgs)	Depth Group	Sample Type	Sample Date	Chemical	Result	Unit	Analytical Method	Reason for Exclusion
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Benzo(k)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1	1.5	Other	FD	9/25/2018	Benzo(k)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1	1.5	Other	N	9/25/2018	Benzo(k)fluoranthene	<0.074	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1	1.5	Other	N	9/25/2018	Benzo(k)fluoranthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Benzo(k)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Benzo(k)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-01	RIT-1-01-20141111	--	--	Surface	N	11/11/2014	Benzo(k)fluoranthene	<0.075	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-02	RIT-1-02-20141111	--	--	Surface	N	11/11/2014	Benzo(k)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-03	RIT-1-03-20141112	--	--	Surface	N	11/12/2014	Benzo(k)fluoranthene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-04	RIT-1-04-20141112	--	--	Surface	N	11/12/2014	Benzo(k)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-05	RIT-1-05-20141112	--	--	Surface	N	11/12/2014	Benzo(k)fluoranthene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-01	RIT-2-01-20141112	--	--	Surface	N	11/12/2014	Benzo(k)fluoranthene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-02	RIT-2-02-20141112	--	--	Surface	N	11/12/2014	Benzo(k)fluoranthene	<0.074	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112	--	--	Surface	N	11/12/2014	Benzo(k)fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	--	Surface	FD	11/12/2014	Benzo(k)fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-04	RIT-2-04-20141113	--	--	Surface	N	11/13/2014	Benzo(k)fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-05	RIT-2-05-20141113	--	--	Surface	N	11/13/2014	Benzo(k)fluoranthene	<0.28	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-01	RIT-3-01-20141113	--	--	Surface	N	11/13/2014	Benzo(k)fluoranthene	<0.075	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-02	RIT-3-02-20141113	--	--	Surface	N	11/13/2014	Benzo(k)fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113	--	--	Surface	N	11/13/2014	Benzo(k)fluoranthene	<2.2	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	--	Surface	FD	11/13/2014	Benzo(k)fluoranthene	<0.86	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-04	RIT-3-04-20141113	--	--	Surface	N	11/13/2014	Benzo(k)fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA02	SA2-0.5	0.5	2	Surface	N	11/3/2006	Benzo(k)fluoranthene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	SA21	SA21-0.5	0.5	2	Surface	N	11/15/2006	Benzo(k)fluoranthene	<340	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA07	SA7-0.5	0.5	2	Surface	N	11/20/2006	Benzo(k)fluoranthene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RSAI4	RSAI4-0.5B	0.5	2	Surface	N	7/24/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAI5	RSAI5-0.5B	0.5	2	Surface	N	7/24/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAI7	RSAI7-0.5B	0	0.5	Surface	N	7/11/2008	Chromium VI	<0.101	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAJ5	RSAJ5-0.5B	0.5	2	Surface	N	6/2/2009	Chromium VI	<0.20	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAK4	RSAK4-0.5B	0.5	1.5	Surface	N	6/11/2009	Chromium VI	<0.18	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAK4	RSAK4009-0.5B	0.5	2	Surface	FD	6/11/2009	Chromium VI	<0.18	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAK6	RSAK6-0.5B	0	1	Surface	N	6/5/2009	Chromium VI	0.27 J	mg/kg	EPA 7199	Analyzed twice by the same method and both detected. The data with the lower value was excluded.
DU-1	RSAL4	RSAL4-0.5B	0.5	2	Surface	N	7/7/2009	Chromium VI	<0.18	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAL4	RSAL4009-0.5B	0.5	2	Surface	FD	7/7/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAL5	RSAL5-0.5B	0.5	2	Surface	N	7/15/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAL6	RSAL6-0.5B	0	1.5	Surface	N	7/29/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAL7	RSAL7-0.5B	0.5	1.5	Surface	N	6/5/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAL8	RSAL8-0.5B	0.5	1.5	Surface	N	6/5/2009	Chromium VI	<0.18	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAM2	RSAM2-0.5B	0.5	2	Surface	N	6/3/2009	Chromium VI	<0.18	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAM4	RSAM4-0.5B	0.5	2	Surface	N	7/8/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAM6	RSAM6-0.5B	0.5	2	Surface	N	6/18/2009	Chromium VI	<0.18	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAM7	RSAM7-0.5B	0	1.5	Surface	N	6/18/2009	Chromium VI	<0.18	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAM8	RSAM8-0.5B	0	1	Surface	N	6/12/2009	Chromium VI	<0.18	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAN3	RSAN3-0.5B	0	1.5	Surface	N	7/8/2009	Chromium VI	<0.20	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAN4	RSAN4-0.5B	0	1.5	Surface	N	7/8/2009	Chromium VI	<0.20	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAN5	RSAN5-0.5B	0.5	2	Surface	N	6/23/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAO2	RSAO2-0.5B	0.5	2	Surface	N	7/9/2008	Chromium VI	<0.101	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAO3	RSAO3-0.5B	0	0	Surface	N	6/10/2009	Chromium VI	<0.18	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAO5	RSAO5-0.5B	0.5	2	Surface	N	6/29/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAO6	RSAO6-0.5B	0	0.5	Surface	N	6/24/2009	Chromium VI	<0.18	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAO7	RSAO7-9B	0	1.5	Surface	N	10/12/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	RSAO8	RSAO8-11.5B	0	1	Surface	N	9/14/2009	Chromium VI	0.59	mg/kg	EPA 7199	Analyzed twice by the same method and both detected. The data with the lower value was excluded.
DU-2	RSAP7	RSAP7-0.5B	0.5	2	Surface	N	10/27/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-2	RSAQ6	RSAQ6-0.5B	0	0	Surface	N	9/11/2009	Chromium VI	<0.20	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-2	RSAQ7	RSAQ7-0.5B	0.5	2	Surface	N	10/27/2009	Chromium VI	<0.20	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-2	RSAS3	RSAS3-0.5B	0.5	2	Surface	N	8/26/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample ID	Start Depth (ft bgs)	End depth (ft bgs)	Depth Group	Sample Type	Sample Date	Chemical	Result	Unit	Analytical Method	Reason for Exclusion
DU-2	RSAS3	RSAS3009-0.5B	0.5	2	Surface	FD	8/26/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-2	RSAT6	RSAT6-0.5B	0.5	2	Surface	N	8/28/2009	Chromium VI	<0.18	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-2	RSAU4	RSAU4-0.5B	0.5	2	Surface	N	7/29/2009	Chromium VI	<0.20	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-2	RSAU5	RSAU5-0.5B	0.5	2	Surface	N	8/5/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA102	SA102-1.5BR	0	0.5	Surface	N	12/16/2009	Chromium VI	19.6	mg/kg	EPA 7199	Analyzed twice by the same method and both detected. The data with the lower value was excluded.
DU-1	SA102	SA102-1BR	0	0	Surface	N	12/16/2009	Chromium VI	19.9	mg/kg	EPA 7199	Analyzed twice by the same method and both detected. The data with the lower value was excluded.
DU-2	SA103	SA103-0.5B	0.5	2.5	Surface	N	10/6/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA114	SA114009-1BR	0	0	Surface	FD	12/16/2009	Chromium VI	4.12	mg/kg	EPA 7199	Analyzed twice by the same method and both detected. The data with the lower value was excluded.
DU-1	SA114	SA114-1.5BR	0	0.5	Surface	N	12/16/2009	Chromium VI	3.89	mg/kg	EPA 7199	Analyzed twice by the same method and both detected. The data with the lower value was excluded.
DU-1	SA114	SA114-1BR	0	0	Surface	N	12/16/2009	Chromium VI	4.11	mg/kg	EPA 7199	Analyzed twice by the same method and both detected. The data with the lower value was excluded.
DU-2	SA116	SA116-0.5B	0.5	2	Surface	N	9/2/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-2	SA121	SA121-0.5B	0.5	2	Surface	N	9/25/2009	Chromium VI	1.56 J	mg/kg	EPA 7199	Analyzed twice by the same method and both detected. The data with the lower value was excluded.
DU-2	SA121	SA121009-0.5B	0.5	2	Surface	FD	9/25/2009	Chromium VI	0.19 UJ	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-3	SA128	SA128-10B	0	1.5	Surface	N	9/16/2009	Chromium VI	0.40 J	mg/kg	EPA 7199	Analyzed twice by the same method and both detected. The data with the lower value was excluded.
DU-2	SA138	SA138-0.5B	0.5	2.5	Surface	N	10/6/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA141	SA141009-14B	0	1.5	Surface	FD	10/15/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA141	SA141-14B	0	1.5	Surface	N	10/15/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA145	SA145-0.5B	0	1.5	Surface	N	6/12/2009	Chromium VI	0.30 J	mg/kg	EPA 7199	Analyzed twice by the same method and both detected. The data with the lower value was excluded.
DU-2	SA146	SA146-0.5B	0.5	2	Surface	N	8/4/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-2	SA147	SA147-0.5B	0.5	2	Surface	N	8/4/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA151	SA151-0.5B	0.5	2	Surface	N	9/17/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA152	SA152-0.5B	0	1.5	Surface	N	6/4/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA152	SA152009-0.5B	0	1.5	Surface	FD	6/4/2009	Chromium VI	<0.18	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA157	SA157-0.5B	0.5	2	Surface	N	10/20/2009	Chromium VI	0.19 UJ	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA157	SA157009-0.5B	0.5	2	Surface	FD	10/20/2009	Chromium VI	1.99 J	mg/kg	EPA 7199	Analyzed twice by the same method and detected at the same value. One data point was excluded.
DU-1	SA158	SA158-0.5B	0	1.5	Surface	N	6/17/2009	Chromium VI	1.51	mg/kg	EPA 7199	Analyzed twice by the same method and both detected. The data with the lower value was excluded.
DU-1	SA166	SA166-0.5B	0.5	1.5	Surface	N	6/11/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA171	SA171-5B	0	1.5	Surface	N	10/19/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA173	SA173-0.5B	0.5	2	Surface	N	7/27/2009	Chromium VI	<0.18	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA173	SA173009-0.5B	0.5	2	Surface	FD	7/27/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA176	SA176-0.5B	0	1	Surface	N	6/10/2009	Chromium VI	<0.18	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA179	SA179-0.5B	0.5	2	Surface	N	7/28/2009	Chromium VI	<0.20	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA180	SA180-0.5B	0	0.5	Surface	N	6/26/2008	Chromium VI	<0.101	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA180	SA180-0.5BD	0	0.5	Surface	FD	6/26/2008	Chromium VI	0.645	mg/kg	EPA 7199	Analyzed twice by the same method and both detected. The data with the lower value was excluded.
DU-1	SA185	SA185-0.5B	0.5	2	Surface	N	6/29/2009	Chromium VI	2.54	mg/kg	EPA 7199	Analyzed twice by the same method and both detected. The data with the lower value was excluded.
DU-1	SA186	SA186-0.5B	0.5	2	Surface	N	6/29/2009	Chromium VI	0.49	mg/kg	EPA 7199	Analyzed twice by the same method and both detected. The data with the lower value was excluded.
DU-1	SA189	SA189-0.5B	0.5	2	Surface	N	6/4/2009	Chromium VI	<0.18	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-3	SA197	SA197-0.5B	0	1.5	Surface	N	6/19/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-2	SA212	SA212-0.5B	0.5	2	Surface	N	9/28/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-2	SA28	SA28-0.5B	0.5	2	Surface	N	8/3/2009	Chromium VI	0.20 J	mg/kg	EPA 7199	Analyzed twice by the same method and both detected. The data with the lower value was excluded.
DU-2	SA31	SA31-0.5B	0.5	2	Surface	N	9/9/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA35	SA35-0.5B	0	0	Surface	N	6/10/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA50	SA50-0.5B	0	0	Surface	N	6/30/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA55	SA55-0.5B	0.5	1.5	Surface	N	6/10/2009	Chromium VI	<0.18	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA62	SA62-0.5B	0.5	2	Surface	N	6/16/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-3	SA64	SA64-0.5B	0	1.5	Surface	N	6/19/2009	Chromium VI	1.29	mg/kg	EPA 7199	Analyzed twice by the same method and both detected. The data with the lower value was excluded.
DU-3	SA65	SA65-10B	0	0	Surface	N	8/25/2009	Chromium VI	<0.20	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA67	SA67-0.5B	0.5	2	Surface	N	7/7/2008	Chromium VI	<0.101	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA69	SA69-0.5B	0.5	2	Surface	N	7/7/2009	Chromium VI	<0.20	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA71	SA71-0.5B	0.5	2	Surface	N	6/16/2009	Chromium VI	0.44	mg/kg	EPA 7199	Analyzed twice by the same method and both detected. The data with the lower value was excluded.
DU-1	SA72	SA72-0.5B	0.5	2	Surface	N	7/27/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA73	SA73-0.5B	0	1.5	Surface	N	7/29/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA74	SA74-0.5B	0	1.5	Surface	N	7/15/2009	Chromium VI	<0.20	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA74	SA74009-0.5B	0	1.5	Surface	FD	7/15/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA75	SA75-0.5B	0	1.5	Surface	N	7/17/2009	Chromium VI	<0.19	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA85	SA85-0.5B	0.5	2	Surface	N	6/16/2009	Chromium VI	<0.18	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample ID	Start Depth (ft bgs)	End depth (ft bgs)	Depth Group	Sample Type	Sample Date	Chemical	Result	Unit	Analytical Method	Reason for Exclusion
DU-1	SA87	SA87-0.5B	0.5	2	Surface	N	6/25/2008	Chromium VI	<0.101	mg/kg	EPA 7199	Analyzed twice by the same method and not detected at the same detection limit. One data point was excluded.
DU-1	SA92	SA92-0.5B	0	0	Surface	N	6/17/2009	Chromium VI	0.22 J	mg/kg	EPA 7199	Analyzed twice by the same method and both detected. The data with the lower value was excluded.
DU-1	CS-C10B-1	CS-C10B-1	0	0	Surface	N	7/28/2011	Chrysene	43 J	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-DC-1	CS-DC-1	0	0	Surface	N	5/3/2011	Chrysene	<86	ug/kg	EPA 8270C	Analyzed by both EPA 8270C and 8270 SIM. The data from EPA 8270C was excluded.
DU-1	M-161D	M-161D-0.5-20141203	0.5	1	Surface	N	12/3/2014	Chrysene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	M-162D	M-162D-0.5-20141209	0.5	1	Surface	N	12/9/2014	Chrysene	<0.077	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5	1	Surface	N	3/8/2017	Chrysene	<0.075	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5	1	Surface	N	3/9/2017	Chrysene	<0.17	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5	1	Surface	N	3/10/2017	Chrysene	<0.078	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5	1	Surface	N	3/6/2017	Chrysene	<0.081	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5	1	Surface	N	3/11/2017	Chrysene	<0.081	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-6	RIDB-6-0.5-20170225B	0.5	1	Surface	N	2/25/2017	Chrysene	<0.17	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5	1	Surface	N	3/12/2017	Chrysene	<0.082	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5	1	Surface	FD	3/12/2017	Chrysene	<0.081	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-09	RISB-09-0.5-20141211	0.5	1	Surface	N	12/11/2014	Chrysene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-10	RISB-10-0.5-20141215	0.5	1	Surface	N	12/15/2014	Chrysene	<0.075	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-11	RISB-11-0.5-20141217	0.5	1	Surface	N	12/17/2014	Chrysene	<0.079	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-12	RISB-12-0.5-20141215	0.5	1	Surface	N	12/15/2014	Chrysene	<0.077	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-13	RISB-13-0.5-20141217	0.5	1	Surface	N	12/17/2014	Chrysene	<0.080	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-14	RISB-14-0.5-20141216	0.5	1	Surface	N	12/16/2014	Chrysene	<0.078	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-39	RISB-39-0.5-20141121	0.5	1	Surface	N	11/21/2014	Chrysene	<0.078	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-40	RISB-40-0.5-20141121	0.5	1	Surface	N	11/21/2014	Chrysene	<0.077	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121	0.5	1	Surface	N	11/21/2014	Chrysene	<0.078	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5	1	Surface	FD	11/21/2014	Chrysene	<0.078	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-47	RISB-47-0.5-20141120	0.5	1	Surface	N	11/20/2014	Chrysene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-48	RISB-48-0.5-20141120	0.5	1	Surface	N	11/20/2014	Chrysene	<0.077	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1	1.5	Other	N	9/26/2018	Chrysene	<0.077	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Chrysene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Chrysene	<0.077	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1	1.5	Other	FD	9/25/2018	Chrysene	<0.077	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1	1.5	Other	N	9/25/2018	Chrysene	<0.080	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1	1.5	Other	N	9/25/2018	Chrysene	<0.078	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Chrysene	<0.077	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Chrysene	<0.077	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-01	RIT-1-01-20141111	--	--	Surface	N	11/11/2014	Chrysene	<0.081	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-02	RIT-1-02-20141111	--	--	Surface	N	11/11/2014	Chrysene	<0.077	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-03	RIT-1-03-20141112	--	--	Surface	N	11/12/2014	Chrysene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-04	RIT-1-04-20141112	--	--	Surface	N	11/12/2014	Chrysene	<0.077	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-05	RIT-1-05-20141112	--	--	Surface	N	11/12/2014	Chrysene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-01	RIT-2-01-20141112	--	--	Surface	N	11/12/2014	Chrysene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-02	RIT-2-02-20141112	--	--	Surface	N	11/12/2014	Chrysene	<0.079	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112	--	--	Surface	N	11/12/2014	Chrysene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	--	Surface	FD	11/12/2014	Chrysene	<0.077	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-04	RIT-2-04-20141113	--	--	Surface	N	11/13/2014	Chrysene	<0.077	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-05	RIT-2-05-20141113	--	--	Surface	N	11/13/2014	Chrysene	<0.30	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-01	RIT-3-01-20141113	--	--	Surface	N	11/13/2014	Chrysene	<0.080	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-02	RIT-3-02-20141113	--	--	Surface	N	11/13/2014	Chrysene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113	--	--	Surface	N	11/13/2014	Chrysene	<2.3	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	--	Surface	FD	11/13/2014	Chrysene	<0.93	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-04	RIT-3-04-20141113	--	--	Surface	N	11/13/2014	Chrysene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-05	RIT-3-05-20141113	--	--	Surface	N	11/13/2014	Chrysene	<0.074	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA02	SA2-0.5	0.5	2	Surface	N	11/3/2006	Chrysene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	SA21	SA21-0.5	0.5	2	Surface	N	11/15/2006	Chrysene	<340	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA07	SA7-0.5	0.5	2	Surface	N	11/20/2006	Chrysene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-DC-1	CS-DC-1	0	0	Surface	N	5/3/2011	Dibenz(a,h)anthracene	<100	ug/kg	EPA 8270C	Analyzed by both EPA 8270C and 8270 SIM. The data from EPA 8270C was excluded.
DU-1	M-161D	M-161D-0.5-20141203	0.5	1	Surface	N	12/3/2014	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample ID	Start Depth (ft bgs)	End depth (ft bgs)	Depth Group	Sample Type	Sample Date	Chemical	Result	Unit	Analytical Method	Reason for Exclusion
DU-1	M-162D	M-162D-0.5-20141209	0.5	1	Surface	N	12/9/2014	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5	1	Surface	N	3/8/2017	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5	1	Surface	N	3/9/2017	Dibenz(a,h)anthracene	<0.23	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5	1	Surface	N	3/10/2017	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5	1	Surface	N	3/6/2017	Dibenz(a,h)anthracene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5	1	Surface	N	3/11/2017	Dibenz(a,h)anthracene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-6	RIDB-6-0.5-20170225B	0.5	1	Surface	N	2/25/2017	Dibenz(a,h)anthracene	<0.23	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5	1	Surface	N	3/12/2017	Dibenz(a,h)anthracene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5	1	Surface	FD	3/12/2017	Dibenz(a,h)anthracene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-09	RISB-09-0.5-20141211	0.5	1	Surface	N	12/11/2014	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-10	RISB-10-0.5-20141215	0.5	1	Surface	N	12/15/2014	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-11	RISB-11-0.5-20141217	0.5	1	Surface	N	12/17/2014	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-12	RISB-12-0.5-20141215	0.5	1	Surface	N	12/15/2014	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-13	RISB-13-0.5-20141217	0.5	1	Surface	N	12/17/2014	Dibenz(a,h)anthracene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-14	RISB-14-0.5-20141216	0.5	1	Surface	N	12/16/2014	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-39	RISB-39-0.5-20141121	0.5	1	Surface	N	11/21/2014	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-40	RISB-40-0.5-20141121	0.5	1	Surface	N	11/21/2014	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121	0.5	1	Surface	N	11/21/2014	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5	1	Surface	FD	11/21/2014	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-47	RISB-47-0.5-20141120	0.5	1	Surface	N	11/20/2014	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-48	RISB-48-0.5-20141120	0.5	1	Surface	N	11/20/2014	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1	1.5	Other	N	9/26/2018	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1	1.5	Other	FD	9/25/2018	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1	1.5	Other	N	9/25/2018	Dibenz(a,h)anthracene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1	1.5	Other	N	9/25/2018	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-01	RIT-1-01-20141111	--	--	Surface	N	11/11/2014	Dibenz(a,h)anthracene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-02	RIT-1-02-20141111	--	--	Surface	N	11/11/2014	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-03	RIT-1-03-20141112	--	--	Surface	N	11/12/2014	Dibenz(a,h)anthracene	<0.21	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-04	RIT-1-04-20141112	--	--	Surface	N	11/12/2014	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-05	RIT-1-05-20141112	--	--	Surface	N	11/12/2014	Dibenz(a,h)anthracene	<0.22	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-01	RIT-2-01-20141112	--	--	Surface	N	11/12/2014	Dibenz(a,h)anthracene	<0.22	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-02	RIT-2-02-20141112	--	--	Surface	N	11/12/2014	Dibenz(a,h)anthracene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112	--	--	Surface	N	11/12/2014	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	--	Surface	FD	11/12/2014	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-04	RIT-2-04-20141113	--	--	Surface	N	11/13/2014	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-05	RIT-2-05-20141113	--	--	Surface	N	11/13/2014	Dibenz(a,h)anthracene	<0.40	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-01	RIT-3-01-20141113	--	--	Surface	N	11/13/2014	Dibenz(a,h)anthracene	<0.11	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-02	RIT-3-02-20141113	--	--	Surface	N	11/13/2014	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113	--	--	Surface	N	11/13/2014	Dibenz(a,h)anthracene	<3.1	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	--	Surface	FD	11/13/2014	Dibenz(a,h)anthracene	<1.2	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-04	RIT-3-04-20141113	--	--	Surface	N	11/13/2014	Dibenz(a,h)anthracene	<0.10	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA02	SA2-0.5	0.5	2	Surface	N	11/3/2006	Dibenz(a,h)anthracene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	SA21	SA21-0.5	0.5	2	Surface	N	11/15/2006	Dibenz(a,h)anthracene	<340	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA07	SA7-0.5	0.5	2	Surface	N	11/20/2006	Dibenz(a,h)anthracene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-C10B-1	CS-C10B-1	0	0	Surface	N	7/28/2011	Fluoranthene	<37	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-DC-1	CS-DC-1	0	0	Surface	N	5/3/2011	Fluoranthene	<97	ug/kg	EPA 8270C	Analyzed by both EPA 8270C and 8270 SIM. The data from EPA 8270C was excluded.
DU-1	M-161D	M-161D-0.5-20141203	0.5	1	Surface	N	12/3/2014	Fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	M-162D	M-162D-0.5-20141209	0.5	1	Surface	N	12/9/2014	Fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5	1	Surface	N	3/8/2017	Fluoranthene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5	1	Surface	N	3/9/2017	Fluoranthene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5	1	Surface	N	3/10/2017	Fluoranthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5	1	Surface	N	3/6/2017	Fluoranthene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample ID	Start Depth (ft bgs)	End depth (ft bgs)	Depth Group	Sample Type	Sample Date	Chemical	Result	Unit	Analytical Method	Reason for Exclusion
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5	1	Surface	N	3/11/2017	Fluoranthene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-6	RIDB-6-0.5-20170225B	0.5	1	Surface	N	2/25/2017	Fluoranthene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5	1	Surface	N	3/12/2017	Fluoranthene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5	1	Surface	FD	3/12/2017	Fluoranthene	<0.075	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-09	RISB-09-0.5-20141211	0.5	1	Surface	N	12/11/2014	Fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-10	RISB-10-0.5-20141215	0.5	1	Surface	N	12/15/2014	Fluoranthene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-11	RISB-11-0.5-20141217	0.5	1	Surface	N	12/17/2014	Fluoranthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-12	RISB-12-0.5-20141215	0.5	1	Surface	N	12/15/2014	Fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-13	RISB-13-0.5-20141217	0.5	1	Surface	N	12/17/2014	Fluoranthene	<0.074	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-14	RISB-14-0.5-20141216	0.5	1	Surface	N	12/16/2014	Fluoranthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-39	RISB-39-0.5-20141121	0.5	1	Surface	N	11/21/2014	Fluoranthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-40	RISB-40-0.5-20141121	0.5	1	Surface	N	11/21/2014	Fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121	0.5	1	Surface	N	11/21/2014	Fluoranthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5	1	Surface	FD	11/21/2014	Fluoranthene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-47	RISB-47-0.5-20141120	0.5	1	Surface	N	11/20/2014	Fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-48	RISB-48-0.5-20141120	0.5	1	Surface	N	11/20/2014	Fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1	1.5	Other	N	9/26/2018	Fluoranthene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Fluoranthene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Fluoranthene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1	1.5	Other	FD	9/25/2018	Fluoranthene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1	1.5	Other	N	9/25/2018	Fluoranthene	<0.17	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1	1.5	Other	N	9/25/2018	Fluoranthene	<0.17	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Fluoranthene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Fluoranthene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-01	RIT-1-01-20141111	--	--	Surface	N	11/11/2014	Fluoranthene	<0.075	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-02	RIT-1-02-20141111	--	--	Surface	N	11/11/2014	Fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-03	RIT-1-03-20141112	--	--	Surface	N	11/12/2014	Fluoranthene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-04	RIT-1-04-20141112	--	--	Surface	N	11/12/2014	Fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-05	RIT-1-05-20141112	--	--	Surface	N	11/12/2014	Fluoranthene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-01	RIT-2-01-20141112	--	--	Surface	N	11/12/2014	Fluoranthene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-02	RIT-2-02-20141112	--	--	Surface	N	11/12/2014	Fluoranthene	<0.074	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112	--	--	Surface	N	11/12/2014	Fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	--	Surface	FD	11/12/2014	Fluoranthene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-04	RIT-2-04-20141113	--	--	Surface	N	11/13/2014	Fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-05	RIT-2-05-20141113	--	--	Surface	N	11/13/2014	Fluoranthene	<0.28	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-01	RIT-3-01-20141113	--	--	Surface	N	11/13/2014	Fluoranthene	<0.075	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-02	RIT-3-02-20141113	--	--	Surface	N	11/13/2014	Fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113	--	--	Surface	N	11/13/2014	Fluoranthene	<2.2	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	--	Surface	FD	11/13/2014	Fluoranthene	<0.86	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-04	RIT-3-04-20141113	--	--	Surface	N	11/13/2014	Fluoranthene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-05	RIT-3-05-20141113	--	--	Surface	N	11/13/2014	Fluoranthene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA02	SA2-0.5	0.5	2	Surface	N	11/3/2006	Fluoranthene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	SA21	SA21-0.5	0.5	2	Surface	N	11/15/2006	Fluoranthene	<340	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA07	SA7-0.5	0.5	2	Surface	N	11/20/2006	Fluoranthene	<350	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-C10B-1	CS-C10B-1	0	0	Surface	N	7/28/2011	Fluorene	<18	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-DC-1	CS-DC-1	0	0	Surface	N	5/3/2011	Fluorene	<94	ug/kg	EPA 8270C	Analyzed by both EPA 8270C and 8270 SIM. The data from EPA 8270C was excluded.
DU-1	M-161D	M-161D-0.5-20141203	0.5	1	Surface	N	12/3/2014	Fluorene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	M-162D	M-162D-0.5-20141209	0.5	1	Surface	N	12/9/2014	Fluorene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5	1	Surface	N	3/8/2017	Fluorene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5	1	Surface	N	3/9/2017	Fluorene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5	1	Surface	N	3/10/2017	Fluorene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5	1	Surface	N	3/6/2017	Fluorene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5	1	Surface	N	3/11/2017	Fluorene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-6	RIDB-6-0.5-20170225B	0.5	1	Surface	N	2/25/2017	Fluorene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5	1	Surface	N	3/12/2017	Fluorene	<0.076	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5	1	Surface	FD	3/12/2017	Fluorene	<0.075	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample ID	Start Depth (ft bgs)	End depth (ft bgs)	Depth Group	Sample Type	Sample Date	Chemical	Result	Unit	Analytical Method	Reason for Exclusion
DU-1	RISB-09	RISB-09-0.5-20141211	0.5	1	Surface	N	12/11/2014	Fluorene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-10	RISB-10-0.5-20141215	0.5	1	Surface	N	12/15/2014	Fluorene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-11	RISB-11-0.5-20141217	0.5	1	Surface	N	12/17/2014	Fluorene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-12	RISB-12-0.5-20141215	0.5	1	Surface	N	12/15/2014	Fluorene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-13	RISB-13-0.5-20141217	0.5	1	Surface	N	12/17/2014	Fluorene	<0.074	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-14	RISB-14-0.5-20141216	0.5	1	Surface	N	12/16/2014	Fluorene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-39	RISB-39-0.5-20141121	0.5	1	Surface	N	11/21/2014	Fluorene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-40	RISB-40-0.5-20141121	0.5	1	Surface	N	11/21/2014	Fluorene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121	0.5	1	Surface	N	11/21/2014	Fluorene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5	1	Surface	FD	11/21/2014	Fluorene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-47	RISB-47-0.5-20141120	0.5	1	Surface	N	11/20/2014	Fluorene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-48	RISB-48-0.5-20141120	0.5	1	Surface	N	11/20/2014	Fluorene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1	1.5	Other	N	9/26/2018	Fluorene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Fluorene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Fluorene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1	1.5	Other	FD	9/25/2018	Fluorene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1	1.5	Other	N	9/25/2018	Fluorene	<0.074	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1	1.5	Other	N	9/25/2018	Fluorene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Fluorene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Fluorene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-01	RIT-1-01-20141111	--	--	Surface	N	11/11/2014	Fluorene	<0.075	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-02	RIT-1-02-20141111	--	--	Surface	N	11/11/2014	Fluorene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-03	RIT-1-03-20141112	--	--	Surface	N	11/12/2014	Fluorene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-04	RIT-1-04-20141112	--	--	Surface	N	11/12/2014	Fluorene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-05	RIT-1-05-20141112	--	--	Surface	N	11/12/2014	Fluorene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-01	RIT-2-01-20141112	--	--	Surface	N	11/12/2014	Fluorene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-02	RIT-2-02-20141112	--	--	Surface	N	11/12/2014	Fluorene	<0.074	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112	--	--	Surface	N	11/12/2014	Fluorene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	--	Surface	FD	11/12/2014	Fluorene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-04	RIT-2-04-20141113	--	--	Surface	N	11/13/2014	Fluorene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-05	RIT-2-05-20141113	--	--	Surface	N	11/13/2014	Fluorene	<0.28	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-01	RIT-3-01-20141113	--	--	Surface	N	11/13/2014	Fluorene	<0.075	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-02	RIT-3-02-20141113	--	--	Surface	N	11/13/2014	Fluorene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113	--	--	Surface	N	11/13/2014	Fluorene	<2.2	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	--	Surface	FD	11/13/2014	Fluorene	<0.86	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-04	RIT-3-04-20141113	--	--	Surface	N	11/13/2014	Fluorene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-05	RIT-3-05-20141113	--	--	Surface	N	11/13/2014	Fluorene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA02	SA2-0.5	0.5	2	Surface	N	11/3/2006	Fluorene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	SA21	SA21-0.5	0.5	2	Surface	N	11/15/2006	Fluorene	<340	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA07	SA7-0.5	0.5	2	Surface	N	11/20/2006	Fluorene	<350	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-C10B-1	CS-C10B-1	0	0	Surface	N	7/28/2011	Hexachlorobenzene	170 J	ug/kg	EPA 8270	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAI4	RSAI4-0.5B	0.5	2	Surface	N	7/24/2009	Hexachlorobenzene	<0.85	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAI5	RSAI5-0.5B	0.5	2	Surface	N	7/24/2009	Hexachlorobenzene	3.5 J	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAI7	RSAI7-0.5B	0	0.5	Surface	N	7/11/2008	Hexachlorobenzene	3.0 J	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAJ5	RSAJ5-0.5B	0.5	2	Surface	N	6/2/2009	Hexachlorobenzene	4,400	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAK4	RSAK4-0.5B	0.5	1.5	Surface	N	6/11/2009	Hexachlorobenzene	250	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAK4	RSAK4009-0.5B	0.5	2	Surface	FD	6/11/2009	Hexachlorobenzene	240	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAK6	RSAK6-0.5B	0	1	Surface	N	6/5/2009	Hexachlorobenzene	5.5 J	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAL4	RSAL4-0.5B	0.5	2	Surface	N	7/7/2009	Hexachlorobenzene	87	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAL4	RSAL4009-0.5B	0.5	2	Surface	FD	7/7/2009	Hexachlorobenzene	86	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAL5	RSAL5-0.5B	0.5	2	Surface	N	7/15/2009	Hexachlorobenzene	13 J	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAL6	RSAL6-0.5B	0	1.5	Surface	N	7/29/2009	Hexachlorobenzene	6.7 J	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAL7	RSAL7-0.5B	0.5	1.5	Surface	N	6/5/2009	Hexachlorobenzene	<0.85	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAL8	RSAL8-0.5B	0.5	1.5	Surface	N	6/5/2009	Hexachlorobenzene	380	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAM2	RSAM2-0.5B	0.5	2	Surface	N	6/3/2009	Hexachlorobenzene	9.7	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAM4	RSAM4-0.5B	0.5	2	Surface	N	7/8/2009	Hexachlorobenzene	58	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample ID	Start Depth (ft bgs)	End depth (ft bgs)	Depth Group	Sample Type	Sample Date	Chemical	Result	Unit	Analytical Method	Reason for Exclusion
DU-1	RSAM6	RSAM6-0.5B	0.5	2	Surface	N	6/18/2009	Hexachlorobenzene	21	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAM7	RSAM7-0.5B	0	1.5	Surface	N	6/18/2009	Hexachlorobenzene	<0.84	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAM8	RSAM8-0.5B	0	1	Surface	N	6/12/2009	Hexachlorobenzene	40	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAN3	RSAN3-0.5B	0	1.5	Surface	N	7/8/2009	Hexachlorobenzene	1.8 J	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAN4	RSAN4-0.5B	0	1.5	Surface	N	7/8/2009	Hexachlorobenzene	3.3 J	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAN5	RSAN5-0.5B	0.5	2	Surface	N	6/23/2009	Hexachlorobenzene	<0.85	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAO2	RSAO2-0.5B	0.5	2	Surface	N	7/9/2008	Hexachlorobenzene	1.7 J	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAO3	RSAO3-0.5B	0	0	Surface	N	6/10/2009	Hexachlorobenzene	130	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAO5	RSAO5-0.5B	0.5	2	Surface	N	6/29/2009	Hexachlorobenzene	76	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAO6	RSAO6-0.5B	0	0.5	Surface	N	6/24/2009	Hexachlorobenzene	<0.86	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	RSAO7	RSAO7-9B	0	1.5	Surface	N	10/12/2009	Hexachlorobenzene	<0.88	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-2	RSAP7	RSAP7-0.5B	0.5	2	Surface	N	10/27/2009	Hexachlorobenzene	<0.89	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-2	RSAQ6	RSAQ6-0.5B	0	0	Surface	N	9/11/2009	Hexachlorobenzene	<0.89	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-2	RSAQ7	RSAQ7-0.5B	0.5	2	Surface	N	10/27/2009	Hexachlorobenzene	<0.89	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-2	RSAS3	RSAS3-0.5B	0.5	2	Surface	N	8/26/2009	Hexachlorobenzene	<0.86	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-2	RSAS3	RSAS3009-0.5B	0.5	2	Surface	FD	8/26/2009	Hexachlorobenzene	<0.86	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-2	RSAT6	RSAT6-0.5B	0.5	2	Surface	N	8/28/2009	Hexachlorobenzene	<0.85	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-2	RSAU4	RSAU4-0.5B	0.5	2	Surface	N	7/29/2009	Hexachlorobenzene	<0.91	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-2	RSAU5	RSAU5-0.5B	0.5	2	Surface	N	8/5/2009	Hexachlorobenzene	<0.87	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-2	SA103	SA103-0.5B	0.5	2.5	Surface	N	10/6/2009	Hexachlorobenzene	45	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-2	SA121	SA121-0.5B	0.5	2	Surface	N	9/25/2009	Hexachlorobenzene	6.2 J	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-2	SA121	SA121009-0.5B	0.5	2	Surface	FD	9/25/2009	Hexachlorobenzene	<0.90	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-3	SA128	SA128-10B	0	1.5	Surface	N	9/16/2009	Hexachlorobenzene	<0.89	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-2	SA138	SA138-0.5B	0.5	2.5	Surface	N	10/6/2009	Hexachlorobenzene	7.1	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	SA166	SA166-0.5B	0.5	1.5	Surface	N	6/11/2009	Hexachlorobenzene	16	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	SA176	SA176-0.5B	0	1	Surface	N	6/10/2009	Hexachlorobenzene	<0.86	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	SA180	SA180-0.5B	0	0.5	Surface	N	6/26/2008	Hexachlorobenzene	20 J	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	SA180	SA180-0.5BD	0	0.5	Surface	FD	6/26/2008	Hexachlorobenzene	19 J	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-2	SA02	SA2-0.5	0.5	2	Surface	N	11/3/2006	Hexachlorobenzene	<350	mg/kg	EPA 8270	Analyzed by both EPA Method 8270 and 8270 SIM. The data from EPA Method 8270 was excluded.
DU-1	SA21	SA21-0.5	0.5	2	Surface	N	11/15/2006	Hexachlorobenzene	<340	mg/kg	EPA 8270	Analyzed by both EPA Method 8270 and 8270 SIM. The data from EPA Method 8270 was excluded.
DU-1	SA35	SA35-0.5B	0	0	Surface	N	6/10/2009	Hexachlorobenzene	<0.87	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	SA67	SA67-0.5B	0.5	2	Surface	N	7/7/2008	Hexachlorobenzene	10	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-2	SA07	SA7-0.5	0.5	2	Surface	N	11/20/2006	Hexachlorobenzene	<350	ug/kg	EPA 8270	Analyzed by both EPA Method 8270 and 8270 SIM. The data from EPA Method 8270 was excluded.
DU-1	SA85	SA85-0.5B	0.5	2	Surface	N	6/16/2009	Hexachlorobenzene	94	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	SA92	SA92-0.5B	0	0	Surface	N	6/17/2009	Hexachlorobenzene	62	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	SSAI3-02	SSAI3-02-14BPC	0	0	Surface	N	8/7/2010	Hexachlorobenzene	<31	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0	1	Surface	N	8/10/2010	Hexachlorobenzene	<30	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0	0	Surface	N	8/10/2010	Hexachlorobenzene	<31	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	SSAM3-01	SSAM3-01-2BPC	0	0	Surface	N	4/13/2010	Hexachlorobenzene	830	ug/kg	EPA 8270C	Analyzed by both EPA Method 8270 and 8081. The data from EPA Method 8270 was excluded.
DU-1	CS-C10B-1	CS-C10B-1	0	0	Surface	N	7/28/2011	Indeno(1,2,3-cd)pyrene	<23	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-DC-1	CS-DC-1	0	0	Surface	N	5/3/2011	Indeno(1,2,3-cd)pyrene	<98	ug/kg	EPA 8270C	Analyzed by both EPA 8270C and 8270 SIM. The data from EPA 8270C was excluded.
DU-1	M-161D	M-161D-0.5-20141203	0.5	1	Surface	N	12/3/2014	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	M-162D	M-162D-0.5-20141209	0.5	1	Surface	N	12/9/2014	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5	1	Surface	N	3/8/2017	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5	1	Surface	N	3/9/2017	Indeno(1,2,3-cd)pyrene	<0.30	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5	1	Surface	N	3/10/2017	Indeno(1,2,3-cd)pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5	1	Surface	N	3/6/2017	Indeno(1,2,3-cd)pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5	1	Surface	N	3/11/2017	Indeno(1,2,3-cd)pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-6	RIDB-6-0.5-20170225B	0.5	1	Surface	N	2/25/2017	Indeno(1,2,3-cd)pyrene	<0.30	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5	1	Surface	N	3/12/2017	Indeno(1,2,3-cd)pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5	1	Surface	FD	3/12/2017	Indeno(1,2,3-cd)pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-09	RISB-09-0.5-20141211	0.5	1	Surface	N	12/11/2014	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-10	RISB-10-0.5-20141215	0.5	1	Surface	N	12/15/2014	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-11	RISB-11-0.5-20141217	0.5	1	Surface	N	12/17/2014	Indeno(1,2,3-cd)pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-12	RISB-12-0.5-20141215	0.5	1	Surface	N	12/15/2014	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-13	RISB-13-0.5-20141217	0.5	1	Surface	N	12/17/2014	Indeno(1,2,3-cd)pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample ID	Start Depth (ft bgs)	End depth (ft bgs)	Depth Group	Sample Type	Sample Date	Chemical	Result	Unit	Analytical Method	Reason for Exclusion
DU-1	RISB-14	RISB-14-0.5-20141216	0.5	1	Surface	N	12/16/2014	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-39	RISB-39-0.5-20141121	0.5	1	Surface	N	11/21/2014	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-40	RISB-40-0.5-20141121	0.5	1	Surface	N	11/21/2014	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121	0.5	1	Surface	N	11/21/2014	Indeno(1,2,3-cd)pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5	1	Surface	FD	11/21/2014	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-47	RISB-47-0.5-20141120	0.5	1	Surface	N	11/20/2014	Indeno(1,2,3-cd)pyrene	0.13 UJ	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-48	RISB-48-0.5-20141120	0.5	1	Surface	N	11/20/2014	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1	1.5	Other	N	9/26/2018	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1	1.5	Other	FD	9/25/2018	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1	1.5	Other	N	9/25/2018	Indeno(1,2,3-cd)pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1	1.5	Other	N	9/25/2018	Indeno(1,2,3-cd)pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-01	RIT-1-01-20141111	--	--	Surface	N	11/11/2014	Indeno(1,2,3-cd)pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-02	RIT-1-02-20141111	--	--	Surface	N	11/11/2014	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-03	RIT-1-03-20141112	--	--	Surface	N	11/12/2014	Indeno(1,2,3-cd)pyrene	<0.27	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-04	RIT-1-04-20141112	--	--	Surface	N	11/12/2014	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-05	RIT-1-05-20141112	--	--	Surface	N	11/12/2014	Indeno(1,2,3-cd)pyrene	<0.28	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-01	RIT-2-01-20141112	--	--	Surface	N	11/12/2014	Indeno(1,2,3-cd)pyrene	<0.28	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-02	RIT-2-02-20141112	--	--	Surface	N	11/12/2014	Indeno(1,2,3-cd)pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112	--	--	Surface	N	11/12/2014	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	--	Surface	FD	11/12/2014	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-04	RIT-2-04-20141113	--	--	Surface	N	11/13/2014	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-05	RIT-2-05-20141113	--	--	Surface	N	11/13/2014	Indeno(1,2,3-cd)pyrene	<0.52	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-01	RIT-3-01-20141113	--	--	Surface	N	11/13/2014	Indeno(1,2,3-cd)pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-02	RIT-3-02-20141113	--	--	Surface	N	11/13/2014	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113	--	--	Surface	N	11/13/2014	Indeno(1,2,3-cd)pyrene	<4.0	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	--	Surface	FD	11/13/2014	Indeno(1,2,3-cd)pyrene	<1.6	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-04	RIT-3-04-20141113	--	--	Surface	N	11/13/2014	Indeno(1,2,3-cd)pyrene	<0.13	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA02	SA2-0.5	0.5	2	Surface	N	11/3/2006	Indeno(1,2,3-cd)pyrene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	SA21	SA21-0.5	0.5	2	Surface	N	11/15/2006	Indeno(1,2,3-cd)pyrene	340 UJ	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA07	SA7-0.5	0.5	2	Surface	N	11/20/2006	Indeno(1,2,3-cd)pyrene	<350	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-C10B-1	CS-C10B-1	0	0	Surface	N	7/28/2011	Naphthalene	<32	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-C10B-1	CS-C10B-1	0	0	Surface	N	7/28/2011	Naphthalene	<0.61	ug/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	CS-DC-1	CS-DC-1	0	0	Surface	N	5/3/2011	Naphthalene	<84	ug/kg	EPA 8270C	Analyzed by both EPA 8270C and 8270 SIM. The data from EPA 8270C was excluded.
DU-1	M-161D	M-161D-0.5-20141203	0.5	1	Surface	N	12/3/2014	Naphthalene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	M-161D	M-161D-0.5-20141203	0.5	1	Surface	N	12/3/2014	Naphthalene	<0.00095	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	M-162D	M-162D-0.5-20141209	0.5	1	Surface	N	12/9/2014	Naphthalene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	M-162D	M-162D-0.5-20141209	0.5	1	Surface	N	12/9/2014	Naphthalene	<0.00099	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5	1	Surface	N	3/8/2017	Naphthalene	<0.00088	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5	1	Surface	N	3/8/2017	Naphthalene	<0.067	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5	1	Surface	N	3/9/2017	Naphthalene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5	1	Surface	N	3/9/2017	Naphthalene	<0.00094	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5	1	Surface	N	3/10/2017	Naphthalene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5	1	Surface	N	3/10/2017	Naphthalene	<0.0010	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5	1	Surface	N	3/6/2017	Naphthalene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5	1	Surface	N	3/6/2017	Naphthalene	<0.00093	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5	1	Surface	N	3/11/2017	Naphthalene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5	1	Surface	N	3/11/2017	Naphthalene	<0.0010	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIDB-6	RIDB-6-0.5-20170225B	0.5	1	Surface	N	2/25/2017	Naphthalene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5	1	Surface	N	3/12/2017	Naphthalene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5	1	Surface	N	3/12/2017	Naphthalene	<0.0010	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5	1	Surface	FD	3/12/2017	Naphthalene	<0.0010	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5	1	Surface	FD	3/12/2017	Naphthalene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample ID	Start Depth (ft bgs)	End depth (ft bgs)	Depth Group	Sample Type	Sample Date	Chemical	Result	Unit	Analytical Method	Reason for Exclusion
DU-1	RISB-09	RISB-09-0.5-20141211	0.5	1	Surface	N	12/11/2014	Naphthalene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-10	RISB-10-0.5-20141215	0.5	1	Surface	N	12/15/2014	Naphthalene	<0.067	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-11	RISB-11-0.5-20141217	0.5	1	Surface	N	12/17/2014	Naphthalene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-12	RISB-12-0.5-20141215	0.5	1	Surface	N	12/15/2014	Naphthalene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-13	RISB-13-0.5-20141217	0.5	1	Surface	N	12/17/2014	Naphthalene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-14	RISB-14-0.5-20141216	0.5	1	Surface	N	12/16/2014	Naphthalene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-39	RISB-39-0.5-20141121	0.5	1	Surface	N	11/21/2014	Naphthalene	0.0010 UJ	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RISB-39	RISB-39-0.5-20141121	0.5	1	Surface	N	11/21/2014	Naphthalene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-40	RISB-40-0.5-20141121	0.5	1	Surface	N	11/21/2014	Naphthalene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-40	RISB-40-0.5-20141121	0.5	1	Surface	N	11/21/2014	Naphthalene	0.0019 UJ	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121	0.5	1	Surface	N	11/21/2014	Naphthalene	0.0011 UJ	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121	0.5	1	Surface	N	11/21/2014	Naphthalene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5	1	Surface	FD	11/21/2014	Naphthalene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5	1	Surface	FD	11/21/2014	Naphthalene	0.00095 UJ	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RISB-47	RISB-47-0.5-20141120	0.5	1	Surface	N	11/20/2014	Naphthalene	<0.00094	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RISB-47	RISB-47-0.5-20141120	0.5	1	Surface	N	11/20/2014	Naphthalene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-48	RISB-48-0.5-20141120	0.5	1	Surface	N	11/20/2014	Naphthalene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-48	RISB-48-0.5-20141120	0.5	1	Surface	N	11/20/2014	Naphthalene	<0.00096	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1	1.5	Other	N	9/26/2018	Naphthalene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1	1.5	Other	N	9/26/2018	Naphthalene	<0.00094	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Naphthalene	<0.00078	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Naphthalene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Naphthalene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Naphthalene	<0.00098	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Naphthalene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1	1.5	Other	FD	9/25/2018	Naphthalene	<0.00098	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1	1.5	Other	FD	9/25/2018	Naphthalene	<0.0011	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1	1.5	Other	N	9/25/2018	Naphthalene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1	1.5	Other	N	9/25/2018	Naphthalene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1	1.5	Other	N	9/25/2018	Naphthalene	<0.0022	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1	1.5	Other	N	9/25/2018	Naphthalene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1	1.5	Other	N	9/25/2018	Naphthalene	<0.00098	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Naphthalene	<0.00083	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Naphthalene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Naphthalene	<0.00095	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Naphthalene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-01	RIT-1-01-20141111	--	--	Surface	N	11/11/2014	Naphthalene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-01	RIT-1-01-20141111	--	--	Surface	N	11/11/2014	Naphthalene	<0.0011	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIT-1-02	RIT-1-02-20141111	--	--	Surface	N	11/11/2014	Naphthalene	<0.00097	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIT-1-02	RIT-1-02-20141111	--	--	Surface	N	11/11/2014	Naphthalene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-03	RIT-1-03-20141112	--	--	Surface	N	11/12/2014	Naphthalene	<0.0010	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIT-1-03	RIT-1-03-20141112	--	--	Surface	N	11/12/2014	Naphthalene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-04	RIT-1-04-20141112	--	--	Surface	N	11/12/2014	Naphthalene	<0.0010	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIT-1-04	RIT-1-04-20141112	--	--	Surface	N	11/12/2014	Naphthalene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-05	RIT-1-05-20141112	--	--	Surface	N	11/12/2014	Naphthalene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-05	RIT-1-05-20141112	--	--	Surface	N	11/12/2014	Naphthalene	<0.0010	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIT-2-01	RIT-2-01-20141112	--	--	Surface	N	11/12/2014	Naphthalene	<0.0010	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIT-2-01	RIT-2-01-20141112	--	--	Surface	N	11/12/2014	Naphthalene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-02	RIT-2-02-20141112	--	--	Surface	N	11/12/2014	Naphthalene	<0.0010	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIT-2-02	RIT-2-02-20141112	--	--	Surface	N	11/12/2014	Naphthalene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112	--	--	Surface	N	11/12/2014	Naphthalene	<0.0016	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112	--	--	Surface	N	11/12/2014	Naphthalene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	--	Surface	FD	11/12/2014	Naphthalene	<0.0010	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	--	Surface	FD	11/12/2014	Naphthalene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-04	RIT-2-04-20141113	--	--	Surface	N	11/13/2014	Naphthalene	<0.0010	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIT-2-04	RIT-2-04-20141113	--	--	Surface	N	11/13/2014	Naphthalene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-05	RIT-2-05-20141113	--	--	Surface	N	11/13/2014	Naphthalene	0.0010 UJ	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIT-2-05	RIT-2-05-20141113	--	--	Surface	N	11/13/2014	Naphthalene	<0.27	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample ID	Start Depth (ft bgs)	End depth (ft bgs)	Depth Group	Sample Type	Sample Date	Chemical	Result	Unit	Analytical Method	Reason for Exclusion
DU-1	RIT-3-01	RIT-3-01-20141113	--	--	Surface	N	11/13/2014	Naphthalene	<0.0010	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIT-3-01	RIT-3-01-20141113	--	--	Surface	N	11/13/2014	Naphthalene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-02	RIT-3-02-20141113	--	--	Surface	N	11/13/2014	Naphthalene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-02	RIT-3-02-20141113	--	--	Surface	N	11/13/2014	Naphthalene	<0.00095	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113	--	--	Surface	N	11/13/2014	Naphthalene	<2.1	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113	--	--	Surface	N	11/13/2014	Naphthalene	0.0011 UJ	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	--	Surface	FD	11/13/2014	Naphthalene	<0.83	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	--	Surface	FD	11/13/2014	Naphthalene	<0.0010	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIT-3-04	RIT-3-04-20141113	--	--	Surface	N	11/13/2014	Naphthalene	<0.0010	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIT-3-04	RIT-3-04-20141113	--	--	Surface	N	11/13/2014	Naphthalene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-05	RIT-3-05-20141113	--	--	Surface	N	11/13/2014	Naphthalene	<0.00098	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	RIT-3-05	RIT-3-05-20141113	--	--	Surface	N	11/13/2014	Naphthalene	2.7	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RSAI4	RSAI4-0.5B	0.5	2	Surface	N	7/24/2009	Naphthalene	<0.67	ug/kg	EPA 8260B	Analyzed by both EPA 8260 and 8270. The data from EPA 8260 was excluded.
DU-1	RSAI5	RSAI5-0.5B	0.5	2	Surface	N	7/24/2009	Naphthalene	<0.74	ug/kg	EPA 8260B	Analyzed by both EPA 8260 and 8270. The data from EPA 8260 was excluded.
DU-1	RSAI7	RSAI7-0.5B	0	0.5	Surface	N	7/11/2008	Naphthalene	1.1 UJ	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAJ5	RSAJ5-0.5B	0.5	2	Surface	N	6/2/2009	Naphthalene	<1.1	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAK4	RSAK4-0.5B	0.5	1.5	Surface	N	6/11/2009	Naphthalene	<0.96	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAK4	RSAK4009-0.5B	0.5	2	Surface	FD	6/11/2009	Naphthalene	<0.85	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAK6	RSAK6-0.5B	0	1	Surface	N	6/5/2009	Naphthalene	<0.82	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAL4	RSAL4-0.5B	0.5	2	Surface	N	7/7/2009	Naphthalene	<0.61	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAL4	RSAL4009-0.5B	0.5	2	Surface	FD	7/7/2009	Naphthalene	<0.61	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAL5	RSAL5-0.5B	0.5	2	Surface	N	7/15/2009	Naphthalene	<0.59	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAL6	RSAL6-0.5B	0	1.5	Surface	N	7/29/2009	Naphthalene	<0.61	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAL7	RSAL7-0.5B	0.5	1.5	Surface	N	6/5/2009	Naphthalene	<0.88	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAL8	RSAL8-0.5B	0.5	1.5	Surface	N	6/5/2009	Naphthalene	<0.92	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAM2	RSAM2-0.5B	0.5	2	Surface	N	6/3/2009	Naphthalene	0.86 UJ	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAM4	RSAM4-0.5B	0.5	2	Surface	N	7/8/2009	Naphthalene	<0.67	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAM6	RSAM6-0.5B	0.5	2	Surface	N	6/18/2009	Naphthalene	<1.1	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAM7	RSAM7-0.5B	0	1.5	Surface	N	6/18/2009	Naphthalene	<1.1	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAM8	RSAM8-0.5B	0	1	Surface	N	6/12/2009	Naphthalene	<1.3	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAN3	RSAN3-0.5B	0	1.5	Surface	N	7/8/2009	Naphthalene	<0.93	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAN4	RSAN4-0.5B	0	1.5	Surface	N	7/8/2009	Naphthalene	<0.75	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAN5	RSAN5-0.5B	0.5	2	Surface	N	6/23/2009	Naphthalene	<0.98	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAO2	RSAO2-0.5B	0.5	2	Surface	N	7/9/2008	Naphthalene	<1.1	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAO3	RSAO3-0.5B	0	0	Surface	N	6/10/2009	Naphthalene	<0.92	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAO5	RSAO5-0.5B	0.5	2	Surface	N	6/29/2009	Naphthalene	<0.86	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAO6	RSAO6-0.5B	0	0.5	Surface	N	6/24/2009	Naphthalene	<0.87	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	RSAO7	RSAO7-9B	0	1.5	Surface	N	10/12/2009	Naphthalene	<0.88	ug/kg	EPA 8260B	Analyzed by both EPA 8260 and 8270. The data from EPA 8260 was excluded.
DU-2	RSAP7	RSAP7-0.5B	0.5	2	Surface	N	10/27/2009	Naphthalene	1.2 UJ	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-2	RSAQ6	RSAQ6-0.5B	0	0	Surface	N	9/11/2009	Naphthalene	<1.1	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-2	RSAQ7	RSAQ7-0.5B	0.5	2	Surface	N	10/27/2009	Naphthalene	1.1 UJ	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-2	RSAS3	RSAS3-0.5B	0.5	2	Surface	N	8/26/2009	Naphthalene	<0.91	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-2	RSAS3	RSAS3009-0.5B	0.5	2	Surface	FD	8/26/2009	Naphthalene	<0.94	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-2	RSAT6	RSAT6-0.5B	0.5	2	Surface	N	8/28/2009	Naphthalene	<0.68	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-2	RSAU4	RSAU4-0.5B	0.5	2	Surface	N	7/29/2009	Naphthalene	<0.92	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-2	RSAU5	RSAU5-0.5B	0.5	2	Surface	N	8/5/2009	Naphthalene	<0.90	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-2	SA103	SA103-0.5B	0.5	2.5	Surface	N	10/6/2009	Naphthalene	<1.3	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA11	SA11-0.5	0	0	Surface	N	11/9/2006	Naphthalene	5.4 UJ	ug/kg	EPA 8260	Analyzed by both EPA 8260 and 8270. The data from EPA 8260 was excluded.
DU-1	SA11	SA11-0.5D	0	0	Surface	FD	11/9/2006	Naphthalene	<5.7	ug/kg	EPA 8260	Analyzed by both EPA 8260 and 8270. The data from EPA 8260 was excluded.
DU-2	SA116	SA116-0.5B	0.5	2	Surface	N	9/2/2009	Naphthalene	<1.1	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA12	SA12-0.5	0	0	Surface	N	11/10/2006	Naphthalene	<5.6	ug/kg	EPA 8260	Analyzed by both EPA 8260 and 8270. The data from EPA 8260 was excluded.
DU-2	SA121	SA121-0.5B	0.5	2	Surface	N	9/25/2009	Naphthalene	0.81 UJ	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-2	SA121	SA121009-0.5B	0.5	2	Surface	FD	9/25/2009	Naphthalene	<1.1	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-3	SA128	SA128-10B	0	1.5	Surface	N	9/16/2009	Naphthalene	<0.98	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-2	SA138	SA138-0.5B	0.5	2.5	Surface	N	10/6/2009	Naphthalene	<1.0	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA141	SA141009-14B	0	1.5	Surface	FD	10/15/2009	Naphthalene	<1.1	ug/kg	EPA 8260B	Analyzed by both EPA 8260 and 8270. The data from EPA 8260 was excluded.

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample ID	Start Depth (ft bgs)	End depth (ft bgs)	Depth Group	Sample Type	Sample Date	Chemical	Result	Unit	Analytical Method	Reason for Exclusion
DU-1	SA141	SA141-14B	0	1.5	Surface	N	10/15/2009	Naphthalene	<0.95	ug/kg	EPA 8260B	Analyzed by both EPA 8260 and 8270. The data from EPA 8260 was excluded.
DU-2	SA146	SA146-0.5B	0.5	2	Surface	N	8/4/2009	Naphthalene	<0.86	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-2	SA147	SA147-0.5B	0.5	2	Surface	N	8/4/2009	Naphthalene	<0.84	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-3	SA15	SA15-10	0	0.5	Surface	N	11/8/2006	Naphthalene	<5.9	ug/kg	EPA 8260	Analyzed by both EPA 8260 and 8270. The data from EPA 8260 was excluded.
DU-1	SA151	SA151-0.5B	0.5	2	Surface	N	9/17/2009	Naphthalene	<0.96	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-3	SA15	SA15-10D	0	0.5	Surface	FD	11/8/2006	Naphthalene	<5.5	ug/kg	EPA 8260	Analyzed by both EPA 8260 and 8270. The data from EPA 8260 was excluded.
DU-1	SA152	SA152-0.5B	0	1.5	Surface	N	6/4/2009	Naphthalene	<0.89	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA152	SA152009-0.5B	0	1.5	Surface	FD	6/4/2009	Naphthalene	<0.85	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA157	SA157-0.5B	0.5	2	Surface	N	10/20/2009	Naphthalene	<1.9	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA157	SA157009-0.5B	0.5	2	Surface	FD	10/20/2009	Naphthalene	<0.96	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA158	SA158-0.5B	0	1.5	Surface	N	6/17/2009	Naphthalene	<0.80	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-3	SA16	SA16-0.5	0	0	Surface	N	11/9/2006	Naphthalene	5.3 UJ	ug/kg	EPA 8260	Analyzed by both EPA 8260 and 8270. The data from EPA 8260 was excluded.
DU-1	SA166	SA166-0.5B	0.5	1.5	Surface	N	6/11/2009	Naphthalene	<0.95	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA171	SA171-5B	0	1.5	Surface	N	10/19/2009	Naphthalene	<0.97	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA176	SA176-0.5B	0	1	Surface	N	6/10/2009	Naphthalene	<0.88	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA18	SA18-0.5	0	1.5	Surface	N	11/15/2006	Naphthalene	<5.5	ug/kg	EPA 8260	Analyzed by both EPA 8260 and 8270. The data from EPA 8260 was excluded.
DU-1	SA18	SA18-0.5D	0	1.5	Surface	FD	11/15/2006	Naphthalene	<5.3	ug/kg	EPA 8260	Analyzed by both EPA 8260 and 8270. The data from EPA 8260 was excluded.
DU-1	SA180	SA180-0.5B	0	0.5	Surface	N	6/26/2008	Naphthalene	<1.1	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA180	SA180-0.5BD	0	0.5	Surface	FD	6/26/2008	Naphthalene	<1.1	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA185	SA185-0.5B	0.5	2	Surface	N	6/29/2009	Naphthalene	<0.87	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA186	SA186-0.5B	0.5	2	Surface	N	6/29/2009	Naphthalene	<0.96	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA189	SA189-0.5B	0.5	2	Surface	N	6/4/2009	Naphthalene	0.83 UJ	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA19	SA19-0.5	0	1.5	Surface	N	11/16/2006	Naphthalene	<5.5	ug/kg	EPA 8260	Analyzed by both EPA 8260 and 8270. The data from EPA 8260 was excluded.
DU-3	SA197	SA197-0.5B	0	1.5	Surface	N	6/19/2009	Naphthalene	<1.1	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-2	SA02	SA2-0.5	0.5	2	Surface	N	11/3/2006	Naphthalene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA02	SA2-0.5	0.5	2	Surface	N	11/3/2006	Naphthalene	<5.3	mg/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	SA20	SA20-0.5	0	1.5	Surface	N	11/16/2006	Naphthalene	<5.6	ug/kg	EPA 8260	Analyzed by both EPA 8260 and 8270. The data from EPA 8260 was excluded.
DU-1	SA20	SA20-0.5D	0	1.5	Surface	FD	11/16/2006	Naphthalene	<6.2	ug/kg	EPA 8260	Analyzed by both EPA 8260 and 8270. The data from EPA 8260 was excluded.
DU-1	SA21	SA21-0.5	0.5	2	Surface	N	11/15/2006	Naphthalene	<5.2	ug/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	SA21	SA21-0.5	0.5	2	Surface	N	11/15/2006	Naphthalene	<340	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA212	SA212-0.5B	0.5	2	Surface	N	9/28/2009	Naphthalene	<1.1	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-2	SA28	SA28-0.5B	0.5	2	Surface	N	8/3/2009	Naphthalene	<0.90	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-2	SA31	SA31-0.5B	0.5	2	Surface	N	9/9/2009	Naphthalene	<0.95	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA35	SA35-0.5B	0	0	Surface	N	6/10/2009	Naphthalene	<0.98	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA50	SA50-0.5B	0	0	Surface	N	6/30/2009	Naphthalene	<0.94	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA55	SA55-0.5B	0.5	1.5	Surface	N	6/10/2009	Naphthalene	<0.84	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-3	SA64	SA64-0.5B	0	1.5	Surface	N	6/19/2009	Naphthalene	<0.86	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-3	SA65	SA65-10B	0	0	Surface	N	8/25/2009	Naphthalene	<1.7	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA67	SA67-0.5B	0.5	2	Surface	N	7/7/2008	Naphthalene	<1.1	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA69	SA69-0.5B	0.5	2	Surface	N	7/7/2009	Naphthalene	<0.72	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-2	SA07	SA7-0.5	0.5	2	Surface	N	11/20/2006	Naphthalene	<350	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA07	SA7-0.5	0.5	2	Surface	N	11/20/2006	Naphthalene	<5.3	ug/kg	EPA 8260	Analyzed by both EPA 8260 and 8270 SIM. The data from EPA 8260 was excluded.
DU-1	SA71	SA71-0.5B	0.5	2	Surface	N	6/16/2009	Naphthalene	<1.2	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA74	SA74-0.5B	0	1.5	Surface	N	7/15/2009	Naphthalene	<0.73	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA74	SA74009-0.5B	0	1.5	Surface	FD	7/15/2009	Naphthalene	<0.66	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA75	SA75-0.5B	0	1.5	Surface	N	7/17/2009	Naphthalene	<0.89	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA85	SA85-0.5B	0.5	2	Surface	N	6/16/2009	Naphthalene	<0.97	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SA92	SA92-0.5B	0	0	Surface	N	6/17/2009	Naphthalene	<0.84	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SSAN7-06	SSAN7-06-0BPC	0	0.5	Surface	N	9/7/2010	Naphthalene	<0.36	ug/kg	EPA 8260B	Analyzed by both EPA 8260 and 8270. The data from EPA 8260 was excluded.
DU-1	SSAN7-07	SSAN7-07-0BPC	0	0.5	Surface	N	9/7/2010	Naphthalene	<0.47	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SSAO7-04	SSAO7-04-0BPC	0	0.5	Surface	N	9/8/2010	Naphthalene	<0.34	ug/kg	EPA 8260B	Analyzed by both EPA 8260 and 8270. The data from EPA 8260 was excluded.
DU-1	SSAO7-06	SSAO7-06-0BPC	0	1	Surface	N	9/27/2010	Naphthalene	0.48 J	ug/kg	EPA 8260B	Analyzed by both EPA 8260B and 8270. The data from EPA 8260B was excluded.
DU-1	SSAO8-05	SSAO8-05-0BPC	0	1	Surface	N	9/27/2010	Naphthalene	<0.36	ug/kg	EPA 8260B	Analyzed by both EPA 8260 and 8270. The data from EPA 8260 was excluded.
DU-1	SSAO8-08	SSAO8-08-0BPC	0	1	Surface	N	9/27/2010	Naphthalene	0.51 J	ug/kg	EPA 8260B	Analyzed by both EPA 8260 and 8270. The data from EPA 8260 was excluded.
DU-1	CS-C10B-1	CS-C10B-1	0	0	Surface	N	7/28/2011	Phenanthrene	<17	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-DC-1	CS-DC-1	0	0	Surface	N	5/3/2011	Phenanthrene	<96	ug/kg	EPA 8270C	Analyzed by both EPA 8270C and 8270 SIM. The data from EPA 8270C was excluded.

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample ID	Start Depth (ft bgs)	End depth (ft bgs)	Depth Group	Sample Type	Sample Date	Chemical	Result	Unit	Analytical Method	Reason for Exclusion
DU-1	M-161D	M-161D-0.5-20141203	0.5	1	Surface	N	12/3/2014	Phenanthrene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	M-162D	M-162D-0.5-20141209	0.5	1	Surface	N	12/9/2014	Phenanthrene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5	1	Surface	N	3/8/2017	Phenanthrene	<0.067	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5	1	Surface	N	3/9/2017	Phenanthrene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5	1	Surface	N	3/10/2017	Phenanthrene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5	1	Surface	N	3/6/2017	Phenanthrene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5	1	Surface	N	3/11/2017	Phenanthrene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-6	RIDB-6-0.5-20170225B	0.5	1	Surface	N	2/25/2017	Phenanthrene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5	1	Surface	N	3/12/2017	Phenanthrene	<0.073	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5	1	Surface	FD	3/12/2017	Phenanthrene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-09	RISB-09-0.5-20141211	0.5	1	Surface	N	12/11/2014	Phenanthrene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-10	RISB-10-0.5-20141215	0.5	1	Surface	N	12/15/2014	Phenanthrene	<0.067	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-11	RISB-11-0.5-20141217	0.5	1	Surface	N	12/17/2014	Phenanthrene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-12	RISB-12-0.5-20141215	0.5	1	Surface	N	12/15/2014	Phenanthrene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-13	RISB-13-0.5-20141217	0.5	1	Surface	N	12/17/2014	Phenanthrene	<0.071	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-14	RISB-14-0.5-20141216	0.5	1	Surface	N	12/16/2014	Phenanthrene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-39	RISB-39-0.5-20141121	0.5	1	Surface	N	11/21/2014	Phenanthrene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-40	RISB-40-0.5-20141121	0.5	1	Surface	N	11/21/2014	Phenanthrene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121	0.5	1	Surface	N	11/21/2014	Phenanthrene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5	1	Surface	FD	11/21/2014	Phenanthrene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-47	RISB-47-0.5-20141120	0.5	1	Surface	N	11/20/2014	Phenanthrene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-48	RISB-48-0.5-20141120	0.5	1	Surface	N	11/20/2014	Phenanthrene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1	1.5	Other	N	9/26/2018	Phenanthrene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Phenanthrene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Phenanthrene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1	1.5	Other	FD	9/25/2018	Phenanthrene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1	1.5	Other	N	9/25/2018	Phenanthrene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1	1.5	Other	N	9/25/2018	Phenanthrene	<0.16	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Phenanthrene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Phenanthrene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-01	RIT-1-01-20141111	--	--	Surface	N	11/11/2014	Phenanthrene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-02	RIT-1-02-20141111	--	--	Surface	N	11/11/2014	Phenanthrene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-03	RIT-1-03-20141112	--	--	Surface	N	11/12/2014	Phenanthrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-04	RIT-1-04-20141112	--	--	Surface	N	11/12/2014	Phenanthrene	<0.069	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-05	RIT-1-05-20141112	--	--	Surface	N	11/12/2014	Phenanthrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-01	RIT-2-01-20141112	--	--	Surface	N	11/12/2014	Phenanthrene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-02	RIT-2-02-20141112	--	--	Surface	N	11/12/2014	Phenanthrene	<0.070	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112	--	--	Surface	N	11/12/2014	Phenanthrene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	--	Surface	FD	11/12/2014	Phenanthrene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-04	RIT-2-04-20141113	--	--	Surface	N	11/13/2014	Phenanthrene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-05	RIT-2-05-20141113	--	--	Surface	N	11/13/2014	Phenanthrene	<0.27	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-01	RIT-3-01-20141113	--	--	Surface	N	11/13/2014	Phenanthrene	<0.072	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-02	RIT-3-02-20141113	--	--	Surface	N	11/13/2014	Phenanthrene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113	--	--	Surface	N	11/13/2014	Phenanthrene	<2.1	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	--	Surface	FD	11/13/2014	Phenanthrene	<0.83	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-04	RIT-3-04-20141113	--	--	Surface	N	11/13/2014	Phenanthrene	<0.068	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-05	RIT-3-05-20141113	--	--	Surface	N	11/13/2014	Phenanthrene	0.21 J	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA02	SA2-0.5	0.5	2	Surface	N	11/3/2006	Phenanthrene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	SA21	SA21-0.5	0.5	2	Surface	N	11/15/2006	Phenanthrene	<340	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA07	SA7-0.5	0.5	2	Surface	N	11/20/2006	Phenanthrene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-C10B-1	CS-C10B-1	0	0	Surface	N	7/28/2011	Pyrene	56 J	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	CS-DC-1	CS-DC-1	0	0	Surface	N	5/3/2011	Pyrene	<96	ug/kg	EPA 8270C	Analyzed by both EPA 8270C and 8270 SIM. The data from EPA 8270C was excluded.
DU-1	M-161D	M-161D-0.5-20141203	0.5	1	Surface	N	12/3/2014	Pyrene	<0.081	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	M-162D	M-162D-0.5-20141209	0.5	1	Surface	N	12/9/2014	Pyrene	<0.083	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5	1	Surface	N	3/8/2017	Pyrene	<0.080	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5	1	Surface	N	3/9/2017	Pyrene	<0.19	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample ID	Start Depth (ft bgs)	End depth (ft bgs)	Depth Group	Sample Type	Sample Date	Chemical	Result	Unit	Analytical Method	Reason for Exclusion
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5	1	Surface	N	3/10/2017	Pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5	1	Surface	N	3/6/2017	Pyrene	<0.086	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5	1	Surface	N	3/11/2017	Pyrene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-6	RIDB-6-0.5-20170225B	0.5	1	Surface	N	2/25/2017	Pyrene	<0.19	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5	1	Surface	N	3/12/2017	Pyrene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5	1	Surface	FD	3/12/2017	Pyrene	<0.15	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-09	RISB-09-0.5-20141211	0.5	1	Surface	N	12/11/2014	Pyrene	<0.081	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-10	RISB-10-0.5-20141215	0.5	1	Surface	N	12/15/2014	Pyrene	<0.080	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-11	RISB-11-0.5-20141217	0.5	1	Surface	N	12/17/2014	Pyrene	<0.084	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-12	RISB-12-0.5-20141215	0.5	1	Surface	N	12/15/2014	Pyrene	<0.082	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-13	RISB-13-0.5-20141217	0.5	1	Surface	N	12/17/2014	Pyrene	<0.085	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-14	RISB-14-0.5-20141216	0.5	1	Surface	N	12/16/2014	Pyrene	<0.083	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-39	RISB-39-0.5-20141121	0.5	1	Surface	N	11/21/2014	Pyrene	<0.083	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-40	RISB-40-0.5-20141121	0.5	1	Surface	N	11/21/2014	Pyrene	<0.082	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121	0.5	1	Surface	N	11/21/2014	Pyrene	<0.083	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5	1	Surface	FD	11/21/2014	Pyrene	<0.083	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-47	RISB-47-0.5-20141120	0.5	1	Surface	N	11/20/2014	Pyrene	<0.081	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RISB-48	RISB-48-0.5-20141120	0.5	1	Surface	N	11/20/2014	Pyrene	<0.082	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1	1.5	Other	N	9/26/2018	Pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1	1.5	Other	FD	9/25/2018	Pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1	1.5	Other	N	9/25/2018	Pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1	1.5	Other	N	9/25/2018	Pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Pyrene	<0.14	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-01	RIT-1-01-20141111	--	--	Surface	N	11/11/2014	Pyrene	<0.086	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-02	RIT-1-02-20141111	--	--	Surface	N	11/11/2014	Pyrene	<0.083	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-03	RIT-1-03-20141112	--	--	Surface	N	11/12/2014	Pyrene	<0.17	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-04	RIT-1-04-20141112	--	--	Surface	N	11/12/2014	Pyrene	<0.082	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-1-05	RIT-1-05-20141112	--	--	Surface	N	11/12/2014	Pyrene	<0.17	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-01	RIT-2-01-20141112	--	--	Surface	N	11/12/2014	Pyrene	<0.18	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-02	RIT-2-02-20141112	--	--	Surface	N	11/12/2014	Pyrene	<0.084	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112	--	--	Surface	N	11/12/2014	Pyrene	<0.081	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	--	Surface	FD	11/12/2014	Pyrene	0.18 J	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-04	RIT-2-04-20141113	--	--	Surface	N	11/13/2014	Pyrene	<0.082	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-2-05	RIT-2-05-20141113	--	--	Surface	N	11/13/2014	Pyrene	<0.32	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-01	RIT-3-01-20141113	--	--	Surface	N	11/13/2014	Pyrene	<0.086	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-02	RIT-3-02-20141113	--	--	Surface	N	11/13/2014	Pyrene	<0.081	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113	--	--	Surface	N	11/13/2014	Pyrene	<2.5	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	--	Surface	FD	11/13/2014	Pyrene	<0.99	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-04	RIT-3-04-20141113	--	--	Surface	N	11/13/2014	Pyrene	<0.081	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	RIT-3-05	RIT-3-05-20141113	--	--	Surface	N	11/13/2014	Pyrene	<0.079	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA02	SA2-0.5	0.5	2	Surface	N	11/3/2006	Pyrene	<350	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	SA21	SA21-0.5	0.5	2	Surface	N	11/15/2006	Pyrene	<340	mg/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-2	SA07	SA7-0.5	0.5	2	Surface	N	11/20/2006	Pyrene	<350	ug/kg	EPA 8270	Analyzed by both EPA 8270 and 8270 SIM. The data from EPA 8270 was excluded.
DU-1	M-116	M116-0.5_03/12/2006	0.5	1.5	Surface	N	3/12/2006	Uranium (Total)	3.64	mg/kg	ASTM D5174	Analyzed by both EPA SW6020 and ASTM D5174. The data from ASTM D5174 was excluded.
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1	1.5	Other	N	9/26/2018	Ammonia	2.7 J	mg/kg	SM 4500 NH3-D	Data reported as Ammonia (as N) and Ammonia (as NH3). Excluded Ammonia (as N) values.
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Ammonia	2.9 J	mg/kg	SM 4500 NH3-D	Data reported as Ammonia (as N) and Ammonia (as NH3). Excluded Ammonia (as N) values.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Ammonia	3.6 J	mg/kg	SM 4500 NH3-D	Data reported as Ammonia (as N) and Ammonia (as NH3). Excluded Ammonia (as N) values.
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1	1.5	Other	FD	9/25/2018	Ammonia	3.4 J	mg/kg	SM 4500 NH3-D	Data reported as Ammonia (as N) and Ammonia (as NH3). Excluded Ammonia (as N) values.
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1	1.5	Other	N	9/25/2018	Ammonia	4.0 J	mg/kg	SM 4500 NH3-D	Data reported as Ammonia (as N) and Ammonia (as NH3). Excluded Ammonia (as N) values.
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1	1.5	Other	N	9/25/2018	Ammonia	3.2 J	mg/kg	SM 4500 NH3-D	Data reported as Ammonia (as N) and Ammonia (as NH3). Excluded Ammonia (as N) values.
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1	1.5	Other	N	9/24/2018	Ammonia	2.9 J	mg/kg	SM 4500 NH3-D	Data reported as Ammonia (as N) and Ammonia (as NH3). Excluded Ammonia (as N) values.
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1	1.5	Other	N	9/25/2018	Ammonia	3.1 J	mg/kg	SM 4500 NH3-D	Data reported as Ammonia (as N) and Ammonia (as NH3). Excluded Ammonia (as N) values.

Table C-3: Summary of Soil Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

-- = data not provided.
CASRN = Chemical Abstract Service Registration Number
DU = Ecological Decision Unit
EPA = Environmental Protection Agency
FD = Field duplicate
ft bgs = feet below ground surface
g = gram
J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
kg = kilogram
mg = milligram
N = Normal
OU-1 = Operable Unit 1
UJ = The nondetected analyte was qualified as estimated at the sample quantitation limit. The reported sample quantitation limit is approximate and may be inaccurate or imprecise.

APPENDIX C-4
SUMMARY OF REJECTED SOIL DATA

Table C-4 Summary of Rejected Soil Data

TABLE C-4. Summary of Rejected Soil Data
Nevada Environmental Response Trust Site
Henderson, Nevada

Sample ID	Spatial Unit	Analytical Method	Analyte	Result (mg/kg)	Validation Qualifier	Reason Code	Task Code
RIT-2-05-20141113	DU-1	SW8270	4-Nitrophenol	< 0.56	R	s	RI Phase1
RIT-2-05-20141113	DU-1	SW8270	2,4-Dimethylphenol	< 0.52	R	s	RI Phase1
RIT-2-05-20141113	DU-1	SW8270	Phenol	< 0.36	R	s	RI Phase1
RIT-2-05-20141113	DU-1	SW8270	2,4-Dichlorophenol	< 0.27	R	s	RI Phase1
RIT-2-05-20141113	DU-1	SW8270	3&4-Methylphenol	< 0.53	R	s	RI Phase1
RIT-2-04-20141113	DU-1	E300	Orthophosphate (total) (As PO4)	< 4.2	R	m	RI Phase1
RIT-2-05-20141113	DU-1	E300	Orthophosphate (total) (As PO4)	< 4.1	R	m	RI Phase1
RIT-1-01-20141111	DU-1	E300	Orthophosphate (total) (As PO4)	< 4.3	R	m	RI Phase1
RIT-1-02-20141111	DU-1	E300	Orthophosphate (total) (As PO4)	< 4.2	R	m	RI Phase1
RIT-1-03-20141112	DU-1	E300	Orthophosphate (total) (As PO4)	< 4.2	R	m	RI Phase1
RIT-3-02-20141113	DU-1	E300	Orthophosphate (total) (As PO4)	< 4.2	R	m	RI Phase1
RIT-3-03-20141113	DU-1	E300	Orthophosphate (total) (As PO4)	< 4.2	R	m	RI Phase1
RIT-3-03-20141113-FD	DU-1	E300	Orthophosphate (total) (As PO4)	< 4.2	R	m	RI Phase1
RISB-4-0.5-20181218	DU-1	E300	Orthophosphate (total) (As PO4)	< 4.2	R	m	RI Phase2
RISB-5-0.5-20181218	DU-1	E300	Orthophosphate (total) (As PO4)	< 4.1	R	m	RI Phase2
RISB-5-0.5-20181218-FD	DU-1	E300	Orthophosphate (total) (As PO4)	< 4.2	R	m	RI Phase2
SA7-0.5	DU-2	SW 846 9056	Nitrite	< 0.042	R	r-m	Phase A (Nov/Dec 2006)
RIT-3-05-20141113	DU-1	SW8270	Benzo(g,h,i)perylene	< 0.11	R	i	RI Phase1
RIT-3-05-20141113	DU-1	SW8270	Indeno(1,2,3-cd)pyrene	< 0.13	R	i	RI Phase1
RIT-3-05-20141113	DU-1	SW8270	Benzo(b)fluoranthene	< 0.069	R	i	RI Phase1
RIT-3-05-20141113	DU-1	SW8270	Benzo(k)fluoranthene	< 0.069	R	i	RI Phase1
RIT-3-05-20141113	DU-1	SW8270	Benzo(a)pyrene	< 0.066	R	i	RI Phase1
RIT-2-05-20141113	DU-1	SW8270	2,4-Dinitrophenol	< 1.3	R	s	RI Phase1
RIT-3-05-20141113	DU-1	SW8270	Dibenz(a,h)anthracene	< 0.099	R	i	RI Phase1
SA18-0.5	DU-1	EPA 9012A	Cyanide (total)	< 0.55	R	r-h	Phase A (Nov/Dec 2006)
SA18-0.5D	DU-1	EPA 9012A	Cyanide (total)	< 0.53	R	r-h	Phase A (Nov/Dec 2006)
SA21-0.5	DU-1	EPA 9012A	Cyanide (total)	< 0.52	R	r-h	Phase A (Nov/Dec 2006)
SA19-0.5	DU-1	EPA 9012A	Cyanide (total)	< 0.55	R	r-h	Phase A (Nov/Dec 2006)
SA20-0.5	DU-1	EPA 9012A	Cyanide (total)	< 0.56	R	r-h	Phase A (Nov/Dec 2006)
SA20-0.5D	DU-1	EPA 9012A	Cyanide (total)	< 0.62	R	r-h	Phase A (Nov/Dec 2006)
SA7-0.5	DU-2	EPA 9012A	Cyanide (total)	< 0.53	R	r-h	Phase A (Nov/Dec 2006)
RIT-2-05-20141113	DU-1	SW8270	4-Chloro-3-methylphenol	< 0.28	R	s	RI Phase1
RIT-2-05-20141113	DU-1	SW8270	Benzoic Acid	< 1.4	R	s	RI Phase1
M116-0.5_03/12/2006	DU-1	SW8015	Methanol	< 1.1	R	r-p	2006 Upgradient investigation
RISB-41-0.5-20141121-FD	DU-1	SW6020	Niobium	< 1.7	R	m	RI Phase1
RISB-13-0.5-20141217	DU-1	SW6020	Niobium	< 1.9	R	m	RI Phase1
RISB-39-0.5-20141121	DU-1	SW6020	Niobium	< 1.7	R	m	RI Phase1
RISB-11-0.5-20141217	DU-1	SW6020	Niobium	< 1.9	R	m	RI Phase1
RISB-41-0.5-20141121	DU-1	SW6020	Niobium	< 1.9	R	m	RI Phase1
RISB-47-0.5-20141120	DU-1	SW6020	Niobium	< 1.9	R	m	RI Phase1
RISB-48-0.5-20141120	DU-1	SW6020	Niobium	< 1.7	R	m	RI Phase1
RIT-3-03-20141113-FD	DU-1	SW6010	Silicon	< 260	R	m	RI Phase1
RIT-3-03-20141113	DU-1	SW6010	Silicon	< 260	R	m	RI Phase1
M116-0.5_03/12/2006	DU-1	SW8260B	tert Butyl alcohol	< 0.049	R	r-c	2006 Upgradient investigation
SA15-10	DU-3	EPA 350.1	Ammonia (as N)	< 0.64	R	r-m	Phase A (Nov/Dec 2006)
RISB-41-0.5-20141121-FD	DU-1	SW6020	Sulfur	< 360	R	m	RI Phase1
RISB-41-0.5-20141121	DU-1	SW6020	Sulfur	< 400	R	m	RI Phase1
RISB-39-0.5-20141121	DU-1	SW6020	Sulfur	< 360	R	m	RI Phase1
RISB-40-0.5-20141121	DU-1	SW6020	Sulfur	< 400	R	m	RI Phase1
RIT-2-05-20141113	DU-1	SW8270	Pentachlorophenol	< 1.4	R	s	RI Phase1
RIT-2-05-20141113	DU-1	SW8270	2,4,6-Trichlorophenol	< 0.3	R	s	RI Phase1
RIT-2-05-20141113	DU-1	SW8270	2-Nitrophenol	< 0.53	R	s	RI Phase1
RIT-3-01-20141113	DU-1	SW8270	Benzidine	< 0.71	R	m	RI Phase1
RISB-47-0.5-20141120	DU-1	SW8270	Benzidine	< 0.67	R	m	RI Phase1
RISB-11-0.5-20141217	DU-1	SW8270	Benzidine	< 0.69	R	m	RI Phase1
RISB-10-0.5-20141215	DU-1	SW8270	Benzidine	< 0.66	R	m	RI Phase1
RIDB-1-0.5-20170308	DU-1	SW8270	Benzidine	< 0.66	R	m	RI Phase2
RIDB-2-0.5-20170309	DU-1	SW8270	Benzidine	< 1.5	R	m	RI Phase2
RIT-2-05-20141113	DU-1	SW8270	2-Methylphenol	< 0.32	R	s	RI Phase1
RIT-2-05-20141113	DU-1	SW8270	2-Chlorophenol	< 0.28	R	s	RI Phase1
RIT-2-05-20141113	DU-1	SW8270	2,4,5-Trichlorophenol	< 0.52	R	s	RI Phase1
RISB-EJ-02-1.0-20180924	Parcel E	SW8270	Aniline	< 0.14	R	l	RI Phase2
RISB-ER-02-1.0-20180924	Parcel E	SW8270	Aniline	< 0.14	R	l	RI Phase2
RISB-ER-01-1.0-20180925	Parcel E	SW8270	Aniline	< 0.15	R	l	RI Phase2
RISB-ER-03-1.0-20180925	Parcel E	SW8270	Aniline	< 0.14	R	l	RI Phase2
RISB-EJ-03-1.0-20180925	Parcel E	SW8270	Aniline	< 0.14	R	l	RI Phase2
RISB-EJ-03-1.0-20180925-FD	Parcel E	SW8270	Aniline	< 0.14	R	l	RI Phase2
RISB-EJ-03-1.0-20180925-FD	Parcel E	SW9056	Orthophosphate (total) (As P)	< 1.3	R	m	RI Phase2
RISB-EJ-03-1.0-20180925	Parcel E	SW9056	Orthophosphate (total) (As P)	< 1.3	R	m	RI Phase2
RISB-EJ-04-1.0-20180925	Parcel E	SW9056	Orthophosphate (total) (As P)	< 1.4	R	m	RI Phase2

TABLE C-4. Summary of Rejected Soil Data
Nevada Environmental Response Trust Site
Henderson, Nevada

Sample ID	Spatial Unit	Analytical Method	Analyte	Result (mg/kg)	Validation Qualifier	Reason Code	Task Code
RISB-ER-01-1.0-20180925	Parcel E	SW9056	Orthophosphate (total) (As P)	< 1.3	R	m	RI Phase2
RISB-ER-03-1.0-20180925	Parcel E	SW9056	Orthophosphate (total) (As P)	< 1.3	R	m	RI Phase2
RISB-ER-02-1.0-20180924	Parcel E	SW8270	Benzidine	< 0.18	R	l	RI Phase2
RISB-EJ-02-1.0-20180924	Parcel E	SW8270	Benzidine	< 0.17	R	l	RI Phase2
RISB-EJ-04-1.0-20180925	Parcel E	SW8270	Benzidine	< 0.18	R	m	RI Phase2
RISB-EJ-03-1.0-20180925-FD	Parcel E	SW8270	Benzidine	< 0.17	R	l	RI Phase2
RISB-EJ-03-1.0-20180925	Parcel E	SW8270	Benzidine	< 0.18	R	l	RI Phase2
RISB-ER-03-1.0-20180925	Parcel E	SW8270	Benzidine	< 0.18	R	l	RI Phase2
RISB-ER-01-1.0-20180925	Parcel E	SW8270	Benzidine	< 0.18	R	l	RI Phase2

DU = Ecological Decision Unit
mg/kg = milligram per kilogram
l = Qualified due to laboratory control spike recoveries
m = Qualified due to matrix spike recoveries
r-m = Rejected due to matrix spike recoveries
i = Qualified due to internal standard areas
r-c = rejected due to calibration
r-h = Rejected due to holding time exceedance
r-p = rejected as a false positive due to contamination during shipping
R = Rejected value
s = Qualified due to surrogate recoveries

APPENDIX C-5
REVISIONS OF CENSORED DATA FOR BLANK CONTAMINATION

Table C-5 Revisions of Censored Data for Blank Contamination

TABLE C-5. Revisions of Censored Data for Blank Contamination
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample ID	Analyte	Units	Original Result	Corrected Result	Original Detection Flag	Corrected Detection Flag	Original Qualifier	Corrected Qualifier
DU-3	BDT-2-N-5-6BPC	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	0.37	--	N	Y		J
DU-3	BDT-2-N-5-6BPC	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	0.54	--	N	Y	UJK	JK
DU-1	RSAI4-0.5B	Acetone	ug/kg	5.1	--	N	Y		J
DU-1	RSAI4-0.5B	Boron	mg/kg	10.2	6	N	Y		J
DU-1	RSAI4-0.5B	Di-n-butylphthalate	ug/kg	57	--	N	Y		J
DU-1	RSAI4-0.5B	Methylene Chloride	ug/kg	0.6	--	N	Y		J
DU-1	RSAI4-0.5B	Octachlorodibenzo-p-dioxin	ng/kg	3.2	--	N	Y		J
DU-1	RSAI4-0.5B	Tin	mg/kg	10.2	4.4	N	Y		J
DU-1	RSAI5-0.5B	Acetone	ug/kg	5.3	--	N	Y		J
DU-1	RSAI5-0.5B	Boron	mg/kg	10.6	7.8	N	Y		J
DU-1	RSAI5-0.5B	Di-n-butylphthalate	ug/kg	36	--	N	Y		J
DU-1	RSAI5-0.5B	Methylene Chloride	ug/kg	0.69	--	N	Y		J
DU-1	RSAI5-0.5B	Tin	mg/kg	10.6	1.9	N	Y		J
DU-1	RSAI7-0.5B	Mercury	mg/kg	0.19	0.013	N	Y		J
DU-1	RSAI7-0.5B	Tin	mg/kg	11.9	3	N	Y		J
DU-1	RSAI7-0.5B	Tungsten	mg/kg	0.24	0.18	N	Y	UJ	J
DU-1	RSAJ5-0.5B	Tin	mg/kg	11	4.1	N	Y		J
DU-1	RSAK4-0.5B	Acetone	ug/kg	3.9	--	N	Y		J
DU-1	RSAK4-0.5B	Boron	mg/kg	10.2	5.5	N	Y		J
DU-1	RSAK4-0.5B	Naphthalene	ug/kg	1	--	N	Y		J
DU-1	RSAK4-0.5B	Tin	mg/kg	10.2	4.2	N	Y		J
DU-1	RSAK4009-0.5B	Acetone	ug/kg	5	--	N	Y		J
DU-1	RSAK4009-0.5B	Boron	mg/kg	10.1	5.3	N	Y		J
DU-1	RSAK4009-0.5B	Tin	mg/kg	10.1	4	N	Y		J
DU-1	RSAK6-0.5B	Acetone	ug/kg	3.8	--	N	Y		J
DU-1	RSAK6-0.5B	Boron	mg/kg	10.4	8.3	N	Y		J
DU-1	RSAK6-0.5B	Di-n-butylphthalate	ug/kg	76	--	N	Y		J
DU-1	RSAK6-0.5B	Octachlorodibenzo-p-dioxin	ng/kg	5.07	--	N	Y		J
DU-1	RSAK6-0.5B	Tin	mg/kg	10.4	4.1	N	Y		J
DU-1	RSAL4-0.5B	Acetone	ug/kg	6.8	--	N	Y		J
DU-1	RSAL4-0.5B	Boron	mg/kg	10.3	5.1	N	Y	UJ	J
DU-1	RSAL4-0.5B	Di-n-butylphthalate	ug/kg	39	--	N	Y		J
DU-1	RSAL4-0.5B	Methylene Chloride	ug/kg	0.59	--	N	Y	UJ	J
DU-1	RSAL4-0.5B	Tin	mg/kg	10.3	3.9	N	Y		J
DU-1	RSAL4009-0.5B	Acetone	ug/kg	6	--	N	Y		J
DU-1	RSAL4009-0.5B	Boron	mg/kg	10.2	4.6	N	Y	UJ	J
DU-1	RSAL4009-0.5B	Di-n-butylphthalate	ug/kg	42	--	N	Y	UJ	J
DU-1	RSAL4009-0.5B	Methylene Chloride	ug/kg	0.29	--	N	Y	UJ	J
DU-1	RSAL4009-0.5B	Tin	mg/kg	10.2	4	N	Y		J
DU-1	RSAL5-0.5B	2-Butanone	ug/kg	0.66	--	N	Y		J
DU-1	RSAL5-0.5B	Acetone	ug/kg	19	--	N	Y		J
DU-1	RSAL5-0.5B	Boron	mg/kg	10.8	7	N	Y		J
DU-1	RSAL5-0.5B	Methylene Chloride	ug/kg	0.36	--	N	Y		J

TABLE C-5. Revisions of Censored Data for Blank Contamination
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample ID	Analyte	Units	Original Result	Corrected Result	Original Detection Flag	Corrected Detection Flag	Original Qualifier	Corrected Qualifier
DU-1	RSAL5-0.5B	Tin	mg/kg	10.8	5	N	Y		J
DU-1	RSAL6-0.5B	Acetone	ug/kg	4	--	N	Y		J
DU-1	RSAL6-0.5B	Boron	mg/kg	10.5	4.3	N	Y		J
DU-1	RSAL6-0.5B	Chloride	mg/kg	2.1	1.9	N	Y		J
DU-1	RSAL6-0.5B	Di-n-butylphthalate	ug/kg	67	--	N	Y		J
DU-1	RSAL6-0.5B	Methylene Chloride	ug/kg	0.29	--	N	Y		J
DU-1	RSAL6-0.5B	Tin	mg/kg	10.5	4.4	N	Y		J
DU-1	RSAL7-0.5B	Acetone	ug/kg	3.3	--	N	Y		J
DU-1	RSAL7-0.5B	Boron	mg/kg	10.2	4.5	N	Y		J
DU-1	RSAL7-0.5B	Di-n-butylphthalate	ug/kg	96	--	N	Y		J
DU-1	RSAL7-0.5B	Naphthalene	ug/kg	1	--	N	Y		J
DU-1	RSAL7-0.5B	Octachlorodibenzo-p-dioxin	ng/kg	3.92	--	N	Y		J
DU-1	RSAL7-0.5B	Tin	mg/kg	10.2	3.7	N	Y		J
DU-1	RSAL8-0.5B	Acetone	ug/kg	5.4	--	N	Y		J
DU-1	RSAL8-0.5B	Di-n-butylphthalate	ug/kg	69	--	N	Y		J
DU-1	RSAL8-0.5B	Tin	mg/kg	10.3	4.3	N	Y		J
DU-1	RSAL8-0BPC	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	1.8	--	N	Y		J
DU-1	RSAL8-0BPC	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	0.37	--	N	Y		J
DU-1	RSAL8-0BPC	Octachlorodibenzo-p-dioxin	pg/g	2.7	--	N	Y		J
DU-1	RSAM2-0.5B	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	ng/kg	1.94	--	N	Y		J
DU-1	RSAM2-0.5B	Boron	mg/kg	10.3	3.8	N	Y		J
DU-1	RSAM2-0.5B	Di-n-butylphthalate	ug/kg	69	--	N	Y		J
DU-1	RSAM2-0.5B	Octachlorodibenzo-p-dioxin	ng/kg	5.08	--	N	Y		J
DU-1	RSAM2-0.5B	Tin	mg/kg	10.2	3.4	N	Y		J
DU-1	RSAM4-0.5B	Boron	mg/kg	10.4	8	N	Y		J
DU-1	RSAM4-0.5B	Methylene Chloride	ug/kg	1	--	N	Y		J
DU-1	RSAM4-0.5B	Tin	mg/kg	10.4	4.3	N	Y		J
DU-1	RSAM4-0.5B	Toluene	ug/kg	0.26	--	N	Y	UJ	J
DU-1	RSAM6-0.5B	Boron	mg/kg	10.2	6.7	N	Y		J
DU-1	RSAM6-0.5B	Di-n-butylphthalate	ug/kg	46	--	N	Y		J
DU-1	RSAM6-0.5B	Tin	mg/kg	10.2	4.5	N	Y		J
DU-1	RSAM7-0.5B	Boron	mg/kg	10.2	5	N	Y		J
DU-1	RSAM7-0.5B	Di-n-butylphthalate	ug/kg	96	--	N	Y	UJ	J
DU-1	RSAM7-0.5B	Tin	mg/kg	10.2	4.3	N	Y		J
DU-1	RSAM8-0.5B	Octachlorodibenzo-p-dioxin	ng/kg	3.78	--	N	Y		J
DU-1	RSAM8-0.5B	Tin	mg/kg	10.2	4.5	N	Y		J
DU-1	RSAN3-0.5B	Acetone	ug/kg	3.6	--	N	Y		J
DU-1	RSAN3-0.5B	Antimony	mg/kg	2.1	0.6	N	Y	UJ	J
DU-1	RSAN3-0.5B	Boron	mg/kg	10.7	8.7	N	Y		J
DU-1	RSAN3-0.5B	Formaldehyde	ug/kg	61	--	N	Y	UJ	J
DU-1	RSAN3-0.5B	Octachlorodibenzo-p-dioxin	ng/kg	1.75	--	N	Y		J
DU-1	RSAN3-0.5B	Tin	mg/kg	10.7	4.8	N	Y		J
DU-1	RSAN3-0.5B	Toluene	ug/kg	0.42	--	N	Y	UJ	J

TABLE C-5. Revisions of Censored Data for Blank Contamination
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample ID	Analyte	Units	Original Result	Corrected Result	Original Detection Flag	Corrected Detection Flag	Original Qualifier	Corrected Qualifier
DU-1	RSAN4-0.5B	Acetone	ug/kg	4.6	--	N	Y		J
DU-1	RSAN4-0.5B	Boron	mg/kg	10.8	5.9	N	Y		J
DU-1	RSAN4-0.5B	Methylene Chloride	ug/kg	0.45	--	N	Y	UJ	J
DU-1	RSAN4-0.5B	Octachlorodibenzo-p-dioxin	ng/kg	0.743	--	N	Y	UJ	J
DU-1	RSAN4-0.5B	Tin	mg/kg	10.8	4.2	N	Y		J
DU-1	RSAN5-0.5B	Boron	mg/kg	10.3	7.3	N	Y		J
DU-1	RSAN5-0.5B	Di-n-butylphthalate	ug/kg	140	--	N	Y		J
DU-1	RSAN5-0.5B	Octachlorodibenzo-p-dioxin	ng/kg	7.58	--	N	Y		J
DU-1	RSAN5-0.5B	Tin	mg/kg	10.3	4.2	N	Y		J
DU-1	RSAO2-0.5B	Dichlorobiphenyl (total)	ng/kg	367	--	N	Y		J
DU-1	RSAO2-0.5B	Hexachlorobiphenyl	ng/kg	1230	--	N	Y		J
DU-1	RSAO2-0.5B	Mercury	mg/kg	0.016	--	N	Y		J
DU-1	RSAO2-0.5B	Nonachlorobiphenyl	ng/kg	710	--	N	Y		J
DU-1	RSAO2-0.5B	Octachlorobiphenyl	ng/kg	942	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-011 (3,3'-DiCB)	ng/kg	367	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-017 (2,2',4-TrCB)	ng/kg	11.1	--	N	Y	UJK	JK
DU-1	RSAO2-0.5B	PCB-022 (2,3,4'-TrCB)	ng/kg	19	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-031 (2,4',5-TrCB)	ng/kg	46.8	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-032 (2,4',6-TrCB)	ng/kg	7.18	--	N	Y	UJK	JK
DU-1	RSAO2-0.5B	PCB-037 (3,4,4'-TrCB)	ng/kg	28.5	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-052 (2,2',5,5'-TeCB)	ng/kg	85.2	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-066 (2,3',4,4'-TeCB)	ng/kg	46.8	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-084 (2,2',3,3',6-PeCB)	ng/kg	29.2	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-092 (2,2',3,5,5'-PeCB)	ng/kg	31.3	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-095 (2,2',3,5',6-PeCB)	ng/kg	109	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-132 (2,2',3,3',4,6'-HxCB)	ng/kg	79.9	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-136 (2,2',3,3',6,6'-HxCB)	ng/kg	26.4	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-141 (2,2',3,4,5,5'-HxCB)	ng/kg	64.1	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-144 (2,2',3,4,5',6-HxCB)	ng/kg	12.7	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-146 (2,2',3,4',5,5'-HxCB)	ng/kg	37	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-174 (2,2',3,3',4,5,6'-HpCB)	ng/kg	52.6	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-178 (2,2',3,3',5,5',6-HpCB)	ng/kg	22.1	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-179 (2,2',3,3',5,6,6'-HpCB)	ng/kg	42.4	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-187 (2,2',3,4',5,5',6-HpCB)	ng/kg	150	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	ng/kg	103	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	ng/kg	76.1	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	ng/kg	26.2	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	ng/kg	42	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	ng/kg	122	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	ng/kg	188	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	ng/kg	343	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	ng/kg	158	--	N	Y		J
DU-1	RSAO2-0.5B	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	ng/kg	209	--	N	Y		J

TABLE C-5. Revisions of Censored Data for Blank Contamination
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample ID	Analyte	Units	Original Result	Corrected Result	Original Detection Flag	Corrected Detection Flag	Original Qualifier	Corrected Qualifier
DU-1	RSAO2-0.5B	PCBs 135 + 151	ng/kg	77.4	--	N	Y		J
DU-1	RSAO2-0.5B	PCBs 147 + 149	ng/kg	168	--	N	Y		J
DU-1	RSAO2-0.5B	PCBs 153 + 168	ng/kg	239	--	N	Y		J
DU-1	RSAO2-0.5B	PCBs 18 + 30	ng/kg	24.1	--	N	Y	UJK	JK
DU-1	RSAO2-0.5B	PCBs 198 + 199	ng/kg	312	--	N	Y		J
DU-1	RSAO2-0.5B	PCBs 20 + 28	ng/kg	44.8	--	N	Y		J
DU-1	RSAO2-0.5B	PCBs 21 + 33	ng/kg	26.9	--	N	Y		J
DU-1	RSAO2-0.5B	PCBs 44 + 47 + 65	ng/kg	51	--	N	Y		J
DU-1	RSAO2-0.5B	PCBs 61 + 70 + 74 + 76	ng/kg	99.4	--	N	Y		J
DU-1	RSAO2-0.5B	PCBs 90 + 101 + 113	ng/kg	178	--	N	Y		J
DU-1	RSAO2-0.5B	Tin	mg/kg	10.7	--	N	Y		J
DU-1	RSAO2-0.5B	Trichlorobiphenyl (total)	ng/kg	228	--	N	Y		J
DU-1	RSAO3-0.5B	Acetone	ug/kg	3.3	--	N	Y		J
DU-1	RSAO3-0.5B	Boron	mg/kg	10.1	5.6	N	Y		J
DU-1	RSAO3-0.5B	Tin	mg/kg	10.1	4	N	Y		J
DU-1	RSAO5-0.5B	Boron	mg/kg	10.3	10.2	N	Y		J
DU-1	RSAO5-0.5B	Di-n-butylphthalate	ug/kg	85	--	N	Y		J
DU-1	RSAO5-0.5B	Naphthalene	ug/kg	2.1	--	N	Y		J
DU-1	RSAO5-0.5B	Tin	mg/kg	10.3	4	N	Y		J
DU-1	RSAO6-0.5B	Acetone	ug/kg	15	--	N	Y		J
DU-1	RSAO6-0.5B	Methylene Chloride	ug/kg	0.4	--	N	Y		J
DU-1	RSAO6-0.5B	Octachlorodibenzo-p-dioxin	ng/kg	12.6	--	N	Y		J
DU-1	RSAO6-0.5B	Selenium	mg/kg	4.1	1.1	N	Y		J
DU-1	RSAO6-0.5B	Tin	mg/kg	10.2	4.2	N	Y		J
DU-1	RSAO7-9B	Acetone	ug/kg	2.5	--	N	Y		J
DU-1	RSAO7-9B	Boron	mg/kg	10.5	4.5	N	Y		J
DU-1	RSAO7-9B	Platinum	mg/kg	0.1	0.007	N	Y		J
DU-1	RSAO7-9B	Tin	mg/kg	10.5	3.9	N	Y		J
DU-1	RSAO8-11.5B	Acetone	ug/kg	8.6	--	N	Y		J
DU-1	RSAO8-11.5B	Tin	mg/kg	10.7	4.8	N	Y		J
DU-2	RSAP7-0.5B	2,3,7,8-Tetrachlorodibenzofuran	pg/g	0.14	--	N	Y	UJK	JK
DU-2	RSAP7-0.5B	Antimony	mg/kg	2.1	1.6	N	Y	UJ	J
DU-2	RSAP7-0.5B	Boron	mg/kg	10.5	6.7	N	Y		J
DU-2	RSAP7-0.5B	Butylbenzylphthalate	ug/kg	3.3	--	N	Y		J
DU-2	RSAP7-0.5B	Dimethoate	ug/kg	9.1	--	N	Y	UJ	J
DU-2	RSAP7-0.5B	Octachlorodibenzo-p-dioxin	pg/g	1.3	--	N	Y	UJK	JK
DU-2	RSAP7-0.5B	Platinum	mg/kg	0.1	0.032	N	Y		J
DU-2	RSAP7-0.5B	Tin	mg/kg	10.5	3.7	N	Y		J
DU-2	RSAQ6-0.5B	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	2.1	--	N	Y		J
DU-2	RSAQ6-0.5B	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	1.3	--	N	Y	UJK	JK
DU-2	RSAQ6-0.5B	2,3,7,8-Tetrachlorodibenzofuran	pg/g	2.3	--	N	Y		J
DU-2	RSAQ6-0.5B	Boron	mg/kg	10.7	4.8	N	Y		J
DU-2	RSAQ6-0.5B	Methylene Blue Active Substances	mg/kg	2.2	0.7	N	Y		J

TABLE C-5. Revisions of Censored Data for Blank Contamination
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample ID	Analyte	Units	Original Result	Corrected Result	Original Detection Flag	Corrected Detection Flag	Original Qualifier	Corrected Qualifier
DU-2	RSAQ6-0.5B	Octachlorodibenzo-p-dioxin	pg/g	10	--	N	Y	UJ	J
DU-2	RSAQ6-0.5B	Tin	mg/kg	10.7	2.8	N	Y		J
DU-2	RSAQ7-0.5B	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	0.48	--	N	Y	UJK	JK
DU-2	RSAQ7-0.5B	2,3,7,8-Tetrachlorodibenzofuran	pg/g	0.42	--	N	Y	UJK	JK
DU-2	RSAQ7-0.5B	Acetone	ug/kg	15	--	N	Y		J
DU-2	RSAQ7-0.5B	Antimony	mg/kg	2.1	1.2	N	Y	UJ	J
DU-2	RSAQ7-0.5B	Boron	mg/kg	10.6	6.6	N	Y		J
DU-2	RSAQ7-0.5B	Butylbenzylphthalate	ug/kg	3.6	--	N	Y		J
DU-2	RSAQ7-0.5B	Methylene Blue Active Substances	mg/kg	2.2	0.8	N	Y		J
DU-2	RSAQ7-0.5B	Octachlorodibenzo-p-dioxin	pg/g	2.7	--	N	Y		J
DU-2	RSAQ7-0.5B	Tin	mg/kg	10.6	3.6	N	Y		J
DU-2	RSAS3-0.5B	Antimony	mg/kg	2.1	1.7	N	Y		J
DU-2	RSAS3-0.5B	Boron	mg/kg	10.4	5.3	N	Y		J
DU-2	RSAS3-0.5B	Molybdenum	mg/kg	0.31	0.27	N	Y		J
DU-2	RSAS3-0.5B	Octachlorodibenzo-p-dioxin	ng/kg	0.986	--	N	Y		J
DU-2	RSAS3-0.5B	Platinum	mg/kg	0.1	0.008	N	Y		J
DU-2	RSAS3-0.5B	Tin	mg/kg	10.4	3.9	N	Y		J
DU-2	RSAS3009-0.5B	Antimony	mg/kg	2.1	1.7	N	Y		J
DU-2	RSAS3009-0.5B	Boron	mg/kg	10.5	5.2	N	Y		J
DU-2	RSAS3009-0.5B	Di-n-butylphthalate	ug/kg	54	--	N	Y		J
DU-2	RSAS3009-0.5B	Octachlorodibenzo-p-dioxin	ng/kg	3.31	--	N	Y		J
DU-2	RSAS3009-0.5B	Platinum	mg/kg	0.1	0.007	N	Y		J
DU-2	RSAS3009-0.5B	Tin	mg/kg	10.5	4.1	N	Y		J
DU-2	RSAS3009-0.5B	Toluene	ug/kg	0.39	--	N	Y		J
DU-2	RSAT6-0.5B	Antimony	mg/kg	2.1	1.3	N	Y		J
DU-2	RSAT6-0.5B	Boron	mg/kg	10.4	8.3	N	Y		J
DU-2	RSAT6-0.5B	Di-n-butylphthalate	ug/kg	90	--	N	Y		J
DU-2	RSAT6-0.5B	Octachlorodibenzo-p-dioxin	ng/kg	2.98	--	N	Y		J
DU-2	RSAT6-0.5B	Platinum	mg/kg	0.1	0.01	N	Y		J
DU-2	RSAT6-0.5B	Tin	mg/kg	10.4	4.1	N	Y		J
DU-2	RSAT6-0.5B	Toluene	ug/kg	0.42	--	N	Y		J
DU-2	RSAU4-0.5B	Ammonia (as N)	mg/kg	0.67	0.15	N	Y		J
DU-2	RSAU4-0.5B	Di-n-butylphthalate	ug/kg	41	--	N	Y		J
DU-2	RSAU4-0.5B	Methylene Blue Active Substances	mg/kg	2.2	1.4	N	Y	UJ	J
DU-2	RSAU4-0.5B	Tin	mg/kg	11.1	5	N	Y		J
DU-2	RSAU5-0.5B	Dichlorobiphenyl (total)	ng/kg	755	--	N	Y		J
DU-2	RSAU5-0.5B	Heptachlorobiphenyl	ng/kg	622	--	N	Y		J
DU-2	RSAU5-0.5B	Hexachlorobiphenyl	ng/kg	798	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-008 (2,4'-DiCB)	ng/kg	44.1	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-011 (3,3'-DiCB)	ng/kg	660	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-016 (2,2',3-TrCB)	ng/kg	26.4	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-017 (2,2',4-TrCB)	ng/kg	19.6	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-019 (2,2',6-TrCB)	ng/kg	4.86	--	N	Y		J

TABLE C-5. Revisions of Censored Data for Blank Contamination
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample ID	Analyte	Units	Original Result	Corrected Result	Original Detection Flag	Corrected Detection Flag	Original Qualifier	Corrected Qualifier
DU-2	RSAU5-0.5B	PCB-022 (2,3,4'-TrCB)	ng/kg	22.1	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-025 (2,3',4-TrCB)	ng/kg	4.05	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-027 (2,3',6-TrCB)	ng/kg	2.55	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-031 (2,4',5-TrCB)	ng/kg	51	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-032 (2,4',6-TrCB)	ng/kg	11.1	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-035 (3,3',4-TrCB)	ng/kg	4.4	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-037 (3,4,4'-TrCB)	ng/kg	12.5	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-042 (2,2',3,4'-TeCB)	ng/kg	6.87	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-048 (2,2',4,5-TeCB)	ng/kg	6.71	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-052 (2,2',5,5'-TeCB)	ng/kg	52	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-056 (2,3,3',4'-TeCB)	ng/kg	10.1	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-060 (2,3,4,4'-TeCB)	ng/kg	6.48	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-064 (2,3,4',6-TeCB)	ng/kg	12.2	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-066 (2,3',4,4'-TeCB)	ng/kg	16.6	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-077 (3,3',4,4'-TeCB)	ng/kg	4.12	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-082 (2,2',3,3',4-PeCB)	ng/kg	4.68	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-084 (2,2',3,3',6-PeCB)	ng/kg	17.5	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-092 (2,2',3,5,5'-PeCB)	ng/kg	15.3	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-094 (2,2',3,5,6'-PeCB)	ng/kg	1.38	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-095 (2,2',3,5',6-PeCB)	ng/kg	76.3	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-103 (2,2',4,5',6-PeCB)	ng/kg	2.93	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-105 (2,3,3',4,4'-PeCB)	ng/kg	14.6	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-118 (2,3',4,4',5-PeCB)	ng/kg	42.6	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-120 (2,3',4,5,5'-PeCB)	ng/kg	4.56	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-121 (2,3',4,5',6-PeCB)	ng/kg	4.83	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-130 (2,2',3,3',4,5'-HxCB)	ng/kg	12.6	--	N	Y	UJK	JK
DU-2	RSAU5-0.5B	PCB-131 (2,2',3,3',4,6-HxCB)	ng/kg	5.13	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-132 (2,2',3,3',4,6'-HxCB)	ng/kg	51.2	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-133 (2,2',3,3',5,5'-HxCB)	ng/kg	8.54	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-134 (2,2',3,3',5,6-HxCB)	ng/kg	9.07	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-136 (2,2',3,3',6,6'-HxCB)	ng/kg	19.1	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-141 (2,2',3,4,5,5'-HxCB)	ng/kg	33.9	--	N	Y	UJK	JK
DU-2	RSAU5-0.5B	PCB-144 (2,2',3,4,5',6-HxCB)	ng/kg	13.3	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-146 (2,2',3,4',5,5'-HxCB)	ng/kg	33.2	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-158 (2,3,3',4,4',6-HxCB)	ng/kg	16.3	--	N	Y	UJK	JK
DU-2	RSAU5-0.5B	PCB-164 (2,3,3',4',5',6-HxCB)	ng/kg	20	--	N	Y	UJK	JK
DU-2	RSAU5-0.5B	PCB-167 (2,3',4,4',5,5'-HxCB)	ng/kg	11.8	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-170 (2,2',3,3',4,4',5-HpCB)	ng/kg	36.2	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-174 (2,2',3,3',4,5,6'-HpCB)	ng/kg	44.1	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-176 (2,2',3,3',4,6,6'-HpCB)	ng/kg	19.2	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-177 (2,2',3,3',4,5',6'-HpCB)	ng/kg	15.2	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-178 (2,2',3,3',5,5',6-HpCB)	ng/kg	22.1	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-179 (2,2',3,3',5,6,6'-HpCB)	ng/kg	21.2	--	N	Y		J

TABLE C-5. Revisions of Censored Data for Blank Contamination
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample ID	Analyte	Units	Original Result	Corrected Result	Original Detection Flag	Corrected Detection Flag	Original Qualifier	Corrected Qualifier
DU-2	RSAU5-0.5B	PCB-183 (2,2',3,4,4',5',6-HpCB)	ng/kg	44.1	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-187 (2,2',3,4',5,5',6-HpCB)	ng/kg	53	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-85/116	ng/kg	10.5	--	N	Y		J
DU-2	RSAU5-0.5B	PCB-88/91	ng/kg	11.1	--	N	Y		J
DU-2	RSAU5-0.5B	PCBs 110 + 115	ng/kg	91.7	--	N	Y		J
DU-2	RSAU5-0.5B	PCBs 128 + 166	ng/kg	20.1	--	N	Y		J
DU-2	RSAU5-0.5B	PCBs 129 + 138 + 163	ng/kg	139	--	N	Y		J
DU-2	RSAU5-0.5B	PCBs 135 + 151	ng/kg	62.5	--	N	Y		J
DU-2	RSAU5-0.5B	PCBs 147 + 149	ng/kg	124	--	N	Y		J
DU-2	RSAU5-0.5B	PCBs 153 + 168	ng/kg	122	--	N	Y		J
DU-2	RSAU5-0.5B	PCBs 156 + 157	ng/kg	18	--	N	Y		J
DU-2	RSAU5-0.5B	PCBs 18 + 30	ng/kg	21.9	--	N	Y		J
DU-2	RSAU5-0.5B	PCBs 180 + 193	ng/kg	99	--	N	Y		J
DU-2	RSAU5-0.5B	PCBs 20 + 28	ng/kg	62.4	--	N	Y		J
DU-2	RSAU5-0.5B	PCBs 21 + 33	ng/kg	36	--	N	Y		J
DU-2	RSAU5-0.5B	PCBs 26 + 29	ng/kg	9.64	--	N	Y		J
DU-2	RSAU5-0.5B	PCBs 40 + 41 + 71	ng/kg	13.7	--	N	Y		J
DU-2	RSAU5-0.5B	PCBs 44 + 47 + 65	ng/kg	35.5	--	N	Y		J
DU-2	RSAU5-0.5B	PCBs 49 + 69	ng/kg	18.8	--	N	Y		J
DU-2	RSAU5-0.5B	PCBs 61 + 70 + 74 + 76	ng/kg	42.8	--	N	Y		J
DU-2	RSAU5-0.5B	PCBs 83 + 99	ng/kg	24.1	--	N	Y		J
DU-2	RSAU5-0.5B	PCBs 90 + 101 + 113	ng/kg	105	--	N	Y		J
DU-2	RSAU5-0.5B	PENTACHLOROBIPHENYL	ng/kg	468	--	N	Y		J
DU-2	RSAU5-0.5B	Tetrachlorobiphenyl	ng/kg	260	--	N	Y		J
DU-2	RSAU5-0.5B	Tin	mg/kg	10.6	4.1	N	Y		J
DU-2	RSAU5-0.5B	Trichlorobiphenyl (total)	ng/kg	289	--	N	Y		J
DU-2	SA103-0.5B	Platinum	mg/kg	0.11	0.015	N	Y		J
DU-2	SA103-0.5B	Tin	mg/kg	10.6	5.4	N	Y		J
DU-1	SA114009-1BR	Boron	mg/kg	4.3	--	N	Y	UJ	J
DU-1	SA114-1.5BR	Boron	mg/kg	3.9	--	N	Y	UJ	J
DU-1	SA114-1BR	Antimony	mg/kg	2.1	--	N	Y	UJ	J
DU-1	SA114-1BR	Boron	mg/kg	5.5	--	N	Y	UJ	J
DU-2	SA116-0.5B	1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg	0.307	--	N	Y		J
DU-2	SA116-0.5B	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	ng/kg	0.335	--	N	Y		J
DU-2	SA116-0.5B	Boron	mg/kg	10.5	7.7	N	Y		J
DU-2	SA116-0.5B	HpCDD (total)	ng/kg	0.766	--	N	Y		J
DU-2	SA116-0.5B	Octachlorodibenzo-p-dioxin	ng/kg	3.17	--	N	Y		J
DU-2	SA116-0.5B	PeCDF (total)	ng/kg	0.342	--	N	Y		J
DU-2	SA116-0.5B	Tin	mg/kg	10.5	4.9	N	Y		J
DU-1	SA12-0.5	Boron	mg/kg	9	--	N	Y	UJ	J
DU-2	SA121-0.5B	Antimony	mg/kg	2.1	1.9	N	Y	UJ	J
DU-2	SA121-0.5B	Boron	mg/kg	10.7	8	N	Y		J
DU-2	SA121-0.5B	Di-n-butylphthalate	ug/kg	51	--	N	Y		J

TABLE C-5. Revisions of Censored Data for Blank Contamination
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample ID	Analyte	Units	Original Result	Corrected Result	Original Detection Flag	Corrected Detection Flag	Original Qualifier	Corrected Qualifier
DU-2	SA121-0.5B	Tin	mg/kg	10.7	4.1	N	Y		J
DU-2	SA121-0.5B	Toluene	ug/kg	0.57	--	N	Y		J
DU-2	SA121009-0.5B	Acetone	ug/kg	8.3	--	N	Y		J
DU-2	SA121009-0.5B	Boron	mg/kg	10.8	8.4	N	Y		J
DU-2	SA121009-0.5B	Di-n-butylphthalate	ug/kg	46	--	N	Y		J
DU-2	SA121009-0.5B	Methylene Blue Active Substances	mg/kg	2.2	0.9	N	Y		J
DU-2	SA121009-0.5B	Radium-226	pci/g	0.5	0.481	N	Y		J
DU-2	SA121009-0.5B	Tin	mg/kg	10.8	4.7	N	Y		J
DU-3	SA128-10B	Acetone	ug/kg	3	--	N	Y		J
DU-3	SA128-10B	Boron	mg/kg	10.8	6.1	N	Y		J
DU-3	SA128-10B	Di-n-butylphthalate	ug/kg	52	--	N	Y		J
DU-3	SA128-10B	Selenium	mg/kg	4.3	1	N	Y		J
DU-3	SA128-10B	Tin	mg/kg	10.8	5	N	Y		J
DU-2	SA138-0.5B	Acetone	ug/kg	2.3	--	N	Y		J
DU-2	SA138-0.5B	Boron	mg/kg	10.6	9.8	N	Y		J
DU-2	SA138-0.5B	Di-n-butylphthalate	ug/kg	110	--	N	Y	UJ	J
DU-2	SA138-0.5B	Platinum	mg/kg	0.1	0.028	N	Y		J
DU-2	SA138-0.5B	Tin	mg/kg	10.6	4	N	Y		J
DU-1	SA141009-14B	Acetone	ug/kg	7.1	--	N	Y		J
DU-1	SA141009-14B	Boron	mg/kg	10.6	6.4	N	Y		J
DU-1	SA141009-14B	Octachlorodibenzo-p-dioxin	pg/g	1.1	--	N	Y		J
DU-1	SA141009-14B	Platinum	mg/kg	0.11	0.008	N	Y		J
DU-1	SA141009-14B	Tin	mg/kg	10.6	4	N	Y		J
DU-1	SA141009-14B	Toluene	ug/kg	0.53	--	N	Y	UJ	J
DU-1	SA141-14B	Acetone	ug/kg	6.8	--	N	Y	UJ	J
DU-1	SA141-14B	Boron	mg/kg	10.7	6.1	N	Y		J
DU-1	SA141-14B	Octachlorodibenzo-p-dioxin	pg/g	1.1	--	N	Y		J
DU-1	SA141-14B	Platinum	mg/kg	0.11	0.01	N	Y		J
DU-1	SA141-14B	Tin	mg/kg	10.7	4.1	N	Y		J
DU-1	SA145-0.5B	Tin	mg/kg	10.2	4.1	N	Y		J
DU-2	SA146-0.5B	Methylene Blue Active Substances	mg/kg	2.1	1.2	N	Y		J
DU-2	SA146-0.5B	Tin	mg/kg	10.4	4.1	N	Y		J
DU-2	SA146-0.5B	Toluene	ug/kg	0.32	--	N	Y	UJ	J
DU-2	SA147-0.5B	Boron	mg/kg	10.6	6.1	N	Y		J
DU-2	SA147-0.5B	Chloride	mg/kg	2.2	1.7	N	Y		J
DU-2	SA147-0.5B	Di-n-butylphthalate	ug/kg	44	--	N	Y		J
DU-2	SA147-0.5B	HpCDD (total)	ng/kg	0.873	--	N	Y		J
DU-2	SA147-0.5B	Methylene Blue Active Substances	mg/kg	2.2	0.8	N	Y		J
DU-2	SA147-0.5B	Tin	mg/kg	10.6	4.2	N	Y		J
DU-2	SA147-0.5B	Toluene	ug/kg	0.3	--	N	Y		J
DU-1	SA150-1BR	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	15	--	N	Y	UJ	J
DU-1	SA150-1BR	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	1.5	--	N	Y	UJ	J
DU-1	SA150-1BR	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	4.8	--	N	Y	UJ	J

TABLE C-5. Revisions of Censored Data for Blank Contamination
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample ID	Analyte	Units	Original Result	Corrected Result	Original Detection Flag	Corrected Detection Flag	Original Qualifier	Corrected Qualifier
DU-1	SA150-1BR	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	3.3	--	N	Y	UJ	J
DU-1	SA150-1BR	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	2.6	--	N	Y	UJ	J
DU-1	SA150-1BR	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	0.87	--	N	Y	UJ	J
DU-1	SA150-1BR	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	1.3	--	N	Y	UJ	J
DU-1	SA150-1BR	Octachlorodibenzo-p-dioxin	pg/g	1.2	--	N	Y	UJ	J
DU-1	SA151-0.5B	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	1.9	--	N	Y		J
DU-1	SA151-0.5B	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	1.3	--	N	Y		J
DU-1	SA151-0.5B	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	0.21	--	N	Y	UJK	JK
DU-1	SA151-0.5B	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	0.99	--	N	Y	UJK	JK
DU-1	SA151-0.5B	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	0.47	--	N	Y		J
DU-1	SA151-0.5B	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	0.84	--	N	Y		J
DU-1	SA151-0.5B	2,3,7,8-Tetrachlorodibenzofuran	pg/g	1	--	N	Y		J
DU-1	SA151-0.5B	Tin	mg/kg	10.4	4.5	N	Y		J
DU-1	SA151-0.5B	Toluene	ug/kg	0.41	--	N	Y		J
DU-1	SA152-0.5B	Boron	mg/kg	10.5	4.4	N	Y		J
DU-1	SA152-0.5B	Naphthalene	ug/kg	1.4	--	N	Y		J
DU-1	SA152-0.5B	Tin	mg/kg	10.3	3.6	N	Y		J
DU-1	SA152009-0.5B	Acetone	ug/kg	5.1	--	N	Y		J
DU-1	SA152009-0.5B	Boron	mg/kg	10.3	4.1	N	Y		J
DU-1	SA152009-0.5B	Di-n-butylphthalate	ug/kg	39	--	N	Y		J
DU-1	SA152009-0.5B	Tin	mg/kg	10.2	3.8	N	Y		J
DU-1	SA157-0.5B	Boron	mg/kg	10.8	4.4	N	Y		J
DU-1	SA157-0.5B	Tin	mg/kg	10.8	4.5	N	Y		J
DU-1	SA157-0.5B	Toluene	ug/kg	0.67	--	N	Y		J
DU-1	SA157009-0.5B	Acetone	ug/kg	11	--	N	Y		J
DU-1	SA157009-0.5B	Boron	mg/kg	10.7	3.7	N	Y		J
DU-1	SA157009-0.5B	Selenium	mg/kg	4.3	1.3	N	Y	UJ	J
DU-1	SA157009-0.5B	Tin	mg/kg	10.7	4.1	N	Y		J
DU-1	SA157009-0.5B	Toluene	ug/kg	0.4	--	N	Y		J
DU-1	SA158-0.5B	Acetone	ug/kg	3.2	--	N	Y		J
DU-1	SA158-0.5B	Tin	mg/kg	10.3	4.6	N	Y		J
DU-3	SA16-0.5	Boron	mg/kg	4.2	--	N	Y	UJ	J
DU-1	SA166-0.5B	Boron	mg/kg	10.4	6.7	N	Y		J
DU-1	SA166-0.5B	Dichlorobiphenyl (total)	ng/kg	331	--	N	Y		J
DU-1	SA166-0.5B	Naphthalene	ug/kg	1	--	N	Y		J
DU-1	SA166-0.5B	Octachlorodibenzo-p-dioxin	ng/kg	5.03	--	N	Y		J
DU-1	SA166-0.5B	PCB-008 (2,4'-DiCB)	ng/kg	9.26	--	N	Y	UJK	JK
DU-1	SA166-0.5B	PCB-011 (3,3'-DiCB)	ng/kg	176	--	N	Y		J
DU-1	SA166-0.5B	PCB-017 (2,2',4-TrCB)	ng/kg	5.95	--	N	Y		J
DU-1	SA166-0.5B	PCB-031 (2,4',5-TrCB)	ng/kg	18	--	N	Y		J
DU-1	SA166-0.5B	PCBs 18 + 30	ng/kg	14.7	--	N	Y		J
DU-1	SA166-0.5B	PCBs 20 + 28	ng/kg	25.8	--	N	Y		J
DU-1	SA166-0.5B	PCBs 21 + 33	ng/kg	9.16	--	N	Y		J

TABLE C-5. Revisions of Censored Data for Blank Contamination
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Spatial Unit	Sample ID	Analyte	Units	Original Result	Corrected Result	Original Detection Flag	Corrected Detection Flag	Original Qualifier	Corrected Qualifier
DU-1	SA166-0.5B	PCBs 49 + 69	ng/kg	24.2	--	N	Y		J
DU-1	SA166-0.5B	Tin	mg/kg	10.4	4.5	N	Y		J
DU-1	SA166-0.5B	Trichlorobiphenyl (total)	ng/kg	163	--	N	Y		J
DU-1	SA171-5B	Acetone	ug/kg	8.4	--	N	Y		J
DU-1	SA171-5B	Antimony	mg/kg	2.1	1	N	Y	UJ	J
DU-1	SA171-5B	Boron	mg/kg	10.6	8.4	N	Y		J
DU-1	SA171-5B	Octachlorodibenzo-p-dioxin	pg/g	0.95	--	N	Y		J
DU-1	SA171-5B	Tin	mg/kg	10.6	4	N	Y		J
DU-1	SA173-0.5B	Acetone	ug/kg	4.7	--	N	Y		J
DU-1	SA173-0.5B	Boron	mg/kg	10.5	5.1	N	Y		J
DU-1	SA173-0.5B	Methylene Chloride	ug/kg	0.53	--	N	Y		J
DU-1	SA173-0.5B	Tin	mg/kg	10.5	4.3	N	Y		J
DU-1	SA173009-0.5B	Acetone	ug/kg	2.5	--	N	Y		J
DU-1	SA173009-0.5B	Boron	mg/kg	10.4	4.7	N	Y		J
DU-1	SA173009-0.5B	Methylene Chloride	ug/kg	0.39	--	N	Y		J
DU-1	SA173009-0.5B	Selenium	mg/kg	4.1	0.9	N	Y		J
DU-1	SA173009-0.5B	Tin	mg/kg	10.4	4.6	N	Y		J
DU-1	SA173009-0.5B	Toluene	ug/kg	0.28	--	N	Y		J
DU-1	SA176-0.5B	Octachlorodibenzo-p-dioxin	ng/kg	1.07	--	N	Y		J
DU-1	SA176-0.5B	Tin	mg/kg	10.4	4.3	N	Y		J
DU-1	SA179-0.5B	Acetone	ug/kg	6.5	--	N	Y		J
DU-1	SA179-0.5B	Boron	mg/kg	11	4.7	N	Y		J
DU-1	SA179-0.5B	Methylene Blue Active Substances	mg/kg	2.2	2	N	Y	UJ	J
DU-1	SA179-0.5B	Methylene Chloride	ug/kg	0.42	--	N	Y		J
DU-1	SA179-0.5B	Selenium	mg/kg	4.4	0.8	N	Y		J
DU-1	SA179-0.5B	Tin	mg/kg	11	4.2	N	Y		J
DU-1	SA18-0.5	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	ng/kg	1.964	--	N	Y	U	J
DU-1	SA18-0.5	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	ng/kg	0.516	--	N	Y	U	J
DU-1	SA18-0.5	Boron	mg/kg	4.3	--	N	Y	UJ	J
DU-1	SA18-0.5	Selenium	mg/kg	0.12	--	N	Y	UJ	J
DU-1	SA18-0.5	Thallium	mg/kg	0.081	--	N	Y	U	J
DU-1	SA18-0.5	Total HpCDD	ng/kg	0.957	--	N	Y	U	J
DU-1	SA18-0.5	Tungsten	mg/kg	0.38	--	N	Y	UJ	J
DU-1	SA18-0.5D	Boron	mg/kg	3.4	--	N	Y	UJ	J
DU-1	SA18-0.5D	Selenium	mg/kg	0.11	--	N	Y	UJ	J
DU-1	SA18-0.5D	Thallium	mg/kg	0.08	--	N	Y	U	J
DU-1	SA18-0.5D	Tungsten	mg/kg	0.28	--	N	Y	UJ	J
DU-1	SA180-0.5B	PCB-011 (3,3'-DiCB)	ng/kg	353	--	N	Y		J
DU-1	SA180-0.5B	PCB-017 (2,2',4-TrCB)	ng/kg	44.8	--	N	Y		J
DU-1	SA180-0.5B	PCB-019 (2,2',6-TrCB)	ng/kg	18	--	N	Y		J
DU-1	SA180-0.5B	PCB-027 (2,3',6-TrCB)	ng/kg	7.82	--	N	Y		J
DU-1	SA180-0.5B	PCB-032 (2,4',6-TrCB)	ng/kg	28	--	N	Y		J
DU-1	SA180-0.5B	PCBs 45 + 51	ng/kg	9.15	--	N	Y	UJK	JK

TABLE C-5. Revisions of Censored Data for Blank Contamination
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Henderson, Nevada

Spatial Unit	Sample ID	Analyte	Units	Original Result	Corrected Result	Original Detection Flag	Corrected Detection Flag	Original Qualifier	Corrected Qualifier
DU-1	SA180-0.5B	Tin	mg/kg	9.6	3.3	N	Y		J
DU-1	SA185-0.5B	Boron	mg/kg	10.5	5.6	N	Y		J
DU-1	SA185-0.5B	Di-n-butylphthalate	ug/kg	53	--	N	Y		J
DU-1	SA185-0.5B	Naphthalene	ug/kg	1.1	--	N	Y		J
DU-1	SA185-0.5B	Tin	mg/kg	10.5	3.9	N	Y		J
DU-1	SA186-0.5B	Acetone	ug/kg	5.4	--	N	Y		J
DU-1	SA186-0.5B	Boron	mg/kg	10.3	9.7	N	Y		J
DU-1	SA186-0.5B	Methylene Chloride	ug/kg	0.48	--	N	Y		J
DU-1	SA186-0.5B	Tin	mg/kg	10.3	4.1	N	Y		J
DU-1	SA189-0.5B	Acetone	ug/kg	7.1	--	N	Y		J
DU-1	SA189-0.5B	Boron	mg/kg	10.4	6	N	Y		J
DU-1	SA189-0.5B	Di-n-butylphthalate	ug/kg	120	--	N	Y		J
DU-1	SA189-0.5B	Naphthalene	ug/kg	1.4	--	N	Y		J
DU-1	SA189-0.5B	Tin	mg/kg	10.5	3.9	N	Y		J
DU-1	SA19-0.5	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	ng/kg	157.306	--	N	Y	U	J
DU-3	SA197-0.5B	Boron	mg/kg	10.7	4.5	N	Y		J
DU-3	SA197-0.5B	Molybdenum	mg/kg	0.32	0.3	N	Y		J
DU-3	SA197-0.5B	Tin	mg/kg	10.7	4.6	N	Y		J
DU-2	SA2-0.5	Boron	mg/kg	3.1	--	N	Y	UJ	J
DU-2	SA2-0.5	Thallium	mg/kg	0.12	--	N	Y	U	J
DU-1	SA21-0.5	Boron	mg/kg	3.7	--	N	Y	UJ	J
DU-1	SA21-0.5	Selenium	mg/kg	0.11	--	N	Y	UJ	J
DU-1	SA21-0.5	Tungsten	mg/kg	0.28	--	N	Y	UJ	J
DU-2	SA212-0.5B	Antimony	mg/kg	2	1.1	N	Y	UJ	J
DU-2	SA212-0.5B	Boron	mg/kg	9.8	5.9	N	Y		J
DU-2	SA212-0.5B	Methylene Blue Active Substances	mg/kg	2.1	0.6	N	Y		J
DU-2	SA212-0.5B	Octachlorodibenzo-p-dioxin	pg/g	2.6	--	N	Y		J
DU-2	SA212-0.5B	Tin	mg/kg	9.8	3.7	N	Y		J
DU-2	SA28-0.5B	Tin	mg/kg	10.6	5.2	N	Y		J
DU-2	SA31-0.5B	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	ng/kg	1.63	--	N	Y		J
DU-2	SA31-0.5B	1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	1.09	--	N	Y		J
DU-2	SA31-0.5B	1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	0.734	--	N	Y		J
DU-2	SA31-0.5B	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	ng/kg	0.0918	--	N	Y	UJK	JK
DU-2	SA31-0.5B	Boron	mg/kg	10.4	7.4	N	Y		J
DU-2	SA31-0.5B	Di-n-butylphthalate	ug/kg	83	--	N	Y		J
DU-2	SA31-0.5B	HpCDD (total)	ng/kg	3.52	--	N	Y		J
DU-2	SA31-0.5B	HxCDD (total)	ng/kg	0.309	--	N	Y		J
DU-2	SA31-0.5B	Methylene Blue Active Substances	mg/kg	2.1	1.3	N	Y	UJ	J
DU-2	SA31-0.5B	Octachlorodibenzo-p-dioxin	ng/kg	6.11	--	N	Y		J
DU-2	SA31-0.5B	Tin	mg/kg	10.4	5.8	N	Y		J
DU-1	SA35-0.5B	Acetone	ug/kg	4	--	N	Y		J
DU-1	SA35-0.5B	Boron	mg/kg	10.4	3.9	N	Y		J
DU-1	SA35-0.5B	Tin	mg/kg	10.4	3.9	N	Y		J

TABLE C-5. Revisions of Censored Data for Blank Contamination
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Spatial Unit	Sample ID	Analyte	Units	Original Result	Corrected Result	Original Detection Flag	Corrected Detection Flag	Original Qualifier	Corrected Qualifier
DU-1	SA50-0.5B	Boron	mg/kg	10.2	9.7	N	Y		J
DU-1	SA50-0.5B	Di-n-butylphthalate	ug/kg	140	--	N	Y		J
DU-1	SA50-0.5B	Methylene Chloride	ug/kg	0.53	--	N	Y		J
DU-1	SA50-0.5B	Naphthalene	ug/kg	1.8	--	N	Y		J
DU-1	SA50-0.5B	Tin	mg/kg	10.2	5.3	N	Y		J
DU-1	SA55-0.5B	Acetone	ug/kg	3.6	--	N	Y		J
DU-1	SA55-0.5B	Boron	mg/kg	10.3	5.8	N	Y		J
DU-1	SA55-0.5B	Octachlorodibenzofuran	ng/kg	3.17	--	N	Y	UJ	J
DU-1	SA55-0.5B	Octachlorodibenzo-p-dioxin	ng/kg	1.15	--	N	Y	UJ	J
DU-1	SA55-0.5B	Tin	mg/kg	10.3	4	N	Y		J
DU-1	SA62-0.5B	Tin	mg/kg	10.3	4.7	N	Y		J
DU-3	SA64-0.5B	Boron	mg/kg	10.7	5.9	N	Y		J
DU-3	SA64-0.5B	Tin	mg/kg	10.7	4.7	N	Y		J
DU-3	SA65-10B	Boron	mg/kg	10.7	6.1	N	Y		J
DU-3	SA65-10B	Methylene Blue Active Substances	mg/kg	2.2	1.6	N	Y	UJ	J
DU-3	SA65-10B	Phenanthrene	ug/kg	3.6	--	N	Y		J
DU-3	SA65-10B	Platinum	mg/kg	0.11	0.014	N	Y		J
DU-3	SA65-10B	Tin	mg/kg	10.7	4	N	Y		J
DU-1	SA67-0.5B	Boron	mg/kg	4	--	N	Y		J
DU-1	SA67-0.5B	Tin	mg/kg	10	--	N	Y		J
DU-1	SA69-0.5B	Acetone	ug/kg	6.4	--	N	Y		J
DU-1	SA69-0.5B	Boron	mg/kg	10.5	4.5	N	Y	UJ	J
DU-1	SA69-0.5B	Octachlorodibenzo-p-dioxin	ng/kg	4.7	--	N	Y		J
DU-1	SA69-0.5B	Tin	mg/kg	10.5	4.2	N	Y		J
DU-2	SA7-0.5	Thallium	mg/kg	0.38	--	N	Y	U	J
DU-1	SA71-0.5B	Acetone	ug/kg	3.9	--	N	Y		J
DU-1	SA71-0.5B	Di-n-butylphthalate	ug/kg	83	--	N	Y		J
DU-1	SA71-0.5B	Tin	mg/kg	10.2	4.6	N	Y		J
DU-1	SA72-0.5B	Boron	mg/kg	10.5	4	N	Y		J
DU-1	SA72-0.5B	Methylene Chloride	ug/kg	0.41	--	N	Y		J
DU-1	SA72-0.5B	Tin	mg/kg	10.5	4.3	N	Y		J
DU-1	SA73-0.5B	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	ng/kg	2.07	--	N	Y		J
DU-1	SA73-0.5B	Acetone	ug/kg	4.6	--	N	Y		J
DU-1	SA73-0.5B	Boron	mg/kg	10.8	5	N	Y		J
DU-1	SA73-0.5B	HpCDD (total)	ng/kg	3.54	--	N	Y		J
DU-1	SA73-0.5B	Methylene Blue Active Substances	mg/kg	2.2	0.8	N	Y	UJ	J
DU-1	SA73-0.5B	Methylene Chloride	ug/kg	0.59	--	N	Y		J
DU-1	SA73-0.5B	Octachlorodibenzo-p-dioxin	ng/kg	3.68	--	N	Y		J
DU-1	SA73-0.5B	Tin	mg/kg	10.8	4.5	N	Y		J
DU-1	SA74-0.5B	Acetone	ug/kg	4.1	--	N	Y		J
DU-1	SA74-0.5B	Boron	mg/kg	10.8	4.8	N	Y		J
DU-1	SA74-0.5B	Methylene Chloride	ug/kg	0.43	--	N	Y		J
DU-1	SA74-0.5B	Tin	mg/kg	10.8	4.5	N	Y		J

TABLE C-5. Revisions of Censored Data for Blank Contamination
Nevada Environmental Response Trust Site
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Spatial Unit	Sample ID	Analyte	Units	Original Result	Corrected Result	Original Detection Flag	Corrected Detection Flag	Original Qualifier	Corrected Qualifier
DU-1	SA74009-0.5B	Acetone	ug/kg	6.8	--	N	Y		J
DU-1	SA74009-0.5B	Boron	mg/kg	11	5.5	N	Y		J
DU-1	SA74009-0.5B	Tin	mg/kg	11	5.2	N	Y		J
DU-1	SA75-0.5B	Acetone	ug/kg	20	--	N	Y		J
DU-1	SA75-0.5B	Boron	mg/kg	10.6	2.5	N	Y	UJ	J
DU-1	SA75-0.5B	Methylene Chloride	ug/kg	0.67	--	N	Y	UJ	J
DU-1	SA75-0.5B	Tin	mg/kg	10.6	4.3	N	Y		J
DU-1	SA75-0BPC	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	1	--	N	Y		J
DU-1	SA75-0BPC	Octachlorodibenzo-p-dioxin	pg/g	1.6	--	N	Y		J
DU-1	SA75-1BR	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	0.79	--	N	Y	UJ	J
DU-1	SA75-1BR	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	3.5	--	N	Y	UJ	J
DU-1	SA75-1BR	Hexachlorobenzene	ug/kg	5.7	--	N	Y	UJ	J
DU-1	SA85-0.5B	Acetone	ug/kg	7.1	--	N	Y		J
DU-1	SA85-0.5B	Boron	mg/kg	10.3	8	N	Y		J
DU-1	SA85-0.5B	Formaldehyde	ug/kg	89	--	N	Y	UJ	J
DU-1	SA85-0.5B	Tin	mg/kg	10.3	4.9	N	Y		J
DU-3	SA86-3BPC	bis(2-Ethylhexyl)phthalate	ug/kg	190	--	Y	Y		J
DU-3	SA86-4BPC	bis(2-Ethylhexyl)phthalate	ug/kg	160	--	Y	Y		J
DU-1	SA87-0.5B	Tin	mg/kg	9.4	2.7	N	Y		J
DU-1	SA92-0.5B	Di-n-butylphthalate	ug/kg	97	--	N	Y	UJ	J
DU-1	SA92-0.5B	Tin	mg/kg	10.3	4.3	N	Y		J
DU-1	SA92-1.5BR	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g	9	--	N	Y	UJ	J
DU-1	SA92-1.5BR	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	0.54	--	N	Y	UJ	J
DU-1	SA92-1.5BR	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	3	--	N	Y	UJ	J
DU-1	SA92-1.5BR	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	2.1	--	N	Y	UJ	J
DU-1	SA92-1.5BR	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	1	--	N	Y	UJ	J
DU-1	SA92-1.5BR	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	0.58	--	N	Y	UJ	J
DU-1	SA92-1.5BR	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	0.86	--	N	Y	UJ	J
DU-1	SA92-1.5BR	Octachlorodibenzofuran	pg/g	21	--	N	Y	UJ	J
DU-1	SA92-1.5BR	Octachlorodibenzo-p-dioxin	pg/g	1	--	N	Y	UJ	J
DU-1	SSAI3-02-14BPC	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	0.61	--	Y	Y	UJK	JK
DU-1	SSAI3-02-15BPC	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	0.18	--	Y	Y	UJK	JK
DU-1	SSAI3-02-15BPC	Octachlorodibenzo-p-dioxin	pg/g	1.2	--	N	Y		J
DU-1	SSAI3-07-10BPC	Dimethylphthalate	ug/kg	160	--	N	Y		J
DU-1	SSAJ3-07-5BPC	Dimethylphthalate	ug/kg	70	--	N	Y		J
DU-1	SSAK2-02-0.0_01_BPC	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	0.26	--	N	Y	U	J
DU-1	SSAK2-02-0.0_01_BPC	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g	0.63	--	N	Y	U	J
DU-1	SSAK2-02-0.0_01_BPC	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g	0.62	--	N	Y	U	J
DU-1	SSAK2-02-0.0_01_BPC	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	0.07	--	N	Y	U	J
DU-1	SSAK2-02-0.0_01_BPC	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g	0.52	--	N	Y	U	J
DU-1	SSAK2-02-0.0_01_BPC	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/g	0.12	--	N	Y	U	J
DU-1	SSAK2-02-0.0_01_BPC	1,2,3,7,8-Pentachlorodibenzofuran	pg/g	0.33	--	N	Y	U	J
DU-1	SSAK2-02-0.0_01_BPC	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	0.15	--	N	Y	U	J

TABLE C-5. Revisions of Censored Data for Blank Contamination
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Spatial Unit	Sample ID	Analyte	Units	Original Result	Corrected Result	Original Detection Flag	Corrected Detection Flag	Original Qualifier	Corrected Qualifier
DU-1	SSAK2-02-0.0_01_BPC	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	0.19	--	N	Y	U	J
DU-1	SSAK3-02-1BPC	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	0.37	--	Y	Y	UJK	JK
DU-1	SSAK3-02-1BPC	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/g	0.12	--	Y	Y		J
DU-1	SSAK3-02-1BPC	Octachlorodibenzo-p-dioxin	pg/g	1.4	--	Y	Y		J
DU-1	SSAK4-02-0BPC	Dimethylphthalate	ug/kg	190	--	N	Y		J
DU-1	SSAK5-05-9BPC	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	1	--	Y	Y	UJK	JK
DU-1	SSAK5-05-9BPC	bis(2-Ethylhexyl)phthalate	ug/kg	95	--	N	Y		J
DU-1	SSAK5-05-9BPC	Octachlorodibenzo-p-dioxin	pg/g	2.8	--	Y	Y	UJK	JK
DU-1	SSAK6-03-3BPC	bis(2-Ethylhexyl)phthalate	ug/kg	83	--	N	Y		J
DU-1	SSAK8-02-1BPC	bis(2-Ethylhexyl)phthalate	ug/kg	110	--	Y	Y		J
DU-1	SSAK8-07-0BPC	bis(2-Ethylhexyl)phthalate	ug/kg	92	--	Y	Y	UJ	J
DU-1	SSAK8-07-0BPC	Dimethylphthalate	ug/kg	32	--	N	Y		J
DU-1	SSAK8-09-0BPC	bis(2-Ethylhexyl)phthalate	ug/kg	100	--	Y	Y	UJ	J
DU-1	SSAK8-09-0BPC	Dimethylphthalate	ug/kg	130	--	N	Y		J
DU-1	SSAL3-05-1BPC	Octachlorodibenzo-p-dioxin	pg/g	0.44	--	Y	Y	UJK	JK
DU-1	SSAL3-07-0BPC	bis(2-Ethylhexyl)phthalate	ug/kg	160	--	Y	Y	UJ	J
DU-1	SSAL3-07-0BPC	Dimethylphthalate	ug/kg	22	--	N	Y		J
DU-1	SSAL6-01-1BPC	Octachlorodibenzo-p-dioxin	pg/g	6.8	--	Y	Y	UJK	JK
DU-1	SSAL7-02-1BPC	2,3,7,8-Tetrachlorodibenzofuran	pg/g	0.22	--	Y	Y	UJK	JK
DU-1	SSAN5-04-0BPC	bis(2-Ethylhexyl)phthalate	ug/kg	99	--	Y	Y	UJ	J
DU-1	SSAN5-04-0BPC	Dimethylphthalate	ug/kg	33	--	N	Y		J
DU-1	SSAN6-03-0BPC	bis(2-Ethylhexyl)phthalate	ug/kg	390	--	Y	Y	UJ	J
DU-1	SSAN7-06-0.5BPC	Methylene Chloride	ug/kg	1.9	--	N	Y		J
DU-1	SSAN7-06-0BPC	Hexachlorobutadiene	ug/kg	0.45	--	N	Y		J
DU-1	SSAN7-06-0BPC	Methylene Chloride	ug/kg	0.94	--	N	Y		J
DU-1	SSAN7-07-0.5BPC	Methylene Chloride	ug/kg	1.3	--	N	Y		J
DU-1	SSAN7-07-0BPC	Methylene Chloride	ug/kg	1.3	--	N	Y		J
DU-1	SSAN8-07-0.5BPC	Methylene Chloride	ug/kg	0.5	--	N	Y		J
DU-1	SSAO4-01-0BPC	bis(2-Ethylhexyl)phthalate	ug/kg	100	--	Y	Y	UJ	J
DU-1	SSAO4-01-0BPC	Dimethylphthalate	ug/kg	29	--	N	Y		J
DU-1	SSAO7-02-1BPC	bis(2-Ethylhexyl)phthalate	ug/kg	140	--	N	Y		J
DU-1	SSAO7-04-0.5BPC	Methylene Chloride	ug/kg	0.82	--	N	Y		J
DU-1	SSAO7-04-0BPC	Hexachlorobutadiene	ug/kg	0.41	--	N	Y		J
DU-1	SSAO7-04-0BPC	Methylene Chloride	ug/kg	0.84	--	N	Y		J
DU-1	SSAO7-06-0.5BPC	Methylene Chloride	ug/kg	1.6	--	N	Y		J
DU-1	SSAO7-06-0BPC	bis(2-Ethylhexyl)phthalate	ug/kg	91	--	N	Y		J
DU-1	SSAO7-06-0BPC	Methylene Chloride	ug/kg	1.6	--	N	Y		J
DU-1	SSAO8-05-0.5BPC	Acetone	ug/kg	4.5	--	N	Y		J
DU-1	SSAO8-05-0.5BPC	Methylene Chloride	ug/kg	1.1	--	N	Y		J
DU-1	SSAO8-05-0BPC	bis(2-Ethylhexyl)phthalate	ug/kg	92	--	N	Y		J
DU-1	SSAO8-05-0BPC	Methylene Chloride	ug/kg	0.66	--	N	Y		J
DU-1	SSAO8-05-0BPC	Octachlorodibenzo-p-dioxin	pg/g	1	--	N	Y		J
DU-1	SSAO8-08-0.5BPC	Acetone	ug/kg	4.5	--	N	Y		J

TABLE C-5. Revisions of Censored Data for Blank Contamination
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample ID	Analyte	Units	Original Result	Corrected Result	Original Detection Flag	Corrected Detection Flag	Original Qualifier	Corrected Qualifier
DU-1	SSAO8-08-0.5BPC	Methylene Chloride	ug/kg	0.93	--	N	Y		J
DU-1	SSAO8-08-0BPC	bis(2-Ethylhexyl)phthalate	ug/kg	110	--	N	Y		J
DU-1	SSAO8-08-0BPC	Methylene Chloride	ug/kg	1.7	--	N	Y		J
DU-1	SSAP3-01-0BPC	bis(2-Ethylhexyl)phthalate	ug/kg	370	--	Y	Y	UJ	J
DU-2	SSAQ5-07-1BPC	Dimethylphthalate	ug/kg	130	--	N	Y		J
DU-2	SSAQ6-01-1BPC	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	0.65	--	Y	Y	UJ	J
DU-2	SSAQ6-01-1BPC	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/g	0.1	--	Y	Y	UJK	JK
DU-2	SSAQ6-01-1BPC	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/g	0.12	--	N	Y		J
DU-2	SSAQ6-01-2BPC	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/g	0.53	--	Y	Y	UJK	JK
DU-2	SSAQ6-01-2BPC	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g	0.13	--	Y	Y	UJK	JK
DU-2	SSAQ6-01-2BPC	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g	0.16	--	N	Y		J
DU-2	SSAQ6-01-2BPC	2,3,4,7,8-Pentachlorodibenzofuran	pg/g	0.21	--	N	Y		J
DU-2	SSAQ6-01-2BPC	Octachlorodibenzo-p-dioxin	pg/g	3.3	--	Y	Y	UJ	J
DU-3	TSB-GJ-02-0	Boron	mg/kg	20.7	7.3	N	Y		J
DU-3	TSB-GJ-02-0	Cadmium	mg/kg	0.1	0.071	N	Y		J
DU-3	TSB-GJ-02-0	Mercury	ug/kg	34.5	10	N	Y		J
DU-3	TSB-GJ-02-0	Molybdenum	mg/kg	1	0.43	N	Y		J
DU-3	TSB-GJ-02-0	Thallium	mg/kg	0.41	0.22	N	Y		J
DU-3	TSB-GJ-02-0	Tungsten	mg/kg	1	0.43	N	Y		J
DU-3	TSB-GJ-02-0 FD	Boron	mg/kg	21.3	6.7	N	Y		J
DU-3	TSB-GJ-02-0 FD	Cadmium	mg/kg	0.11	0.076	N	Y		J
DU-3	TSB-GJ-02-0 FD	Mercury	ug/kg	35.4	8.9	N	Y		J
DU-3	TSB-GJ-02-0 FD	Molybdenum	mg/kg	1.1	0.52	N	Y		J
DU-3	TSB-GJ-02-0 FD	Thallium	mg/kg	0.43	0.21	N	Y		J
DU-3	TSB-GJ-02-0 FD	Tungsten	mg/kg	1.1	0.38	N	Y		J
DU-2	TSB-GJ-03-0	Boron	mg/kg	20.2	5.3	N	Y		J
DU-2	TSB-GJ-03-0	Cadmium	mg/kg	0.1	0.081	N	Y		J
DU-2	TSB-GJ-03-0	Mercury	ug/kg	33.6	11.8	N	Y		J
DU-2	TSB-GJ-03-0	Methylene Chloride	ug/kg	5	3.1	N	Y	UJ	J
DU-2	TSB-GJ-03-0	Molybdenum	mg/kg	1	0.57	N	Y		J
DU-2	TSB-GJ-03-0	Thallium	mg/kg	0.4	0.16	N	Y		J
DU-2	TSB-GJ-03-0	Tungsten	mg/kg	1	0.31	N	Y		J
DU-2	TSB-GJ-04-0	Boron	mg/kg	21.7	6.7	N	Y		J
DU-2	TSB-GJ-04-0	Cadmium	mg/kg	0.11	0.077	N	Y		J
DU-2	TSB-GJ-04-0	Mercury	ug/kg	36.2	16.5	N	Y		J
DU-2	TSB-GJ-04-0	Molybdenum	mg/kg	1.1	0.59	N	Y		J
DU-2	TSB-GJ-04-0	Thallium	mg/kg	0.44	0.18	N	Y		J
DU-2	TSB-GJ-04-0	Tungsten	mg/kg	1.1	0.33	N	Y		J
DU-2	TSB-GJ-05-0	Boron	mg/kg	20.6	8.2	N	Y		J
DU-2	TSB-GJ-05-0	Cadmium	mg/kg	0.1	0.078	N	Y		J
DU-2	TSB-GJ-05-0	Mercury	ug/kg	34.4	17.4	N	Y		J
DU-2	TSB-GJ-05-0	Molybdenum	mg/kg	1	0.54	N	Y		J
DU-2	TSB-GJ-05-0	Thallium	mg/kg	0.41	0.17	N	Y		J

TABLE C-5. Revisions of Censored Data for Blank Contamination
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample ID	Analyte	Units	Original Result	Corrected Result	Original Detection Flag	Corrected Detection Flag	Original Qualifier	Corrected Qualifier
DU-2	TSB-GJ-05-0	Tungsten	mg/kg	1	0.33	N	Y		J
DU-2	TSB-GR-02-0	Boron	mg/kg	20.6	10.1	N	Y		J
DU-2	TSB-GR-02-0	Mercury	ug/kg	34.3	7.6	N	Y		J
DU-2	TSB-GR-02-0	Molybdenum	mg/kg	1	0.62	N	Y		J
DU-2	TSB-GR-02-0	Thallium	mg/kg	0.41	0.28	N	Y		J
DU-2	TSB-GR-02-0	Tungsten	mg/kg	1	0.73	N	Y		J
DU-2	TSB-GR-02-0 FD	Boron	mg/kg	21.2	6.9	N	Y		J
DU-2	TSB-GR-02-0 FD	Cadmium	mg/kg	0.11	0.1	N	Y		J
DU-2	TSB-GR-02-0 FD	Mercury	ug/kg	35.3	16.4	N	Y		J
DU-2	TSB-GR-02-0 FD	Molybdenum	mg/kg	1.1	0.52	N	Y		J
DU-2	TSB-GR-02-0 FD	Niobium	mg/kg	5.3	3	N	Y	UJ	J
DU-2	TSB-GR-02-0 FD	Thallium	mg/kg	0.42	0.21	N	Y		J
DU-2	TSB-GR-02-0 FD	Tungsten	mg/kg	1.1	0.36	N	Y		J

Notes:
-- = result value not revised
mg/kg = milligram per kilogram
ng/kg = nanogram per kilogram
pCi/g = picoCurie per gram
pg/g = picogram per gram
ug/kg = microgram per kilogram
DU = Ecological Decision Unit
N = Not detected
Y = Detected
J = The result is an estimated quantity. the associated numerical value is the approximate concentration of the analyte in the sample.
JK = The result is an estimated maximum possible concentration (dioxins and PCB congeners)
K = Qualified as estimated maximum possible concentration (dioxins and PCB congeners)
PCB = Polychlorinated biphenyl
U = Not detected
UJ = The nondetected analyte was qualified as estimated at the sample quantitation limit. The reported sample quantitation limit is approximate and may be inaccurate or imprecise.

APPENDIX C-6
DATA USABILITY EVALUATION SUMMARY

Table C-6 Data Usability Evaluation Summary

TABLE C-6: Data Usability Evaluation Summary

Nevada Environmental Response Trust Site

Henderson, Nevada

Data Usability Criterion *(description of criterion)*	**Evaluation Result**
I. Reports to the Risk Assessor *List all reports and dates and confirm that report(s) relied upon are complete and appropriate for use in the OU-1 Refined Screening Level Ecological Risk Assessment (SLERA)*	The work plans, reports, and Data Validation Summary Reports (DVSRs) for soil investigations completed within the OU-1 Refined SLERA Area are reported in the following documents. **Historical Investigations** *Upgradient Investigation (March 2006)* • Upgradient Investigation Work Plan Addendum (ENSR 2006a, approved by Nevada Division of Environmental Protection [NDEP] on February 22, 2006) • Upgradient Investigation Results (ENSR and AECOM 2006) • Data Validation Summary Report, Document No. 04020-023-152 and Associated Electronic Data Deliverable (EDD), Upgradient Investigation (Ramboll Environ 2017a, approved by NDEP on November 16, 2017) *Phase A Investigation (between November 1 and December 8, 2006)* • Phase A Work Plan (ENSR 2006b, approved by NDEP on October 26, 2006) • Phase A Source Area Investigation Results Report (ENSR 2007a, approved by NDEP on November 30, 2007) • Phase A DVSR (ENSR 2007b, approved by NDEP on December 17, 2007) *Phase B Investigation (between June 11 and July 11, 2008 and between June 2 and November 5, 2009)* • Phase B Work Plan Areas I-IV (AECOM 2008, approved by NDEP on January 16, 2009) • (A Phase B investigation results report was not identified.) • DVSR, Phase B Investigation Area I Soil (Northgate 2010a, approved by NDEP on January 20, 2010) • DVSR, Phase B Investigation Area II Soil (Northgate 2010b, approved by NDEP on February 18, 2010) • DVSR, Phase B Investigation Area III Soil (Northgate 2010c, approved by NDEP on March 17, 2010) • DVSR, Phase B Investigation Area IV Soil (Northgate 2010d, approved by NDEP on March 29, 2010)

TABLE C-6: Data Usability Evaluation Summary

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	Phase B Supplemental Investigation (between December 9 and December 22, 2009) • Phase B Scope for Additional Sampling Area I (Northgate 2009a, approved by NDEP on November 24, 2009) • Phase B Scope for Additional Sampling Area II (Northgate 2009b, approved by NDEP on December 11, 2009) • (A Phase B supplemental investigation results report was not identified.) • DVSR, Phase B Shallow Soil Supplemental Sampling Areas I and II (Neptune 2010, approved by NDEP on July 28, 2010) *Soil Removal Pre-Confirmation Sampling (between April 6 and November 12, 2010)* • Pre-Confirmation Sampling Work Plan (Northgate 2010e, approved by NDEP on March 30, 2010; A pre-confirmation sampling results report was not identified.) • DVSR, Pre-Confirmation Sampling Remediation Zone B (Northgate 2010f, approved by NDEP on August 20, 2010) • DVSR, Pre-Confirmation Sampling Remediation Zone C (Northgate 2010g, approved by NDEP on September 1, 2010) • DVSR, Pre-Confirmation Sampling Remediation Zone D (Northgate 2010h, approved by NDEP on October 8, 2010) • DVSR, Pre-Confirmation Sampling Remediation Zone E (Northgate 2010i, approved by NDEP, an approval letter was not identified[1]) • DVSR, Additional Pre-Confirmation Sampling (Northgate 2011, approved by NDEP on February 21, 2013) *Confirmation and Completion Sampling for the Soil Removal Action (between February 9 and August 31, 2011)* • Confirmation Soil Sampling Work Plan (ENVIRON 2011, approved by NDEP on May 12, 2011) • Interim Soil Removal Action Completion Report (ENVIRON 2012, approved by NDEP on December 17, 2012) • DVSR, Revision 4, February to August 2011 Soil Remediation Completion Sampling (Laboratory Data Consultants 2013, approved by NDEP on February 14, 2014)

[1] NDEP provided two minor comments on this DVSR on August 26, 2010, and Northgate resubmitted the DVSR and the electronic data deliverable on September 9, 2010 and October 11, 2010. The data from this DVSR were uploaded to the BMI database. Therefore, it is assumed that this DVSR was approved.

	Samples not included in the above investigations Samples at three locations (TSB-GJ-03, TSB-GJ-04, and TSB-GR-02), collected as part of the investigations of Parcels C, D, F, G, and H, map within the OU-1 Refined SLERA Area. These samples are now included in the OU-1 Refined SLERA Area data set. **Remedial Investigations** *Phase 1 Remedial Investigation (RI) (between October 23 and December 18, 2014) and Phase 2 RI (between February 22 and June 30, 2017)* • RI and Feasibility Study Work Plan (ENVIRON 2014a, approved by NDEP on July 2, 2014) • RI Data Evaluation Technical Memorandum (Ramboll Environ 2016, approved by NDEP on July 13, 2016) • OU-1 and OU-2 Remedial Investigation Report (Ramboll 2021a, under NDEP review) • DVSR, October through December 2014 Soil Remedial Investigation Sampling (Ramboll 2019a, approved by NDEP on May 30, 2019) • DVSR, Phase 2 Remedial Investigation, February through June 2017 Data (Ramboll 2019b, approved by NDEP on July 10, 2019) • DVSR, Phase 2 Remedial Investigation, March 2018 through March 2019 Data (Ramboll 2020a, approved by NDEP on April 9, 2020) **Soil Removal Action of Dioxin-Impacted Soil Near GW-11 Pond** • Work Plan and Soil Management Plan (SMP)-Required Contingency Plan, Pre-Excavation Sampling for Dioxin Soil Remediation (Ramboll 2018, approved by NDEP on August 24, 2018) • Soil Excavation Work Plan, SMP-Required Notifications and Contingency Plan – Dioxin Soil Remediation Area (Ramboll 2019c, approved by NDEP on January 14, 2019) • Report of Soil Removal Action, Dioxin Soil Remediation Area (Ramboll 2020b) • DVSR, Dioxin Impacted Soil Removal Action (Ramboll 2019d, approved by NDEP on December 19, 2019)

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	Overall, the available reports, and the accompanying laboratory reports and DVSRs, are considered complete for the OU-1 Refined SLERA purposes.
II. Documentation *Confirm that each analytical result is associated with a specific sample location and that the appropriate sampling procedure is documented.*	For this step, Ramboll reviewed the soil samples collected and reported in the documents listed under Criterion I and/or in the NERT project database. The following steps were then completed (presented in chronological order): • Identification of "removed" samples and re-assignment of sample depths: Following the manganese tailings and soil removal actions and the remediation of dioxin-impacted soil near GW-11 Pond, samples that had been collected within an excavated area were tagged in the Nevada Environmental Response Trust (NERT) project database as "removed." The "remaining" samples were reviewed, as follows: for each sample, the sample location and depth (as reported in the original investigation) were reviewed and the top and bottom depths were re-assigned, as needed, to reflect the post-excavation depth. The re-assignment was necessary because not all excavated areas were backfilled to original grade. For example, a sample with a pre-excavation top depth of 10 feet below ground surface (bgs) in an area for which soil was excavated to 8 feet bgs and then backfilled with five feet of clean soil, was reassigned a top depth of 7 feet bgs. • The geographic location of each "remaining" sample was confirmed relative to the current boundaries of the Operations Area, Excavation Control Areas (ECAs), and parcels. Samples located outside the OU-1 Refined SLERA Area were removed from the OU-1 Refined SLERA data set, and samples collected as part of a parcel investigation but actually located within the OU-1 Refined SLERA Area were added to the OU-1 Refined SLERA data set. • Confirmation of sampling procedures: As discussed in the work plans listed under Criterion I, all sample collection and handling procedures were consistent with the NDEP-approved Quality Assurance Project Plan (QAPP) (ENSR 2008, AECOM and Northgate 2009, ENVIRON 2014b, Ramboll Environ 2017b). Ramboll reviewed the chain-of-custody forms prepared in the field and compared them with the analytical data results provided by the laboratories to ensure completeness of the data set. The available information is adequate to relate each analytical result retained in the OU-1 Refined SLERA data set to a geographic location, depth interval, and sampling procedure.

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III. Data Sources *Confirmation that source areas are adequately sampled and that analytical methods are appropriate to identify COPECs and estimate EPCs.*	**Historical Investigations** Samples were collected in accordance with the work plans listed under Criterion I. Both judgmental and random sampling approaches were followed, with judgmental samples collected at Letter of Understanding areas (LOUs) that had been identified as source areas. Following each investigation, results were reviewed in consultation with NDEP and areas for additional sampling were identified. As part of the work plans and the QAPPs, the use of standard United States Environmental Protection Agency (USEPA) analytical methods (listed under Criterion IV) was approved by NDEP. Analyses were conducted by NDEP-certified laboratories for the classes of chemical compounds identified as site related chemicals, including chlorine oxyanions (chlorate and perchlorate), metals and other inorganics, radionuclides, dioxins/furans, organic acids, PCBs, OCPs, OPPs, SVOCs (including PAHs), and VOCs. **Remedial Investigation** As part of the ongoing RI/FS (ENVIRON 2014a, Ramboll Environ 2016, Ramboll 2021a), surface and subsurface soil samples were collected at the Site during Phase 1 and Phase 2 RI to address spatial data gaps identified through the review of available historical soil and groundwater data. Review of the analytical results indicates that these spatial data gaps have been addressed. The specific analyses conducted (chlorine oxyanions, metals and other inorganics, volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), organochlorine pesticides (OCPs), organophosphate pesticides (OPPs), polychlorinated biphenyls (PCBs), dioxins/furans, organic acids, and radionuclides) were identified based on the review of the historical sampling results. Analyses with standard USEPA analytical methods (listed under Criterion IV) were conducted by NDEP-certified laboratories. In summary, the review of sampling coverage from the refined SLERA data set is based on the distribution of sample locations from both historical and recent investigations. Sample coverage is considered adequate for purposes of the refined SLERA. The USEPA analytical methods are adequate for characterizing potential contaminants in soils and provide quantitative analytical results that are of adequate quality for deriving environmental point concentrations (EPCs).

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IV. Analytical Methods and Detection Limits *Confirm that analytical methods appropriately identify the chemical form or species and that the sample quantitation limit (SQL) is at or below a concentration appropriate for the OU-1 Refined SLERA.*	Standard analytical methods were used for all analyses as listed below. **Historical Investigations** • USEPA Method 6020 or 6010 (metals) • USEPA Method 7199 or 7196A (chromium VI) • USEPA Method 7471 (mercury) • USEPA Method 350.1 (ammonia) • USEPA Method 9056 or 300 (bromide, chloride, nitrate, ortho-phosphate, sulfate) • USEPA Method 365.1 or 6020 (phosphorus) • USEPA Method 9056, 300 or 300.1 (chlorate) • USEPA Method 9012A (cyanide [total]) • USEPA Method 300.1 (chlorite) • USEPA Method 300 (fluoride) • USEPA Method 9056 or 353.2 (nitrite) • USEPA Method 314.0 (perchlorate) • USEPA Method 8081 (OCPs) • USEPA Method 8082 (PCB Aroclors) • USEPA Method 1668A (PCB congeners) • USEPA Method 8290 or 8290 Screen (dioxins/furans) • DOE EML HASL 300 (Thorium [Th], Uranium [U]) • DOE EML HASL 300, USEPA Method 901.1, or USEPA Method 903.1 (Radium-226 [Ra-226]) • DOE EML HASL 300, USEPA Method 901.1, or USEPA Method 904.0 (Radium-228 [Ra-228])

	• USEPA Method 8141A (OPPs) • USEPA Method 8151 (herbicides) • USEPA Method 8260 (VOCs) • USEPA Method 8270 SIM or 8270 (SVOCs, including polycyclic aromatic hydrocarbons [PAHs]) • USEPA Method 8315A (formaldehyde) • HPLC-UV per Alpha (organic acids) **Remedial Investigation** • USEPA Method 6020 or 6010 (metals) • USEPA Method 7199 (chromium VI) • USEPA Method 7471 (mercury) • SM 4500 (ammonia) • USEPA Method 300 (bromide, chloride, nitrate, nitrite, ortho-phosphate, sulfate) • USEPA Method 300.1 (chlorate) • USEPA Method 314.0 (perchlorate) • USEPA Method 8081 (OCPs) • USEPA Method 8082 (PCB Aroclors) • USEPA Method 1668A (PCB congeners) • USEPA Method 8290 (dioxins/furans) • DOE EML HASL 300 (Th, U) • USEPA Method 903.0 (Ra-226) • USEPA Method 904.0 (Ra-228)

	• USEPA Method 8141A (OPPs) • USEPA Method 8260 (VOCs) • USEPA Method 8270 or 8270 SIM (SVOCs, including PAHs) • USEPA Method 8270 (organic acids) The above methods are acceptable to characterize the corresponding chemical groups in soil. The SQLs for analytes that were not detected in any samples were evaluated to confirm that they were sufficiently low for risk characterization (i.e., below ecological screening values [ESVs]). There were 171 analytes that were not detected in the OU-1 Operations Area dataset. Of these analytes, 74 had ESVs. For Parcel E, there were 175 analytes that were not detected, with 100 of these having ESVs. The evaluation of these non-detected chemicals against relevant ESVs is provided in Appendix J of the OU-1 Refined SLERA Report and discussed in the uncertainty section.
V. Data Review *Confirm that the quality of the analytical data is assessed by professionals knowledgeable in field collection procedures and analytical chemistry and that data quality is adequate to estimate EPCs.*	The laboratory results from historical investigations and the RI, were subjected to formal data validation consistent with USEPA guidelines (USEPA 1999, 2001, 2004, 2005a,b, 2008, 2009), the Black Mountain Industrial (BMI) Plant Site Specific Supplemental Guidance on Data Validation (NDEP 2009a), and Basic Remediation Company (BRC) Standard Operating Procedure (SOP) 40 and Data Review/Validation (BRC 2009). The USEPA guidelines, which were prepared for Contract Laboratory Program data, were adapted to reflect the analytical methods and measurement quality objectives established for the individual sampling events and NDEP guidance. The NDEP-approved DVSRs listed in Criterion I for soil data are available upon request and have been presented in prior risk assessments (e.g., Ramboll 2020c [Parcel E HRA], Ramboll 2021a [OU-1/OU-2 RI] and Ramboll 2021b *In Progress* [OU-1 Soil BHRA]). The DVSRs provide the names and qualifications of the reviewers, the specific data validation procedures, and the qualification findings. Each DVSR includes the following tabular summaries of the data qualifications: • Summary of data qualified due to holding time exceedances • Summary of data qualified due to detection below quantitation limit • Summary of data qualified due to laboratory blank contamination • Summary of data qualified due to field blank contamination • Summary of data qualified due to matrix spike (MS)/matrix spike duplicate (MSD) recovery exceedances

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	• Summary of data qualified due to laboratory control spike (LCS) recovery exceedances • Summary of data qualified due to field/laboratory duplicate • Summary of data qualified due to surrogate recovery exceedances • Summary of data qualified due to calibration violations • Summary of data qualified due to calibration range exceedances • Summary of data qualified due to internal standard recovery exceedances • Summary of data qualified due to serial dilutions • Summary of qualified data results • Summary of rejected data results These data qualifications are further discussed below as a component of Criterion VI.
VI. Data Quality Indicators (DQI) *Document that sampling and analysis DQIs are evaluated using criteria specific to the risk assessment.*	<u>Completeness</u> Completeness is defined as the percentage of acceptable sample results compared to the total number of sample results, which is evaluated to determine if an acceptable amount of usable data were obtained so that a valid scientific site assessment can be completed. The completeness goal stated in the QAPPs is 90% or greater. Completeness was reviewed as reported in the DVSR prepared for each individual investigation contributing to the refined SLERA data set. 99.9% completeness was achieved based on validated data, with 0.1% of the data qualified as rejected ("R" qualified). Rejected ("R" qualified) data associated with post-remediation soil samples with a starting depth less than 1-foot bgs in the Area are summarized in Appendix C, Table C-4. In summary, the completeness for the OU-1 Refined SLERA soil data meets the goal of 90% established in the QAPPs. Rejected data are excluded from the OU-1 Refined SLERA data set. Given the small percentage of rejected data, the removal of these results is not expected to have a significant impact on the spatial coverage of the OU-1 Refined SLERA data set.

Comparability

Comparability is a qualitative characteristic expressing the confidence with which one data set can be combined with another for purposes of estimating exposure. More specifically, comparability is a qualitative expression of the measure of confidence that two or more data sets may contribute to a common analysis. In general, comparability of data is maximized by using standard methods for sampling and analysis, reporting data, and data validation.

Soil samples identified for the refined SLERA were collected by different entities and analyzed by different analytical laboratories (and in some cases, different analytical methods were used for the same analyte); overall, the investigations from which data are being used span a period of more than 12 years. Different reporting limits for the same analyte may also impact the comparability of the data sets. SQLs for each analyte that were not detected in any sample but have ESVs are presented in Appendix J[2]. For most of the analytes, the SQLs are well below the ESV; therefore, different reporting limits for the same analyte would not affect the overall risk evaluation. There are a few analytes with SQLs exceeding ESVs, and their impacts on the overall risk evaluation are further discussed in the uncertainty section.

Of particular concern are possible differences between the refined SLERA data set and the BRC/Titanium Metals Corporation (TIMET) regional background soil data set (BRC and TIMET 2007) for both metals and radionuclides as a result of different sample preparation methods, modified (or different) analytical methods, and possible systematic differences among the internal laboratory SOPs. For example, the Operations Area quartile to quartile (Q-Q) plots for beryllium, palladium, phosphorus (total), and zirconium indicate that Operations Area concentrations are generally less than background (Appendix E, Figure E-2c). These observations indicate possible differences in the data sets, possibly associated with sample extraction, analytical methods, or other less-identifiable differences across the SOPs used by the different laboratories. For radionuclides, such issues were even more obvious, and may be important factors in explaining some of the radionuclide data anomalies. BRC/TIMET regional background samples were collected and analyzed in 2005 (before NDEP issued guidance for evaluating radionuclide data [NDEP 2009b]), while the refined SLERA dataset samples were collected and analyzed between 2006 and 2018, i.e., both before and after NDEP issued guidance for evaluating radionuclide data [NDEP 2009b]). Over this time period, samples were submitted for analysis to different analytical laboratories and analyzed using different preparation and analytical methods.

Representativeness

Representativeness is the degree to which data accurately and precisely represent a characteristic of the population at a sampling point or an environmental condition. There is no standard method or formula for evaluating representativeness, which is a qualitative term. Spatial representativeness is achieved through selection of sampling locations that are appropriate relative to the objective of the specific investigation, and by collection of an adequate number of samples from locations identified in relation to the investigation objectives. Concentration representativeness is achieved by obtaining analytical results of sufficient quality, as specified in the QAPPs.

	Spatial representativeness was discussed previously under Criterion III. As noted, both judgmental and random sampling approaches were followed, with judgmental samples collected at LOUs that had been identified as source areas, ensuring that the post-excavation data provide a conservative representation of current conditions within the OU-1 Refined SLERA Area in the context of the conceptual site model (CSM). The objectives of the sampling programs were met, considering the phased approach used to delineate contaminated areas. As presented in the DVSRs listed under Criterion I, standard methods for sampling and analysis were used for all the investigations, which confirmed that the analytical data are representative of the soil concentrations at the locations sampled. <u>Precision</u> Precision is a measure of the degree of agreement between replicate measurements of the same source (field precision) or sample (analytical precision). Field precision is evaluated by calculating the relative percent difference (RPD) between the primary field sample and its field duplicate. Laboratory precision is quantitated for each laboratory data batch by calculating the RPD using data for the laboratory control spike/laboratory control spike duplicate and/or data for the matrix spike/matrix spike duplicate. The field precision goal established in the QAPPs is a RPD of less than or equal to 50%, except for the case in which one (or both) of the primary or duplicate result is less than five times the PQL. For the latter case, the acceptance criteria is the PQL (i.e., the absolute value of the difference between the primary and duplicate result is less than or equal to the PQL). Laboratory precision goals are defined for specific analytical methods, as indicated in the QAPP (see Table 2 of ENVIRON [2014b]). <u>Accuracy</u> Accuracy measures the level of bias that an analytical method or measurement exhibits. Both field accuracy and laboratory accuracy are evaluated under this DQI. Accuracy in the field is assessed through the use of trip and equipment blanks and through adherence to all sample handling, preservation, and holding time requirements. As specified in the QAPPs, the objective for trip and equipment blanks is for no analyte to be present at levels greater than the practical quantitation limit (PQL). Accuracy in the laboratory analytical data is a measure of the overestimation or

[2] Based on NDEP (2008), the uncensored data for radionuclides were used in the OU-1 Refined SLERA; therefore, the detection frequency for radionuclides is 100% and radionuclide data are not included in Appendix J.

	underestimation of reported concentrations. Several quality control (QC) parameters are used to evaluate the accuracy of reported analytical results, including: • Holding times; • Field and laboratory blanks; • Matric spike/Matrix spike duplicate percent recovery; • Surrogate spike recovery; and • Laboratory control spike/Laboratory spike duplicate percent recovery. All data used in the OU-1 Refined SLERA and associated qualifiers (i.e., U, J, J-, and J+) are presented in Appendix D, Table D-1, and the reasons for these data qualifiers are summarized in the DVSRs. Although laboratory limits were exceeded for certain compounds or analyses, as identified by the laboratory (and confirmed during data validation), there does not appear to be a systematic or widespread impact on the quality of the analytical results. Furthermore, based on a review of the laboratory narratives (provided in the laboratory reports in each DVSR), the laboratory does not believe that the observed exceedances of laboratory criteria are a cause for concern. Therefore, the qualified data are determined to be usable and valid for purposes of the OU-1 Refined SLERA and are included in the OU-1 Refined SLERA data set. Data collected before 2012 and associated with field and laboratory blank contamination were originally qualified as nondetected values based on the NDEP guidance at that time. As requested by NDEP and in accordance with the most recent guidance (NDEP 2012) for evaluating data associated with blank contamination, where possible, Ramboll queried the censored data for blank contamination from the project database, and changed them from nondetected values (U qualified) to detected values at reported concentrations (J qualified), if there were detections between the SQL and the PQL. The revisions of censored data for blank contamination are summarized in Appendix C, Table C-5. Ramboll evaluated the data and determined that the impacts on overall risk due to blank contamination is minimal. In summary, with the exception of the rejected data, all data are acceptable through the DQI evaluation and deemed to be usable for risk assessment purposes.

Notes:

AECOM	AECOM, Inc.
AP	Ammonium perchlorate
bgs	Below ground surface
BHRA	Baseline health risk assessment
BMI	Black Mountain Industrial
BRC	Basic Remediation Company
CSM	Conceptual site model
DQI	Data quality indicator
DVSR	Data validation summary report
ECA	Excavation control area
EDD	Electronic data deliverable
ENSR	ENSR Corporation
ENVIRON	ENVIRON International Corporation
EPC	Environmental point concentration
ESV	Ecological screening value
GW	Groundwater
LOU	Letter of understanding
NDEP	Nevada Division of Environmental Protection
Neptune	Neptune and Company, Inc.
NERT	Nevada Environmental Response Trust
Northgate	Northgate Environmental Management Inc.
OCP	Organochlorine pesticide
OPP	Organophosphate pesticide

OU	Operable unit
PAHs	Polycyclic aromatic hydrocarbons
PCB	Polychlorinated biphenyl
PQL	Practical quantitation limit
QAPP	Quality Assurance Project Plan
QC	Quality control
RI	Remedial Investigation
RPD	Relative percent difference
SLERA	Screening level risk assessment
SMP	Soil management plan
SOP	Standard Operating Procedure
SQL	Sample quantitation limit
SVOC	Semivolatile organic compound
USEPA	United States Environmental Protection Agency
VOC	Volatile organic compound

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Northgate. 2010i. Data Validation Summary Report, Pre-Confirmation Sampling Remediation Zone E, Tronox LLC, Henderson, Nevada. August 3. [*A NDEP approval letter was not identified. NDEP provided two minor comments on this DVSR on August 26, 2010, and Northgate resubmitted the DVSR and the electronic data deliverable on September 9, 2010 and October 11, 2010. The data from this DVSR were uploaded to the BMI database. Therefore, it is assumed that this DVSR was approved.*]

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APPENDIX D
ANALYTICAL DATA USED IN THE OU-1 REFINED SLERA

D-1 Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides

D-2 Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters

D-3 Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations

D-4 Operations Area and Parcel E PCB Homolog Calculations

D-5 Operations Area and Parcel E Aroclor Calculations

D-6 Operations Area and Parcel E PAH Calculations

D-7 Operations Area and Parcel E DDx Calculations

APPENDIX D-1
OPERATIONS AREA AND PARCEL E SLERA DATASET FOR INDIVIDUAL CHEMICALS AND RADIONUCLIDES

Table D-1 Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00072	0.00072	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000024	0.000024	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00028	0.00028	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000021	0.000021	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000095	0.000095	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000031	0.0000031	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000076	0.000076	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000063	0.0000063	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000048	0.0000048	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000051	0.000051	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000044	0.0000044	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000028	0.000028	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000029	0.000029	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000014	0.0000014	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	General Chemistry	Moisture	MOIST	7.6	7.6	percent	Y		ASTM 2216
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	General Chemistry	Moisture	MOIST	5.3	5.3	percent	Y		ASTM 2216
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	General Chemistry	Total Solids	RESTOT	92	92	percent	Y		ASTM 2216
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	OCPs	Hexachlorobenzene	118-74-1	0.031		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.043		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	PAHs	Fluoranthene	206-44-0	0.039		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	PAHs	Naphthalene	91-20-3	0.033		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	SVOCs	1,4-Dioxane	123-91-1	0.071		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.049		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.046		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	SVOCs	Octachlorostyrene	29082-74-4	0.061		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00089	0.00089	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000029	0.000029	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00034	0.00034	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000026	0.000026	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000036	0.0000036	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000091	0.000091	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000073	0.0000073	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000017	0.000017	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000006	0.000006	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000068	0.000068	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000047	0.0000047	mg/kg	Y	JK	EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00002	0.00002	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000035	0.000035	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000035	0.000035	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000016	0.0000016	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	General Chemistry	Moisture	MOIST	5.1	5.1	percent	Y		ASTM 2216
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	General Chemistry	Moisture	MOIST	7	7	percent	Y		ASTM 2216
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	General Chemistry	Total Solids	RESTOT	93	93	percent	Y		ASTM 2216
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	OCPs	Hexachlorobenzene	118-74-1	0.031		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.042		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	PAHs	Fluoranthene	206-44-0	0.038		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	PAHs	Naphthalene	91-20-3	0.033		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	SVOCs	1,4-Dioxane	123-91-1	0.07		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.049		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.046		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	SVOCs	Octachlorostyrene	29082-74-4	0.06		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00082	0.00082	mg/kg	Y	J	EPA 8290
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000024	0.000024	mg/kg	Y	J	EPA 8290
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00029	0.00029	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000022	0.000022	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000032	0.0000032	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000075	0.000075	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000006	0.000006	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000015	0.000015	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000056	0.0000056	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000053	0.000053	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000038	0.0000038	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00003	0.00003	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000025	0.000025	mg/kg	Y		EPA 8290
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000001	0.000001	mg/kg	Y	JK	EPA 8290
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	General Chemistry	Moisture	MOIST	7.1	7.1	percent	Y		ASTM 2216
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	General Chemistry	Moisture	MOIST	5.7	5.7	percent	Y		ASTM 2216
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	General Chemistry	Total Solids	RESTOT	93	93	percent	Y		ASTM 2216
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	OCPs	Hexachlorobenzene	118-74-1	0.04	0.04	mg/kg	Y	J	EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.043		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	PAHs	Fluoranthene	206-44-0	0.039		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	PAHs	Naphthalene	91-20-3	0.033		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	SVOCs	1,4-Dioxane	123-91-1	0.071		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.049		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.046		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	SVOCs	Octachlorostyrene	29082-74-4	0.061		mg/kg	N		EPA 8270C
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.022	0.022	mg/kg	Y	J	EPA 8290
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00053	0.00053	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0078	0.0078	mg/kg	Y	J	EPA 8290
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0006	0.0006	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0037	0.0037	mg/kg	Y	J	EPA 8290
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0032	0.0032	mg/kg	Y	J	EPA 8290
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0021	0.0021	mg/kg	Y	J	EPA 8290
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00019	0.00019	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00034	0.00034	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0017	0.0017	mg/kg	Y	J	EPA 8290
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0004	0.0004	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00088	0.00088	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00085	0.00085	mg/kg	Y	J	EPA 8290
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000034	0.000034	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	General Chemistry	Moisture	MOIST	4.6	4.6	percent	Y		ASTM 2216
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	General Chemistry	Moisture	MOIST	6.8	6.8	percent	Y		ASTM 2216
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	General Chemistry	Total Solids	RESTOT	93	93	percent	Y		ASTM 2216
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	OCPs	Hexachlorobenzene	118-74-1	0.031	0.031	mg/kg	Y	J	EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.027		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.042		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	PAHs	Fluoranthene	206-44-0	0.037		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	SVOCs	1,4-Dioxane	123-91-1	0.068		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.048		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.045		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	SVOCs	Octachlorostyrene	29082-74-4	0.059		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.01	0.01	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00022	0.00022	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.003	0.003	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00022	0.00022	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0014	0.0014	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0011	0.0011	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00004	0.00004	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0007	0.0007	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000066	0.000066	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00006	0.00006	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00054	0.00054	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000047	0.000047	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0003	0.0003	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0003	0.0003	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	General Chemistry	Moisture	MOIST	6	6	percent	Y		ASTM 2216
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	General Chemistry	Moisture	MOIST	8.6	8.6	percent	Y		ASTM 2216
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	General Chemistry	Total Solids	RESTOT	91	91	percent	Y		ASTM 2216
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	OCPs	Hexachlorobenzene	118-74-1	0.04	0.04	mg/kg	Y	J	EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	PAHs	2-Methylnaphthalene	91-57-6	0.021		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	PAHs	Benzo(a)anthracene	56-55-3	0.022		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	PAHs	Benzo(a)pyrene	50-32-8	0.022		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.043		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	PAHs	Fluoranthene	206-44-0	0.039		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	PAHs	Naphthalene	91-20-3	0.034		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	SVOCs	1,4-Dioxane	123-91-1	0.071		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.05		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.047		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	SVOCs	Octachlorostyrene	29082-74-4	0.062		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0067	0.0067	mg/kg	Y	J	EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00018	0.00018	mg/kg	Y	J	EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0025	0.0025	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00018	0.00018	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0012	0.0012	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0011	0.0011	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00003	0.00003	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00067	0.00067	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000057	0.000057	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00005	0.00005	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00053	0.00053	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000046	0.000046	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00027	0.00027	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00031	0.00031	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	General Chemistry	Moisture	MOIST	6.2	6.2	percent	Y		ASTM 2216
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	General Chemistry	Moisture	MOIST	7.1	7.1	percent	Y		ASTM 2216
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	General Chemistry	Total Solids	RESTOT	93	93	percent	Y		ASTM 2216
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	OCPs	Hexachlorobenzene	118-74-1	0.052	0.052	mg/kg	Y	J	EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.042		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	PAHs	Fluoranthene	206-44-0	0.038		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	PAHs	Naphthalene	91-20-3	0.033		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	SVOCs	1,4-Dioxane	123-91-1	0.07		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.049		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.046		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	SVOCs	Octachlorostyrene	29082-74-4	0.06		mg/kg	N		EPA 8270C
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	General Chemistry	Moisture	MOIST	8.3	8.3	percent	Y		ASTM 2216
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	General Chemistry	Total Solids	RESTOT	92	92	percent	Y		ASTM 2216
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	Metals	Arsenic	7440-38-2	3.1	3.1	mg/kg	Y		EPA 6020
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	Metals	Manganese	7439-96-5	310	310	mg/kg	Y		EPA 6020
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	4,4'-DDD	72-54-8	0.00059		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	4,4'-DDE	72-55-9	0.00026		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	4,4'-DDT	50-29-3	0.00064		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	Aldrin	309-00-2	0.00027		mg/kg	N		EPA 8081A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	alpha-BHC	319-84-6	0.00023		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	alpha-Chlordane	5103-71-9	0.00035		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	beta-BHC	319-85-7	0.00093	0.00093	mg/kg	Y	J	EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	Chlordane (total)	57-74-9	0.00023		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	delta-BHC	319-86-8	0.00043		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	Dieldrin	60-57-1	0.00023		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	Endosulfan I	959-98-8	0.00019		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	Endosulfan II	33213-65-9	0.00031		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	Endosulfan sulfate	1031-07-8	0.0003		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	Endrin	72-20-8	0.00033		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	Endrin aldehyde	7421-93-4	0.00019		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	Endrin ketone	53494-70-5	0.00053		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	gamma-BHC	58-89-9	0.0005		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	gamma-Chlordane	5103-74-2	0.00029		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	Heptachlor	76-44-8	0.00023		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	Heptachlor epoxide	1024-57-3	0.00046		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	Hexachlorobenzene	118-74-1	0.0011	0.0011	mg/kg	Y	J	EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	Methoxychlor	72-43-5	0.00049		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	Toxaphene	8001-35-2	0.017		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	General Chemistry	Moisture	MOIST	8.1	8.1	percent	Y		ASTM 2216
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	General Chemistry	Total Solids	RESTOT	92	92	percent	Y		ASTM 2216
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	Metals	Arsenic	7440-38-2	4.2	4.2	mg/kg	Y		EPA 6020
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	Metals	Manganese	7439-96-5	430	430	mg/kg	Y		EPA 6020
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	4,4'-DDD	72-54-8	0.00058		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	4,4'-DDE	72-55-9	0.00025		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	4,4'-DDT	50-29-3	0.00062		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	Aldrin	309-00-2	0.00026		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	alpha-BHC	319-84-6	0.00023		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	alpha-Chlordane	5103-71-9	0.00034		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	beta-BHC	319-85-7	0.0029	0.0029	mg/kg	Y		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	Chlordane (total)	57-74-9	0.00023		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	delta-BHC	319-86-8	0.00042		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	Dieldrin	60-57-1	0.00022		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	Endosulfan I	959-98-8	0.00019		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	Endosulfan II	33213-65-9	0.0003		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	Endosulfan sulfate	1031-07-8	0.00029		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	Endrin	72-20-8	0.00032		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	Endrin aldehyde	7421-93-4	0.00018		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	Endrin ketone	53494-70-5	0.00052		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	gamma-BHC	58-89-9	0.00049		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	gamma-Chlordane	5103-74-2	0.00028		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	Heptachlor	76-44-8	0.00023		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	Heptachlor epoxide	1024-57-3	0.00045		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	Hexachlorobenzene	118-74-1	0.00032	0.00032	mg/kg	Y	J	EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	Methoxychlor	72-43-5	0.00047		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	Toxaphene	8001-35-2	0.017		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	General Chemistry	Moisture	MOIST	4.4	4.4	percent	Y		ASTM 2216
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	General Chemistry	Total Solids	RESTOT	96	96	percent	Y		ASTM 2216
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	Metals	Arsenic	7440-38-2	3	3	mg/kg	Y		EPA 6020
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	Metals	Manganese	7439-96-5	390	390	mg/kg	Y		EPA 6020
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	4,4'-DDD	72-54-8	0.00057		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	4,4'-DDE	72-55-9	0.00025		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	4,4'-DDT	50-29-3	0.00061		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	Aldrin	309-00-2	0.00026		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	alpha-BHC	319-84-6	0.00022		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	alpha-Chlordane	5103-71-9	0.00033		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	beta-BHC	319-85-7	0.00072	0.00072	mg/kg	Y	J	EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	Chlordane (total)	57-74-9	0.00022		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	delta-BHC	319-86-8	0.00042		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	Dieldrin	60-57-1	0.00022		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	Endosulfan I	959-98-8	0.00018		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	Endosulfan II	33213-65-9	0.0003		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	Endosulfan sulfate	1031-07-8	0.00029		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	Endrin	72-20-8	0.00032		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	Endrin aldehyde	7421-93-4	0.00018		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	Endrin ketone	53494-70-5	0.00051		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	gamma-BHC	58-89-9	0.00048		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	gamma-Chlordane	5103-74-2	0.00028		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	Heptachlor	76-44-8	0.00022		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	Heptachlor epoxide	1024-57-3	0.00044		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	Hexachlorobenzene	118-74-1	0.021	0.021	mg/kg	Y	J	EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	Methoxychlor	72-43-5	0.00047		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	Toxaphene	8001-35-2	0.016		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	General Chemistry	Moisture	MOIST	4.2	4.2	percent	Y		ASTM 2216

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	General Chemistry	Total Solids	RESTOT	96	96	percent	Y		ASTM 2216
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	Metals	Arsenic	7440-38-2	2.9	2.9	mg/kg	Y		EPA 6020
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	Metals	Manganese	7439-96-5	430	430	mg/kg	Y		EPA 6020
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	4,4'-DDD	72-54-8	0.00054		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	4,4'-DDE	72-55-9	0.00024		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	4,4'-DDT	50-29-3	0.00059		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	Aldrin	309-00-2	0.00025		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	alpha-BHC	319-84-6	0.00021		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	alpha-Chlordane	5103-71-9	0.00032		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	beta-BHC	319-85-7	0.00066		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	Chlordane (total)	57-74-9	0.00021		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	delta-BHC	319-86-8	0.0004		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	Dieldrin	60-57-1	0.00021		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	Endosulfan I	959-98-8	0.00017		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	Endosulfan II	33213-65-9	0.00029		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	Endosulfan sulfate	1031-07-8	0.00027		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	Endrin	72-20-8	0.0003		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	Endrin aldehyde	7421-93-4	0.00017		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	Endrin ketone	53494-70-5	0.00049		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	gamma-BHC	58-89-9	0.00046		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	gamma-Chlordane	5103-74-2	0.00026		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	Heptachlor	76-44-8	0.00021		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	Heptachlor epoxide	1024-57-3	0.00042		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	Hexachlorobenzene	118-74-1	0.0092	0.0092	mg/kg	Y	J	EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	Methoxychlor	72-43-5	0.00045		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	Toxaphene	8001-35-2	0.016		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	General Chemistry	Moisture	MOIST	6.5	6.5	percent	Y		ASTM 2216
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	General Chemistry	Total Solids	RESTOT	93	93	percent	Y		ASTM 2216
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	Metals	Arsenic	7440-38-2	2.8	2.8	mg/kg	Y		EPA 6020
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	Metals	Manganese	7439-96-5	380	380	mg/kg	Y		EPA 6020
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	4,4'-DDD	72-54-8	0.00058		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	4,4'-DDE	72-55-9	0.00062	0.00062	mg/kg	Y	J	EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	4,4'-DDT	50-29-3	0.00063		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	Aldrin	309-00-2	0.00027		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	alpha-BHC	319-84-6	0.00023		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	alpha-Chlordane	5103-71-9	0.00035		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	beta-BHC	319-85-7	0.001	0.001	mg/kg	Y	J	EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	Chlordane (total)	57-74-9	0.00023		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	delta-BHC	319-86-8	0.00043		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	Dieldrin	60-57-1	0.00022		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	Endosulfan I	959-98-8	0.00019		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	Endosulfan II	33213-65-9	0.00031		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	Endosulfan sulfate	1031-07-8	0.0003		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	Endrin	72-20-8	0.00033		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	Endrin aldehyde	7421-93-4	0.00018		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	Endrin ketone	53494-70-5	0.00052		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	gamma-BHC	58-89-9	0.0005		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	gamma-Chlordane	5103-74-2	0.00028		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	Heptachlor	76-44-8	0.00023		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	Heptachlor epoxide	1024-57-3	0.00046		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	Hexachlorobenzene	118-74-1	0.0099	0.0099	mg/kg	Y		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	Methoxychlor	72-43-5	0.00048		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	Toxaphene	8001-35-2	0.017		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	General Chemistry	Moisture	MOIST	7.4	7.4	percent	Y		ASTM 2216
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	General Chemistry	Total Solids	RESTOT	93	93	percent	Y		ASTM 2216
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	Metals	Arsenic	7440-38-2	3	3	mg/kg	Y		EPA 6020
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	Metals	Manganese	7439-96-5	340	340	mg/kg	Y		EPA 6020
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	4,4'-DDD	72-54-8	0.00058		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	4,4'-DDE	72-55-9	0.00025		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	4,4'-DDT	50-29-3	0.00062		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	Aldrin	309-00-2	0.00027		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	alpha-BHC	319-84-6	0.00023		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	alpha-Chlordane	5103-71-9	0.00034		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	beta-BHC	319-85-7	0.0007		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	Chlordane (total)	57-74-9	0.00023		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	delta-BHC	319-86-8	0.00042		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	Dieldrin	60-57-1	0.00022		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	Endosulfan I	959-98-8	0.00019		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	Endosulfan II	33213-65-9	0.0003		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	Endosulfan sulfate	1031-07-8	0.00029		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	Endrin	72-20-8	0.00032		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	Endrin aldehyde	7421-93-4	0.00018		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	Endrin ketone	53494-70-5	0.00052		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	gamma-BHC	58-89-9	0.00049		mg/kg	N		EPA 8081A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	gamma-Chlordane	5103-74-2	0.00028		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	Heptachlor	76-44-8	0.00023		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	Heptachlor epoxide	1024-57-3	0.00045		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	Hexachlorobenzene	118-74-1	0.0003		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	Methoxychlor	72-43-5	0.00048		mg/kg	N		EPA 8081A
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	Toxaphene	8001-35-2	0.017		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	General Chemistry	Moisture	MOIST	4.7	4.7	percent	Y		ASTM 2216
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	General Chemistry	Total Solids	RESTOT	95	95	percent	Y		ASTM 2216
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	Metals	Arsenic	7440-38-2	3.8	3.8	mg/kg	Y		EPA 6020
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	Metals	Manganese	7439-96-5	410	410	mg/kg	Y		EPA 6020
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	4,4'-DDD	72-54-8	0.00053		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	4,4'-DDE	72-55-9	0.003	0.003	mg/kg	Y		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	4,4'-DDT	50-29-3	0.00091	0.00091	mg/kg	Y	J	EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	Aldrin	309-00-2	0.00024		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	alpha-BHC	319-84-6	0.00021		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	alpha-Chlordane	5103-71-9	0.00031		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	beta-BHC	319-85-7	0.00064		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	Chlordane (total)	57-74-9	0.00021		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	delta-BHC	319-86-8	0.00039		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	Dieldrin	60-57-1	0.0002		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	Endosulfan I	959-98-8	0.00017		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	Endosulfan II	33213-65-9	0.00028		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	Endosulfan sulfate	1031-07-8	0.00027		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	Endrin	72-20-8	0.00029		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	Endrin aldehyde	7421-93-4	0.00016		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	Endrin ketone	53494-70-5	0.00047		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	gamma-BHC	58-89-9	0.00045		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	gamma-Chlordane	5103-74-2	0.00026		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	Heptachlor	76-44-8	0.00021		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	Heptachlor epoxide	1024-57-3	0.00041		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	Hexachlorobenzene	118-74-1	0.00059	0.00059	mg/kg	Y	J	EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	Methoxychlor	72-43-5	0.00043		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	Toxaphene	8001-35-2	0.015		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	General Chemistry	Moisture	MOIST	4.7	4.7	percent	Y		ASTM 2216
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	General Chemistry	Total Solids	RESTOT	95	95	percent	Y		ASTM 2216
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	Metals	Arsenic	7440-38-2	2.9	2.9	mg/kg	Y		EPA 6020
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	Metals	Manganese	7439-96-5	410	410	mg/kg	Y		EPA 6020
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	4,4'-DDD	72-54-8	0.00057		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	4,4'-DDE	72-55-9	0.0059	0.0059	mg/kg	Y		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	4,4'-DDT	50-29-3	0.0023	0.0023	mg/kg	Y		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	Aldrin	309-00-2	0.00026		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	alpha-BHC	319-84-6	0.00022		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	alpha-Chlordane	5103-71-9	0.00034		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	beta-BHC	319-85-7	0.00069		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	Chlordane (total)	57-74-9	0.00022		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	delta-BHC	319-86-8	0.00042		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	Dieldrin	60-57-1	0.00022		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	Endosulfan I	959-98-8	0.00018		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	Endosulfan II	33213-65-9	0.0003		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	Endosulfan sulfate	1031-07-8	0.00029		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	Endrin	72-20-8	0.00032		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	Endrin aldehyde	7421-93-4	0.00018		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	Endrin ketone	53494-70-5	0.00051		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	gamma-BHC	58-89-9	0.00048		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	gamma-Chlordane	5103-74-2	0.00028		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	Heptachlor	76-44-8	0.00022		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	Heptachlor epoxide	1024-57-3	0.00044		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	Hexachlorobenzene	118-74-1	0.0012	0.0012	mg/kg	Y	J	EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	Methoxychlor	72-43-5	0.00047		mg/kg	N		EPA 8081A
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	Toxaphene	8001-35-2	0.016		mg/kg	N		EPA 8081A
DU-1	CS-C01-2	CS-C01-2	0.5-0.5	N	--	4/20/2011	General Chemistry	Moisture	MOIST	3.6	3.6	percent	Y		ASTM 2216
DU-1	CS-C01-2	CS-C01-2	0.5-0.5	N	--	4/20/2011	Metals	Arsenic	7440-38-2	2.7	2.7	mg/kg	Y	J-	EPA 6020
DU-1	CS-C01-2	CS-C01-2	0.5-0.5	N	--	4/20/2011	Metals	Magnesium	7439-95-4	8190	8190	mg/kg	Y		EPA 6010B
DU-1	CS-C01-2	CS-C01-2	0.5-0.5	N	--	4/20/2011	Metals	Manganese	7439-96-5	440	440	mg/kg	Y		EPA 6010B
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00005	0.00005	mg/kg	Y	J	EPA 8290
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000026	0.0000026	mg/kg	Y	J	EPA 8290
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000019	0.000019	mg/kg	Y	J	EPA 8290
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000015	0.0000015	mg/kg	Y	J	EPA 8290
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000066	0.0000066	mg/kg	Y	J	EPA 8290
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000078	0.0000078	mg/kg	Y	J	EPA 8290
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000021	0.00000021	mg/kg	Y	J	EPA 8290
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000051	0.0000051	mg/kg	Y	J	EPA 8290
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000048	0.00000048	mg/kg	Y	J	EPA 8290
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000086	0.00000086	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000043	0.00000043	mg/kg	Y	J	EPA 8290
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000036	0.0000036	mg/kg	Y	J	EPA 8290
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000028	0.00000028	mg/kg	Y	J	EPA 8290
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000011	0.0000011	mg/kg	Y	J	EPA 8290
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000019	0.0000019	mg/kg	Y	J	EPA 8290
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000016	0.0000016	mg/kg	Y	J	EPA 8290
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000098	0.000000098	mg/kg	Y	JK	EPA 8290
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	General Chemistry	Moisture	MOIST	1.8	1.8	percent	Y		ASTM 2216
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	Metals	Magnesium	7439-95-4	9060	9060	mg/kg	Y		EPA 6010B
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	OCPs	Hexachlorobenzene	118-74-1	0.00048	0.00048	mg/kg	Y	J	EPA 8081
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000095	0.000095	mg/kg	Y		EPA 8290
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000047	0.0000047	mg/kg	Y	J	EPA 8290
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000033	0.000033	mg/kg	Y		EPA 8290
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000026	0.0000026	mg/kg	Y	J	EPA 8290
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000027	0.00000027	mg/kg	Y	J	EPA 8290
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000084	0.0000084	mg/kg	Y		EPA 8290
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000069	0.00000069	mg/kg	Y	J	EPA 8290
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000015	0.0000015	mg/kg	Y	J	EPA 8290
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000061	0.00000061	mg/kg	Y	J	EPA 8290
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000059	0.0000059	mg/kg	Y	J	EPA 8290
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000053	0.00000053	mg/kg	Y	J	EPA 8290
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000017	0.0000017	mg/kg	Y	J	EPA 8290
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000034	0.0000034	mg/kg	Y	J	EPA 8290
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000026	0.0000026	mg/kg	Y	J	EPA 8290
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000025	0.00000025	mg/kg	Y	JK	EPA 8290
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	General Chemistry	Moisture	MOIST	2.7	2.7	percent	Y		ASTM 2216
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	Metals	Arsenic	7440-38-2	2.8	2.8	mg/kg	Y	J-	EPA 6020
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	Metals	Magnesium	7439-95-4	6830	6830	mg/kg	Y		EPA 6010B
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	OCPs	Hexachlorobenzene	118-74-1	0.015	0.015	mg/kg	Y		EPA 8081
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	Chlorine Oxyanions	Perchlorate	14797-73-0	134	134	mg/kg	Y		EPA 314.0
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00039	0.00039	mg/kg	Y		EPA 8290
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000054	0.000054	mg/kg	Y		EPA 8290
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00007	0.00007	mg/kg	Y		EPA 8290
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000002	0.000002	mg/kg	Y	JK	EPA 8290
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000034	0.000034	mg/kg	Y		EPA 8290
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000045	0.0000045	mg/kg	Y	J	EPA 8290
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000005	0.000005	mg/kg	Y	J	EPA 8290
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000039	0.0000039	mg/kg	Y	JK	EPA 8290
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000029	0.000029	mg/kg	Y		EPA 8290
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000033	0.0000033	mg/kg	Y	J	EPA 8290
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000095	0.0000095	mg/kg	Y		EPA 8290
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000017	0.000017	mg/kg	Y		EPA 8290
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000091	0.00000091	mg/kg	Y	JK	EPA 8290
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	General Chemistry	Moisture	MOIST	4.2	4.2	percent	Y		ASTM 2216
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	Metals	Arsenic	7440-38-2	2.4	2.4	mg/kg	Y		EPA 6020
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	Metals	Magnesium	7439-95-4	11000	11000	mg/kg	Y		EPA 6010B
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	OCPs	Hexachlorobenzene	118-74-1	0.094		mg/kg	N	U	EPA 8270C
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Chlorine Oxyanions	Perchlorate	14797-73-0	98.2	98.2	mg/kg	Y		EPA 314.0
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0035	0.0035	mg/kg	Y	J	EPA 8290
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00013	0.00013	mg/kg	Y	J	EPA 8290
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0013	0.0013	mg/kg	Y		EPA 8290
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00013	0.00013	mg/kg	Y	J	EPA 8290
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0006	0.0006	mg/kg	Y		EPA 8290
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00057	0.00057	mg/kg	Y		EPA 8290
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000015	0.000015	mg/kg	Y		EPA 8290
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00038	0.00038	mg/kg	Y		EPA 8290
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000034	0.000034	mg/kg	Y		EPA 8290
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000023	0.000023	mg/kg	Y		EPA 8290
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00029	0.00029	mg/kg	Y		EPA 8290
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000023	0.000023	mg/kg	Y		EPA 8290
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000097	0.000097	mg/kg	Y		EPA 8290
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00015	0.00015	mg/kg	Y		EPA 8290
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000091	0.0000091	mg/kg	Y		EPA 8290
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	General Chemistry	Moisture	MOIST	5.8	5.8	percent	Y		ASTM 2216
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Metals	Arsenic	7440-38-2	7.1	7.1	mg/kg	Y		EPA 6020
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Metals	Cobalt	7440-48-4	6.4	6.4	mg/kg	Y	J	EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Metals	Lead	7439-92-1	13	13	mg/kg	Y		EPA 6020
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Metals	Magnesium	7439-95-4	18000	18000	mg/kg	Y	J	EPA 6010
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	Metals	Manganese	7439-96-5	490	490	mg/kg	Y	J	EPA 6010
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	4,4'-DDD	72-54-8	0.012		mg/kg	N	U	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	4,4'-DDE	72-55-9	0.0075	0.0075	mg/kg	Y	J	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	4,4'-DDT	50-29-3	0.012		mg/kg	N	U	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	Aldrin	309-00-2	0.0053		mg/kg	N	U	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	alpha-BHC	319-84-6	0.0045		mg/kg	N	U	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	alpha-Chlordane	5103-71-9	0.0068		mg/kg	N	U	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	beta-BHC	319-85-7	0.026	0.026	mg/kg	Y	J	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	delta-BHC	319-86-8	0.0085		mg/kg	N	U	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	Dieldrin	60-57-1	0.0044		mg/kg	N	U	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	Endosulfan I	959-98-8	0.0037		mg/kg	N	U	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	Endosulfan II	33213-65-9	0.0061		mg/kg	N	U	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	Endosulfan sulfate	1031-07-8	0.0058		mg/kg	N	U	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	Endrin	72-20-8	0.0065		mg/kg	N	U	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	Endrin aldehyde	7421-93-4	0.0036		mg/kg	N	U	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	Endrin ketone	53494-70-5	0.01		mg/kg	N	U	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	gamma-BHC	58-89-9	0.0098		mg/kg	N	U	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	gamma-Chlordane	5103-74-2	0.0056		mg/kg	N	U	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	Heptachlor	76-44-8	0.0045		mg/kg	N	U	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	Heptachlor epoxide	1024-57-3	0.009		mg/kg	N	U	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	Hexachlorobenzene	118-74-1	0.3	0.3	mg/kg	Y		EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	Methoxychlor	72-43-5	0.0095		mg/kg	N	U	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	Toxaphene	8001-35-2	0.33		mg/kg	N	U	EPA 8081
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	1-Methylnaphthalene	90-12-0	0.0033	0.0033	mg/kg	Y	J	EPA 8270C SIM
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	2-Methylnaphthalene	91-57-6	0.0033	0.0033	mg/kg	Y	J	EPA 8270C SIM
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	Acenaphthene	83-32-9	0.0005		mg/kg	N	U	EPA 8270C SIM
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	Acenaphthylene	208-96-8	0.00035		mg/kg	N	U	EPA 8270C SIM
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	Anthracene	120-12-7	0.0016	0.0016	mg/kg	Y	J	EPA 8270C SIM
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	Benzo(a)anthracene	56-55-3	0.018	0.018	mg/kg	Y		EPA 8270C SIM
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	Benzo(a)pyrene	50-32-8	0.01	0.01	mg/kg	Y		EPA 8270C SIM
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	Benzo(b)fluoranthene	205-99-2	0.014	0.014	mg/kg	Y		EPA 8270C SIM
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	Benzo(g,h,i)perylene	191-24-2	0.011	0.011	mg/kg	Y		EPA 8270C SIM
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	Benzo(k)fluoranthene	207-08-9	0.0069	0.0069	mg/kg	Y		EPA 8270C SIM
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	Chrysene	218-01-9	0.055	0.055	mg/kg	Y		EPA 8270C SIM
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0033	0.0033	mg/kg	Y	J	EPA 8270C SIM
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	Fluoranthene	206-44-0	0.014	0.014	mg/kg	Y		EPA 8270C SIM
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	Fluorene	86-73-7	0.001	0.001	mg/kg	Y	J	EPA 8270C SIM
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.005	0.005	mg/kg	Y	J	EPA 8270C SIM
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	Naphthalene	91-20-3	0.0013	0.0013	mg/kg	Y	J	EPA 8270C SIM
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	Phenanthrene	85-01-8	0.0096	0.0096	mg/kg	Y		EPA 8270C SIM
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	Pyrene	129-00-0	0.054	0.054	mg/kg	Y		EPA 8270C SIM
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	SVOCs	1,4-Dioxane	123-91-1	0.068		mg/kg	N	U	EPA 8270
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.047		mg/kg	N	U	EPA 8270
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	SVOCs	Butylbenzylphthalate	85-68-7	0.044		mg/kg	N	U	EPA 8270
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N	U	EPA 8270
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N	U	EPA 8270
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N	U	EPA 8270
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N	U	EPA 8270
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	SVOCs	Hexachlorobutadiene	87-68-3	0.00053		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N	U	EPA 8270
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	SVOCs	Octachlorostyrene	29082-74-4	0.058		mg/kg	N	U	EPA 8270
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N	U	EPA 8270
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00054		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	1,1,1-Trichloroethane	71-55-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00059		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	1,1,2-Trichloroethane	79-00-5	0.00085		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	1,1-Dichloroethane	75-34-3	0.0002		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	1,1-Dichloroethene	75-35-4	0.00057		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	1,1-Dichloropropene	563-58-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00073		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	1,2,3-Trichloropropane	96-18-4	0.00079		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00071		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00056		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00058		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	1,2-Dibromoethane	106-93-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	1,2-Dichlorobenzene	95-50-1	0.00044		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	1,2-Dichloroethane	107-06-2	0.00068		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	1,2-Dichloropropane	78-87-5	0.00053		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00055		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	1,3-Dichlorobenzene	541-73-1	0.00047		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	1,3-Dichloropropane	142-28-9	0.0005		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	1,4-Dichlorobenzene	106-46-7	0.00076		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	2,2-Dichloropropane	594-20-7	0.00043		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	2-Butanone	78-93-3	0.0018		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	2-Chlorotoluene	95-49-8	0.0005		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	2-Hexanone	591-78-6	0.0047		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	4-Chlorotoluene	106-43-4	0.00076		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	4-Methyl-2-pentanone	108-10-1	0.0042		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Acetone	67-64-1	0.0052		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Benzene	71-43-2	0.00046		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Bromobenzene	108-86-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Bromochloromethane	74-97-5	0.00029		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Bromodichloromethane	75-27-4	0.00021		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Bromoform	75-25-2	0.00022		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Bromomethane	74-83-9	0.00049		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Carbon tetrachloride	56-23-5	0.00061		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Chlorobenzene	108-90-7	0.00052		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Chloroethane	75-00-3	0.00086		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Chloroform	67-66-3	0.00028		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Chloromethane	74-87-3	0.00075		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00054		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0013		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Cumene	98-82-8	0.00057		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Dibromochloromethane	124-48-1	0.00055		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Dibromomethane	74-95-3	0.00082		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Dichlorodifluoromethane	75-71-8	0.00051		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Diisopropyl ether	108-20-3	0.0026		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Ethyl tert-butyl ether	637-92-3	0.0041		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Methyl tert-butyl ether	1634-04-4	0.00033		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Methylene Chloride	75-09-2	0.0017	0.0017	mg/kg	Y	J	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	n-Butylbenzene	104-51-8	0.00054		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	n-Propylbenzene	103-65-1	0.00056		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	o-Xylene	95-47-6	0.00059		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	p-Cymene	99-87-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	sec-Butylbenzene	135-98-8	0.00075		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Styrene	100-42-5	0.00061		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	t-Amyl methyl ether	994-05-8	0.0015		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	tert Butyl alcohol	75-65-0	0.013		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	tert-Butylbenzene	98-06-6	0.00049		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Tetrachloroethene	127-18-4	0.00057		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Toluene	108-88-3	0.00067		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00038		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00065		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Trichloroethene	79-01-6	0.00022		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	VOCs	Vinyl chloride	75-01-4	0.0013		mg/kg	N	U	EPA 8260
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	Chlorine Oxyanions	Perchlorate	14797-73-0	179	179	mg/kg	Y		EPA 314.0
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0029	0.0029	mg/kg	Y		EPA 8290
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000085	0.000085	mg/kg	Y		EPA 8290
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00088	0.00088	mg/kg	Y		EPA 8290
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000067	0.000067	mg/kg	Y		EPA 8290
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00035	0.00035	mg/kg	Y		EPA 8290
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00042	0.00042	mg/kg	Y		EPA 8290
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000083	0.0000083	mg/kg	Y	J	EPA 8290
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00023	0.00023	mg/kg	Y		EPA 8290
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000018	0.000018	mg/kg	Y		EPA 8290
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000042	0.000042	mg/kg	Y		EPA 8290
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000019	0.000019	mg/kg	Y		EPA 8290
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000065	0.000065	mg/kg	Y		EPA 8290
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000095	0.000095	mg/kg	Y		EPA 8290
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000098	0.000098	mg/kg	Y		EPA 8290
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000042	0.0000042	mg/kg	Y		EPA 8290
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	General Chemistry	Moisture	MOIST	7.9	7.9	percent	Y		ASTM 2216
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	Metals	Arsenic	7440-38-2	3.9	3.9	mg/kg	Y		EPA 6020
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	OCPs	Hexachlorobenzene	118-74-1	0.16	0.16	mg/kg	Y	J	EPA 8270C
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000022	0.000022	mg/kg	Y	J	EPA 8290
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000034		mg/kg	N	U	EPA 8290
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000098	0.0000098	mg/kg	Y	J	EPA 8290
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000015		mg/kg	N	U	EPA 8290
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000031	0.0000031	mg/kg	Y	JK	EPA 8290
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000053	0.0000053	mg/kg	Y	J	EPA 8290
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000025		mg/kg	N	U	EPA 8290
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000027	0.0000027	mg/kg	Y	JK	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000018		mg/kg	N	U	EPA 8290
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000026		mg/kg	N	U	EPA 8290
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000017		mg/kg	N	U	EPA 8290
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000032		mg/kg	N	U	EPA 8290
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000035		mg/kg	N	U	EPA 8290
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000021		mg/kg	N	U	EPA 8290
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000033		mg/kg	N	U	EPA 8290
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000047		mg/kg	N	U	EPA 8290
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000019		mg/kg	N	U	EPA 8290
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	General Chemistry	Moisture	MOIST	7.5	7.5	percent	Y		ASTM 2216
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	Metals	Magnesium	7439-95-4	25100	25100	mg/kg	Y		EPA 6010B
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	OCPs	Hexachlorobenzene	118-74-1	0.096		mg/kg	N	U	EPA 8270C
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00016	0.00016	mg/kg	Y		EPA 8290
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000086	0.0000086	mg/kg	Y	J	EPA 8290
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000065	0.000065	mg/kg	Y		EPA 8290
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00001	0.00001	mg/kg	Y		EPA 8290
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000027	0.000027	mg/kg	Y		EPA 8290
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000024	0.000024	mg/kg	Y		EPA 8290
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000009	0.0000009	mg/kg	Y	J	EPA 8290
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000015	0.000015	mg/kg	Y		EPA 8290
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000024	0.0000024	mg/kg	Y	J	EPA 8290
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000036	0.0000036	mg/kg	Y	J	EPA 8290
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000016	0.0000016	mg/kg	Y	J	EPA 8290
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000012	0.0000012	mg/kg	Y	J	EPA 8290
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000039	0.0000039	mg/kg	Y	J	EPA 8290
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000072	0.0000072	mg/kg	Y		EPA 8290
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000089	0.0000089	mg/kg	Y		EPA 8290
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000042	0.00000042	mg/kg	Y	J	EPA 8290
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	General Chemistry	Moisture	MOIST	2.3	2.3	percent	Y		ASTM 2216
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	Metals	Arsenic	7440-38-2	3.6	3.6	mg/kg	Y		EPA 6020
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	Metals	Magnesium	7439-95-4	9400	9400	mg/kg	Y	J	EPA 6010
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	OCPs	Hexachlorobenzene	118-74-1	0.33	0.33	mg/kg	Y		EPA 8270
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Chlorine Oxyanions	Perchlorate	14797-73-0	4.06	4.06	mg/kg	Y		EPA 314.0
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.015	0.015	mg/kg	Y		EPA 8280A
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00035	0.00035	mg/kg	Y	J	EPA 8280A
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0042	0.0042	mg/kg	Y		EPA 8280A
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00024	0.00024	mg/kg	Y	J	EPA 8280A
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0021	0.0021	mg/kg	Y		EPA 8280A
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0018	0.0018	mg/kg	Y		EPA 8280A
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000065		mg/kg	N	U	EPA 8280A
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0016	0.0016	mg/kg	Y		EPA 8280A
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0001	0.0001	mg/kg	Y	J	EPA 8280A
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00031	0.00031	mg/kg	Y	J	EPA 8280A
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000099	0.000099	mg/kg	Y	JK	EPA 8280A
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00064	0.00064	mg/kg	Y	J	EPA 8280A
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000081		mg/kg	N	U	EPA 8280A
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00037	0.00037	mg/kg	Y	J	EPA 8280A
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00045	0.00045	mg/kg	Y	J	EPA 8280A
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0012	0.0012	mg/kg	Y		EPA 8280A
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000086		mg/kg	N	U	EPA 8280A
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	General Chemistry	Moisture	MOIST	2	2	percent	Y		ASTM 2216
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Metals	Arsenic	7440-38-2	2.6	2.6	mg/kg	Y		EPA 6020
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Metals	Cobalt	7440-48-4	5.7	5.7	mg/kg	Y		EPA 6010B
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Metals	Lead	7439-92-1	10.9	10.9	mg/kg	Y		EPA 6020
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Metals	Magnesium	7439-95-4	9130	9130	mg/kg	Y		EPA 6010B
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	Metals	Manganese	7439-96-5	368	368	mg/kg	Y		EPA 6010B
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	OCPs	Hexachlorobenzene	118-74-1	0.85	0.85	mg/kg	Y		EPA 8270C
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	1-Methylnaphthalene	90-12-0	0.00049		mg/kg	N	U	EPA 8270C SIM
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	2-Methylnaphthalene	91-57-6	0.00047		mg/kg	N	U	EPA 8270C SIM
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	Acenaphthene	83-32-9	0.00051		mg/kg	N	U	EPA 8270C SIM
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	Acenaphthylene	208-96-8	0.00036		mg/kg	N	U	EPA 8270C SIM
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	Anthracene	120-12-7	0.00055	0.00055	mg/kg	Y	J	EPA 8270C SIM
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	Benzo(a)anthracene	56-55-3	0.0089	0.0089	mg/kg	Y		EPA 8270C SIM
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	Benzo(a)pyrene	50-32-8	0.0087	0.0087	mg/kg	Y		EPA 8270C SIM
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	Benzo(b)fluoranthene	205-99-2	0.012	0.012	mg/kg	Y		EPA 8270C SIM
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0058	0.0058	mg/kg	Y		EPA 8270C SIM
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	Benzo(k)fluoranthene	207-08-9	0.0089	0.0089	mg/kg	Y		EPA 8270C SIM
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	Chrysene	218-01-9	0.015	0.015	mg/kg	Y		EPA 8270C SIM
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0013		mg/kg	N	U	EPA 8270C SIM
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	Fluoranthene	206-44-0	0.015	0.015	mg/kg	Y		EPA 8270C SIM
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	Fluorene	86-73-7	0.00053		mg/kg	N	U	EPA 8270C SIM
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0051	0.0051	mg/kg	Y	J	EPA 8270C SIM
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	Naphthalene	91-20-3	0.00033		mg/kg	N	U	EPA 8270C SIM

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	Phenanthrene	85-01-8	0.0058	0.0058	mg/kg	Y		EPA 8270C SIM
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	Pyrene	129-00-0	0.019	0.019	mg/kg	Y		EPA 8270C SIM
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.1		mg/kg	N	U	EPA 8270C
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	SVOCs	Butylbenzylphthalate	85-68-7	0.097		mg/kg	N	U	EPA 8270C
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	SVOCs	Diethylphthalate	84-66-2	0.092		mg/kg	N	U	EPA 8270C
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	SVOCs	Dimethylphthalate	131-11-3	0.089		mg/kg	N	U	EPA 8270C
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	SVOCs	Di-n-butylphthalate	84-74-2	0.099		mg/kg	N	U	EPA 8270C
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	SVOCs	Di-n-octylphthalate	117-84-0	0.099		mg/kg	N	U	EPA 8270C
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	SVOCs	Nitrobenzene	98-95-3	0.078		mg/kg	N	U	EPA 8270C
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	SVOCs	Pyridine	110-86-1	0.073		mg/kg	N	U	EPA 8270C
DU-1	CS-DC-4	CS-DC-4	0.5-0.5	N	--	6/2/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000039	0.000039	mg/kg	Y		EPA 8290
DU-1	CS-DC-4	CS-DC-4	0.5-0.5	N	--	6/2/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000002	0.000002	mg/kg	Y	JK	EPA 8290
DU-1	CS-DC-4	CS-DC-4	0.5-0.5	N	--	6/2/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-1	CS-DC-4	CS-DC-4	0.5-0.5	N	--	6/2/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000014	0.0000014	mg/kg	Y	J	EPA 8290
DU-1	CS-DC-4	CS-DC-4	0.5-0.5	N	--	6/2/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000061	0.0000061	mg/kg	Y		EPA 8290
DU-1	CS-DC-4	CS-DC-4	0.5-0.5	N	--	6/2/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000058	0.0000058	mg/kg	Y		EPA 8290
DU-1	CS-DC-4	CS-DC-4	0.5-0.5	N	--	6/2/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000003	0.0000003	mg/kg	Y	J	EPA 8290
DU-1	CS-DC-4	CS-DC-4	0.5-0.5	N	--	6/2/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000032	0.0000032	mg/kg	Y	JK	EPA 8290
DU-1	CS-DC-4	CS-DC-4	0.5-0.5	N	--	6/2/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000049	0.00000049	mg/kg	Y	J	EPA 8290
DU-1	CS-DC-4	CS-DC-4	0.5-0.5	N	--	6/2/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000067	0.00000067	mg/kg	Y	JK	EPA 8290
DU-1	CS-DC-4	CS-DC-4	0.5-0.5	N	--	6/2/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000036	0.00000036	mg/kg	Y	JK	EPA 8290
DU-1	CS-DC-4	CS-DC-4	0.5-0.5	N	--	6/2/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000029	0.0000029	mg/kg	Y	J	EPA 8290
DU-1	CS-DC-4	CS-DC-4	0.5-0.5	N	--	6/2/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000031		mg/kg	N	U	EPA 8290
DU-1	CS-DC-4	CS-DC-4	0.5-0.5	N	--	6/2/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000068	0.00000068	mg/kg	Y	JK	EPA 8290
DU-1	CS-DC-4	CS-DC-4	0.5-0.5	N	--	6/2/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000015	0.0000015	mg/kg	Y	J	EPA 8290
DU-1	CS-DC-4	CS-DC-4	0.5-0.5	N	--	6/2/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000012	0.0000012	mg/kg	Y	JK	EPA 8290
DU-1	CS-DC-4	CS-DC-4	0.5-0.5	N	--	6/2/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000015		mg/kg	N	U	EPA 8290
DU-1	CS-DC-4	CS-DC-4	0.5-0.5	N	--	6/2/2011	General Chemistry	Moisture	MOIST	5.8	5.8	percent	Y		ASTM 2216
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	Chlorine Oxyanions	Perchlorate	14797-73-0	38.7	38.7	mg/kg	Y	J	EPA 314.0
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000033	0.000033	mg/kg	Y	J	EPA 8290
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000036	0.0000036	mg/kg	Y	J	EPA 8290
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000011	0.000011	mg/kg	Y	J	EPA 8290
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000011	0.0000011	mg/kg	Y	JK	EPA 8290
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000067	0.0000067	mg/kg	Y	J	EPA 8290
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000063	0.0000063	mg/kg	Y	J	EPA 8290
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000025	0.00000025	mg/kg	Y	JK	EPA 8290
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000028	0.0000028	mg/kg	Y	J	EPA 8290
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000004	0.0000004	mg/kg	Y	JK	EPA 8290
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000058		mg/kg	N	UJ	EPA 8290
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000028	0.00000028	mg/kg	Y	JK	EPA 8290
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000028	0.0000028	mg/kg	Y	J	EPA 8290
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000048		mg/kg	N	U	EPA 8290
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000062	0.00000062	mg/kg	Y	J	EPA 8290
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000014	0.0000014	mg/kg	Y	JK	EPA 8290
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000019	0.0000019	mg/kg	Y		EPA 8290
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000018		mg/kg	N	U	EPA 8290
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	General Chemistry	Moisture	MOIST	7.2	7.2	percent	Y		ASTM 2216
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	Metals	Arsenic	7440-38-2	4.5	4.5	mg/kg	Y		EPA 6020
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	4,4'-DDD	72-54-8	0.00057		mg/kg	N	U	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	4,4'-DDE	72-55-9	0.0013	0.0013	mg/kg	Y	J	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	4,4'-DDT	50-29-3	0.00079	0.00079	mg/kg	Y	J	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	Aldrin	309-00-2	0.00026		mg/kg	N	U	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	alpha-BHC	319-84-6	0.0011		mg/kg	N	U	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	alpha-Chlordane	5103-71-9	0.00034		mg/kg	N	U	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	beta-BHC	319-85-7	0.0007		mg/kg	N	U	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	Chlordane (total)	57-74-9	0.00023		mg/kg	N	U	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	delta-BHC	319-86-8	0.00042		mg/kg	N	U	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	Dieldrin	60-57-1	0.00022		mg/kg	N	U	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	Endosulfan I	959-98-8	0.00019		mg/kg	N	U	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	Endosulfan II	33213-65-9	0.0003		mg/kg	N	U	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	Endosulfan sulfate	1031-07-8	0.00029		mg/kg	N	U	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	Endrin	72-20-8	0.00032		mg/kg	N	U	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	Endrin aldehyde	7421-93-4	0.00018		mg/kg	N	U	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	Endrin ketone	53494-70-5	0.00051		mg/kg	N	U	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	gamma-BHC	58-89-9	0.00049		mg/kg	N	U	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	gamma-Chlordane	5103-74-2	0.00028		mg/kg	N	U	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	Heptachlor	76-44-8	0.00023		mg/kg	N	U	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	Heptachlor epoxide	1024-57-3	0.00045		mg/kg	N	U	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	Hexachlorobenzene	118-74-1	0.055	0.055	mg/kg	Y		EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	Methoxychlor	72-43-5	0.00047		mg/kg	N	U	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	Toxaphene	8001-35-2	0.017		mg/kg	N	U	EPA 8081
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	1-Methylnaphthalene	90-12-0	0.0011	0.0011	mg/kg	Y	J	EPA 8270
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	2-Methylnaphthalene	91-57-6	0.0015	0.0015	mg/kg	Y	J	EPA 8270
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	Acenaphthene	83-32-9	0.00017		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	Acenaphthylene	208-96-8	0.00018		mg/kg	N	U	EPA 8270
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	Anthracene	120-12-7	0.00077		mg/kg	N	U	EPA 8270
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	Benzo(a)anthracene	56-55-3	0.00096		mg/kg	N	U	EPA 8270
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	Benzo(a)pyrene	50-32-8	0.00079		mg/kg	N	U	EPA 8270
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	Benzo(b)fluoranthene	205-99-2	0.0013		mg/kg	N	U	EPA 8270
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0012		mg/kg	N	U	EPA 8270
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	Benzo(k)fluoranthene	207-08-9	0.0011		mg/kg	N	U	EPA 8270
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N	U	EPA 8270
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0014		mg/kg	N	U	EPA 8270
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	Fluoranthene	206-44-0	0.0011		mg/kg	N	U	EPA 8270
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	Fluorene	86-73-7	0.0005		mg/kg	N	U	EPA 8270
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0012		mg/kg	N	U	EPA 8270
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	Naphthalene	91-20-3	0.00035		mg/kg	N	U	EPA 8270
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	Phenanthrene	85-01-8	0.0012		mg/kg	N	U	EPA 8270
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	Pyrene	129-00-0	0.0012		mg/kg	N	U	EPA 8270
DU-1	DS-C45-2	DS-C45-2	0-0	N	--	8/3/2011	General Chemistry	Moisture	MOIST	3.3	3.3	percent	Y		ASTM 2216
DU-1	DS-C45-2	DS-C45-2	0-0	N	--	8/3/2011	Metals	Arsenic	7440-38-2	11.9	11.9	mg/kg	Y		EPA 6020
DU-1	DS-C45-2	DS-C45-2	0-0	N	--	8/3/2011	Metals	Cobalt	7440-48-4	222	222	mg/kg	Y		EPA 6010B
DU-1	DS-C45-2	DS-C45-2	0-0	N	--	8/3/2011	Metals	Manganese	7439-96-5	11600	11600	mg/kg	Y		EPA 6010B
DU-1	DS-C45-2	DS-C45-2	0-0	N	--	8/3/2011	OCPs	Hexachlorobenzene	118-74-1	0.081	0.081	mg/kg	Y		EPA 8081A
DU-1	DS-C45-2	DS-C45-3	0-0	FD	DS-C45-2	8/3/2011	General Chemistry	Moisture	MOIST	4.5	4.5	percent	Y		ASTM 2216
DU-1	DS-C45-2	DS-C45-3	0-0	FD	DS-C45-2	8/3/2011	Metals	Arsenic	7440-38-2	10.2	10.2	mg/kg	Y		EPA 6020
DU-1	DS-C45-2	DS-C45-3	0-0	FD	DS-C45-2	8/3/2011	Metals	Cobalt	7440-48-4	267	267	mg/kg	Y		EPA 6010B
DU-1	DS-C45-2	DS-C45-3	0-0	FD	DS-C45-2	8/3/2011	Metals	Manganese	7439-96-5	12000	12000	mg/kg	Y		EPA 6010B
DU-1	DS-C45-2	DS-C45-3	0-0	FD	DS-C45-2	8/3/2011	OCPs	Hexachlorobenzene	118-74-1	0.054	0.054	mg/kg	Y		EPA 8081A
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.025	0.025	mg/kg	Y	J	EPA 8290
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0016	0.0016	mg/kg	Y		EPA 8290
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0055	0.0055	mg/kg	Y		EPA 8290
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00064	0.00064	mg/kg	Y		EPA 8290
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0021	0.0021	mg/kg	Y		EPA 8290
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0027	0.0027	mg/kg	Y		EPA 8290
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000075	0.000075	mg/kg	Y		EPA 8290
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0015	0.0015	mg/kg	Y		EPA 8290
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00018	0.00018	mg/kg	Y		EPA 8290
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0012	0.0012	mg/kg	Y		EPA 8290
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00044	0.00044	mg/kg	Y		EPA 8290
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00074	0.00074	mg/kg	Y		EPA 8290
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0007	0.0007	mg/kg	Y	J+	EPA 8290
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000031	0.000031	mg/kg	Y	J+	EPA 8290
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	General Chemistry	Moisture	MOIST	1.1	1.1	percent	Y		ASTM 2216
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Metals	Arsenic	7440-38-2	5.7	5.7	mg/kg	Y		EPA 6020
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Metals	Lead	7439-92-1	43	43	mg/kg	Y		EPA 6020
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Metals	Magnesium	7439-95-4	37000	37000	mg/kg	Y		EPA 6010
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	Metals	Manganese	7439-96-5	740	740	mg/kg	Y		EPA 6010
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	4,4'-DDD	72-54-8	0.0027	0.0027	mg/kg	Y	J+	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	4,4'-DDE	72-55-9	0.081	0.081	mg/kg	Y	J+	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	4,4'-DDT	50-29-3	0.014	0.014	mg/kg	Y	J	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	Aldrin	309-00-2	0.00025		mg/kg	N	UJ	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	alpha-BHC	319-84-6	0.0008	0.0008	mg/kg	Y	J	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	alpha-Chlordane	5103-71-9	0.00032		mg/kg	N	UJ	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	beta-BHC	319-85-7	0.059	0.059	mg/kg	Y	J+	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	Chlordane (total)	57-74-9	0.00021		mg/kg	N	UJ	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	delta-BHC	319-86-8	0.00039		mg/kg	N	UJ	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	Dieldrin	60-57-1	0.00021		mg/kg	N	UJ	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	Endosulfan I	959-98-8	0.00017		mg/kg	N	UJ	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	Endosulfan II	33213-65-9	0.00028		mg/kg	N	UJ	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	Endosulfan sulfate	1031-07-8	0.00027		mg/kg	N	UJ	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	Endrin	72-20-8	0.0007	0.0007	mg/kg	Y	J	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	Endrin aldehyde	7421-93-4	0.00017		mg/kg	N	UJ	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	Endrin ketone	53494-70-5	0.00048		mg/kg	N	UJ	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	gamma-BHC	58-89-9	0.00046		mg/kg	N	UJ	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	gamma-Chlordane	5103-74-2	0.00026		mg/kg	N	UJ	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	Heptachlor	76-44-8	0.00021		mg/kg	N	UJ	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	Heptachlor epoxide	1024-57-3	0.00042		mg/kg	N	UJ	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	Hexachlorobenzene	118-74-1	0.074	0.074	mg/kg	Y	J+	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	Methoxychlor	72-43-5	0.00044		mg/kg	N	UJ	EPA 8081
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	Toxaphene	8001-35-2	0.016		mg/kg	N	UJ	EPA 8081
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Chlorine Oxyanions	Perchlorate	14797-73-0	1.32	1.32	mg/kg	Y		EPA 314.0
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.1	0.1	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0038	0.0038	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.027	0.027	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0038	0.0038	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.011	0.011	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.014	0.014	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00061	0.00061	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0075	0.0075	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0011	0.0011	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0011	0.0011	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00099	0.00099	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0074	0.0074	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0007	0.0007	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0017	0.0017	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.004	0.004	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.005	0.005	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00026	0.00026	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	General Chemistry	Moisture	MOIST	19.4	19.4	percent	Y		ASTM 2216
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Metals	Arsenic	7440-38-2	6	6	mg/kg	Y	J-	EPA 6020
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Metals	Cobalt	7440-48-4	1.8	1.8	mg/kg	Y		EPA 6010B
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Metals	Lead	7439-92-1	9.3	9.3	mg/kg	Y		EPA 6020
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Metals	Magnesium	7439-95-4	189000	189000	mg/kg	Y		EPA 6010B
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	Metals	Manganese	7439-96-5	77.1	77.1	mg/kg	Y		EPA 6010B
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	OCPs	Hexachlorobenzene	118-74-1	0.12	0.12	mg/kg	Y		EPA 8081
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	1-Methylnaphthalene	90-12-0	0.0011	0.0011	mg/kg	Y	J	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	2-Methylnaphthalene	91-57-6	0.0013	0.0013	mg/kg	Y	J	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	Acenaphthene	83-32-9	0.00056		mg/kg	N	U	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	Acenaphthylene	208-96-8	0.00039		mg/kg	N	U	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	Anthracene	120-12-7	0.00047		mg/kg	N	U	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	Benzo(a)anthracene	56-55-3	0.00079	0.00079	mg/kg	Y	J	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	Benzo(a)pyrene	50-32-8	0.00048		mg/kg	N	U	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	Benzo(b)fluoranthene	205-99-2	0.0013	0.0013	mg/kg	Y	J	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0012		mg/kg	N	U	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	Benzo(k)fluoranthene	207-08-9	0.00091		mg/kg	N	U	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	Chrysene	218-01-9	0.0012	0.0012	mg/kg	Y	J	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0014		mg/kg	N	U	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	Fluoranthene	206-44-0	0.0022	0.0022	mg/kg	Y	J	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	Fluorene	86-73-7	0.00058		mg/kg	N	U	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00057		mg/kg	N	U	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	Naphthalene	91-20-3	0.0019	0.0019	mg/kg	Y	J	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	Phenanthrene	85-01-8	0.0026	0.0026	mg/kg	Y	J	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	Pyrene	129-00-0	0.0017	0.0017	mg/kg	Y	J	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Chlorine Oxyanions	Perchlorate	14797-73-0	1.37	1.37	mg/kg	Y		EPA 314.0
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.012	0.012	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.001	0.001	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0032	0.0032	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0011	0.0011	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00083	0.00083	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0018	0.0018	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000099	0.000099	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0011	0.0011	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00035	0.00035	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00011	0.00011	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00035	0.00035	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0011	0.0011	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00017	0.00017	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00029	0.00029	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00065	0.00065	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0004	0.0004	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000035	0.000035	mg/kg	Y	J	EPA 8290
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	General Chemistry	Moisture	MOIST	22.4	22.4	percent	Y		ASTM 2216
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Metals	Arsenic	7440-38-2	5.3	5.3	mg/kg	Y	J-	EPA 6020
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Metals	Cobalt	7440-48-4	1.7	1.7	mg/kg	Y		EPA 6010B
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Metals	Lead	7439-92-1	10.1	10.1	mg/kg	Y		EPA 6020
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Metals	Magnesium	7439-95-4	173000	173000	mg/kg	Y		EPA 6010B
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	Metals	Manganese	7439-96-5	77.6	77.6	mg/kg	Y		EPA 6010B
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	OCPs	Hexachlorobenzene	118-74-1	0.011	0.011	mg/kg	Y	J+	EPA 8081
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	1-Methylnaphthalene	90-12-0	0.00058		mg/kg	N	U	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	2-Methylnaphthalene	91-57-6	0.00055		mg/kg	N	U	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	Acenaphthene	83-32-9	0.00061		mg/kg	N	U	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	Acenaphthylene	208-96-8	0.00043		mg/kg	N	U	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	Anthracene	120-12-7	0.00051		mg/kg	N	U	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	Benzo(a)anthracene	56-55-3	0.0016	0.0016	mg/kg	Y	J	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	Benzo(a)pyrene	50-32-8	0.0015	0.0015	mg/kg	Y	J	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	Benzo(b)fluoranthene	205-99-2	0.0027	0.0027	mg/kg	Y	J	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N	U	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	Benzo(k)fluoranthene	207-08-9	0.0016	0.0016	mg/kg	Y	J	EPA 8270C SIM

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	Chrysene	218-01-9	0.003	0.003	mg/kg	Y	J	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0015		mg/kg	N	U	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	Fluoranthene	206-44-0	0.0031	0.0031	mg/kg	Y	J	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	Fluorene	86-73-7	0.00063		mg/kg	N	U	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0012	0.0012	mg/kg	Y	J	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	Naphthalene	91-20-3	0.0004		mg/kg	N	U	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	Phenanthrene	85-01-8	0.0019	0.0019	mg/kg	Y	J	EPA 8270C SIM
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	Pyrene	129-00-0	0.003	0.003	mg/kg	Y	J	EPA 8270C SIM
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0041	0.0041	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0015	0.0015	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000094	0.000094	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00058	0.00058	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00051	0.00051	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000014	0.000014	mg/kg	Y	J	EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00038	0.00038	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000028	0.000028	mg/kg	Y	J	EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000062	0.000062	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000027	0.000027	mg/kg	Y	J	EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00025	0.00025	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000015	0.000015	mg/kg	Y	J	EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000074	0.000074	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000005	0.000005	mg/kg	Y	J	EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	HpCDD (total)	37871-00-4	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	HpCDF (total)	38998-75-3	0.003	0.003	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	HxCDD (total)	34465-46-8	0.00019	0.00019	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	HxCDF (total)	55684-94-1	0.0025	0.0025	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	PeCDD (total)	36088-22-9	0.00015	0.00015	mg/kg	Y	J	EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	PeCDF (total)	30402-15-4	0.002	0.002	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	TCDD (total)	41903-57-5	0.00012	0.00012	mg/kg	Y	J	EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	TCDF (total)	30402-14-3	0.0015	0.0015	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0033	0.0033	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000094	0.000094	mg/kg	Y	J	EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0012	0.0012	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000079	0.000079	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00045	0.00045	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00038	0.00038	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000012	0.000012	mg/kg	Y	J	EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0003	0.0003	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000053	0.000053	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000051	0.000051	mg/kg	Y	J	EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000037	0.000037	mg/kg	Y	J	EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0002	0.0002	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000014	0.000014	mg/kg	Y	J	EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000055	0.000055	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000096	0.000096	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000045	0.0000045	mg/kg	Y	J	EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	HpCDD (total)	37871-00-4	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	HpCDF (total)	38998-75-3	0.0024	0.0024	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	HxCDD (total)	34465-46-8	0.00035	0.00035	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	HxCDF (total)	55684-94-1	0.002	0.002	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	PeCDD (total)	36088-22-9	0.00012	0.00012	mg/kg	Y	J	EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	PeCDF (total)	30402-15-4	0.0015	0.0015	mg/kg	Y		EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	TCDD (total)	41903-57-5	0.000093	0.000093	mg/kg	Y	J	EPA 8290
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	Dioxins	TCDF (total)	30402-14-3	0.0012	0.0012	mg/kg	Y		EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0016	0.0016	mg/kg	Y		EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000043	0.000043	mg/kg	Y	J	EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00061	0.00061	mg/kg	Y		EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000036	0.000036	mg/kg	Y	J	EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00022	0.00022	mg/kg	Y		EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00018	0.00018	mg/kg	Y		EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000057	0.0000057	mg/kg	Y	J	EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000015	0.000015	mg/kg	Y	J	EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000027	0.000027	mg/kg	Y	J	EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000013	0.000013	mg/kg	Y	J	EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00009	0.00009	mg/kg	Y		EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000057	0.0000057	mg/kg	Y	J	EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000028	0.000028	mg/kg	Y	J	EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000042	0.000042	mg/kg	Y	J	EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000048	0.000048	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000002	0.000002	mg/kg	Y	J	EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	HpCDD (total)	37871-00-4	0.000055	0.000055	mg/kg	Y		EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	HpCDF (total)	38998-75-3	0.0012	0.0012	mg/kg	Y		EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	HxCDD (total)	34465-46-8	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	HxCDF (total)	55684-94-1	0.00093	0.00093	mg/kg	Y		EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	PeCDD (total)	36088-22-9	0.000048	0.000048	mg/kg	Y	J	EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	PeCDF (total)	30402-15-4	0.00065	0.00065	mg/kg	Y	J	EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	TCDD (total)	41903-57-5	0.000038	0.000038	mg/kg	Y	J	EPA 8290
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	Dioxins	TCDF (total)	30402-14-3	0.00052	0.00052	mg/kg	Y		EPA 8290
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	Chlorine Oxyanions	Perchlorate	14797-73-0	222	222	mg/kg	Y		EPA 314.0
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.046	0.046	mg/kg	Y		EPA 8280A
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0022	0.0022	mg/kg	Y	J	EPA 8280A
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.018	0.018	mg/kg	Y		EPA 8280A
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0014	0.0014	mg/kg	Y	J	EPA 8280A
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0078	0.0078	mg/kg	Y		EPA 8280A
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0048	0.0048	mg/kg	Y	J	EPA 8280A
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00024	0.00024	mg/kg	Y	J	EPA 8280A
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0048	0.0048	mg/kg	Y	J	EPA 8280A
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0005	0.0005	mg/kg	Y	J	EPA 8280A
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00079	0.00079	mg/kg	Y	J	EPA 8280A
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0004	0.0004	mg/kg	Y	J	EPA 8280A
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0035	0.0035	mg/kg	Y	J	EPA 8280A
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00059	0.00059	mg/kg	Y	JK	EPA 8280A
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0011	0.0011	mg/kg	Y	J	EPA 8280A
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0019	0.0019	mg/kg	Y	J	EPA 8280A
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0042	0.0042	mg/kg	Y		EPA 8280A
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00011		mg/kg	N	U	EPA 8280A
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	General Chemistry	Moisture	MOIST	7.4	7.4	percent	Y		ASTM 2216
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	Metals	Arsenic	7440-38-2	39.2	39.2	mg/kg	Y		EPA 6020
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	OCPs	Hexachlorobenzene	118-74-1	2.7	2.7	mg/kg	Y		EPA 8270C
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.014	0.014	mg/kg	Y	J	EPA 8290
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00089	0.00089	mg/kg	Y		EPA 8290
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.003	0.003	mg/kg	Y	J	EPA 8290
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00068	0.00068	mg/kg	Y		EPA 8290
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00088	0.00088	mg/kg	Y		EPA 8290
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.001	0.001	mg/kg	Y		EPA 8290
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000056	0.000056	mg/kg	Y		EPA 8290
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00075	0.00075	mg/kg	Y		EPA 8290
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00018	0.00018	mg/kg	Y		EPA 8290
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000098	0.000098	mg/kg	Y		EPA 8290
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00015	0.00015	mg/kg	Y		EPA 8290
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00061	0.00061	mg/kg	Y	J	EPA 8290
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000095	0.000095	mg/kg	Y	J	EPA 8290
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00027	0.00027	mg/kg	Y		EPA 8290
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00041	0.00041	mg/kg	Y	J	EPA 8290
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00023	0.00023	mg/kg	Y	J	EPA 8290
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000016	0.000016	mg/kg	Y	J	EPA 8290
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	General Chemistry	Moisture	MOIST	27	27	percent	Y		ASTM 2216
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	Metals	Magnesium	7439-95-4	169000	169000	mg/kg	Y		EPA 6010B
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	OCPs	Hexachlorobenzene	118-74-1	0.12		mg/kg	N	U	EPA 8270C
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.012	0.012	mg/kg	Y		EPA 8290
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0004	0.0004	mg/kg	Y		EPA 8290
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0042	0.0042	mg/kg	Y		EPA 8290
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00037	0.00037	mg/kg	Y		EPA 8290
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0018	0.0018	mg/kg	Y		EPA 8290
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.002	0.002	mg/kg	Y		EPA 8290
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000051	0.000051	mg/kg	Y		EPA 8290
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0012	0.0012	mg/kg	Y		EPA 8290
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000093	0.000093	mg/kg	Y		EPA 8290
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00084	0.00084	mg/kg	Y		EPA 8290
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00007	0.00007	mg/kg	Y		EPA 8290
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00035	0.00035	mg/kg	Y		EPA 8290
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00045	0.00045	mg/kg	Y		EPA 8290
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00042	0.00042	mg/kg	Y		EPA 8290
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000018	0.000018	mg/kg	Y		EPA 8290
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	General Chemistry	Moisture	MOIST	6.4	6.4	percent	Y		ASTM 2216
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	Metals	Arsenic	7440-38-2	32.2	32.2	mg/kg	Y	J-	EPA 6020
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.026	0.026	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00099	0.00099	mg/kg	Y		EPA 8290
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0065	0.0065	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00078	0.00078	mg/kg	Y		EPA 8290
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0024	0.0024	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0024	0.0024	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00008	0.00008	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0017	0.0017	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00022	0.00022	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0003	0.0003	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00019	0.00019	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0013	0.0013	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00014	0.00014	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00043	0.00043	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00083	0.00083	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00055	0.00055	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000028	0.000028	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	General Chemistry	Moisture	MOIST	22.6	22.6	percent	Y		ASTM 2216
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	Metals	Magnesium	7439-95-4	162000	162000	mg/kg	Y		EPA 6010B
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	OCPs	Hexachlorobenzene	118-74-1	0.13	0.13	mg/kg	Y	J	EPA 8270C
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.028	0.028	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0017	0.0017	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0073	0.0073	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0015	0.0015	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0024	0.0024	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0028	0.0028	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00012	0.00012	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0021	0.0021	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00042	0.00042	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0003	0.0003	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00032	0.00032	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0016	0.0016	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00021	0.00021	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00065	0.00065	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0011	0.0011	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00059	0.00059	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000035	0.000035	mg/kg	Y	J	EPA 8290
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	General Chemistry	Moisture	MOIST	23.1	23.1	percent	Y		ASTM 2216
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	Metals	Magnesium	7439-95-4	162000	162000	mg/kg	Y		EPA 6010B
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	OCPs	Hexachlorobenzene	118-74-1	0.28	0.28	mg/kg	Y	J	EPA 8270C
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	Chlorine Oxyanions	Perchlorate	14797-73-0	46.3	46.3	mg/kg	Y	J	EPA 314.0
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000036	0.0000036	mg/kg	Y	J	EPA 8290
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000012	0.0000012	mg/kg	Y	J	EPA 8290
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000014	0.0000014	mg/kg	Y	JK	EPA 8290
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000079	0.00000079	mg/kg	Y	J	EPA 8290
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000011	0.0000011	mg/kg	Y	J	EPA 8290
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000012	0.0000012	mg/kg	Y	J	EPA 8290
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000022		mg/kg	N	U	EPA 8290
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000037	0.00000037	mg/kg	Y	JK	EPA 8290
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000021	0.00000021	mg/kg	Y	JK	EPA 8290
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000002		mg/kg	N	U	EPA 8290
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000015		mg/kg	N	U	EPA 8290
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000057	0.00000057	mg/kg	Y	JK	EPA 8290
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000029		mg/kg	N	U	EPA 8290
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000003	0.0000003	mg/kg	Y	JK	EPA 8290
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000029		mg/kg	N	U	EPA 8290
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000063	0.00000063	mg/kg	Y	JK	EPA 8290
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000002		mg/kg	N	U	EPA 8290
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	General Chemistry	Moisture	MOIST	9.1	9.1	percent	Y		ASTM 2216
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	Metals	Arsenic	7440-38-2	4.2	4.2	mg/kg	Y		EPA 6020
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	4,4'-DDD	72-54-8	0.00058		mg/kg	N	U	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	4,4'-DDE	72-55-9	0.00041	0.00041	mg/kg	Y	J	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	4,4'-DDT	50-29-3	0.00063		mg/kg	N	U	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	Aldrin	309-00-2	0.00027		mg/kg	N	U	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	alpha-BHC	319-84-6	0.00023		mg/kg	N	U	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	alpha-Chlordane	5103-71-9	0.00035		mg/kg	N	U	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	beta-BHC	319-85-7	0.00071		mg/kg	N	U	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	Chlordane (total)	57-74-9	0.00023		mg/kg	N	U	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	delta-BHC	319-86-8	0.00043		mg/kg	N	U	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	Dieldrin	60-57-1	0.00022		mg/kg	N	U	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	Endosulfan I	959-98-8	0.00019		mg/kg	N	U	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	Endosulfan II	33213-65-9	0.00031		mg/kg	N	U	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	Endosulfan sulfate	1031-07-8	0.0003		mg/kg	N	U	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	Endrin	72-20-8	0.00033		mg/kg	N	U	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	Endrin aldehyde	7421-93-4	0.00018		mg/kg	N	U	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	Endrin ketone	53494-70-5	0.00052		mg/kg	N	U	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	gamma-BHC	58-89-9	0.0005		mg/kg	N	U	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	gamma-Chlordane	5103-74-2	0.00028		mg/kg	N	U	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	Heptachlor	76-44-8	0.00023		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	Heptachlor epoxide	1024-57-3	0.00046		mg/kg	N	U	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	Hexachlorobenzene	118-74-1	0.031	0.031	mg/kg	Y		EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	Methoxychlor	72-43-5	0.00048		mg/kg	N	U	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	Toxaphene	8001-35-2	0.017		mg/kg	N	U	EPA 8081
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	1-Methylnaphthalene	90-12-0	0.00028		mg/kg	N	U	EPA 8270
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	2-Methylnaphthalene	91-57-6	0.00033		mg/kg	N	U	EPA 8270
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	Acenaphthene	83-32-9	0.00017		mg/kg	N	U	EPA 8270
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	Acenaphthylene	208-96-8	0.00018		mg/kg	N	U	EPA 8270
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	Anthracene	120-12-7	0.00077		mg/kg	N	U	EPA 8270
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	Benzo(a)anthracene	56-55-3	0.00096		mg/kg	N	U	EPA 8270
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	Benzo(a)pyrene	50-32-8	0.00079		mg/kg	N	U	EPA 8270
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	Benzo(b)fluoranthene	205-99-2	0.0013		mg/kg	N	U	EPA 8270
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0012		mg/kg	N	U	EPA 8270
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	Benzo(k)fluoranthene	207-08-9	0.0011		mg/kg	N	U	EPA 8270
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N	U	EPA 8270
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0014		mg/kg	N	U	EPA 8270
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	Fluoranthene	206-44-0	0.0011		mg/kg	N	U	EPA 8270
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	Fluorene	86-73-7	0.0005		mg/kg	N	U	EPA 8270
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0012		mg/kg	N	U	EPA 8270
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	Naphthalene	91-20-3	0.00035		mg/kg	N	U	EPA 8270
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	Phenanthrene	85-01-8	0.0012		mg/kg	N	U	EPA 8270
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	Pyrene	129-00-0	0.0012		mg/kg	N	U	EPA 8270
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Chlorine Oxyanions	Perchlorate	14797-73-0	0.6	0.6	mg/kg	Y	J	EPA 314.0
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Aluminum	7429-90-5	9020	9020	mg/kg	Y	J+	EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Antimony	7440-36-0	0.157	0.157	mg/kg	Y	J-	EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Arsenic	7440-38-2	2.77	2.77	mg/kg	Y		EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Barium	7440-39-3	178	178	mg/kg	Y	J	EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Beryllium	7440-41-7	0.567	0.567	mg/kg	Y		EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Boron	7440-42-8	7.46	7.46	mg/kg	Y	J	EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Cadmium	7440-43-9	0.628	0.628	mg/kg	Y		EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Calcium	7440-70-2	20100	20100	mg/kg	Y		EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Chromium (total)	7440-47-3	7.3	7.3	mg/kg	Y		EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Chromium VI	18540-29-9	0.528		mg/kg	N	U	EPA 7199
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Cobalt	7440-48-4	7.12	7.12	mg/kg	Y		EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Copper	7440-50-8	21.5	21.5	mg/kg	Y		EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Iron	7439-89-6	9120	9120	mg/kg	Y	J+	EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Lead	7439-92-1	9.55	9.55	mg/kg	Y		EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Magnesium	7439-95-4	8900	8900	mg/kg	Y		EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Manganese	7439-96-5	644	644	mg/kg	Y		EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Mercury	7439-97-6	0.106		mg/kg	N	U	EPA 7471
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Molybdenum	7439-98-7	0.716	0.716	mg/kg	Y		EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Nickel	7440-02-0	13.8	13.8	mg/kg	Y		EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Platinum	7440-06-4	0.0391	0.0391	mg/kg	Y		EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Potassium	7440-09-7	2190	2190	mg/kg	Y		EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Selenium	7782-49-2	0.212	0.212	mg/kg	Y	J	EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Silver	7440-22-4	0.118	0.118	mg/kg	Y	J	EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Sodium	7440-23-5	725	725	mg/kg	Y		EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Strontium	7440-24-6	180	180	mg/kg	Y		EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Thallium	7440-28-0	0.373	0.373	mg/kg	Y	J	EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Tin	7440-31-5	10.6		mg/kg	N	U	EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Titanium	7440-32-6	572	572	mg/kg	Y		EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Tungsten	7440-33-7	0.708	0.708	mg/kg	Y	J-	EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Uranium (total)	7440-61-1	0.835	0.835	mg/kg	Y		EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Vanadium	7440-62-2	21.9	21.9	mg/kg	Y		EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	Metals	Zinc	7440-66-6	40.5	40.5	mg/kg	Y		EPA 6020A
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	PAHs	Naphthalene	91-20-3	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	RAD	Lead-210	Pb-210	0.687		pCi/g	N	U	DOE RP 280 mod
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	RAD	Lead-212	Pb-212	1.78	1.78	pCi/g	Y		DOE EML HASL-300
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	RAD	Radium-226	Ra-226	0.791	0.791	pCi/g	Y		DOE EML HASL-300
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	RAD	Radium-228	Ra-228	1.78	1.78	pCi/g	Y		DOE EML HASL-300
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	RAD	Thorium-228	Th-228	2.11	2.11	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	RAD	Thorium-230	Th-230	0.704	0.704	pCi/g	Y	B	DOE EML HASL-300 TH MOD
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	RAD	Thorium-232	Th-232	1.9	1.9	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	RAD	Uranium-234	U-234	1.36	1.36	pCi/g	Y		DOE EML HASL-300 U MOD
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	RAD	Uranium-235	U-235	0.043		pCi/g	N	U	DOE EML HASL-300 U MOD
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	RAD	Uranium-238	U-238	0.805	0.805	pCi/g	Y		DOE EML HASL-300 U MOD
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	SVOCs	Hexachlorobutadiene	87-68-3	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	TPH	Oil Range Organics	TPH-MOTOR	11		mg/kg	N	U	EPA 8015
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	11		mg/kg	N	U	EPA 8015
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	1.1		mg/kg	N	U	EPA 8015
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1,1,1-Trichloroethane	71-55-6	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1,1,2-Trichloroethane	79-00-5	0.0049		mg/kg	N	U	EPA 8260B

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Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1,1-Dichloroethane	75-34-3	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1,1-Dichloroethene	75-35-4	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1,1-Dichloropropene	563-58-6	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1,2,3-Trichloropropane	96-18-4	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1,2-Dibromoethane	106-93-4	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1,2-Dichlorobenzene	95-50-1	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1,2-Dichloroethane	107-06-2	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1,2-Dichloropropane	78-87-5	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1,3-Dichlorobenzene	541-73-1	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1,3-Dichloropropane	142-28-9	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1,4-Dichlorobenzene	106-46-7	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	1-Chlorohexane	544-10-5	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	2,2-Dichloropropane	594-20-7	0.0049		mg/kg	N	UJ	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	2-Butanone	78-93-3	0.0098		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	2-Chlorotoluene	95-49-8	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	2-Hexanone	591-78-6	0.0098		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	4-Chlorotoluene	106-43-4	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	4-Methyl-2-pentanone	108-10-1	0.0098		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Acetone	67-64-1	0.012		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Benzene	71-43-2	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Bromobenzene	108-86-1	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Bromochloromethane	74-97-5	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Bromodichloromethane	75-27-4	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Bromoform	75-25-2	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Bromomethane	74-83-9	0.0098		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Carbon tetrachloride	56-23-5	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Chlorobenzene	108-90-7	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Chloroethane	75-00-3	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Chloroform	67-66-3	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Chloromethane	74-87-3	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Cumene	98-82-8	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Dibromochloromethane	124-48-1	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Dibromomethane	74-95-3	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Dichlorodifluoromethane	75-71-8	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Diisopropyl ether	108-20-3	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Ethanol	64-17-5	1.1		mg/kg	N	U	EPA 8015
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Ethyl benzene	100-41-4	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Ethyl tert-butyl ether	637-92-3	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Ethylene glycol	107-21-1	42		mg/kg	N	U	EPA 8015
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Methyl tert-butyl ether	1634-04-4	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Methylene Chloride	75-09-2	0.0098		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	n-Butylbenzene	104-51-8	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	n-Propylbenzene	103-65-1	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	p-Cymene	99-87-6	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	sec-Butylbenzene	135-98-8	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Styrene	100-42-5	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	t-Amyl methyl ether	994-05-8	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	tert-Butylbenzene	98-06-6	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Tetrachloroethene	127-18-4	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Toluene	108-88-3	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Trichloroethene	79-01-6	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Trichlorofluoromethane	75-69-4	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Vinyl chloride	75-01-4	0.0049		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5_03/12/2006	0.5-1.5	N	--	3/12/2006	VOCs	Xylenes (total)	1330-20-7	0.0098		mg/kg	N	U	EPA 8260B
DU-1	M-116	M116-0.5R_03/24/2006	0.5-1.5	N	--	3/24/2006	VOCs	Ethanol	64-17-5	1.1		mg/kg	N	U	EPA 8015
DU-1	M-116	M116-0.5R_03/24/2006	0.5-1.5	N	--	3/24/2006	VOCs	Methanol	67-56-1	1.1		mg/kg	N	U	EPA 8015
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Chlorine Oxyanions	Chlorate	14866-68-3	6	6	mg/kg	Y		EPA 300.1
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	23	23	mg/kg	Y		EPA 314.0
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.012	0.012	mg/kg	Y	J	EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0003	0.0003	mg/kg	Y		EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0039	0.0039	mg/kg	Y		EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00028	0.00028	mg/kg	Y		EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0014	0.0014	mg/kg	Y		EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0015	0.0015	mg/kg	Y		EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000034	0.000034	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00088	0.00088	mg/kg	Y		EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000073	0.000073	mg/kg	Y		EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000076	0.000076	mg/kg	Y		EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00073	0.00073	mg/kg	Y		EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000043	0.000043	mg/kg	Y		EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00019	0.00019	mg/kg	Y	J	EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00034	0.00034	mg/kg	Y		EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00071	0.00071	mg/kg	Y		EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	HpCDD (total)	37871-00-4	0.00045	0.00045	mg/kg	Y		EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	HpCDF (total)	38998-75-3	0.008	0.008	mg/kg	Y		EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	HxCDD (total)	34465-46-8	0.00054	0.00054	mg/kg	Y		EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	HxCDF (total)	55684-94-1	0.0062	0.0062	mg/kg	Y	J	EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	PeCDD (total)	36088-22-9	0.00045	0.00045	mg/kg	Y	J	EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	PeCDF (total)	30402-15-4	0.0056	0.0056	mg/kg	Y		EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	TCDD (total)	41903-57-5	0.00036	0.00036	mg/kg	Y		EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Dioxins	TCDF (total)	30402-14-3	0.0047	0.0047	mg/kg	Y		EPA 8290
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	13000	13000	mg/kg	Y		SM 2320
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	General Chemistry	Ammonia	7664-41-7	2.5		mg/kg	N	U	SM 4500 NH3-D
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	15000	15000	mg/kg	Y		SM 2320
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	General Chemistry	Bromide	24959-67-9	3.6		mg/kg	N	U	EPA 300
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	General Chemistry	Carbonate as CO3	3812-32-6	300	300	mg/kg	Y		SM 2320
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	General Chemistry	Chloride	16887-00-6	250	250	mg/kg	Y		EPA 300
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	General Chemistry	Hydroxide	14280-30-9	170		mg/kg	N	U	SM 2320
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	General Chemistry	Nitrate	14797-55-8	59	59	mg/kg	Y		EPA 300
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	57.57142857	57.57142857	mg/kg	Y		EPA 300
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	General Chemistry	ortho-Phosphate	11-36-9	4.1		mg/kg	N	U	EPA 300
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	General Chemistry	Sulfate	14808-79-8	410	410	mg/kg	Y		EPA 300
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Aluminum	7429-90-5	8000	8000	mg/kg	Y		EPA 6010
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Antimony	7440-36-0	0.5		mg/kg	N	U	EPA 6020
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Arsenic	7440-38-2	2.4	2.4	mg/kg	Y		EPA 6020
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Barium	7440-39-3	160	160	mg/kg	Y		EPA 6010
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Boron	7440-42-8	6.8	6.8	mg/kg	Y		EPA 6010
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Cadmium	7440-43-9	0.49	0.49	mg/kg	Y	J	EPA 6010
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Chromium (total)	7440-47-3	12	12	mg/kg	Y		EPA 6010
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Cobalt	7440-48-4	7.1	7.1	mg/kg	Y		EPA 6010
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Copper	7440-50-8	17	17	mg/kg	Y		EPA 6010
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Iron	7439-89-6	13000	13000	mg/kg	Y		EPA 6010
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Lead	7439-92-1	23	23	mg/kg	Y		EPA 6010
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Magnesium	7439-95-4	8800	8800	mg/kg	Y		EPA 6010
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Manganese	7439-96-5	500	500	mg/kg	Y		EPA 6010
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Mercury	7439-97-6	0.036	0.036	mg/kg	Y		EPA 7471
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Nickel	7440-02-0	14	14	mg/kg	Y		EPA 6010
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Niobium	7440-03-1	1.6		mg/kg	N	U	EPA 6020
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Palladium	7440-05-3	0.048		mg/kg	N	U	EPA 6020
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Phosphorus (total)	7723-14-0	1300	1300	mg/kg	Y		EPA 6010
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Selenium	7782-49-2	0.5		mg/kg	N	U	EPA 6020
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Silicon	7440-21-3	160	160	mg/kg	Y	J-	EPA 6010
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Silver	7440-22-4	0.76		mg/kg	N	U	EPA 6010
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Strontium	7440-24-6	120	120	mg/kg	Y		EPA 6010
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Sulfur	7704-34-9	810	810	mg/kg	Y	J+	EPA 6020
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Thallium	7440-28-0	0.25		mg/kg	N	U	EPA 6020
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Tungsten	7440-33-7	5		mg/kg	N	U	EPA 6010
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Uranium (total)	7440-61-1	0.96	0.96	mg/kg	Y		EPA 6020
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Zinc	7440-66-6	100	100	mg/kg	Y		EPA 6010
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Metals	Zirconium	7440-67-7	18	18	mg/kg	Y		EPA 6010
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	2,4'-DDE	3424-82-6	0.0058	0.0058	mg/kg	Y	J	EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	4,4'-DDD	72-54-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	4,4'-DDE	72-55-9	0.01	0.01	mg/kg	Y		EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	4,4'-DDT	50-29-3	0.0032	0.0032	mg/kg	Y	J	EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	Aldrin	309-00-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	alpha-BHC	319-84-6	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	alpha-Chlordane	5103-71-9	0.002		mg/kg	N	U	EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	beta-BHC	319-85-7	0.25	0.25	mg/kg	Y		EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	delta-BHC	319-86-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	Dieldrin	60-57-1	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	Endosulfan I	959-98-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	Endosulfan II	33213-65-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	Endosulfan sulfate	1031-07-8	0.002		mg/kg	N	U	EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	Endrin	72-20-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	Endrin aldehyde	7421-93-4	0.0015		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	Endrin ketone	53494-70-5	0.002		mg/kg	N	U	EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	gamma-BHC	58-89-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	gamma-Chlordane	5103-74-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	Heptachlor	76-44-8	0.002		mg/kg	N	U	EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	Heptachlor epoxide	1024-57-3	0.002		mg/kg	N	U	EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	Hexachlorobenzene	118-74-1	0.14	0.14	mg/kg	Y	J	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	Methoxychlor	72-43-5	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	Toxaphene	8001-35-2	0.051		mg/kg	N	U	EPA 8081
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Chlorpyrifos	2921-88-2	0.0062		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Coumaphos	56-72-4	0.0027		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Dasanit	115-90-2	0.0078		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Demeton (O + S)	8065-48-3	0.0072		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Demeton-O	298-03-3	0.0051		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Demeton-S	126-75-0	0.0047		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Diazinon	333-41-5	0.007		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Dichlorovos	62-73-7	0.0071		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Dimethoate	60-51-5	0.0068		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Disulfoton	298-04-4	0.0074		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	EPN	2104-64-5	0.0035		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Ethoprop	13194-48-4	0.0047		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Famphur	52-85-7	0.0031		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Fenthion	55-38-9	0.0084		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Guthion	86-50-0	0.0034		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Malathion	121-75-5	0.0045		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Merphos	150-50-5	0.0049		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Methyl parathion	298-00-0	0.0061		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Mevinphos	7786-34-7	0.0044		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Naled	300-76-5	0.022		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Parathion	56-38-2	0.0051		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Phorate	298-02-2	0.0055		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Prothiophos	34643-46-4	0.0038		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Ronnel	299-84-3	0.015		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Simazine	122-34-9	0.021		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Stirophos	22248-79-9	0.0042		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Sulfotepp	3689-24-5	0.006		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Sulprofos	35400-43-2	0.0041		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Thionazin	297-97-2	0.0054		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OPPs	Trichloronate	327-98-0	0.006		mg/kg	N	U	EPA 8141A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	Organics	Phthalic acid	88-99-3	1.3		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	2-Methylnaphthalene	91-57-6	0.071		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	Acenaphthene	83-32-9	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	Acenaphthylene	208-96-8	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	Anthracene	120-12-7	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	Benzo(a)anthracene	56-55-3	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	Benzo(a)pyrene	50-32-8	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	Chrysene	218-01-9	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	Fluoranthene	206-44-0	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	Fluorene	86-73-7	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	Naphthalene	91-20-3	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	Phenanthrene	85-01-8	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	Pyrene	129-00-0	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	Aroclor-1260	11096-82-5	0.017		mg/kg	N	U	EPA 8082
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.000044	0.000044	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.00001		mg/kg	N	U	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000091		mg/kg	N	U	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.0000091		mg/kg	N	U	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000088		mg/kg	N	U	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000026	0.000026	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.0000099		mg/kg	N	U	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000071		mg/kg	N	U	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.00003	0.00003	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000085		mg/kg	N	U	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000032	0.0000032	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000056	0.0000056	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.0000036		mg/kg	N	U	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.0000079	0.0000079	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.0000039		mg/kg	N	U	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.000037	0.000037	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.000067	0.000067	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.000005	0.000005	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.000038	0.000038	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.0000048	0.0000048	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.000007	0.000007	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.0000048	0.0000048	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.0000075	0.0000075	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.0000028	0.0000028	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000027	0.000027	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000096	0.00000096	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.000044	0.000044	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.0000076		mg/kg	N	U	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.000008	0.000008	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.000073	0.000073	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.0000033	0.0000033	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.000067	0.000067	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.000034	0.000034	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.000049	0.000049	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.00003	0.00003	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.000061	0.000061	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.000025		mg/kg	N	U	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.000024	0.000024	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.000021		mg/kg	N	U	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.000032	0.000032	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.00002		mg/kg	N	U	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.000042	0.000042	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.0000036	0.0000036	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000043	0.000043	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.000018		mg/kg	N	U	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.0000034	0.0000034	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000097	0.000097	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.00018	0.00018	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.00008	0.00008	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.000036	0.000036	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.000065	0.000065	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.000046	0.000046	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.000021	0.000021	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.000049	0.000049	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.00004	0.00004	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.000065	0.000065	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.000028	0.000028	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.000048	0.000048	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.000071	0.000071	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.000061	0.000061	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.000069	0.000069	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.000067	0.000067	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.000057	0.000057	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.000015	0.000015	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.000062	0.000062	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.000028	0.000028	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.000085	0.000085	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.000097	0.000097	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.000082	0.000082	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.000096	0.000096	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.000072	0.000072	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.000087	0.000087	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.000037	0.000037	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.000021	0.000021	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.000075	0.000075	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0003	0.0003	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.00023	0.00023	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.000091	0.000091	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.000098	0.000098	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.00023	0.00023	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.00024	0.00024	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.000037	0.000037	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.00018	0.00018	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.00023	0.00023	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.00008	0.00008	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.00032	0.00032	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.00082	0.00082	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.0006	0.0006	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.00071	0.00071	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.00022	0.00022	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.0004	0.0004	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.00047	0.00047	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.00037	0.00037	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.0029	0.0029	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.0043	0.0043	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.0026	0.0026	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.035	0.035	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 107+124	PCB107+124	0.000054	0.000054	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 110+115	PCB110+115	0.00021	0.00021	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 12+13	PCB12+13	0.000048	0.000048	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 128+166	PCB128+166	0.000095	0.000095	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.00023	0.00023	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 134+143	PCB134+143	0.000043	0.000043	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 135+151	PCB135+151	0.00011	0.00011	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 139+140	PCB139+140	0.000075	0.000075	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 147+149	PCB147+149	0.00013	0.00013	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 153+168	PCB153+168	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 156+157	PCB156+157	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 171+173	PCB171+173	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 18+30	PCB18+30	0.000006	0.000006	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 180+193	PCB180+193	0.00047	0.00047	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 198+199	PCB198+199	0.00093	0.00093	mg/kg	Y		EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 20+28	PCB20+28	0.000025	0.000025	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 21+33	PCB21+33	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 26+29	PCB26+29	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 40+71	PCB40+71	0.000045	0.000045	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.000035	0.000035	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 49+69	PCB49+69	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 50+53	PCB50+53	0.000003	0.000003	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.000028	0.000028	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.00011	0.00011	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.00014	0.00014	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.00018	0.00018	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 88+91	PCB88+91	0.000034	0.000034	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.00011	0.00011	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 93+100	PCB93+100	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	PCBs 98+102	PCB98+102	0.000018		mg/kg	N	U	EPA 1668A
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	RAD	Radium-226	Ra-226	1.34	1.34	pCi/g	Y		EPA 903.0
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	RAD	Radium-228	Ra-228	1.22	1.22	pCi/g	Y		EPA 904.0
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	RAD	Thorium-228	Th-228	2.57	2.57	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	RAD	Thorium-230	Th-230	1.44	1.44	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	RAD	Thorium-232	Th-232	1.96	1.96	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	RAD	Uranium-234	U-234	1.02	1.02	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	RAD	Uranium-235	U-235	0.0913	0.0913	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	RAD	Uranium-238	U-238	0.998	0.998	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.13		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.076		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.068		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.34		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.081		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.097		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.068		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	2-Chlorophenol	95-57-8	0.071		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	2-Methylphenol	95-48-7	0.081		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	2-Nitroaniline	88-74-4	0.068		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.076		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.071		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.086		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	4-Nitrophenol	100-02-7	0.14		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	Aniline	62-53-3	0.086		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	Benzidine	92-87-5	0.67		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	Benzoic acid	65-85-0	0.35		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	Benzyl alcohol	100-51-6	0.15		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.071		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.092		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.081		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	Dibenzofuran	132-64-9	0.068		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	Diethylphthalate	84-66-2	0.097		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	Dimethylphthalate	131-11-3	0.068		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.092		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.092		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	Isophorone	78-59-1	0.068		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	Nitrobenzene	98-95-3	0.071		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.071		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.081		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	Octachlorostyrene	29082-74-4	2.3		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	Phenol	108-95-2	0.092		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	U	EPA 8270
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	TPH	EFH (C10-C40)	EFH-C10-C40	6.1	6.1	mg/kg	Y		EPA 8015
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	2.9	2.9	mg/kg	Y	J	EPA 8015
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	3.2	3.2	mg/kg	Y	J	EPA 8015
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0019		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	2,2-Dichloropropane	594-20-7	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	2-Butanone	78-93-3	0.0048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	2-Chlorotoluene	95-49-8	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	2-Hexanone	591-78-6	0.0048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	4-Chlorotoluene	106-43-4	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0024		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Acetone	67-64-1	0.0076		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Benzene	71-43-2	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Bromobenzene	108-86-1	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Bromochloromethane	74-97-5	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Bromodichloromethane	75-27-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Bromoform	75-25-2	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Bromomethane	74-83-9	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Carbon tetrachloride	56-23-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Chlorobenzene	108-90-7	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Chloroethane	75-00-3	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Chloroform	67-66-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Chloromethane	74-87-3	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Cumene	98-82-8	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Dibromochloromethane	124-48-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Dibromomethane	74-95-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Diisopropyl ether	108-20-3	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Ethyl benzene	100-41-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	m,p-Xylene	179601-23-1	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Methylene Chloride	75-09-2	0.0048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	n-Butylbenzene	104-51-8	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	n-Propylbenzene	103-65-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	o-Xylene	95-47-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	p-Cymene	99-87-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	sec-Butylbenzene	135-98-8	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Styrene	100-42-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	t-Amyl methyl ether	994-05-8	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	tert Butyl alcohol	75-65-0	0.0095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	tert-Butylbenzene	98-06-6	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Tetrachloroethene	127-18-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Toluene	108-88-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Trichloroethene	79-01-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Trichlorofluoromethane	75-69-4	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	VOCs	Vinyl chloride	75-01-4	0.00095		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Chlorine Oxyanions	Chlorate	14866-68-3	1.6	1.6	mg/kg	Y		EPA 300.1
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	6.8	6.8	mg/kg	Y		EPA 314.0
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.039	0.039	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0011	0.0011	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.015	0.015	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.001	0.001	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0051	0.0051	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0066	0.0066	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0038	0.0038	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00029	0.00029	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00034		mg/kg	N	U	EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00029	0.00029	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0024	0.0024	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00071	0.00071	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0012	0.0012	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0012	0.0012	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000033	0.000033	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	HpCDD (total)	37871-00-4	0.0017	0.0017	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	HpCDF (total)	38998-75-3	0.03	0.03	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	HxCDD (total)	34465-46-8	0.0023	0.0023	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	HxCDF (total)	55684-94-1	0.026	0.026	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	PeCDD (total)	36088-22-9	0.0019	0.0019	mg/kg	Y	J	EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	PeCDF (total)	30402-15-4	0.021	0.021	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	TCDD (total)	41903-57-5	0.0009	0.0009	mg/kg	Y	J	EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Dioxins	TCDF (total)	30402-14-3	0.013	0.013	mg/kg	Y		EPA 8290
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	26000	26000	mg/kg	Y		SM 2320
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	General Chemistry	Ammonia	7664-41-7	2.5		mg/kg	N	U	SM 4500 NH3-D
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	29000	29000	mg/kg	Y		SM 2320
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	General Chemistry	Bromide	24959-67-9	3.6		mg/kg	N	U	EPA 300
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	General Chemistry	Carbonate as CO3	3812-32-6	1200	1200	mg/kg	Y		SM 2320
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	General Chemistry	Chloride	16887-00-6	55	55	mg/kg	Y		EPA 300
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	General Chemistry	Hydroxide	14280-30-9	170		mg/kg	N	U	SM 2320
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	General Chemistry	Nitrate	14797-55-8	24	24	mg/kg	Y		EPA 300
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	23.91428571	23.91428571	mg/kg	Y		EPA 300
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	General Chemistry	ortho-Phosphate	11-36-9	4.2		mg/kg	N	U	EPA 300
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	General Chemistry	pH	PH	9.16	9.16	SU	Y		EPA 9045
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	General Chemistry	Sulfate	14808-79-8	100	100	mg/kg	Y		EPA 300
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Aluminum	7429-90-5	7700	7700	mg/kg	Y		EPA 6010
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Antimony	7440-36-0	0.52		mg/kg	N	UJ	EPA 6020
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Arsenic	7440-38-2	3.2	3.2	mg/kg	Y		EPA 6020
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Barium	7440-39-3	180	180	mg/kg	Y	J+	EPA 6010
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Boron	7440-42-8	13	13	mg/kg	Y		EPA 6010
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Cadmium	7440-43-9	0.28	0.28	mg/kg	Y	J	EPA 6010
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Chromium (total)	7440-47-3	15	15	mg/kg	Y		EPA 6010
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Cobalt	7440-48-4	8.5	8.5	mg/kg	Y		EPA 6010
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Copper	7440-50-8	20	20	mg/kg	Y		EPA 6010
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Iron	7439-89-6	15000	15000	mg/kg	Y		EPA 6010
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Lead	7439-92-1	19	19	mg/kg	Y		EPA 6010
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Magnesium	7439-95-4	11000	11000	mg/kg	Y		EPA 6010
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Manganese	7439-96-5	810	810	mg/kg	Y		EPA 6010
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Mercury	7439-97-6	0.28	0.28	mg/kg	Y		EPA 7471
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Nickel	7440-02-0	16	16	mg/kg	Y		EPA 6010
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Niobium	7440-03-1	1.8		mg/kg	N	U	EPA 6020
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Palladium	7440-05-3	0.051		mg/kg	N	U	EPA 6020
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Phosphorus (total)	7723-14-0	1000	1000	mg/kg	Y		EPA 6010
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Selenium	7782-49-2	0.52		mg/kg	N	U	EPA 6020
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Silicon	7440-21-3	200	200	mg/kg	Y		EPA 6010
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Silver	7440-22-4	0.78		mg/kg	N	U	EPA 6010
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Strontium	7440-24-6	180	180	mg/kg	Y	J+	EPA 6010
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Sulfur	7704-34-9	550	550	mg/kg	Y	J	EPA 6020
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Thallium	7440-28-0	0.52	0.52	mg/kg	Y		EPA 6020
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Tungsten	7440-33-7	5.2		mg/kg	N	UJ	EPA 6010
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Uranium (total)	7440-61-1	1.1	1.1	mg/kg	Y		EPA 6020
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Zinc	7440-66-6	60	60	mg/kg	Y		EPA 6010
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Metals	Zirconium	7440-67-7	16	16	mg/kg	Y		EPA 6010
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	2,4'-DDE	3424-82-6	0.035	0.035	mg/kg	Y	J+	EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	4,4'-DDD	72-54-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	4,4'-DDE	72-55-9	0.081	0.081	mg/kg	Y		EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	4,4'-DDT	50-29-3	0.08	0.08	mg/kg	Y		EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	Aldrin	309-00-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	alpha-BHC	319-84-6	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	beta-BHC	319-85-7	0.29	0.29	mg/kg	Y		EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	delta-BHC	319-86-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	Dieldrin	60-57-1	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	Endosulfan I	959-98-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	Endosulfan II	33213-65-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	Endrin	72-20-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	Endrin aldehyde	7421-93-4	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	gamma-BHC	58-89-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	gamma-Chlordane	5103-74-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	Hexachlorobenzene	118-74-1	0.12	0.12	mg/kg	Y	J	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	Methoxychlor	72-43-5	0.0015		mg/kg	N	U	EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	Toxaphene	8001-35-2	0.052		mg/kg	N	U	EPA 8081
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Chlorpyrifos	2921-88-2	0.0064		mg/kg	N	U	EPA 8141A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Coumaphos	56-72-4	0.0028		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Dasanit	115-90-2	0.0081		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Demeton (O + S)	8065-48-3	0.0074		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Demeton-O	298-03-3	0.0052		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Demeton-S	126-75-0	0.0048		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Diazinon	333-41-5	0.0072		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Dichlorovos	62-73-7	0.0073		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Dimethoate	60-51-5	0.007		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Disulfoton	298-04-4	0.0077		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	EPN	2104-64-5	0.0036		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Ethoprop	13194-48-4	0.0049		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Famphur	52-85-7	0.0032		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Fenthion	55-38-9	0.0087		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Guthion	86-50-0	0.0035		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Malathion	121-75-5	0.0046		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Merphos	150-50-5	0.0051		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Methyl parathion	298-00-0	0.0063		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Mevinphos	7786-34-7	0.0046		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Naled	300-76-5	0.022		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Parathion	56-38-2	0.0052		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Phorate	298-02-2	0.0056		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Prothiophos	34643-46-4	0.0039		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Ronnel	299-84-3	0.015		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Simazine	122-34-9	0.022		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Stirophos	22248-79-9	0.0043		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Sulfotepp	3689-24-5	0.0062		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Sulprofos	35400-43-2	0.0042		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Thionazin	297-97-2	0.0055		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OPPs	Trichloronate	327-98-0	0.0062		mg/kg	N	U	EPA 8141A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	Organics	Phthalic acid	88-99-3	1.3		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	2-Methylnaphthalene	91-57-6	0.072		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	Acenaphthene	83-32-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	Acenaphthylene	208-96-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	Anthracene	120-12-7	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	Benzo(a)anthracene	56-55-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	Benzo(a)pyrene	50-32-8	0.0043	0.0043	mg/kg	Y	J	EPA 8270 SIM
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.011	0.011	mg/kg	Y	J	EPA 8270 SIM
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0056	0.0056	mg/kg	Y	J	EPA 8270 SIM
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	Chrysene	218-01-9	0.012	0.012	mg/kg	Y	J	EPA 8270 SIM
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	Fluoranthene	206-44-0	0.012	0.012	mg/kg	Y	J	EPA 8270 SIM
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	Fluorene	86-73-7	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0063	0.0063	mg/kg	Y	J	EPA 8270 SIM
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	Naphthalene	91-20-3	0.0067	0.0067	mg/kg	Y	J	EPA 8270 SIM
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	Phenanthrene	85-01-8	0.0051	0.0051	mg/kg	Y	J	EPA 8270 SIM
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	Pyrene	129-00-0	0.0093	0.0093	mg/kg	Y	J	EPA 8270 SIM
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	Aroclor-1260	11096-82-5	0.017		mg/kg	N	U	EPA 8082
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.000028	0.000028	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.000055	0.000055	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.00015	0.00015	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000023		mg/kg	N	U	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.000016		mg/kg	N	U	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.000036	0.000036	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.000016		mg/kg	N	U	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000095	0.000095	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.000017		mg/kg	N	U	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.000014		mg/kg	N	U	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000076	0.000076	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.000015		mg/kg	N	U	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.00054	0.00054	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000069	0.0000069	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000051	0.0000051	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.000024	0.000024	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00001		mg/kg	N	U	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.000049	0.000049	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.000012		mg/kg	N	U	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.00013	0.00013	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.000042	0.000042	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.00019	0.00019	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.000048	0.000048	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.0000085	0.0000085	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.0000061	0.0000061	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.00011	0.00011	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000072		mg/kg	N	U	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.000029	0.000029	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.000039	0.000039	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.000039	0.000039	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.000025	0.000025	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.000023	0.000023	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.00023	0.00023	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.000046	0.000046	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.00004	0.00004	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.000036	0.000036	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.0000061	0.0000061	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.00018	0.00018	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.00011	0.00011	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.000041	0.000041	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.000087	0.000087	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.00014	0.00014	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.000066		mg/kg	N	U	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.000071	0.000071	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.000057		mg/kg	N	U	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.000076	0.000076	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.000054		mg/kg	N	U	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.00015	0.00015	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.000005	0.000005	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.00014	0.00014	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.000048		mg/kg	N	U	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.00035	0.00035	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.00043	0.00043	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.00021	0.00021	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.000095	0.000095	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.000037	0.000037	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.00059	0.00059	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.000036		mg/kg	N	U	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-122 (2,3,3',4',5-PeCB)	76842-07-4	0.000043		mg/kg	N	U	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.000044		mg/kg	N	U	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.00019	0.00019	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.000056	0.000056	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.00015	0.00015	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.00015	0.00015	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.000044	0.000044	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.00022	0.00022	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.00011	0.00011	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.00045	0.00045	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.0001	0.0001	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.000039	0.000039	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.00014	0.00014	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.000027	0.000027	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.00025	0.00025	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.00024	0.00024	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.00019	0.00019	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.00015	0.00015	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.00024	0.00024	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.00027	0.00027	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.000084	0.000084	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.00038	0.00038	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.000059	0.000059	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.00033	0.00033	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.00077	0.00077	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.00048	0.00048	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.00055	0.00055	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.0003	0.0003	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.00035	0.00035	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.00023	0.00023	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.00034	0.00034	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.00059	0.00059	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.00043	0.00043	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.000074	0.000074	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.0005	0.0005	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.00024	0.00024	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.00065	0.00065	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.00031	0.00031	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.00023	0.00023	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.00025	0.00025	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.00055	0.00055	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.0022	0.0022	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.0015	0.0015	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.00051	0.00051	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.0017	0.0017	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.00055	0.00055	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.001	0.001	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.0011	0.0011	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.0011	0.0011	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.0091	0.0091	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.013	0.013	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.0077	0.0077	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.1	0.1	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 107+124	PCB107+124	0.00018	0.00018	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 110+115	PCB110+115	0.00064	0.00064	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 12+13	PCB12+13	0.00019	0.00019	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 128+166	PCB128+166	0.00023	0.00023	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.0008	0.0008	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 134+143	PCB134+143	0.000097	0.000097	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 135+151	PCB135+151	0.00024	0.00024	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 139+140	PCB139+140	0.00015	0.00015	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 147+149	PCB147+149	0.00036	0.00036	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 153+168	PCB153+168	0.00055	0.00055	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 156+157	PCB156+157	0.00052	0.00052	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 171+173	PCB171+173	0.00044	0.00044	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 18+30	PCB18+30	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 180+193	PCB180+193	0.0015	0.0015	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 198+199	PCB198+199	0.0025	0.0025	mg/kg	Y		EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 20+28	PCB20+28	0.000051	0.000051	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 21+33	PCB21+33	0.000039	0.000039	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 26+29	PCB26+29	0.00003	0.00003	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 40+71	PCB40+71	0.000083	0.000083	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.000082	0.000082	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 49+69	PCB49+69	0.000045	0.000045	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 50+53	PCB50+53	0.0000073	0.0000073	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.00000083		mg/kg	N	U	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.00041	0.00041	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.00028	0.00028	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.00051	0.00051	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 88+91	PCB88+91	0.000063	0.000063	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.00036	0.00036	mg/kg	Y	J	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 93+100	PCB93+100	0.000051		mg/kg	N	U	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	PCBs 98+102	PCB98+102	0.000046		mg/kg	N	U	EPA 1668A
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	RAD	Radium-226	Ra-226	1.26	1.26	pCi/g	Y		EPA 903.0
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	RAD	Radium-228	Ra-228	1.41	1.41	pCi/g	Y		EPA 904.0
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	RAD	Thorium-228	Th-228	1.92	1.92	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	RAD	Thorium-230	Th-230	1.1	1.1	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	RAD	Thorium-232	Th-232	1.65	1.65	pCi/g	Y		DOE EML HASL 300 A-01-R

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	RAD	Uranium-234	U-234	0.929	0.929	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	RAD	Uranium-235	U-235	0.0439	0.0439	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	RAD	Uranium-238	U-238	0.975	0.975	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.13		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.077		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.069		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.34		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.083		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.098		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.069		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	2-Chlorophenol	95-57-8	0.072		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	2-Methylphenol	95-48-7	0.083		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	2-Nitroaniline	88-74-4	0.069		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.077		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.072		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.088		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	4-Nitrophenol	100-02-7	0.14		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	Aniline	62-53-3	0.088		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	Benzidine	92-87-5	0.68		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	Benzoic acid	65-85-0	0.35		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	Benzyl alcohol	100-51-6	0.15		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.072		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.093		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.083		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	Dibenzofuran	132-64-9	0.069		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	Diethylphthalate	84-66-2	0.098		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	Dimethylphthalate	131-11-3	0.069		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.093		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.093		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	Isophorone	78-59-1	0.069		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	Nitrobenzene	98-95-3	0.072		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.072		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.083		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	Phenol	108-95-2	0.093		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	U	EPA 8270
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	TPH	EFH (C10-C40)	EFH-C10-C40	9.1	9.1	mg/kg	Y		EPA 8015
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	3.9	3.9	mg/kg	Y	J	EPA 8015
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	5.2	5.2	mg/kg	Y		EPA 8015
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	1,1-Dichloroethane	75-34-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	1,1-Dichloroethene	75-35-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	1,1-Dichloropropene	563-58-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	1,2-Dibromoethane	106-93-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	1,2-Dichloroethane	107-06-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	1,2-Dichloropropane	78-87-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	1,3-Dichloropropane	142-28-9	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	2,2-Dichloropropane	594-20-7	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	2-Butanone	78-93-3	0.005		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	2-Chlorotoluene	95-49-8	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	2-Hexanone	591-78-6	0.005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	4-Chlorotoluene	106-43-4	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Acetone	67-64-1	0.008		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Benzene	71-43-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Bromobenzene	108-86-1	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Bromochloromethane	74-97-5	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Bromodichloromethane	75-27-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Bromoform	75-25-2	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Bromomethane	74-83-9	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Carbon tetrachloride	56-23-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Chlorobenzene	108-90-7	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Chloroethane	75-00-3	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Chloroform	67-66-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Chloromethane	74-87-3	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Cumene	98-82-8	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Dibromochloromethane	124-48-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Dibromomethane	74-95-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.00099		mg/kg	N	UJ	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Diisopropyl ether	108-20-3	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Ethyl benzene	100-41-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	m,p-Xylene	179601-23-1	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Methylene Chloride	75-09-2	0.005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	n-Butylbenzene	104-51-8	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	n-Propylbenzene	103-65-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	o-Xylene	95-47-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	p-Cymene	99-87-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	sec-Butylbenzene	135-98-8	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Styrene	100-42-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	t-Amyl methyl ether	994-05-8	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	tert Butyl alcohol	75-65-0	0.0099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	tert-Butylbenzene	98-06-6	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Tetrachloroethene	127-18-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Toluene	108-88-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Trichloroethene	79-01-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Trichlorofluoromethane	75-69-4	0.00099		mg/kg	N	U	EPA 8260
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	VOCs	Vinyl chloride	75-01-4	0.00099		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Chlorine Oxyanions	Chlorate	14866-68-3	3.9	3.9	mg/kg	Y		EPA 300.1
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Chlorine Oxyanions	Perchlorate	14797-73-0	9.6	9.6	mg/kg	Y		EPA 314.0
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0014	0.0014	mg/kg	Y		EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000072	0.000072	mg/kg	Y	J	EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00054	0.00054	mg/kg	Y		EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000039	0.000039	mg/kg	Y	J	EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00018	0.00018	mg/kg	Y		EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000047	0.0000047	mg/kg	Y	J	EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000085	0.0000085	mg/kg	Y	J	EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000018	0.000018	mg/kg	Y	J	EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000084	0.0000084	mg/kg	Y	J	EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000077	0.000077	mg/kg	Y		EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000055	0.0000055	mg/kg	Y	J	EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000031	0.000031	mg/kg	Y	J	EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000038	0.000038	mg/kg	Y	J	EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000038	0.000038	mg/kg	Y		EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000014	0.0000014	mg/kg	Y	J	EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	HpCDD (total)	37871-00-4	0.00006	0.00006	mg/kg	Y		EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	HpCDF (total)	38998-75-3	0.0011	0.0011	mg/kg	Y		EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	HxCDD (total)	34465-46-8	0.000058	0.000058	mg/kg	Y		EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	HxCDF (total)	55684-94-1	0.00082	0.00082	mg/kg	Y		EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	PeCDD (total)	36088-22-9	0.00004	0.00004	mg/kg	Y	J	EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	PeCDF (total)	30402-15-4	0.0005	0.0005	mg/kg	Y	J	EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	TCDD (total)	41903-57-5	0.000029	0.000029	mg/kg	Y	J	EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Dioxins	TCDF (total)	30402-14-3	0.00032	0.00032	mg/kg	Y		EPA 8290
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	General Chemistry	Nitrate	14797-55-8	69	69	mg/kg	Y		EPA 300
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	General Chemistry	Nitrate/Nitrite	NO3/NO2	70.85714286	70.85714286	mg/kg	Y		EPA 300
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Antimony	7440-36-0	0.44		mg/kg	N	U	EPA 6020
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Arsenic	7440-38-2	1.6	1.6	mg/kg	Y	J	EPA 6020
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Barium	7440-39-3	32	32	mg/kg	Y		EPA 6010
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Boron	7440-42-8	13		mg/kg	N	U	EPA 6010
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Cadmium	7440-43-9	1.3		mg/kg	N	U	EPA 6010
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Chromium (total)	7440-47-3	6.7	6.7	mg/kg	Y		EPA 6010
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Chromium VI	18540-29-9	0.15		mg/kg	N	U	EPA 7199
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Cobalt	7440-48-4	2.5		mg/kg	N	U	EPA 6010
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Copper	7440-50-8	5		mg/kg	N	U	EPA 6010
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Iron	7439-89-6	2300	2300	mg/kg	Y		EPA 6010
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Lead	7439-92-1	5		mg/kg	N	U	EPA 6010
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Magnesium	7439-95-4	97000	97000	mg/kg	Y		EPA 6010
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Manganese	7439-96-5	130	130	mg/kg	Y		EPA 6010
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Mercury	7439-97-6	0.012		mg/kg	N	U	EPA 7471
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Molybdenum	7439-98-7	5		mg/kg	N	U	EPA 6010
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Nickel	7440-02-0	5		mg/kg	N	U	EPA 6010
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Niobium	7440-03-1	2.7		mg/kg	N	U	EPA 6020
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Phosphorus (total)	7723-14-0	160	160	mg/kg	Y		EPA 6010
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Silver	7440-22-4	3.8		mg/kg	N	U	EPA 6010
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Strontium	7440-24-6	63	63	mg/kg	Y		EPA 6010
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Thallium	7440-28-0	0.44		mg/kg	N	U	EPA 6020
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Tungsten	7440-33-7	13		mg/kg	N	U	EPA 6010
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Vanadium	7440-62-2	8.6	8.6	mg/kg	Y		EPA 6010
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	Metals	Zirconium	7440-67-7	25		mg/kg	N	U	EPA 6010
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	2,4'-DDE	3424-82-6	0.0043	0.0043	mg/kg	Y	J	EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	4,4'-DDD	72-54-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	4,4'-DDE	72-55-9	0.01	0.01	mg/kg	Y		EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	4,4'-DDT	50-29-3	0.0063	0.0063	mg/kg	Y		EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	Aldrin	309-00-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	alpha-BHC	319-84-6	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	alpha-Chlordane	5103-71-9	0.002		mg/kg	N	U	EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	beta-BHC	319-85-7	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	delta-BHC	319-86-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	Dieldrin	60-57-1	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	Endosulfan I	959-98-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	Endosulfan II	33213-65-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	Endosulfan sulfate	1031-07-8	0.002		mg/kg	N	U	EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	Endrin	72-20-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	Endrin aldehyde	7421-93-4	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	Endrin ketone	53494-70-5	0.002		mg/kg	N	U	EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	gamma-BHC	58-89-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	gamma-Chlordane	5103-74-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	Heptachlor	76-44-8	0.002		mg/kg	N	U	EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	Heptachlor epoxide	1024-57-3	0.002		mg/kg	N	U	EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	Hexachlorobenzene	118-74-1	0.07		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	Methoxychlor	72-43-5	0.0015		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	Toxaphene	8001-35-2	0.05		mg/kg	N	U	EPA 8081
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	2-Methylnaphthalene	91-57-6	0.07		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	Acenaphthene	83-32-9	0.0082		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	Acenaphthylene	208-96-8	0.0082		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	Anthracene	120-12-7	0.0082		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	Benzo(a)anthracene	56-55-3	0.0082		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	Benzo(a)pyrene	50-32-8	0.0082		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	Benzo(b)fluoranthene	205-99-2	0.0082		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0082		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	Benzo(k)fluoranthene	207-08-9	0.0082		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	Chrysene	218-01-9	0.0082		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0082		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	Fluoranthene	206-44-0	0.0082		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	Fluorene	86-73-7	0.0082		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0082		mg/kg	N	UJ	EPA 8270C SIM
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	Naphthalene	91-20-3	0.0082		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	Phenanthrene	85-01-8	0.0082		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	Pyrene	129-00-0	0.0082		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PCBs	Aroclor-1260	11096-82-5	0.017		mg/kg	N	U	EPA 8082
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	RAD	Radium-226	Ra-226	0.317	0.317	pCi/g	Y	J	EPA 903.0
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	RAD	Radium-228	Ra-228	0.372		pCi/g	N	U	EPA 904.0
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	RAD	Thorium-228	Th-228	0.055		pCi/g	N	UJ	DOE EML HASL 300 A-01-R
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	RAD	Thorium-230	Th-230	0.155		pCi/g	N	UJ	DOE EML HASL 300 A-01-R
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	RAD	Thorium-232	Th-232	0.162		pCi/g	N	UJ	DOE EML HASL 300 A-01-R
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.13		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.075		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	2,4-Dichlorophenol	120-83-2	0.067		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	2,4-Dinitrophenol	51-28-5	0.33		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	2,4-Dinitrotoluene	121-14-2	0.08		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	2,6-Dinitrotoluene	606-20-2	0.096		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	2-Chloronaphthalene	91-58-7	0.067		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	2-Chlorophenol	95-57-8	0.07		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	2-Methylphenol	95-48-7	0.08		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	2-Nitroaniline	88-74-4	0.067		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	2-Nitrophenol	88-75-5	0.13		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	3&4-Methylphenol	1319-77-3MP	0.13		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	3-Nitroaniline	99-09-2	0.13		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.075		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.07		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	4-Chloroaniline	106-47-8	0.13		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.086		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	4-Nitroaniline	100-01-6	0.13		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	4-Nitrophenol	100-02-7	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	Aniline	62-53-3	0.086		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	Benzoic acid	65-85-0	0.34		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	Benzyl alcohol	100-51-6	0.15		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.13		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.07		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.091		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	Butylbenzylphthalate	85-68-7	0.08		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	Dibenzofuran	132-64-9	0.067		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	Diethylphthalate	84-66-2	0.096		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	Dimethylphthalate	131-11-3	0.067		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	Di-n-butylphthalate	84-74-2	0.091		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	Di-n-octylphthalate	117-84-0	0.091		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	Hexachlorobutadiene	87-68-3	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.13		mg/kg	N	UJ	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	Hexachloroethane	67-72-1	0.13		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	Isophorone	78-59-1	0.067		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	Nitrobenzene	98-95-3	0.07		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.07		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.08		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	Octachlorostyrene	29082-74-4	2.3		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	Pentachlorophenol	87-86-5	0.34		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	Phenol	108-95-2	0.091		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	1,1,1-Trichloroethane	71-55-6	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	1,1,2-Trichloroethane	79-00-5	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	1,1-Dichloroethane	75-34-3	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	1,1-Dichloroethene	75-35-4	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	1,1-Dichloropropene	563-58-6	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	1,2,3-Trichloropropane	96-18-4	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0018		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	1,2-Dibromoethane	106-93-4	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	1,2-Dichlorobenzene	95-50-1	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	1,2-Dichloroethane	107-06-2	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	1,2-Dichloropropane	78-87-5	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	1,3-Dichlorobenzene	541-73-1	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	1,3-Dichloropropane	142-28-9	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	1,4-Dichlorobenzene	106-46-7	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	2,2-Dichloropropane	594-20-7	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	2-Butanone	78-93-3	0.0044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	2-Chlorotoluene	95-49-8	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	2-Hexanone	591-78-6	0.0044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	4-Chlorotoluene	106-43-4	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	4-Methyl-2-pentanone	108-10-1	0.0022		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Acetone	67-64-1	0.0071		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Benzene	71-43-2	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Bromobenzene	108-86-1	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Bromochloromethane	74-97-5	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Bromodichloromethane	75-27-4	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Bromoform	75-25-2	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Bromomethane	74-83-9	0.00088		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Carbon tetrachloride	56-23-5	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Chlorobenzene	108-90-7	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Chloroethane	75-00-3	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Chloroform	67-66-3	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Chloromethane	74-87-3	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Cumene	98-82-8	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Dibromochloromethane	124-48-1	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Dibromomethane	74-95-3	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Dichlorodifluoromethane	75-71-8	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Diisopropyl ether	108-20-3	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Ethyl benzene	100-41-4	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Ethyl tert-butyl ether	637-92-3	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	m,p-Xylene	179601-23-1	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Methyl tert-butyl ether	1634-04-4	0.0014	0.0014	mg/kg	Y	J	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Methylene Chloride	75-09-2	0.0044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	n-Butylbenzene	104-51-8	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	n-Propylbenzene	103-65-1	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	o-Xylene	95-47-6	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	p-Cymene	99-87-6	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	sec-Butylbenzene	135-98-8	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Styrene	100-42-5	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	t-Amyl methyl ether	994-05-8	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	tert Butyl alcohol	75-65-0	0.0088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	tert-Butylbenzene	98-06-6	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Tetrachloroethene	127-18-4	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Toluene	108-88-3	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Trichloroethene	79-01-6	0.00044		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Trichlorofluoromethane	75-69-4	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	VOCs	Vinyl chloride	75-01-4	0.00088		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Chlorine Oxyanions	Chlorate	14866-68-3	2.4	2.4	mg/kg	Y		EPA 300.1
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Chlorine Oxyanions	Perchlorate	14797-73-0	0.49	0.49	mg/kg	Y	J-	EPA 314.0
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00047	0.00047	mg/kg	Y		EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000016	0.000016	mg/kg	Y	J	EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00019	0.00019	mg/kg	Y		EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000013	0.000013	mg/kg	Y	J	EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000065	0.000065	mg/kg	Y		EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000066	0.000066	mg/kg	Y		EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000016	0.0000016	mg/kg	Y	J	EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000044	0.000044	mg/kg	Y	J	EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000033	0.0000033	mg/kg	Y	J	EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000067	0.0000067	mg/kg	Y	J	EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000036	0.0000036	mg/kg	Y	J	EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00003	0.00003	mg/kg	Y	J	EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000025	0.0000025	mg/kg	Y	J	EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000011	0.000011	mg/kg	Y	J	EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000015	0.000015	mg/kg	Y	J	EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000015	0.000015	mg/kg	Y		EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000063	0.00000063	mg/kg	Y	J	EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	HpCDD (total)	37871-00-4	0.00002	0.00002	mg/kg	Y	J	EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	HpCDF (total)	38998-75-3	0.00036	0.00036	mg/kg	Y		EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	HxCDD (total)	34465-46-8	0.000024	0.000024	mg/kg	Y	J	EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	HxCDF (total)	55684-94-1	0.00031	0.00031	mg/kg	Y	J	EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	PeCDD (total)	36088-22-9	0.00002	0.00002	mg/kg	Y	J	EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	PeCDF (total)	30402-15-4	0.00025	0.00025	mg/kg	Y		EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	TCDD (total)	41903-57-5	0.000014	0.000014	mg/kg	Y	J	EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Dioxins	TCDF (total)	30402-14-3	0.00017	0.00017	mg/kg	Y	J	EPA 8290
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	General Chemistry	Nitrate	14797-55-8	15	15	mg/kg	Y		EPA 300
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	General Chemistry	Nitrate/Nitrite	NO3/NO2	14.61428571	14.61428571	mg/kg	Y		EPA 300
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Antimony	7440-36-0	0.51		mg/kg	N	UJ	EPA 6020
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Arsenic	7440-38-2	4.6	4.6	mg/kg	Y		EPA 6020
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Barium	7440-39-3	160	160	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Boron	7440-42-8	9.3	9.3	mg/kg	Y		EPA 6010
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Cadmium	7440-43-9	0.27		mg/kg	N	U	EPA 6010
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Chromium (total)	7440-47-3	15	15	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Chromium VI	18540-29-9	0.16		mg/kg	N	U	EPA 7199
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Cobalt	7440-48-4	7.1	7.1	mg/kg	Y		EPA 6010
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Copper	7440-50-8	17	17	mg/kg	Y		EPA 6010
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Iron	7439-89-6	18000	18000	mg/kg	Y		EPA 6010
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Lead	7439-92-1	7.7	7.7	mg/kg	Y		EPA 6010

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Magnesium	7439-95-4	13000	13000	mg/kg	Y		EPA 6010
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Manganese	7439-96-5	370	370	mg/kg	Y		EPA 6010
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Mercury	7439-97-6	0.013		mg/kg	N	U	EPA 7471
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Molybdenum	7439-98-7	1.1		mg/kg	N	U	EPA 6010
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Nickel	7440-02-0	16	16	mg/kg	Y		EPA 6010
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Niobium	7440-03-1	3.1		mg/kg	N	U	EPA 6020
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Phosphorus (total)	7723-14-0	780	780	mg/kg	Y		EPA 6010
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Silver	7440-22-4	0.82		mg/kg	N	U	EPA 6010
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Strontium	7440-24-6	210	210	mg/kg	Y	J	EPA 6010
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Thallium	7440-28-0	0.51		mg/kg	N	U	EPA 6020
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Tungsten	7440-33-7	2.7		mg/kg	N	UJ	EPA 6010
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Vanadium	7440-62-2	50	50	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	Metals	Zirconium	7440-67-7	21	21	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	2,4'-DDE	3424-82-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	4,4'-DDE	72-55-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	4,4'-DDT	50-29-3	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	beta-BHC	319-85-7	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	Hexachlorobenzene	118-74-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	Toxaphene	8001-35-2	0.054		mg/kg	N	U	EPA 8081
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	1-Methylnaphthalene	90-12-0	0.35		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	2-Methylnaphthalene	91-57-6	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	Acenaphthene	83-32-9	0.0093		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	Acenaphthylene	208-96-8	0.0093		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	Anthracene	120-12-7	0.0093		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	Benzo(a)anthracene	56-55-3	0.0093		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	Benzo(a)pyrene	50-32-8	0.0093		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	Benzo(b)fluoranthene	205-99-2	0.0093		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0093		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	Benzo(k)fluoranthene	207-08-9	0.0093		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	Chrysene	218-01-9	0.0093		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0093		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	Fluoranthene	206-44-0	0.0093		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	Fluorene	86-73-7	0.0093		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0093		mg/kg	N	UJ	EPA 8270C SIM
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	Naphthalene	91-20-3	0.0093		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	Phenanthrene	85-01-8	0.0093		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	Pyrene	129-00-0	0.0093		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PCBs	Aroclor-1260	11096-82-5	0.038		mg/kg	N	U	EPA 8082
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	RAD	Radium-226	Ra-226	1.02	1.02	pCi/g	Y		EPA 903.0
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	RAD	Radium-228	Ra-228	1.11	1.11	pCi/g	Y		EPA 904.0
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	RAD	Thorium-228	Th-228	1.63	1.63	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	RAD	Thorium-230	Th-230	1.14	1.14	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	RAD	Thorium-232	Th-232	1.49	1.49	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.3		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.17		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	2,4-Dichlorophenol	120-83-2	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	2,4-Dimethylphenol	105-67-9	0.3		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	2,4-Dinitrophenol	51-28-5	0.77		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	2,4-Dinitrotoluene	121-14-2	0.19		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	2,6-Dinitrotoluene	606-20-2	0.22		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	2-Chloronaphthalene	91-58-7	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	2-Chlorophenol	95-57-8	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	2-Methylphenol	95-48-7	0.19		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	2-Nitroaniline	88-74-4	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	2-Nitrophenol	88-75-5	0.31		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	3&4-Methylphenol	1319-77-3MP	0.31		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.35		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	3-Nitroaniline	99-09-2	0.31		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.17		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	4-Chloroaniline	106-47-8	0.31		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.2		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	4-Nitroaniline	100-01-6	0.31		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	4-Nitrophenol	100-02-7	0.33		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	Aniline	62-53-3	0.2		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	Benzoic acid	65-85-0	0.79		mg/kg	N	UJ	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	Benzyl alcohol	100-51-6	0.35		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.31		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.21		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	Butylbenzylphthalate	85-68-7	0.19		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	Dibenzofuran	132-64-9	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	Diethylphthalate	84-66-2	0.22		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	Dimethylphthalate	131-11-3	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	Di-n-butylphthalate	84-74-2	0.21		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	Di-n-octylphthalate	117-84-0	0.21		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	Hexachlorobutadiene	87-68-3	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.31		mg/kg	N	UJ	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	Hexachloroethane	67-72-1	0.31		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	Isophorone	78-59-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	Nitrobenzene	98-95-3	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.19		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	Octachlorostyrene	29082-74-4	5.3		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	Pentachlorophenol	87-86-5	0.79		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	Phenol	108-95-2	0.21		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	SVOCs	Pyridine	110-86-1	0.35		mg/kg	N	U	EPA 8270
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	1,1,1-Trichloroethane	71-55-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	1,1,2-Trichloroethane	79-00-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	1,1-Dichloroethane	75-34-3	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	1,1-Dichloroethene	75-35-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	1,1-Dichloropropene	563-58-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	1,2,3-Trichloropropane	96-18-4	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0019		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	1,2-Dibromoethane	106-93-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	1,2-Dichlorobenzene	95-50-1	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	1,2-Dichloroethane	107-06-2	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	1,2-Dichloropropane	78-87-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	1,3-Dichlorobenzene	541-73-1	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	1,3-Dichloropropane	142-28-9	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	1,4-Dichlorobenzene	106-46-7	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	2,2-Dichloropropane	594-20-7	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	2-Butanone	78-93-3	0.0047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	2-Chlorotoluene	95-49-8	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	2-Hexanone	591-78-6	0.0047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	4-Chlorotoluene	106-43-4	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	4-Methyl-2-pentanone	108-10-1	0.0024		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Acetone	67-64-1	0.0076		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Benzene	71-43-2	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Bromobenzene	108-86-1	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Bromochloromethane	74-97-5	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Bromodichloromethane	75-27-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Bromoform	75-25-2	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Bromomethane	74-83-9	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Carbon tetrachloride	56-23-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Chlorobenzene	108-90-7	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Chloroethane	75-00-3	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Chloroform	67-66-3	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Chloromethane	74-87-3	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Cumene	98-82-8	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Dibromochloromethane	124-48-1	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Dibromomethane	74-95-3	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Dichlorodifluoromethane	75-71-8	0.00094		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Diisopropyl ether	108-20-3	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Ethyl benzene	100-41-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Ethyl tert-butyl ether	637-92-3	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	m,p-Xylene	179601-23-1	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Methyl tert-butyl ether	1634-04-4	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Methylene Chloride	75-09-2	0.0047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	n-Butylbenzene	104-51-8	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	n-Propylbenzene	103-65-1	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	o-Xylene	95-47-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	p-Cymene	99-87-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	sec-Butylbenzene	135-98-8	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Styrene	100-42-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	t-Amyl methyl ether	994-05-8	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	tert Butyl alcohol	75-65-0	0.0094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	tert-Butylbenzene	98-06-6	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Tetrachloroethene	127-18-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Toluene	108-88-3	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Trichloroethene	79-01-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Trichlorofluoromethane	75-69-4	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	VOCs	Vinyl chloride	75-01-4	0.00094		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Chlorine Oxyanions	Chlorate	14866-68-3	0.55	0.55	mg/kg	Y	J	EPA 300.1
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Chlorine Oxyanions	Perchlorate	14797-73-0	0.21	0.21	mg/kg	Y		EPA 314.0
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00042	0.00042	mg/kg	Y		EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00016	0.00016	mg/kg	Y		EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000016	0.000016	mg/kg	Y	J	EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000067	0.000067	mg/kg	Y		EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000067	0.000067	mg/kg	Y		EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000027	0.0000027	mg/kg	Y	J	EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000044	0.000044	mg/kg	Y	J	EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000041	0.0000041	mg/kg	Y	J	EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000072	0.0000072	mg/kg	Y	J	EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000034	0.0000034	mg/kg	Y	J	EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00003	0.00003	mg/kg	Y	J	EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000015		mg/kg	N	U	EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00001	0.00001	mg/kg	Y	J	EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000014	0.000014	mg/kg	Y	J	EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000013		mg/kg	N	U	EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	HpCDD (total)	37871-00-4	0.000025	0.000025	mg/kg	Y	J	EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	HpCDF (total)	38998-75-3	0.00032	0.00032	mg/kg	Y		EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	HxCDD (total)	34465-46-8	0.00002	0.00002	mg/kg	Y	J	EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	HxCDF (total)	55684-94-1	0.00029	0.00029	mg/kg	Y	J	EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	PeCDD (total)	36088-22-9	0.0000083	0.0000083	mg/kg	Y	J	EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	PeCDF (total)	30402-15-4	0.00023	0.00023	mg/kg	Y	J	EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	TCDD (total)	41903-57-5	0.000005	0.000005	mg/kg	Y	J	EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Dioxins	TCDF (total)	30402-14-3	0.00013	0.00013	mg/kg	Y	J	EPA 8290
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	General Chemistry	Nitrate	14797-55-8	11	11	mg/kg	Y	J-	EPA 300
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	General Chemistry	Nitrate/Nitrite	NO3/NO2	11.07142857	11.07142857	mg/kg	Y	J-	EPA 300
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6020
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Arsenic	7440-38-2	4.4	4.4	mg/kg	Y		EPA 6020
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Barium	7440-39-3	80	80	mg/kg	Y		EPA 6010
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Boron	7440-42-8	7.3	7.3	mg/kg	Y		EPA 6010
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Chromium (total)	7440-47-3	10	10	mg/kg	Y		EPA 6010
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Chromium VI	18540-29-9	0.16		mg/kg	N	U	EPA 7199
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Cobalt	7440-48-4	2.7	2.7	mg/kg	Y		EPA 6010
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Copper	7440-50-8	11	11	mg/kg	Y		EPA 6010
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Iron	7439-89-6	14000	14000	mg/kg	Y		EPA 6010
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Lead	7439-92-1	9	9	mg/kg	Y		EPA 6010
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Magnesium	7439-95-4	6900	6900	mg/kg	Y		EPA 6010
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Manganese	7439-96-5	200	200	mg/kg	Y		EPA 6010
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Mercury	7439-97-6	0.013		mg/kg	N	U	EPA 7471
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Nickel	7440-02-0	5.1	5.1	mg/kg	Y		EPA 6010
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Niobium	7440-03-1	3		mg/kg	N	U	EPA 6020
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Phosphorus (total)	7723-14-0	690	690	mg/kg	Y		EPA 6010
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Silver	7440-22-4	0.78		mg/kg	N	U	EPA 6010
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Strontium	7440-24-6	88	88	mg/kg	Y		EPA 6010
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Thallium	7440-28-0	0.5		mg/kg	N	U	EPA 6020
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Tungsten	7440-33-7	9.4	9.4	mg/kg	Y	J-	EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Vanadium	7440-62-2	39	39	mg/kg	Y		EPA 6010
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	Metals	Zirconium	7440-67-7	5.2		mg/kg	N	U	EPA 6010
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	2,4'-DDE	3424-82-6	0.0016		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	4,4'-DDE	72-55-9	0.0016		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	4,4'-DDT	50-29-3	0.0016		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	beta-BHC	319-85-7	0.0016		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	Hexachlorobenzene	118-74-1	0.073		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	Toxaphene	8001-35-2	0.052		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	1-Methylnaphthalene	90-12-0	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	2-Methylnaphthalene	91-57-6	0.073		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	Acenaphthene	83-32-9	0.0042		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	Acenaphthylene	208-96-8	0.0042		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	Anthracene	120-12-7	0.0042		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	Benzo(a)anthracene	56-55-3	0.0042		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	Benzo(a)pyrene	50-32-8	0.0042		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	Benzo(b)fluoranthene	205-99-2	0.0042		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0042		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	Benzo(k)fluoranthene	207-08-9	0.0042		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	Chrysene	218-01-9	0.0042		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0042		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	Fluoranthene	206-44-0	0.0042		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	Fluorene	86-73-7	0.0042		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0042		mg/kg	N	UJ	EPA 8270C SIM
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	Naphthalene	91-20-3	0.0042		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	Phenanthrene	85-01-8	0.0042		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	Pyrene	129-00-0	0.0042		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PCBs	Aroclor-1260	11096-82-5	0.018		mg/kg	N	U	EPA 8082
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	RAD	Radium-226	Ra-226	0.748	0.748	pCi/g	Y		EPA 903.0
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	RAD	Radium-228	Ra-228	1.14	1.14	pCi/g	Y		EPA 904.0
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	RAD	Thorium-228	Th-228	1.95	1.95	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	RAD	Thorium-230	Th-230	0.967	0.967	pCi/g	Y	J	DOE EML HASL 300 A-01-R
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	RAD	Thorium-232	Th-232	1.61	1.61	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.078		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	2,4-Dichlorophenol	120-83-2	0.07		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	2,4-Dimethylphenol	105-67-9	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	2,4-Dinitrophenol	51-28-5	0.35		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	2,4-Dinitrotoluene	121-14-2	0.084		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	2,6-Dinitrotoluene	606-20-2	0.099		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	2-Chloronaphthalene	91-58-7	0.07		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	2-Chlorophenol	95-57-8	0.073		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	2-Methylphenol	95-48-7	0.084		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	2-Nitroaniline	88-74-4	0.07		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.078		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.073		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.089		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	4-Nitrophenol	100-02-7	0.15		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	Aniline	62-53-3	0.089		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	Benzidine	92-87-5	0.69		mg/kg	N	UJ	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	Benzoic acid	65-85-0	0.36		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	Benzyl alcohol	100-51-6	0.16		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.073		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.094		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	Butylbenzylphthalate	85-68-7	0.084		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	Dibenzofuran	132-64-9	0.07		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	Diethylphthalate	84-66-2	0.099		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	Dimethylphthalate	131-11-3	0.07		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	Di-n-butylphthalate	84-74-2	0.094		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	Di-n-octylphthalate	117-84-0	0.094		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	UJ	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	Isophorone	78-59-1	0.07		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	Nitrobenzene	98-95-3	0.073		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.073		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.084		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	Pentachlorophenol	87-86-5	0.36		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	Phenol	108-95-2	0.094		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	SVOCs	Pyridine	110-86-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	1,1,1-Trichloroethane	71-55-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	1,1,2-Trichloroethane	79-00-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	1,1-Dichloroethane	75-34-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	1,1-Dichloroethene	75-35-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	1,1-Dichloropropene	563-58-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	1,2-Dibromoethane	106-93-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	1,2-Dichlorobenzene	95-50-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	1,2-Dichloroethane	107-06-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	1,2-Dichloropropane	78-87-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	1,3-Dichlorobenzene	541-73-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	1,3-Dichloropropane	142-28-9	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	1,4-Dichlorobenzene	106-46-7	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	2-Butanone	78-93-3	0.005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	2-Hexanone	591-78-6	0.005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Acetone	67-64-1	0.0081		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Benzene	71-43-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Bromodichloromethane	75-27-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Carbon tetrachloride	56-23-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Chlorobenzene	108-90-7	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Chloroform	67-66-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Cumene	98-82-8	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Dibromochloromethane	124-48-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Dibromomethane	74-95-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Ethyl benzene	100-41-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Methylene Chloride	75-09-2	0.005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	n-Propylbenzene	103-65-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	o-Xylene	95-47-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	p-Cymene	99-87-6	0.0005		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Styrene	100-42-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Tetrachloroethene	127-18-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Toluene	108-88-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Trichloroethene	79-01-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Chlorine Oxyanions	Chlorate	14866-68-3	2.3	2.3	mg/kg	Y		EPA 300.1
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Chlorine Oxyanions	Perchlorate	14797-73-0	2.6	2.6	mg/kg	Y		EPA 314.0
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00039	0.00039	mg/kg	Y		EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000016	0.000016	mg/kg	Y	J	EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00015	0.00015	mg/kg	Y		EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000011	0.000011	mg/kg	Y	J	EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000054	0.000054	mg/kg	Y		EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000051	0.000051	mg/kg	Y		EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000014	0.0000014	mg/kg	Y	J	EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000035	0.000035	mg/kg	Y	J	EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000003	0.000003	mg/kg	Y	J	EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000051	0.0000051	mg/kg	Y	J	EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000027	0.0000027	mg/kg	Y	J	EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000024	0.000024	mg/kg	Y	J	EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000016	0.0000016	mg/kg	Y	J	EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000084	0.0000084	mg/kg	Y	J	EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000013	0.000013	mg/kg	Y	J	EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000046	0.00000046	mg/kg	Y	J	EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	HpCDD (total)	37871-00-4	0.000017	0.000017	mg/kg	Y	J	EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	HpCDF (total)	38998-75-3	0.00029	0.00029	mg/kg	Y		EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	HxCDD (total)	34465-46-8	0.000021	0.000021	mg/kg	Y	J	EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	HxCDF (total)	55684-94-1	0.00024	0.00024	mg/kg	Y	J	EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	PeCDD (total)	36088-22-9	0.000015	0.000015	mg/kg	Y	J	EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	PeCDF (total)	30402-15-4	0.00018	0.00018	mg/kg	Y		EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	TCDD (total)	41903-57-5	0.000011	0.000011	mg/kg	Y	J	EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Dioxins	TCDF (total)	30402-14-3	0.00014	0.00014	mg/kg	Y	J	EPA 8290
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	General Chemistry	Nitrate	14797-55-8	19	19	mg/kg	Y		EPA 300
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	General Chemistry	Nitrate/Nitrite	NO3/NO2	19.04285714	19.04285714	mg/kg	Y		EPA 300
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6020
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Arsenic	7440-38-2	5.5	5.5	mg/kg	Y		EPA 6020
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Barium	7440-39-3	200	200	mg/kg	Y		EPA 6010
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Boron	7440-42-8	9.3	9.3	mg/kg	Y		EPA 6010
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Cadmium	7440-43-9	0.27		mg/kg	N	U	EPA 6010
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Chromium (total)	7440-47-3	19	19	mg/kg	Y		EPA 6010
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Chromium VI	18540-29-9	0.16		mg/kg	N	U	EPA 7199
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Cobalt	7440-48-4	6.8	6.8	mg/kg	Y		EPA 6010
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Copper	7440-50-8	20	20	mg/kg	Y		EPA 6010
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Iron	7439-89-6	21000	21000	mg/kg	Y		EPA 6010
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Lead	7439-92-1	8.5	8.5	mg/kg	Y		EPA 6010
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Magnesium	7439-95-4	14000	14000	mg/kg	Y		EPA 6010
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Manganese	7439-96-5	350	350	mg/kg	Y		EPA 6010
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Mercury	7439-97-6	0.85	0.85	mg/kg	Y		EPA 7471
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Molybdenum	7439-98-7	1.1		mg/kg	N	U	EPA 6010
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Nickel	7440-02-0	17	17	mg/kg	Y		EPA 6010
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Niobium	7440-03-1	3		mg/kg	N	U	EPA 6020
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Phosphorus (total)	7723-14-0	900	900	mg/kg	Y		EPA 6010
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Silver	7440-22-4	0.8		mg/kg	N	U	EPA 6010
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Strontium	7440-24-6	230	230	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Thallium	7440-28-0	0.5		mg/kg	N	U	EPA 6020
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Tungsten	7440-33-7	2.7		mg/kg	N	UJ	EPA 6010
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Vanadium	7440-62-2	60	60	mg/kg	Y		EPA 6010
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	Metals	Zirconium	7440-67-7	27	27	mg/kg	Y		EPA 6010
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	2,4'-DDE	3424-82-6	0.0036	0.0036	mg/kg	Y	J	EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	4,4'-DDE	72-55-9	0.0085	0.0085	mg/kg	Y		EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	4,4'-DDT	50-29-3	0.0024	0.0024	mg/kg	Y	J	EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	alpha-Chlordane	5103-71-9	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	beta-BHC	319-85-7	0.0016		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	Endosulfan sulfate	1031-07-8	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	Endrin ketone	53494-70-5	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	Heptachlor	76-44-8	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	Heptachlor epoxide	1024-57-3	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	Hexachlorobenzene	118-74-1	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	Toxaphene	8001-35-2	0.054		mg/kg	N	U	EPA 8081
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	1-Methylnaphthalene	90-12-0	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	2-Methylnaphthalene	91-57-6	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	Acenaphthene	83-32-9	0.0089		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	Acenaphthylene	208-96-8	0.0089		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	Anthracene	120-12-7	0.0089		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	Benzo(a)anthracene	56-55-3	0.0089		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	Benzo(a)pyrene	50-32-8	0.0089		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	Benzo(b)fluoranthene	205-99-2	0.0089		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0089		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	Benzo(k)fluoranthene	207-08-9	0.0089		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	Chrysene	218-01-9	0.0089		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0089		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	Fluoranthene	206-44-0	0.0089		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	Fluorene	86-73-7	0.0089		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0089		mg/kg	N	UJ	EPA 8270C SIM
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	Naphthalene	91-20-3	0.0089		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	Phenanthrene	85-01-8	0.0089		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	Pyrene	129-00-0	0.0089		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PCBs	Aroclor-1260	11096-82-5	0.018		mg/kg	N	U	EPA 8082
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	RAD	Radium-226	Ra-226	1.25	1.25	pCi/g	Y		EPA 903.0
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	RAD	Radium-228	Ra-228	1.17	1.17	pCi/g	Y		EPA 904.0
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	RAD	Thorium-228	Th-228	1.27	1.27	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	RAD	Thorium-230	Th-230	1.11	1.11	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	RAD	Thorium-232	Th-232	1.08	1.08	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.081		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	2,4-Dichlorophenol	120-83-2	0.072		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	2,4-Dimethylphenol	105-67-9	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	2,4-Dinitrophenol	51-28-5	0.36		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	2,4-Dinitrotoluene	121-14-2	0.086		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	2,6-Dinitrotoluene	606-20-2	0.1		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	2-Chloronaphthalene	91-58-7	0.072		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	2-Chlorophenol	95-57-8	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	2-Methylphenol	95-48-7	0.086		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	2-Nitroaniline	88-74-4	0.072		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.081		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.092		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	4-Nitrophenol	100-02-7	0.15		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	Aniline	62-53-3	0.092		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	Benzidine	92-87-5	0.71		mg/kg	N	UJ	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	Benzoic acid	65-85-0	0.37		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	Benzyl alcohol	100-51-6	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.097		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	Butylbenzylphthalate	85-68-7	0.086		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	Dibenzofuran	132-64-9	0.072		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	Diethylphthalate	84-66-2	0.1		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	Dimethylphthalate	131-11-3	0.072		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	Di-n-butylphthalate	84-74-2	0.097		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	Di-n-octylphthalate	117-84-0	0.097		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	Hexachlorobutadiene	87-68-3	0.00093		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	UJ	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	Isophorone	78-59-1	0.072		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	Nitrobenzene	98-95-3	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.086		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	Octachlorostyrene	29082-74-4	2.5		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	Pentachlorophenol	87-86-5	0.37		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	Phenol	108-95-2	0.097		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	SVOCs	Pyridine	110-86-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	1,1,1-Trichloroethane	71-55-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	1,1,2-Trichloroethane	79-00-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	1,1-Dichloroethane	75-34-3	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	1,1-Dichloroethene	75-35-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	1,1-Dichloropropene	563-58-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	1,2,3-Trichloropropane	96-18-4	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0019		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	1,2-Dibromoethane	106-93-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	1,2-Dichlorobenzene	95-50-1	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	1,2-Dichloroethane	107-06-2	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	1,2-Dichloropropane	78-87-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	1,3-Dichlorobenzene	541-73-1	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	1,3-Dichloropropane	142-28-9	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	1,4-Dichlorobenzene	106-46-7	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	2,2-Dichloropropane	594-20-7	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	2-Butanone	78-93-3	0.0047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	2-Chlorotoluene	95-49-8	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	2-Hexanone	591-78-6	0.0047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	4-Chlorotoluene	106-43-4	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	4-Methyl-2-pentanone	108-10-1	0.0023		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Acetone	67-64-1	0.0074		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Benzene	71-43-2	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Bromobenzene	108-86-1	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Bromochloromethane	74-97-5	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Bromodichloromethane	75-27-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Bromoform	75-25-2	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Bromomethane	74-83-9	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Carbon tetrachloride	56-23-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Chlorobenzene	108-90-7	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Chloroethane	75-00-3	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Chloroform	67-66-3	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Chloromethane	74-87-3	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Cumene	98-82-8	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Dibromochloromethane	124-48-1	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Dibromomethane	74-95-3	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Dichlorodifluoromethane	75-71-8	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Diisopropyl ether	108-20-3	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Ethyl benzene	100-41-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Ethyl tert-butyl ether	637-92-3	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	m,p-Xylene	179601-23-1	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Methyl tert-butyl ether	1634-04-4	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Methylene Chloride	75-09-2	0.0047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	n-Butylbenzene	104-51-8	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	n-Propylbenzene	103-65-1	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	o-Xylene	95-47-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	p-Cymene	99-87-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	sec-Butylbenzene	135-98-8	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Styrene	100-42-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	t-Amyl methyl ether	994-05-8	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	tert Butyl alcohol	75-65-0	0.0093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	tert-Butylbenzene	98-06-6	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Tetrachloroethene	127-18-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Toluene	108-88-3	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Trichloroethene	79-01-6	0.00047		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Trichlorofluoromethane	75-69-4	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	VOCs	Vinyl chloride	75-01-4	0.00093		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Chlorine Oxyanions	Chlorate	14866-68-3	0.79	0.79	mg/kg	Y	J	EPA 300.1
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Chlorine Oxyanions	Perchlorate	14797-73-0	0.41	0.41	mg/kg	Y	J-	EPA 314.0
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000091	0.000091	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000069	0.000069	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000032	0.000032	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000074	0.0000074	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000014	0.000014	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000013	0.000013	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000011	0.0000011	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000088	0.0000088	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000017	0.0000017	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000026	0.0000026	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000021	0.0000021	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000056	0.0000056	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000094	0.00000094	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000003	0.000003	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000032	0.0000032	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000059	0.0000059	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000002		mg/kg	N	U	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	HpCDD (total)	37871-00-4	0.000011	0.000011	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	HpCDF (total)	38998-75-3	0.000065	0.000065	mg/kg	Y		EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	HxCDD (total)	34465-46-8	0.0000076	0.0000076	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	HxCDF (total)	55684-94-1	0.000057	0.000057	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	PeCDD (total)	36088-22-9	0.0000039	0.0000039	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	PeCDF (total)	30402-15-4	0.000042	0.000042	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	TCDD (total)	41903-57-5	0.0000014	0.0000014	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Dioxins	TCDF (total)	30402-14-3	0.000032	0.000032	mg/kg	Y	J	EPA 8290
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	General Chemistry	Nitrate	14797-55-8	21	21	mg/kg	Y		EPA 300
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	General Chemistry	Nitrate/Nitrite	NO3/NO2	20.81428571	20.81428571	mg/kg	Y		EPA 300
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Antimony	7440-36-0	0.47		mg/kg	N	UJ	EPA 6020
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Arsenic	7440-38-2	5	5	mg/kg	Y		EPA 6020
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Barium	7440-39-3	170	170	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Boron	7440-42-8	10	10	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Cadmium	7440-43-9	0.27		mg/kg	N	U	EPA 6010
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Chromium (total)	7440-47-3	19	19	mg/kg	Y		EPA 6010
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Chromium VI	18540-29-9	0.16		mg/kg	N	UJ	EPA 7199
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Cobalt	7440-48-4	6.5	6.5	mg/kg	Y		EPA 6010
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Copper	7440-50-8	20	20	mg/kg	Y		EPA 6010
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Iron	7439-89-6	20000	20000	mg/kg	Y		EPA 6010
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Lead	7439-92-1	7	7	mg/kg	Y		EPA 6010
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Magnesium	7439-95-4	14000	14000	mg/kg	Y		EPA 6010
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Manganese	7439-96-5	300	300	mg/kg	Y		EPA 6010
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Mercury	7439-97-6	0.013		mg/kg	N	U	EPA 7471
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Molybdenum	7439-98-7	1.1		mg/kg	N	U	EPA 6010
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Nickel	7440-02-0	16	16	mg/kg	Y		EPA 6010
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Niobium	7440-03-1	2.8		mg/kg	N	U	EPA 6020
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Phosphorus (total)	7723-14-0	610	610	mg/kg	Y		EPA 6010
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Silver	7440-22-4	0.82		mg/kg	N	U	EPA 6010
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Strontium	7440-24-6	250	250	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Thallium	7440-28-0	0.47		mg/kg	N	U	EPA 6020
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Tungsten	7440-33-7	2.7		mg/kg	N	UJ	EPA 6010
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Vanadium	7440-62-2	65	65	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	Metals	Zirconium	7440-67-7	30	30	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	2,4'-DDE	3424-82-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	4,4'-DDE	72-55-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	4,4'-DDT	50-29-3	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	alpha-Chlordane	5103-71-9	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	beta-BHC	319-85-7	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	Endosulfan sulfate	1031-07-8	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	Endrin ketone	53494-70-5	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	Heptachlor	76-44-8	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	Heptachlor epoxide	1024-57-3	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	Hexachlorobenzene	118-74-1	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	Toxaphene	8001-35-2	0.054		mg/kg	N	U	EPA 8081
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	1-Methylnaphthalene	90-12-0	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	2-Methylnaphthalene	91-57-6	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	Acenaphthene	83-32-9	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	Acenaphthylene	208-96-8	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	Anthracene	120-12-7	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	Benzo(a)anthracene	56-55-3	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	Benzo(a)pyrene	50-32-8	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	Benzo(b)fluoranthene	205-99-2	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	Benzo(k)fluoranthene	207-08-9	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	Chrysene	218-01-9	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	Fluoranthene	206-44-0	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	Fluorene	86-73-7	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0043		mg/kg	N	UJ	EPA 8270C SIM
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	Naphthalene	91-20-3	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	Phenanthrene	85-01-8	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	Pyrene	129-00-0	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PCBs	Aroclor-1260	11096-82-5	0.019		mg/kg	N	U	EPA 8082
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	RAD	Radium-226	Ra-226	0.979	0.979	pCi/g	Y		EPA 903.0
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	RAD	Radium-228	Ra-228	1.28	1.28	pCi/g	Y		EPA 904.0
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	RAD	Thorium-228	Th-228	1.68	1.68	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	RAD	Thorium-230	Th-230	1.45	1.45	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	RAD	Thorium-232	Th-232	1.69	1.69	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.081		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	2,4-Dichlorophenol	120-83-2	0.073		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	2,4-Dimethylphenol	105-67-9	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	2,4-Dinitrophenol	51-28-5	0.36		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	2,4-Dinitrotoluene	121-14-2	0.087		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	2,6-Dinitrotoluene	606-20-2	0.1		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	2-Chloronaphthalene	91-58-7	0.073		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	2-Chlorophenol	95-57-8	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	2-Methylphenol	95-48-7	0.087		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	2-Nitroaniline	88-74-4	0.073		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.081		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.092		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	4-Nitrophenol	100-02-7	0.15		mg/kg	N	UJ	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	Aniline	62-53-3	0.092		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	Benzidine	92-87-5	0.72		mg/kg	N	UJ	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	Benzoic acid	65-85-0	0.37		mg/kg	N	UJ	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	Benzyl alcohol	100-51-6	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.098		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	Butylbenzylphthalate	85-68-7	0.087		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	Dibenzofuran	132-64-9	0.073		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	Diethylphthalate	84-66-2	0.1		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	Dimethylphthalate	131-11-3	0.073		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	Di-n-butylphthalate	84-74-2	0.098		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	Di-n-octylphthalate	117-84-0	0.098		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	Isophorone	78-59-1	0.073		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	Nitrobenzene	98-95-3	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.087		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	Octachlorostyrene	29082-74-4	2.5		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	Pentachlorophenol	87-86-5	0.37		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	Phenol	108-95-2	0.098		mg/kg	N	U	EPA 8270
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	SVOCs	Pyridine	110-86-1	0.16		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	1,1,1-Trichloroethane	71-55-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	1,1,2-Trichloroethane	79-00-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	1,1-Dichloroethane	75-34-3	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	1,1-Dichloroethene	75-35-4	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	1,1-Dichloropropene	563-58-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0021		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	1,2-Dibromoethane	106-93-4	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	1,2-Dichlorobenzene	95-50-1	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	1,2-Dichloroethane	107-06-2	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	1,2-Dichloropropane	78-87-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	1,3-Dichlorobenzene	541-73-1	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	1,3-Dichloropropane	142-28-9	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	1,4-Dichlorobenzene	106-46-7	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	2-Butanone	78-93-3	0.0052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	2-Hexanone	591-78-6	0.0052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	4-Methyl-2-pentanone	108-10-1	0.0026		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Acetone	67-64-1	0.0083		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Benzene	71-43-2	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Bromodichloromethane	75-27-4	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Carbon tetrachloride	56-23-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Chlorobenzene	108-90-7	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Chloroform	67-66-3	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Cumene	98-82-8	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Dibromochloromethane	124-48-1	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Dibromomethane	74-95-3	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Ethyl benzene	100-41-4	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Methylene Chloride	75-09-2	0.0052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	n-Propylbenzene	103-65-1	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	o-Xylene	95-47-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	p-Cymene	99-87-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Styrene	100-42-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Tetrachloroethene	127-18-4	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Toluene	108-88-3	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Trichloroethene	79-01-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Chlorine Oxyanions	Chlorate	14866-68-3	1200	1200	mg/kg	Y		EPA 300.1
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Chlorine Oxyanions	Perchlorate	14797-73-0	450	450	mg/kg	Y		EPA 314.0
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.004	0.004	mg/kg	Y		EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00015	0.00015	mg/kg	Y		EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0015	0.0015	mg/kg	Y		EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000086	0.000086	mg/kg	Y		EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00056	0.00056	mg/kg	Y		EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00057	0.00057	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000093	0.0000093	mg/kg	Y	J	EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00036	0.00036	mg/kg	Y		EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000021	0.000021	mg/kg	Y	J	EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000041	0.000041	mg/kg	Y	J	EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000021	0.000021	mg/kg	Y	J	EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00024	0.00024	mg/kg	Y		EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000014	0.000014	mg/kg	Y	J	EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000076	0.000076	mg/kg	Y		EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000041	0.0000041	mg/kg	Y	J	EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	HpCDD (total)	37871-00-4	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	HpCDF (total)	38998-75-3	0.0029	0.0029	mg/kg	Y		EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	HxCDD (total)	34465-46-8	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	HxCDF (total)	55684-94-1	0.0024	0.0024	mg/kg	Y		EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	PeCDD (total)	36088-22-9	0.00013	0.00013	mg/kg	Y	J	EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	PeCDF (total)	30402-15-4	0.0019	0.0019	mg/kg	Y	J	EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	TCDD (total)	41903-57-5	0.00011	0.00011	mg/kg	Y	J	EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Dioxins	TCDF (total)	30402-14-3	0.0016	0.0016	mg/kg	Y	J	EPA 8290
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	General Chemistry	Nitrate	14797-55-8	64	64	mg/kg	Y	J	EPA 300
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	General Chemistry	Nitrate/Nitrite	NO3/NO2	62	62	mg/kg	Y	J	EPA 300
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	UJ	EPA 300
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Antimony	7440-36-0	0.53		mg/kg	N	UJ	EPA 6020
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Arsenic	7440-38-2	4.7	4.7	mg/kg	Y		EPA 6020
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Barium	7440-39-3	160	160	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Boron	7440-42-8	34	34	mg/kg	Y		EPA 6010
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Cadmium	7440-43-9	0.28		mg/kg	N	U	EPA 6010
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Chromium (total)	7440-47-3	17	17	mg/kg	Y		EPA 6010
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Chromium VI	18540-29-9	0.17		mg/kg	N	UJ	EPA 7199
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Cobalt	7440-48-4	5.5	5.5	mg/kg	Y		EPA 6010
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Copper	7440-50-8	16	16	mg/kg	Y		EPA 6010
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Iron	7439-89-6	18000	18000	mg/kg	Y		EPA 6010
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Lead	7439-92-1	7.9	7.9	mg/kg	Y		EPA 6010
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Magnesium	7439-95-4	18000	18000	mg/kg	Y		EPA 6010
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Manganese	7439-96-5	300	300	mg/kg	Y		EPA 6010
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Mercury	7439-97-6	0.013		mg/kg	N	U	EPA 7471
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Molybdenum	7439-98-7	1.1		mg/kg	N	U	EPA 6010
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Nickel	7440-02-0	14	14	mg/kg	Y		EPA 6010
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Niobium	7440-03-1	3.2		mg/kg	N	U	EPA 6020
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Phosphorus (total)	7723-14-0	770	770	mg/kg	Y		EPA 6010
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Silver	7440-22-4	0.83		mg/kg	N	U	EPA 6010
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Strontium	7440-24-6	190	190	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Thallium	7440-28-0	0.53		mg/kg	N	U	EPA 6020
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Tungsten	7440-33-7	0.27	0.27	mg/kg	Y	J	EPA 6010
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Vanadium	7440-62-2	52	52	mg/kg	Y		EPA 6010
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	Metals	Zirconium	7440-67-7	24	24	mg/kg	Y	J	EPA 6010
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	2,4'-DDE	3424-82-6	0.0066	0.0066	mg/kg	Y	J+	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	4,4'-DDD	72-54-8	0.016	0.016	mg/kg	Y	J	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	4,4'-DDE	72-55-9	0.016	0.016	mg/kg	Y	J	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	4,4'-DDT	50-29-3	0.016	0.016	mg/kg	Y	J+	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	Aldrin	309-00-2	0.0017		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	alpha-BHC	319-84-6	0.0017		mg/kg	N	U	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	alpha-Chlordane	5103-71-9	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	beta-BHC	319-85-7	0.0074	0.0074	mg/kg	Y	J+	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	delta-BHC	319-86-8	0.0017		mg/kg	N	U	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	Dieldrin	60-57-1	0.0017		mg/kg	N	U	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	Endosulfan I	959-98-8	0.0017		mg/kg	N	U	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	Endosulfan II	33213-65-9	0.0017		mg/kg	N	U	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	Endosulfan sulfate	1031-07-8	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	Endrin	72-20-8	0.0017		mg/kg	N	U	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	Endrin aldehyde	7421-93-4	0.0017		mg/kg	N	U	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	Endrin ketone	53494-70-5	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	gamma-BHC	58-89-9	0.0017		mg/kg	N	UJ	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	gamma-Chlordane	5103-74-2	0.0017		mg/kg	N	U	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	Heptachlor	76-44-8	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	Heptachlor epoxide	1024-57-3	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	Hexachlorobenzene	118-74-1	0.36	0.36	mg/kg	Y	J	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	Methoxychlor	72-43-5	0.0017		mg/kg	N	U	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	Toxaphene	8001-35-2	0.056		mg/kg	N	U	EPA 8081
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	1-Methylnaphthalene	90-12-0	0.35		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	2-Methylnaphthalene	91-57-6	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	Acenaphthene	83-32-9	0.0045		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	Acenaphthylene	208-96-8	0.0045		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	Anthracene	120-12-7	0.0045		mg/kg	N	U	EPA 8270C SIM

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	Benzo(a)anthracene	56-55-3	0.0045		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	Benzo(a)pyrene	50-32-8	0.0045		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	Benzo(b)fluoranthene	205-99-2	0.0045		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0045		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	Benzo(k)fluoranthene	207-08-9	0.0045		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	Chrysene	218-01-9	0.0045		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0045		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	Fluoranthene	206-44-0	0.0045		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	Fluorene	86-73-7	0.0045		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0045		mg/kg	N	UJ	EPA 8270C SIM
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	Naphthalene	91-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	Naphthalene	91-20-3	0.0045		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	Phenanthrene	85-01-8	0.0045		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	Pyrene	129-00-0	0.0045		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PCBs	Aroclor-1260	11096-82-5	0.04		mg/kg	N	U	EPA 8082
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	RAD	Radium-226	Ra-226	0.921	0.921	pCi/g	Y		EPA 903.0
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	RAD	Radium-228	Ra-228	0.838	0.838	pCi/g	Y		EPA 904.0
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	RAD	Thorium-228	Th-228	1.45	1.45	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	RAD	Thorium-230	Th-230	0.961	0.961	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	RAD	Thorium-232	Th-232	1.34	1.34	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.3		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.17		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	2,4-Dichlorophenol	120-83-2	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	2,4-Dimethylphenol	105-67-9	0.3		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	2,4-Dinitrophenol	51-28-5	0.77		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	2,4-Dinitrotoluene	121-14-2	0.19		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	2,6-Dinitrotoluene	606-20-2	0.22		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	2-Chloronaphthalene	91-58-7	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	2-Chlorophenol	95-57-8	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	2-Methylphenol	95-48-7	0.19		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	2-Nitroaniline	88-74-4	0.16		mg/kg	N	UJ	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	2-Nitrophenol	88-75-5	0.31		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	3&4-Methylphenol	1319-77-3MP	0.31		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.35		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	3-Nitroaniline	99-09-2	0.31		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.17		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	4-Chloroaniline	106-47-8	0.31		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.2		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	4-Nitroaniline	100-01-6	0.31		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	4-Nitrophenol	100-02-7	0.33		mg/kg	N	UJ	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	Aniline	62-53-3	0.2		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	Benzidine	92-87-5	1.5		mg/kg	N	UJ	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	Benzoic acid	65-85-0	0.79		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	Benzyl alcohol	100-51-6	0.35		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.31		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.21		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	Butylbenzylphthalate	85-68-7	0.19		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	Dibenzofuran	132-64-9	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	Diethylphthalate	84-66-2	0.22		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	Dimethylphthalate	131-11-3	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	Di-n-butylphthalate	84-74-2	0.21		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	Di-n-octylphthalate	117-84-0	0.21		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.31		mg/kg	N	UJ	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	Hexachloroethane	67-72-1	0.31		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	Isophorone	78-59-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	Nitrobenzene	98-95-3	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.19		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	Octachlorostyrene	29082-74-4	5.3		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	Pentachlorophenol	87-86-5	0.79		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	Phenol	108-95-2	0.21		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	SVOCs	Pyridine	110-86-1	0.35		mg/kg	N	U	EPA 8270
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	1,1,1-Trichloroethane	71-55-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	1,1,2-Trichloroethane	79-00-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	1,1-Dichloroethane	75-34-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	1,1-Dichloroethene	75-35-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	1,1-Dichloropropene	563-58-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	1,2-Dibromoethane	106-93-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	1,2-Dichlorobenzene	95-50-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	1,2-Dichloroethane	107-06-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	1,2-Dichloropropane	78-87-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	1,3-Dichlorobenzene	541-73-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	1,3-Dichloropropane	142-28-9	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	1,4-Dichlorobenzene	106-46-7	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	2-Butanone	78-93-3	0.005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	2-Hexanone	591-78-6	0.005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Acetone	67-64-1	0.008		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Benzene	71-43-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Bromodichloromethane	75-27-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Carbon tetrachloride	56-23-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Chlorobenzene	108-90-7	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Chloroform	67-66-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Cumene	98-82-8	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Dibromochloromethane	124-48-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Dibromomethane	74-95-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Ethyl benzene	100-41-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Methylene Chloride	75-09-2	0.005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	n-Propylbenzene	103-65-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	o-Xylene	95-47-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	p-Cymene	99-87-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Styrene	100-42-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Tetrachloroethene	127-18-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Toluene	108-88-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Trichloroethene	79-01-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Chlorine Oxyanions	Chlorate	14866-68-3	31	31	mg/kg	Y		EPA 300.1
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Chlorine Oxyanions	Perchlorate	14797-73-0	43	43	mg/kg	Y		EPA 314.0
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00016	0.00016	mg/kg	Y		EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000038	0.000038	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000064	0.000064	mg/kg	Y		EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000068	0.0000068	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000024	0.000024	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000028	0.000028	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000082	0.00000082	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000017	0.000017	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000017	0.0000017	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000032	0.0000032	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000015	0.0000015	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000011	0.000011	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000076	0.00000076	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000034	0.0000034	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000056	0.0000056	mg/kg	Y	J	EPA 8290

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000058	0.0000058	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000027		mg/kg	N	U	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	HpCDD (total)	37871-00-4	0.000012	0.000012	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	HpCDF (total)	38998-75-3	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	HxCDD (total)	34465-46-8	0.00001	0.00001	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	HxCDF (total)	55684-94-1	0.00012	0.00012	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	PeCDD (total)	36088-22-9	0.0000064	0.0000064	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	PeCDF (total)	30402-15-4	0.000088	0.000088	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	TCDD (total)	41903-57-5	0.0000039	0.0000039	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Dioxins	TCDF (total)	30402-14-3	0.000065	0.000065	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	General Chemistry	Nitrate	14797-55-8	44	44	mg/kg	Y		EPA 300
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	General Chemistry	Nitrate/Nitrite	NO3/NO2	43.84285714	43.84285714	mg/kg	Y		EPA 300
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Antimony	7440-36-0	0.52		mg/kg	N	UJ	EPA 6020
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Arsenic	7440-38-2	4	4	mg/kg	Y		EPA 6020
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Barium	7440-39-3	160	160	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Boron	7440-42-8	9.8	9.8	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Cadmium	7440-43-9	0.27		mg/kg	N	U	EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Chromium (total)	7440-47-3	15	15	mg/kg	Y		EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Chromium VI	18540-29-9	0.16		mg/kg	N	UJ	EPA 7199
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Cobalt	7440-48-4	5.8	5.8	mg/kg	Y		EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Copper	7440-50-8	18	18	mg/kg	Y		EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Iron	7439-89-6	18000	18000	mg/kg	Y		EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Lead	7439-92-1	6.3	6.3	mg/kg	Y		EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Magnesium	7439-95-4	11000	11000	mg/kg	Y		EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Manganese	7439-96-5	290	290	mg/kg	Y		EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Mercury	7439-97-6	0.013		mg/kg	N	U	EPA 7471
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Molybdenum	7439-98-7	1.1		mg/kg	N	U	EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Nickel	7440-02-0	14	14	mg/kg	Y		EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Niobium	7440-03-1	3.1		mg/kg	N	U	EPA 6020
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Phosphorus (total)	7723-14-0	810	810	mg/kg	Y		EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Silver	7440-22-4	0.81		mg/kg	N	U	EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Strontium	7440-24-6	230	230	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Thallium	7440-28-0	0.52		mg/kg	N	U	EPA 6020
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Tungsten	7440-33-7	2.7		mg/kg	N	UJ	EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Vanadium	7440-62-2	52	52	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	Metals	Zirconium	7440-67-7	23	23	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	2,4'-DDE	3424-82-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	4,4'-DDE	72-55-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	4,4'-DDT	50-29-3	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	alpha-Chlordane	5103-71-9	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	beta-BHC	319-85-7	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	Endosulfan sulfate	1031-07-8	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	Endrin ketone	53494-70-5	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	Heptachlor	76-44-8	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	Heptachlor epoxide	1024-57-3	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	Hexachlorobenzene	118-74-1	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	Toxaphene	8001-35-2	0.054		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	1-Methylnaphthalene	90-12-0	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	2-Methylnaphthalene	91-57-6	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	Acenaphthene	83-32-9	0.0044		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	Acenaphthylene	208-96-8	0.0044		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	Anthracene	120-12-7	0.0044		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	Benzo(a)anthracene	56-55-3	0.0044		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	Benzo(a)pyrene	50-32-8	0.0044		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	Benzo(b)fluoranthene	205-99-2	0.0044		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0044		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	Benzo(k)fluoranthene	207-08-9	0.0044		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	Chrysene	218-01-9	0.0044		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0044		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	Fluoranthene	206-44-0	0.0044		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	Fluorene	86-73-7	0.0044		mg/kg	N	U	EPA 8270C SIM

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Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0044		mg/kg	N	UJ	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	Naphthalene	91-20-3	0.0044		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	Phenanthrene	85-01-8	0.0044		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	Pyrene	129-00-0	0.0044		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PCBs	Aroclor-1260	11096-82-5	0.018		mg/kg	N	U	EPA 8082
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	RAD	Radium-226	Ra-226	0.836	0.836	pCi/g	Y		EPA 903.0
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	RAD	Radium-228	Ra-228	1.73	1.73	pCi/g	Y		EPA 904.0
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	RAD	Thorium-228	Th-228	1.92	1.92	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	RAD	Thorium-230	Th-230	1.11	1.11	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	RAD	Thorium-232	Th-232	1.66	1.66	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.082		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	2,4-Dichlorophenol	120-83-2	0.073		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	2,4-Dimethylphenol	105-67-9	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	2,4-Dinitrophenol	51-28-5	0.36		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	2,4-Dinitrotoluene	121-14-2	0.087		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	2,6-Dinitrotoluene	606-20-2	0.1		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	2-Chloronaphthalene	91-58-7	0.073		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	2-Chlorophenol	95-57-8	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	2-Methylphenol	95-48-7	0.087		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	2-Nitroaniline	88-74-4	0.073		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.082		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.093		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	4-Nitrophenol	100-02-7	0.15		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	Aniline	62-53-3	0.093		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	Benzidine	92-87-5	0.72		mg/kg	N	UJ	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	Benzoic acid	65-85-0	0.37		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	Benzyl alcohol	100-51-6	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.098		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	Butylbenzylphthalate	85-68-7	0.087		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	Dibenzofuran	132-64-9	0.073		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	Diethylphthalate	84-66-2	0.1		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	Dimethylphthalate	131-11-3	0.073		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	Di-n-butylphthalate	84-74-2	0.098		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	Di-n-octylphthalate	117-84-0	0.098		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	UJ	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	Isophorone	78-59-1	0.073		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	Nitrobenzene	98-95-3	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.076		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.087		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	Octachlorostyrene	29082-74-4	2.5		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	Pentachlorophenol	87-86-5	0.37		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	Phenol	108-95-2	0.098		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	SVOCs	Pyridine	110-86-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	1,1,1-Trichloroethane	71-55-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	1,1,2-Trichloroethane	79-00-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	1,1-Dichloroethane	75-34-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	1,1-Dichloroethene	75-35-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	1,1-Dichloropropene	563-58-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	1,2-Dibromoethane	106-93-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	1,2-Dichlorobenzene	95-50-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	1,2-Dichloroethane	107-06-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	1,2-Dichloropropane	78-87-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	1,3-Dichlorobenzene	541-73-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	1,3-Dichloropropane	142-28-9	0.00051		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	1,4-Dichlorobenzene	106-46-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	2-Butanone	78-93-3	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	2-Hexanone	591-78-6	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Acetone	67-64-1	0.0081		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Benzene	71-43-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Bromodichloromethane	75-27-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Carbon tetrachloride	56-23-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Chlorobenzene	108-90-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Chloroform	67-66-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Cumene	98-82-8	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Dibromochloromethane	124-48-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Dibromomethane	74-95-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Ethyl benzene	100-41-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Methylene Chloride	75-09-2	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	n-Propylbenzene	103-65-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	o-Xylene	95-47-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	p-Cymene	99-87-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Styrene	100-42-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Tetrachloroethene	127-18-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Toluene	108-88-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Trichloroethene	79-01-6	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Chlorine Oxyanions	Chlorate	14866-68-3	30	30	mg/kg	Y		EPA 300.1
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Chlorine Oxyanions	Perchlorate	14797-73-0	40	40	mg/kg	Y		EPA 314.0
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00015	0.00015	mg/kg	Y		EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000062	0.000062	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000057	0.000057	mg/kg	Y		EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000076	0.0000076	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000023	0.000023	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000026	0.000026	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000075	0.00000075	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000016	0.000016	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000018	0.0000018	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000033	0.0000033	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000017	0.0000017	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000012	0.000012	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000098	0.00000098	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000035	0.0000035	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000057	0.0000057	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000056	0.0000056	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000026		mg/kg	N	U	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	HpCDD (total)	37871-00-4	0.000013	0.000013	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	HpCDF (total)	38998-75-3	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	HxCDD (total)	34465-46-8	0.0000095	0.0000095	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	HxCDF (total)	55684-94-1	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	PeCDD (total)	36088-22-9	0.0000055	0.0000055	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	PeCDF (total)	30402-15-4	0.000076	0.000076	mg/kg	Y		EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	TCDD (total)	41903-57-5	0.0000043	0.0000043	mg/kg	Y	J	EPA 8290
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Dioxins	TCDF (total)	30402-14-3	0.000059	0.000059	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	General Chemistry	Nitrate	14797-55-8	52	52	mg/kg	Y		EPA 300
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	General Chemistry	Nitrate/Nitrite	NO3/NO2	53.14285714	53.14285714	mg/kg	Y		EPA 300
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Antimony	7440-36-0	0.48		mg/kg	N	UJ	EPA 6020
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Arsenic	7440-38-2	4.5	4.5	mg/kg	Y		EPA 6020
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Barium	7440-39-3	150	150	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Boron	7440-42-8	8.3	8.3	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Cadmium	7440-43-9	0.27		mg/kg	N	U	EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Chromium (total)	7440-47-3	12	12	mg/kg	Y		EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Chromium VI	18540-29-9	0.16		mg/kg	N	UJ	EPA 7199
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Cobalt	7440-48-4	4.7	4.7	mg/kg	Y		EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Copper	7440-50-8	14	14	mg/kg	Y		EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Iron	7439-89-6	15000	15000	mg/kg	Y		EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Lead	7439-92-1	6.1	6.1	mg/kg	Y		EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Magnesium	7439-95-4	8800	8800	mg/kg	Y		EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Manganese	7439-96-5	250	250	mg/kg	Y		EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Mercury	7439-97-6	0.013		mg/kg	N	U	EPA 7471
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Molybdenum	7439-98-7	1.1		mg/kg	N	U	EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Nickel	7440-02-0	11	11	mg/kg	Y		EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Niobium	7440-03-1	2.9		mg/kg	N	U	EPA 6020
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Phosphorus (total)	7723-14-0	610	610	mg/kg	Y		EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Silver	7440-22-4	0.8		mg/kg	N	U	EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Strontium	7440-24-6	230	230	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Thallium	7440-28-0	0.48		mg/kg	N	U	EPA 6020
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Tungsten	7440-33-7	2.7		mg/kg	N	UJ	EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Vanadium	7440-62-2	45	45	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	Metals	Zirconium	7440-67-7	22	22	mg/kg	Y	J-	EPA 6010
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	2,4'-DDE	3424-82-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	4,4'-DDE	72-55-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	4,4'-DDT	50-29-3	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	alpha-Chlordane	5103-71-9	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	beta-BHC	319-85-7	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	Endosulfan sulfate	1031-07-8	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	Endrin ketone	53494-70-5	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	Heptachlor	76-44-8	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	Heptachlor epoxide	1024-57-3	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	Hexachlorobenzene	118-74-1	0.075		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	Toxaphene	8001-35-2	0.054		mg/kg	N	U	EPA 8081
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	1-Methylnaphthalene	90-12-0	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	2-Methylnaphthalene	91-57-6	0.075		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	Acenaphthene	83-32-9	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	Acenaphthylene	208-96-8	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	Anthracene	120-12-7	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	Benzo(a)anthracene	56-55-3	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	Benzo(a)pyrene	50-32-8	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	Benzo(b)fluoranthene	205-99-2	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	Benzo(k)fluoranthene	207-08-9	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	Chrysene	218-01-9	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	Fluoranthene	206-44-0	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	Fluorene	86-73-7	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0043		mg/kg	N	UJ	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	Naphthalene	91-20-3	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	Phenanthrene	85-01-8	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	Pyrene	129-00-0	0.0043		mg/kg	N	U	EPA 8270C SIM
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PCBs	Aroclor-1260	11096-82-5	0.018		mg/kg	N	U	EPA 8082
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	RAD	Radium-226	Ra-226	0.837	0.837	pCi/g	Y		EPA 903.0
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	RAD	Radium-228	Ra-228	1.34	1.34	pCi/g	Y		EPA 904.0
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	RAD	Thorium-228	Th-228	1.77	1.77	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	RAD	Thorium-230	Th-230	1.24	1.24	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	RAD	Thorium-232	Th-232	1.63	1.63	pCi/g	Y		DOE EML HASL 300 A-01-R

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.081		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	2,4-Dichlorophenol	120-83-2	0.072		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	2,4-Dimethylphenol	105-67-9	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	2,4-Dinitrophenol	51-28-5	0.36		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	2,4-Dinitrotoluene	121-14-2	0.086		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	2,6-Dinitrotoluene	606-20-2	0.1		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	2-Chloronaphthalene	91-58-7	0.072		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	2-Chlorophenol	95-57-8	0.075		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	2-Methylphenol	95-48-7	0.086		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	2-Nitroaniline	88-74-4	0.072		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.081		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.075		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.092		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	4-Nitrophenol	100-02-7	0.15		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	Aniline	62-53-3	0.092		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	Benzidine	92-87-5	0.71		mg/kg	N	UJ	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	Benzoic acid	65-85-0	0.37		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	Benzyl alcohol	100-51-6	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.075		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.097		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	Butylbenzylphthalate	85-68-7	0.086		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	Dibenzofuran	132-64-9	0.072		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	Diethylphthalate	84-66-2	0.1		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	Dimethylphthalate	131-11-3	0.072		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	Di-n-butylphthalate	84-74-2	0.097		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	Di-n-octylphthalate	117-84-0	0.097		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	UJ	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	Isophorone	78-59-1	0.072		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	Nitrobenzene	98-95-3	0.075		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.075		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.086		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	Octachlorostyrene	29082-74-4	2.5		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	Pentachlorophenol	87-86-5	0.37		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	Phenol	108-95-2	0.097		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	SVOCs	Pyridine	110-86-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	1,1,1-Trichloroethane	71-55-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	1,1,2-Trichloroethane	79-00-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	1,1-Dichloroethane	75-34-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	1,1-Dichloroethene	75-35-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	1,1-Dichloropropene	563-58-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	1,2-Dibromoethane	106-93-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	1,2-Dichlorobenzene	95-50-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	1,2-Dichloroethane	107-06-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	1,2-Dichloropropane	78-87-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	1,3-Dichlorobenzene	541-73-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	1,3-Dichloropropane	142-28-9	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	1,4-Dichlorobenzene	106-46-7	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	2-Butanone	78-93-3	0.005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	2-Hexanone	591-78-6	0.005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Acetone	67-64-1	0.008		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Benzene	71-43-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Bromodichloromethane	75-27-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Carbon tetrachloride	56-23-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Chlorobenzene	108-90-7	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Chloroform	67-66-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Cumene	98-82-8	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Dibromochloromethane	124-48-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Dibromomethane	74-95-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Ethyl benzene	100-41-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Methylene Chloride	75-09-2	0.005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	n-Propylbenzene	103-65-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	o-Xylene	95-47-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	p-Cymene	99-87-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Styrene	100-42-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Tetrachloroethene	127-18-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Toluene	108-88-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Trichloroethene	79-01-6	0.0005		mg/kg	N	UJ	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Chlorine Oxyanions	Chlorate	14866-68-3	3.4	3.4	mg/kg	Y		EPA 300.1
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	47	47	mg/kg	Y		EPA 314.0
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.002	0.002	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000094	0.000094	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00097	0.00097	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000082	0.000082	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00034	0.00034	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00039	0.00039	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00001	0.00001	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00023	0.00023	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000019	0.000019	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000022	0.000022	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00002	0.00002	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00006	0.00006	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000083	0.000083	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000075	0.000075	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000031	0.0000031	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	HpCDD (total)	37871-00-4	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	HpCDF (total)	38998-75-3	0.002	0.002	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	HxCDD (total)	34465-46-8	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	HxCDF (total)	55684-94-1	0.0017	0.0017	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	PeCDD (total)	36088-22-9	0.0001	0.0001	mg/kg	Y	J	EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	PeCDF (total)	30402-15-4	0.0013	0.0013	mg/kg	Y	J	EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	TCDD (total)	41903-57-5	0.000084	0.000084	mg/kg	Y	J	EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Dioxins	TCDF (total)	30402-14-3	0.00092	0.00092	mg/kg	Y		EPA 8290
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	15000	15000	mg/kg	Y		SM 2320
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	General Chemistry	Ammonia	7664-41-7	2.5		mg/kg	N	U	SM 4500 NH3-D
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	17000	17000	mg/kg	Y		SM 2320
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	General Chemistry	Bromide	24959-67-9	3.6		mg/kg	N	U	EPA 300
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	General Chemistry	Carbonate as CO3	3812-32-6	920	920	mg/kg	Y		SM 2320
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	General Chemistry	Chloride	16887-00-6	180	180	mg/kg	Y		EPA 300
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	General Chemistry	Hydroxide	14280-30-9	170		mg/kg	N	U	SM 2320
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	General Chemistry	Nitrate	14797-55-8	62	62	mg/kg	Y		EPA 300
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	62	62	mg/kg	Y		EPA 300
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	General Chemistry	ortho-Phosphate	11-36-9	4.1		mg/kg	N	U	EPA 300
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	General Chemistry	pH	PH	8.38	8.38	SU	Y		EPA 9045
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	General Chemistry	Sulfate	14808-79-8	210	210	mg/kg	Y		EPA 300
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Aluminum	7429-90-5	9700	9700	mg/kg	Y		EPA 6010
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Antimony	7440-36-0	0.51		mg/kg	N	UJ	EPA 6020
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Arsenic	7440-38-2	2.3	2.3	mg/kg	Y		EPA 6020
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Barium	7440-39-3	180	180	mg/kg	Y		EPA 6010
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Boron	7440-42-8	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Cadmium	7440-43-9	0.25		mg/kg	N	U	EPA 6010
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Chromium (total)	7440-47-3	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Chromium VI	18540-29-9	1.3	1.3	mg/kg	Y		EPA 7199
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Cobalt	7440-48-4	9	9	mg/kg	Y		EPA 6010
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Copper	7440-50-8	21	21	mg/kg	Y		EPA 6010
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Iron	7439-89-6	15000	15000	mg/kg	Y		EPA 6010
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Lead	7439-92-1	9.6	9.6	mg/kg	Y		EPA 6010
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Magnesium	7439-95-4	9900	9900	mg/kg	Y		EPA 6010
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Manganese	7439-96-5	740	740	mg/kg	Y		EPA 6010
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Mercury	7439-97-6	0.037	0.037	mg/kg	Y		EPA 7471
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Nickel	7440-02-0	17	17	mg/kg	Y		EPA 6010
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Niobium	7440-03-1	1.8		mg/kg	N	U	EPA 6020
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Palladium	7440-05-3	0.051		mg/kg	N	U	EPA 6020
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Phosphorus (total)	7723-14-0	1600	1600	mg/kg	Y		EPA 6010
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Selenium	7782-49-2	0.51		mg/kg	N	U	EPA 6020
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Silicon	7440-21-3	180	180	mg/kg	Y	J-	EPA 6010
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Silver	7440-22-4	0.76		mg/kg	N	U	EPA 6010
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Strontium	7440-24-6	170	170	mg/kg	Y		EPA 6010
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Sulfur	7704-34-9	380		mg/kg	N	U	EPA 6020
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Thallium	7440-28-0	0.25		mg/kg	N	U	EPA 6020
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Tungsten	7440-33-7	5.1		mg/kg	N	UJ	EPA 6010
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Uranium (total)	7440-61-1	0.77	0.77	mg/kg	Y		EPA 6020
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Zinc	7440-66-6	39	39	mg/kg	Y		EPA 6010
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Metals	Zirconium	7440-67-7	22	22	mg/kg	Y		EPA 6010
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	2,4'-DDE	3424-82-6	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	4,4'-DDD	72-54-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	4,4'-DDE	72-55-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	4,4'-DDT	50-29-3	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	Aldrin	309-00-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	alpha-BHC	319-84-6	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	beta-BHC	319-85-7	0.027	0.027	mg/kg	Y		EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	delta-BHC	319-86-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	Dieldrin	60-57-1	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	Endosulfan I	959-98-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	Endosulfan II	33213-65-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	Endrin	72-20-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	Endrin aldehyde	7421-93-4	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	gamma-BHC	58-89-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	gamma-Chlordane	5103-74-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	Hexachlorobenzene	118-74-1	0.071		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	Methoxychlor	72-43-5	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	Toxaphene	8001-35-2	0.051		mg/kg	N	U	EPA 8081
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Chlorpyrifos	2921-88-2	0.0064		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Coumaphos	56-72-4	0.0028		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Dasanit	115-90-2	0.0081		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Demeton (O + S)	8065-48-3	0.0075		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Demeton-O	298-03-3	0.0052		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Demeton-S	126-75-0	0.0048		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Diazinon	333-41-5	0.0072		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Dichlorovos	62-73-7	0.0073		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Dimethoate	60-51-5	0.007		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Disulfoton	298-04-4	0.0077		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	EPN	2104-64-5	0.0037		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Ethoprop	13194-48-4	0.0049		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Famphur	52-85-7	0.0032		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Fenthion	55-38-9	0.0087		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Guthion	86-50-0	0.0035		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Malathion	121-75-5	0.0046		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Merphos	150-50-5	0.0051		mg/kg	N	U	EPA 8141A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Methyl parathion	298-00-0	0.0063		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Mevinphos	7786-34-7	0.0046		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Naled	300-76-5	0.022		mg/kg	N	UJ	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Parathion	56-38-2	0.0052		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Phorate	298-02-2	0.0057		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Prothiophos	34643-46-4	0.0039		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Ronnel	299-84-3	0.015		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Simazine	122-34-9	0.022		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Stirophos	22248-79-9	0.0043		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Sulfotepp	3689-24-5	0.0062		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Sulprofos	35400-43-2	0.0042		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Thionazin	297-97-2	0.0055		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OPPs	Trichloronate	327-98-0	0.0062		mg/kg	N	U	EPA 8141A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	Organics	Phthalic acid	88-99-3	1.3		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	2-Methylnaphthalene	91-57-6	0.071		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	Acenaphthene	83-32-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	Acenaphthylene	208-96-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	Anthracene	120-12-7	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	Benzo(a)anthracene	56-55-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	Benzo(a)pyrene	50-32-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	Chrysene	218-01-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	Fluoranthene	206-44-0	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	Fluorene	86-73-7	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	Naphthalene	91-20-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	Phenanthrene	85-01-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	Pyrene	129-00-0	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	Aroclor-1260	11096-82-5	0.017		mg/kg	N	U	EPA 8082
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.0000063	0.0000063	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000028		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.0000091	0.0000091	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000027		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.000003		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000026		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.000043	0.000043	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.00000069	0.00000069	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000057	0.0000057	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.0000014		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.0000007	0.0000007	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.0000018	0.0000018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.00000063	0.00000063	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.0000015		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000096	0.0000096	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.0000038	0.0000038	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.00002	0.00002	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.0000016		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.0000043	0.0000043	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000094	0.00000094	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.0000042	0.0000042	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000038	0.000038	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000027	0.00000027	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.0000016		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.0000018		mg/kg	N	U	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.0000085	0.0000085	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.0000038	0.0000038	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.000007	0.000007	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.000037	0.000037	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.0000016		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.0000043	0.0000043	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.000004	0.000004	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.000018	0.000018	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.0000059	0.0000059	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.0000043	0.0000043	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.0000069	0.0000069	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.0000084		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.000027	0.000027	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.0000072		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.000021	0.000021	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.0000069		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.000069	0.000069	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000032	0.000032	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0000061		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.00000094	0.00000094	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000046	0.000046	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.000023	0.000023	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.0000047		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.000013	0.000013	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.000094	0.000094	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.000009	0.000009	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0000046		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.0000055		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.0000054		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.000014	0.000014	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.000036	0.000036	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.000006		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.000068	0.000068	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.000021	0.000021	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.000083	0.000083	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.000008	0.000008	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.0000037		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.000059	0.000059	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.0000042	0.0000042	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.0000036		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.0000047	0.0000047	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.000038	0.000038	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.00002	0.00002	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.0000082	0.0000082	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.000035	0.000035	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.0000072	0.0000072	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.000037	0.000037	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.0000072	0.0000072	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.000067	0.000067	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.000053	0.000053	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.000033	0.000033	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.000083	0.000083	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.000046	0.000046	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.000046	0.000046	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.00003	0.00003	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.0001	0.0001	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.000044	0.000044	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.000029	0.000029	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.0000062	0.0000062	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.000026	0.000026	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.00005	0.00005	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.00006	0.00006	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.000029	0.000029	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.000061	0.000061	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.00022	0.00022	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.000063	0.000063	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.000061	0.000061	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.000092	0.000092	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.000074	0.000074	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.00078	0.00078	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.0011	0.0011	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.00066	0.00066	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.0081	0.0081	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 107+124	PCB107+124	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 110+115	PCB110+115	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 12+13	PCB12+13	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 128+166	PCB128+166	0.000044	0.000044	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.00029	0.00029	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 134+143	PCB134+143	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 135+151	PCB135+151	0.000076	0.000076	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 139+140	PCB139+140	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 147+149	PCB147+149	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 153+168	PCB153+168	0.00023	0.00023	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 156+157	PCB156+157	0.000062	0.000062	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 171+173	PCB171+173	0.0001	0.0001	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 18+30	PCB18+30	0.0000065	0.0000065	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 180+193	PCB180+193	0.00043	0.00043	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 198+199	PCB198+199	0.00028	0.00028	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 20+28	PCB20+28	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 21+33	PCB21+33	0.0000087	0.0000087	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 26+29	PCB26+29	0.0000046	0.0000046	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 40+71	PCB40+71	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.000023	0.000023	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 49+69	PCB49+69	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 50+53	PCB50+53	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.0000062	0.0000062	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.000064	0.000064	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.000033	0.000033	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.000089	0.000089	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 88+91	PCB88+91	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 93+100	PCB93+100	0.0000065		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	PCBs 98+102	PCB98+102	0.0000059		mg/kg	N	U	EPA 1668A
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	RAD	Radium-226	Ra-226	1.3	1.3	pCi/g	Y	J	EPA 903.0
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	RAD	Radium-228	Ra-228	1.43	1.43	pCi/g	Y	J	EPA 904.0
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	RAD	Thorium-228	Th-228	1.99	1.99	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	RAD	Thorium-230	Th-230	1.19	1.19	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	RAD	Thorium-232	Th-232	1.67	1.67	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	RAD	Uranium-234	U-234	0.829	0.829	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	RAD	Uranium-235	U-235	0.0768		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	RAD	Uranium-238	U-238	1.07	1.07	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.076		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.068		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.33		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.081		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.096		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.068		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	2-Chlorophenol	95-57-8	0.071		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	2-Methylphenol	95-48-7	0.081		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	2-Nitroaniline	88-74-4	0.068		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	2-Nitrophenol	88-75-5	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.13		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	3-Nitroaniline	99-09-2	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.076		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.071		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	4-Chloroaniline	106-47-8	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.086		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	4-Nitroaniline	100-01-6	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	4-Nitrophenol	100-02-7	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	Aniline	62-53-3	0.086		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	Benzidine	92-87-5	0.67		mg/kg	N	UJ	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	Benzoic acid	65-85-0	0.34		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	Benzyl alcohol	100-51-6	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.071		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.091		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.081		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	Dibenzofuran	132-64-9	0.068		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	Diethylphthalate	84-66-2	0.096		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	Dimethylphthalate	131-11-3	0.068		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.091		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.091		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.13		mg/kg	N	UJ	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	Hexachloroethane	67-72-1	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	Isophorone	78-59-1	0.068		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	Nitrobenzene	98-95-3	0.071		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.071		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.081		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	Octachlorostyrene	29082-74-4	2.3		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	Pentachlorophenol	87-86-5	0.34		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	Phenol	108-95-2	0.091		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	TPH	EFH (C10-C40)	EFH-C10-C40	5.7	5.7	mg/kg	Y		EPA 8015
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	2.5		mg/kg	N	U	EPA 8015
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.5		mg/kg	N	U	EPA 8015
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Chlorine Oxyanions	Chlorate	14866-68-3	28	28	mg/kg	Y		EPA 300.1
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Chlorine Oxyanions	Perchlorate	14797-73-0	800	800	mg/kg	Y		EPA 314.0
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Alkalinity (as CaCO3)	ALKA	27000	27000	mg/kg	Y		SM 2320
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Ammonia	7664-41-7	42	42	mg/kg	Y		SM 4500 NH3-D
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	32000	32000	mg/kg	Y		SM 2320
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Bromide	24959-67-9	3.8		mg/kg	N	U	EPA 300
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Carbonate as CO3	3812-32-6	320	320	mg/kg	Y		SM 2320
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Chloride	16887-00-6	1400	1400	mg/kg	Y	J+	EPA 300
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Hydroxide	14280-30-9	180		mg/kg	N	U	SM 2320
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Nitrate	14797-55-8	240	240	mg/kg	Y		EPA 300
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Nitrate/Nitrite	NO3/NO2	239.1428571	239.1428571	mg/kg	Y		CALC_ANION
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	ortho-Phosphate	11-36-9	40	40	mg/kg	Y	J-	EPA 300
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Sulfate	14808-79-8	680	680	mg/kg	Y		EPA 300
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6020
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Arsenic	7440-38-2	6.1	6.1	mg/kg	Y		EPA 6020
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Barium	7440-39-3	170	170	mg/kg	Y		EPA 6010
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Boron	7440-42-8	15	15	mg/kg	Y		EPA 6010
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Cadmium	7440-43-9	0.27		mg/kg	N	U	EPA 6010
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Chromium (total)	7440-47-3	16	16	mg/kg	Y		EPA 6010
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Chromium VI	18540-29-9	0.16		mg/kg	N	U	EPA 7199
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Cobalt	7440-48-4	6.7	6.7	mg/kg	Y		EPA 6010
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Copper	7440-50-8	35	35	mg/kg	Y		EPA 6010
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Iron	7439-89-6	19000	19000	mg/kg	Y		EPA 6010
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Lead	7439-92-1	12	12	mg/kg	Y		EPA 6010
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Magnesium	7439-95-4	11000	11000	mg/kg	Y		EPA 6010
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Manganese	7439-96-5	440	440	mg/kg	Y		EPA 6010
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Mercury	7439-97-6	0.017	0.017	mg/kg	Y	J	EPA 7471
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Molybdenum	7439-98-7	1.1		mg/kg	N	U	EPA 6010
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Nickel	7440-02-0	14	14	mg/kg	Y		EPA 6010
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Niobium	7440-03-1	3		mg/kg	N	U	EPA 6020
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Phosphorus (total)	7723-14-0	1100	1100	mg/kg	Y		EPA 6010
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Selenium	7782-49-2	2.8	2.8	mg/kg	Y		EPA 6020
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Silver	7440-22-4	0.95		mg/kg	N	U	EPA 6010
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Strontium	7440-24-6	170	170	mg/kg	Y	J+	EPA 6010
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Sulfur	7704-34-9	310	310	mg/kg	Y		EPA 6010
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Thallium	7440-28-0	0.5		mg/kg	N	U	EPA 6020
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Tungsten	7440-33-7	2.7		mg/kg	N	UJ	EPA 6010
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Vanadium	7440-62-2	50	50	mg/kg	Y		EPA 6010
DU-1	RISB-01	RISB-1-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Zirconium	7440-67-7	14	14	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Chlorine Oxyanions	Chlorate	14866-68-3	8.3	8.3	mg/kg	Y		EPA 300.1
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	130	130	mg/kg	Y		EPA 314.0
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0052	0.0052	mg/kg	Y		EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00023	0.00023	mg/kg	Y		EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0024	0.0024	mg/kg	Y		EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00019	0.00019	mg/kg	Y		EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00088	0.00088	mg/kg	Y		EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00096	0.00096	mg/kg	Y		EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000025	0.000025	mg/kg	Y	J	EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00054	0.00054	mg/kg	Y		EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000046	0.000046	mg/kg	Y		EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000072	0.000072	mg/kg	Y		EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000051	0.000051	mg/kg	Y		EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00038	0.00038	mg/kg	Y		EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000025	0.000025	mg/kg	Y	J	EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00012	0.00012	mg/kg	Y	J	EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00018	0.00018	mg/kg	Y		EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00016	0.00016	mg/kg	Y		EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000088	0.0000088	mg/kg	Y	J	EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	HpCDD (total)	37871-00-4	0.00031	0.00031	mg/kg	Y		EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	HpCDF (total)	38998-75-3	0.005	0.005	mg/kg	Y		EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	HxCDD (total)	34465-46-8	0.00033	0.00033	mg/kg	Y		EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	HxCDF (total)	55684-94-1	0.0041	0.0041	mg/kg	Y	J	EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	PeCDD (total)	36088-22-9	0.00024	0.00024	mg/kg	Y	J	EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	PeCDF (total)	30402-15-4	0.0031	0.0031	mg/kg	Y	J	EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	TCDD (total)	41903-57-5	0.00023	0.00023	mg/kg	Y		EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	TCDF (total)	30402-14-3	0.0022	0.0022	mg/kg	Y		EPA 8290
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	21000	21000	mg/kg	Y		SM 2320
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Ammonia	7664-41-7	2.8	2.8	mg/kg	Y	J	SM 4500 NH3-D
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	25000	25000	mg/kg	Y		SM 2320
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Bromide	24959-67-9	4.6	4.6	mg/kg	Y	J	EPA 300
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Carbonate as CO3	3812-32-6	610	610	mg/kg	Y		SM 2320
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Chloride	16887-00-6	700	700	mg/kg	Y		EPA 300
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Hydroxide	14280-30-9	170		mg/kg	N	U	SM 2320
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Nitrate	14797-55-8	160	160	mg/kg	Y		EPA 300
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	163.8571429	163.8571429	mg/kg	Y		EPA 300
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	ortho-Phosphate	11-36-9	4.1		mg/kg	N	UJ	EPA 300
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Sulfate	14808-79-8	460	460	mg/kg	Y		EPA 300
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Aluminum	7429-90-5	10000	10000	mg/kg	Y		EPA 6010
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Antimony	7440-36-0	0.51		mg/kg	N	UJ	EPA 6020
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Arsenic	7440-38-2	2.4	2.4	mg/kg	Y		EPA 6020
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Barium	7440-39-3	170	170	mg/kg	Y		EPA 6010
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Boron	7440-42-8	15	15	mg/kg	Y		EPA 6010
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Chromium (total)	7440-47-3	14	14	mg/kg	Y		EPA 6010
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Chromium VI	18540-29-9	0.41		mg/kg	N	U	EPA 7199
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Cobalt	7440-48-4	8.2	8.2	mg/kg	Y		EPA 6010
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Copper	7440-50-8	20	20	mg/kg	Y		EPA 6010
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Iron	7439-89-6	17000	17000	mg/kg	Y		EPA 6010
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Lead	7439-92-1	10	10	mg/kg	Y		EPA 6010
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Magnesium	7439-95-4	10000	10000	mg/kg	Y		EPA 6010
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Manganese	7439-96-5	550	550	mg/kg	Y		EPA 6010
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Mercury	7439-97-6	0.012		mg/kg	N	U	EPA 7471
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Nickel	7440-02-0	17	17	mg/kg	Y		EPA 6010
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Niobium	7440-03-1	1.8		mg/kg	N	UJ	EPA 6020
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Palladium	7440-05-3	0.051		mg/kg	N	U	EPA 6020
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Phosphorus (total)	7723-14-0	1500	1500	mg/kg	Y		EPA 6010
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Selenium	7782-49-2	0.51		mg/kg	N	U	EPA 6020
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Silicon	7440-21-3	250	250	mg/kg	Y	J-	EPA 6010
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Silver	7440-22-4	0.77		mg/kg	N	U	EPA 6010
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Strontium	7440-24-6	150	150	mg/kg	Y		EPA 6010
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Sulfur	7704-34-9	860	860	mg/kg	Y	J	EPA 6020
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Tungsten	7440-33-7	5.1		mg/kg	N	UJ	EPA 6010
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Uranium (total)	7440-61-1	0.71	0.71	mg/kg	Y		EPA 6020
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Zinc	7440-66-6	37	37	mg/kg	Y		EPA 6010
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Zirconium	7440-67-7	21	21	mg/kg	Y		EPA 6010
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	2,4'-DDE	3424-82-6	0.0015		mg/kg	N	UJ	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	4,4'-DDD	72-54-8	0.0015		mg/kg	N	UJ	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	4,4'-DDE	72-55-9	0.0015		mg/kg	N	UJ	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	4,4'-DDT	50-29-3	0.0015		mg/kg	N	UJ	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Aldrin	309-00-2	0.0015		mg/kg	N	UJ	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	alpha-BHC	319-84-6	0.0015		mg/kg	N	UJ	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	alpha-Chlordane	5103-71-9	0.002		mg/kg	N	UJ	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	beta-BHC	319-85-7	0.028	0.028	mg/kg	Y	J	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	delta-BHC	319-86-8	0.0015		mg/kg	N	UJ	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Dieldrin	60-57-1	0.0015		mg/kg	N	UJ	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Endosulfan I	959-98-8	0.0015		mg/kg	N	UJ	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Endosulfan II	33213-65-9	0.0015		mg/kg	N	UJ	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Endosulfan sulfate	1031-07-8	0.002		mg/kg	N	UJ	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Endrin	72-20-8	0.0015		mg/kg	N	UJ	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Endrin aldehyde	7421-93-4	0.0015		mg/kg	N	UJ	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Endrin ketone	53494-70-5	0.002		mg/kg	N	UJ	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	gamma-BHC	58-89-9	0.0015		mg/kg	N	UJ	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	gamma-Chlordane	5103-74-2	0.0015		mg/kg	N	UJ	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Heptachlor	76-44-8	0.002		mg/kg	N	UJ	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Heptachlor epoxide	1024-57-3	0.002		mg/kg	N	UJ	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Hexachlorobenzene	118-74-1	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Methoxychlor	72-43-5	0.0015		mg/kg	N	UJ	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Toxaphene	8001-35-2	0.051		mg/kg	N	UJ	EPA 8081
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Chlorpyrifos	2921-88-2	0.0063		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Coumaphos	56-72-4	0.0027		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Dasanit	115-90-2	0.0079		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Demeton (O + S)	8065-48-3	0.0073		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Demeton-O	298-03-3	0.0051		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Demeton-S	126-75-0	0.0047		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Diazinon	333-41-5	0.0071		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Dichlorovos	62-73-7	0.0072		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Dimethoate	60-51-5	0.0069		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Disulfoton	298-04-4	0.0075		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	EPN	2104-64-5	0.0036		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Ethoprop	13194-48-4	0.0048		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Famphur	52-85-7	0.0031		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Fenthion	55-38-9	0.0085		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Guthion	86-50-0	0.0034		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Malathion	121-75-5	0.0045		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Merphos	150-50-5	0.005		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Methyl parathion	298-00-0	0.0062		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Mevinphos	7786-34-7	0.0045		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Naled	300-76-5	0.022		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Parathion	56-38-2	0.0051		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Phorate	298-02-2	0.0055		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Prothiophos	34643-46-4	0.0038		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Ronnel	299-84-3	0.015		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Simazine	122-34-9	0.021		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Stirophos	22248-79-9	0.0042		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Sulfotepp	3689-24-5	0.0061		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Sulprofos	35400-43-2	0.0041		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Thionazin	297-97-2	0.0054		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Trichloronate	327-98-0	0.0061		mg/kg	N	U	EPA 8141A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	Organics	Phthalic acid	88-99-3	1.2		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	2-Methylnaphthalene	91-57-6	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Acenaphthene	83-32-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Acenaphthylene	208-96-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Anthracene	120-12-7	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Benzo(a)anthracene	56-55-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Benzo(a)pyrene	50-32-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0085	0.0085	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Chrysene	218-01-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Fluoranthene	206-44-0	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Fluorene	86-73-7	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Naphthalene	91-20-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Phenanthrene	85-01-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Pyrene	129-00-0	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Aroclor-1260	11096-82-5	0.017		mg/kg	N	U	EPA 8082
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.0000015		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.0000034	0.0000034	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.0000099	0.0000099	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000024		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.000023		mg/kg	N	U	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.000023		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.000022		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000022		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.000025		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.000018		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000025		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.000021		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.000031		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000037		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.000003		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.0000032		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000048		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.0000039		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.0000024		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.000004		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.0000023		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.0000019		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.0000043		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.0000046		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.000031	0.000031	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000049		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.0000044		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.000002		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.0000036	0.0000036	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.0000019		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.0000019		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.0000032	0.0000032	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.0000015		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.0000015		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.0000081	0.0000081	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.0000049		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.0000045		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.0000045		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.0000044		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.0000043		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.0000025	0.0000025	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.000027	0.000027	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.0000042		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.0000085	0.0000085	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.0000088	0.0000088	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.0000012		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.000021	0.000021	mg/kg	Y		EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.0000051		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.0000047		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.0000042		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.000014		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.000013		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.000012		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.000011		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.000027	0.000027	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.0000018	0.0000018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000028	0.000028	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.00001		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.00000092		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000048	0.000048	mg/kg	Y		EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.000051	0.000051	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.000033	0.000033	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.0000077		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.000022	0.000022	mg/kg	Y		EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.000083	0.000083	mg/kg	Y		EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.000022	0.000022	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0000076		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.0000091		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.000012		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.000028	0.000028	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.000064	0.000064	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.00003	0.00003	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.000031	0.000031	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.000037	0.000037	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.000054	0.000054	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.000024	0.000024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.000028	0.000028	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.0000066	0.0000066	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.000096	0.000096	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.00003	0.00003	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.0000043		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.000039	0.000039	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.000043	0.000043	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.000036	0.000036	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.000026	0.000026	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.000023	0.000023	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.000035	0.000035	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.000047	0.000047	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.000062	0.000062	mg/kg	Y		EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.00001		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.000091	0.000091	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.00014	0.00014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.00011	0.00011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.000059	0.000059	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.000043	0.000043	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.000085	0.000085	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.000052	0.000052	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.000047	0.000047	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.000071	0.000071	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.00013	0.00013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.0001	0.0001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.000052	0.000052	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.000065	0.000065	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.000093	0.000093	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.000061	0.000061	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.000062	0.000062	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.000043	0.000043	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.00022	0.00022	mg/kg	Y		EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.000096	0.000096	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.00043	0.00043	mg/kg	Y		EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.00029	0.00029	mg/kg	Y		EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.00014	0.00014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.00036	0.00036	mg/kg	Y		EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.00015	0.00015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.00022	0.00022	mg/kg	Y		EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.00022	0.00022	mg/kg	Y		EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.00016	0.00016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.0017	0.0017	mg/kg	Y		EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.0025	0.0025	mg/kg	Y		EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.0015	0.0015	mg/kg	Y		EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.019	0.019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 107+124	PCB107+124	0.000031	0.000031	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 110+115	PCB110+115	0.00011	0.00011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 12+13	PCB12+13	0.000025		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 128+166	PCB128+166	0.000043	0.000043	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.00016	0.00016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 134+143	PCB134+143	0.0000067		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 135+151	PCB135+151	0.000062	0.000062	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 139+140	PCB139+140	0.000035	0.000035	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 147+149	PCB147+149	0.000088	0.000088	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 153+168	PCB153+168	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 156+157	PCB156+157	0.000083	0.000083	mg/kg	Y		EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 171+173	PCB171+173	0.00019	0.00019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 18+30	PCB18+30	0.0000079	0.0000079	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 180+193	PCB180+193	0.0003	0.0003	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 198+199	PCB198+199	0.00052	0.00052	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 20+28	PCB20+28	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 21+33	PCB21+33	0.0000055	0.0000055	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 26+29	PCB26+29	0.0000043		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 40+71	PCB40+71	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 49+69	PCB49+69	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 50+53	PCB50+53	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.0000012		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.000056	0.000056	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.000051	0.000051	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.000094	0.000094	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 88+91	PCB88+91	0.000011		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.000081	0.000081	mg/kg	Y	J	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 93+100	PCB93+100	0.000011		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 98+102	PCB98+102	0.0000097		mg/kg	N	U	EPA 1668A
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	RAD	Radium-226	Ra-226	1.04	1.04	pCi/g	Y		EPA 903.0
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	RAD	Radium-228	Ra-228	1.18	1.18	pCi/g	Y		EPA 904.0
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	RAD	Thorium-228	Th-228	2.34	2.34	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	RAD	Thorium-230	Th-230	1.45	1.45	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	RAD	Thorium-232	Th-232	2.41	2.41	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	RAD	Uranium-234	U-234	1.07	1.07	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	RAD	Uranium-235	U-235	0.0377		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	RAD	Uranium-238	U-238	0.98	0.98	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.075		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.067		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.33		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.08		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.095		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.067		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2-Chlorophenol	95-57-8	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2-Methylphenol	95-48-7	0.08		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2-Nitroaniline	88-74-4	0.067		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2-Nitrophenol	88-75-5	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	3-Nitroaniline	99-09-2	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.075		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	4-Chloroaniline	106-47-8	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.085		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	4-Nitroaniline	100-01-6	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	4-Nitrophenol	100-02-7	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Aniline	62-53-3	0.085		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Benzoic acid	65-85-0	0.34		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Benzyl alcohol	100-51-6	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.09		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.08		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Dibenzofuran	132-64-9	0.067		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Diethylphthalate	84-66-2	0.095		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Dimethylphthalate	131-11-3	0.067		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.09		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.09		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.13		mg/kg	N	UJ	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Hexachloroethane	67-72-1	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Isophorone	78-59-1	0.067		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Nitrobenzene	98-95-3	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.08		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Octachlorostyrene	29082-74-4	2.3		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Pentachlorophenol	87-86-5	0.34		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Phenol	108-95-2	0.09		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	TPH	EFH (C10-C40)	EFH-C10-C40	5.4	5.4	mg/kg	Y		EPA 8015
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	2.7	2.7	mg/kg	Y	J	EPA 8015
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.5		mg/kg	N	U	EPA 8015
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Chlorine Oxyanions	Chlorate	14866-68-3	1.6	1.6	mg/kg	Y		EPA 300.1
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	43	43	mg/kg	Y		EPA 314.0
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0015	0.0015	mg/kg	Y		EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00006	0.00006	mg/kg	Y	J	EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00062	0.00062	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000057	0.000057	mg/kg	Y		EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0002	0.0002	mg/kg	Y		EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00022	0.00022	mg/kg	Y		EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000062	0.0000062	mg/kg	Y	J	EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000012	0.000012	mg/kg	Y	J	EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000011		mg/kg	N	U	EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000013	0.000013	mg/kg	Y	J	EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000053	0.000053	mg/kg	Y		EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000041	0.0000041	mg/kg	Y	J	EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000039	0.000039	mg/kg	Y	J	EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000027	0.000027	mg/kg	Y	J	EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000027	0.000027	mg/kg	Y		EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000097	0.00000097	mg/kg	Y	J	EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	HpCDD (total)	37871-00-4	0.000089	0.000089	mg/kg	Y		EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	HpCDF (total)	38998-75-3	0.0013	0.0013	mg/kg	Y		EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	HxCDD (total)	34465-46-8	0.000085	0.000085	mg/kg	Y	J	EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	HxCDF (total)	55684-94-1	0.00091	0.00091	mg/kg	Y	J	EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	PeCDD (total)	36088-22-9	0.000035	0.000035	mg/kg	Y	J	EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	PeCDF (total)	30402-15-4	0.00042	0.00042	mg/kg	Y	J	EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	TCDD (total)	41903-57-5	0.000027	0.000027	mg/kg	Y	J	EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	TCDF (total)	30402-14-3	0.00028	0.00028	mg/kg	Y	J	EPA 8290
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	42000	42000	mg/kg	Y		SM 2320
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Ammonia	7664-41-7	2.5		mg/kg	N	U	SM 4500 NH3-D
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	50000	50000	mg/kg	Y		SM 2320
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Bromide	24959-67-9	3.8		mg/kg	N	U	EPA 300
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Carbonate as CO3	3812-32-6	630	630	mg/kg	Y		SM 2320
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Chloride	16887-00-6	140	140	mg/kg	Y	J-	EPA 300
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Hydroxide	14280-30-9	180		mg/kg	N	U	SM 2320
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Nitrate	14797-55-8	40	40	mg/kg	Y		EPA 300
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	40.3	40.3	mg/kg	Y		EPA 300
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	ortho-Phosphate	11-36-9	4.3		mg/kg	N	UJ	EPA 300
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Sulfate	14808-79-8	280	280	mg/kg	Y		EPA 300
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Aluminum	7429-90-5	8200	8200	mg/kg	Y		EPA 6010
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Antimony	7440-36-0	0.53		mg/kg	N	UJ	EPA 6020
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Arsenic	7440-38-2	3	3	mg/kg	Y		EPA 6020
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Barium	7440-39-3	150	150	mg/kg	Y	J+	EPA 6010
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Boron	7440-42-8	6.4	6.4	mg/kg	Y		EPA 6010
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Chromium (total)	7440-47-3	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Chromium VI	18540-29-9	0.42		mg/kg	N	U	EPA 7199
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Cobalt	7440-48-4	6.9	6.9	mg/kg	Y		EPA 6010
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Copper	7440-50-8	16	16	mg/kg	Y		EPA 6010
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Iron	7439-89-6	13000	13000	mg/kg	Y		EPA 6010
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Lead	7439-92-1	7.5	7.5	mg/kg	Y		EPA 6010
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Magnesium	7439-95-4	16000	16000	mg/kg	Y		EPA 6010
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Manganese	7439-96-5	350	350	mg/kg	Y		EPA 6010
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Mercury	7439-97-6	0.013		mg/kg	N	U	EPA 7471
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Molybdenum	7439-98-7	1.1		mg/kg	N	U	EPA 6010
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Nickel	7440-02-0	13	13	mg/kg	Y		EPA 6010
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Palladium	7440-05-3	0.055		mg/kg	N	U	EPA 6020
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Phosphorus (total)	7723-14-0	980	980	mg/kg	Y		EPA 6010
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Selenium	7782-49-2	0.53		mg/kg	N	U	EPA 6020
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Silicon	7440-21-3	68	68	mg/kg	Y	J-	EPA 6010
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Silver	7440-22-4	0.79		mg/kg	N	U	EPA 6010
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Strontium	7440-24-6	170	170	mg/kg	Y	J+	EPA 6010
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Sulfur	7704-34-9	400		mg/kg	N	U	EPA 6020
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Tungsten	7440-33-7	5.3		mg/kg	N	UJ	EPA 6010
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Uranium (total)	7440-61-1	0.91	0.91	mg/kg	Y		EPA 6020
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Zinc	7440-66-6	30	30	mg/kg	Y		EPA 6010
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Zirconium	7440-67-7	16	16	mg/kg	Y		EPA 6010
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	2,4'-DDE	3424-82-6	0.0047		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	4,4'-DDD	72-54-8	0.0047		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	4,4'-DDE	72-55-9	0.0047		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	4,4'-DDT	50-29-3	0.0047		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Aldrin	309-00-2	0.0047		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	alpha-BHC	319-84-6	0.0047		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	alpha-Chlordane	5103-71-9	0.0063		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	beta-BHC	319-85-7	0.0047		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	delta-BHC	319-86-8	0.0047		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Dieldrin	60-57-1	0.0047		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Endosulfan I	959-98-8	0.0047		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Endosulfan II	33213-65-9	0.0047		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0063		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Endrin	72-20-8	0.0047		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Endrin aldehyde	7421-93-4	0.0047		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Endrin ketone	53494-70-5	0.0063		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	gamma-BHC	58-89-9	0.0047		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	gamma-Chlordane	5103-74-2	0.0047		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Heptachlor	76-44-8	0.0063		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0063		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Hexachlorobenzene	118-74-1	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Methoxychlor	72-43-5	0.0047		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Toxaphene	8001-35-2	0.16		mg/kg	N	U	EPA 8081
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Atrazine	1912-24-9	0.013		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Chlorpyrifos	2921-88-2	0.0067		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Coumaphos	56-72-4	0.0029		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Dasanit	115-90-2	0.0085		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Demeton (O + S)	8065-48-3	0.0078		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Demeton-O	298-03-3	0.0055		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Demeton-S	126-75-0	0.005		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Diazinon	333-41-5	0.0075		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Dichlorovos	62-73-7	0.0077		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Dimethoate	60-51-5	0.0073		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Disulfoton	298-04-4	0.008		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	EPN	2104-64-5	0.0038		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Ethoprop	13194-48-4	0.0051		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Famphur	52-85-7	0.0033		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Fenthion	55-38-9	0.0091		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Guthion	86-50-0	0.0036		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Malathion	121-75-5	0.0048		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Merphos	150-50-5	0.0053		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Methyl parathion	298-00-0	0.0066		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Mevinphos	7786-34-7	0.0048		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Naled	300-76-5	0.023		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Parathion	56-38-2	0.0055		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Phorate	298-02-2	0.0059		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Prothiophos	34643-46-4	0.0041		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Ronnel	299-84-3	0.016		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Simazine	122-34-9	0.023		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Stirophos	22248-79-9	0.0045		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Sulfotepp	3689-24-5	0.0065		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Sulprofos	35400-43-2	0.0044		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Thionazin	297-97-2	0.0058		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Trichloronate	327-98-0	0.0065		mg/kg	N	U	EPA 8141A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	Organics	Phthalic acid	88-99-3	1.3		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	1-Methylnaphthalene	90-12-0	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	2-Methylnaphthalene	91-57-6	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Acenaphthene	83-32-9	0.013		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Acenaphthylene	208-96-8	0.013		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Anthracene	120-12-7	0.013		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Benzo(a)anthracene	56-55-3	0.013		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Benzo(a)pyrene	50-32-8	0.013		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.013		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.013		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.013		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Chrysene	218-01-9	0.013		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.013		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Fluoranthene	206-44-0	0.013		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Fluorene	86-73-7	0.013		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.013		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Naphthalene	91-20-3	0.013		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Phenanthrene	85-01-8	0.013		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Pyrene	129-00-0	0.013		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Aroclor-1260	11096-82-5	0.054		mg/kg	N	U	EPA 8082
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.0000016		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.0000016		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000022		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.000019		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.000019		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.000018		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000018		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.00002		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.000016		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000021		mg/kg	N	U	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.000017		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.000025		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.000003		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.0000024		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.000003		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.0000024		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.0000019		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.0000025		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.0000019		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.0000065	0.0000065	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.0000015		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.0000027		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000031		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.0000029		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.0000052	0.0000052	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000031		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.0000028		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.0000014		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.0000015		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.0000013		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.0000061	0.0000061	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000093		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.0000021		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.0000026		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.0000024		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.0000024		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.0000023		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.0000022		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.0000052	0.0000052	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.0000022		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.0000022		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.0000023		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.0000011		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.0000039		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.0000027		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.0000025		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.0000022		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.0000034		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.0000038		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.0000042		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.0000038		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.0000036		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.0000034		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.0000034		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.0000057	0.0000057	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.0000015		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000003		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.000003		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.0000011		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.0000048	0.0000048	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.0000027		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.0000024		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.0000023		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.0000023		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.0000028		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.0000061	0.0000061	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.0000024		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0000023		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.0000028		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.0000027		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.0000037		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.0000026		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.0000085	0.0000085	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.0000036		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.0000046	0.0000046	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.0000033		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.0000023		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.0000046	0.0000046	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.0000033		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.0000033		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.0000031		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.0000022		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.000003		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.0000021		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.0000022		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.0000058	0.0000058	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.0000062	0.0000062	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.0000048	0.0000048	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.000005	0.000005	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.0000045	0.0000045	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.0000044	0.0000044	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.0000096	0.0000096	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.0000027		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.0000096	0.0000096	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.000003		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0000028		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.0000087	0.0000087	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.0000082	0.0000082	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.0000069	0.0000069	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.0000089	0.0000089	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.0000057	0.0000057	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.0000039	0.0000039	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.000026	0.000026	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.000066	0.000066	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.000045	0.000045	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.000026	0.000026	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.000058	0.000058	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.000033	0.000033	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.000038	0.000038	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.000029	0.000029	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.00025	0.00025	mg/kg	Y		EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.00037	0.00037	mg/kg	Y		EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.00023	0.00023	mg/kg	Y		EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.003	0.003	mg/kg	Y		EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 107+124	PCB107+124	0.0000025		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 110+115	PCB110+115	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 12+13	PCB12+13	0.00002		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 128+166	PCB128+166	0.0000028		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.000025	0.000025	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 134+143	PCB134+143	0.0000035		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 135+151	PCB135+151	0.0000096	0.0000096	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 139+140	PCB139+140	0.0000045	0.0000045	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 147+149	PCB147+149	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 153+168	PCB153+168	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 156+157	PCB156+157	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 171+173	PCB171+173	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 18+30	PCB18+30	0.000006	0.000006	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 180+193	PCB180+193	0.000046	0.000046	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 198+199	PCB198+199	0.000077	0.000077	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 20+28	PCB20+28	0.0000075	0.0000075	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 21+33	PCB21+33	0.0000025		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 26+29	PCB26+29	0.0000027		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 40+71	PCB40+71	0.0000014		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 49+69	PCB49+69	0.0000018	0.0000018	mg/kg	Y	J	EPA 1668A

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 50+53	PCB50+53	0.0000014		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.0000011		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.0000073	0.0000073	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.0000055	0.0000055	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 88+91	PCB88+91	0.0000032		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 93+100	PCB93+100	0.0000032		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 98+102	PCB98+102	0.0000029		mg/kg	N	U	EPA 1668A
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	RAD	Radium-226	Ra-226	0.908	0.908	pCi/g	Y		EPA 903.0
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	RAD	Radium-228	Ra-228	1.28	1.28	pCi/g	Y		EPA 904.0
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	RAD	Thorium-228	Th-228	1.76	1.76	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	RAD	Thorium-230	Th-230	1.07	1.07	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	RAD	Thorium-232	Th-232	1.78	1.78	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	RAD	Uranium-234	U-234	0.721	0.721	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	RAD	Uranium-235	U-235	0.043	0.043	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	RAD	Uranium-238	U-238	1.22	1.22	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.079		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.35		mg/kg	N	UJ	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.084		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.1		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2-Chlorophenol	95-57-8	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2-Methylphenol	95-48-7	0.084		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2-Nitroaniline	88-74-4	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.079		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.089		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	4-Nitrophenol	100-02-7	0.15		mg/kg	N	UJ	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Aniline	62-53-3	0.089		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Benzoic acid	65-85-0	0.36		mg/kg	N	UJ	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Benzyl alcohol	100-51-6	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.094		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.084		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Dibenzofuran	132-64-9	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Diethylphthalate	84-66-2	0.1		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Dimethylphthalate	131-11-3	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.094		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.094		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	UJ	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Isophorone	78-59-1	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Nitrobenzene	98-95-3	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.084		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Pentachlorophenol	87-86-5	0.36		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Phenol	108-95-2	0.094		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Pyridine	110-86-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	TPH	EFH (C10-C40)	EFH-C10-C40	3	3	mg/kg	Y	J	EPA 8015
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	2.6		mg/kg	N	U	EPA 8015
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.6		mg/kg	N	U	EPA 8015
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Chlorine Oxyanions	Chlorate	14866-68-3	1.6	1.6	mg/kg	Y		EPA 300.1
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	78	78	mg/kg	Y		EPA 314.0
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.012	0.012	mg/kg	Y		EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00044	0.00044	mg/kg	Y		EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0044	0.0044	mg/kg	Y		EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00036	0.00036	mg/kg	Y		EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0016	0.0016	mg/kg	Y		EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0019	0.0019	mg/kg	Y		EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000035	0.000035	mg/kg	Y	J	EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0012	0.0012	mg/kg	Y		EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000082	0.000082	mg/kg	Y		EPA 8290

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DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000088	0.000088	mg/kg	Y		EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000078	0.000078	mg/kg	Y		EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00079	0.00079	mg/kg	Y		EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000041	0.000041	mg/kg	Y	J	EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00031	0.00031	mg/kg	Y		EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00039	0.00039	mg/kg	Y		EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00053	0.00053	mg/kg	Y		EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000017	0.000017	mg/kg	Y		EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	HpCDD (total)	37871-00-4	0.00057	0.00057	mg/kg	Y		EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	HpCDF (total)	38998-75-3	0.0095	0.0095	mg/kg	Y		EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	HxCDD (total)	34465-46-8	0.00056	0.00056	mg/kg	Y		EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	HxCDF (total)	55684-94-1	0.0087	0.0087	mg/kg	Y		EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	PeCDD (total)	36088-22-9	0.00048	0.00048	mg/kg	Y	J	EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	PeCDF (total)	30402-15-4	0.0068	0.0068	mg/kg	Y		EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	TCDD (total)	41903-57-5	0.00039	0.00039	mg/kg	Y	J	EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Dioxins	TCDF (total)	30402-14-3	0.0043	0.0043	mg/kg	Y	J+	EPA 8290
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	24000	24000	mg/kg	Y		SM 2320
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Ammonia	7664-41-7	2.5		mg/kg	N	U	SM 4500 NH3-D
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	29000	29000	mg/kg	Y		SM 2320
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Bromide	24959-67-9	3.6		mg/kg	N	U	EPA 300
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Carbonate as CO3	3812-32-6	310	310	mg/kg	Y		SM 2320
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Chloride	16887-00-6	290	290	mg/kg	Y		EPA 300
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Hydroxide	14280-30-9	180		mg/kg	N	U	SM 2320
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Nitrate	14797-55-8	52	52	mg/kg	Y		EPA 300
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	53.14285714	53.14285714	mg/kg	Y		EPA 300
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	ortho-Phosphate	11-36-9	4.2		mg/kg	N	UJ	EPA 300
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	General Chemistry	Sulfate	14808-79-8	2500	2500	mg/kg	Y		EPA 300
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Aluminum	7429-90-5	11000	11000	mg/kg	Y		EPA 6010
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Antimony	7440-36-0	1.2	1.2	mg/kg	Y	J-	EPA 6020
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Arsenic	7440-38-2	9.8	9.8	mg/kg	Y		EPA 6020
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Barium	7440-39-3	350	350	mg/kg	Y		EPA 6010
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Boron	7440-42-8	19	19	mg/kg	Y		EPA 6010
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Chromium (total)	7440-47-3	24	24	mg/kg	Y		EPA 6010
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Chromium VI	18540-29-9	0.55	0.55	mg/kg	Y	J	EPA 7199
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Cobalt	7440-48-4	12	12	mg/kg	Y		EPA 6010
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Copper	7440-50-8	98	98	mg/kg	Y		EPA 6010
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Iron	7439-89-6	20000	20000	mg/kg	Y		EPA 6010
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Lead	7439-92-1	43	43	mg/kg	Y		EPA 6010
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Magnesium	7439-95-4	12000	12000	mg/kg	Y		EPA 6010
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Manganese	7439-96-5	1700	1700	mg/kg	Y		EPA 6010
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Mercury	7439-97-6	0.027	0.027	mg/kg	Y		EPA 7471
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Molybdenum	7439-98-7	41	41	mg/kg	Y		EPA 6010
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Nickel	7440-02-0	18	18	mg/kg	Y		EPA 6010
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Niobium	7440-03-1	1.8		mg/kg	N	UJ	EPA 6020
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Palladium	7440-05-3	0.052		mg/kg	N	U	EPA 6020
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Phosphorus (total)	7723-14-0	1100	1100	mg/kg	Y		EPA 6010
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Selenium	7782-49-2	0.52		mg/kg	N	U	EPA 6020
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Silicon	7440-21-3	160	160	mg/kg	Y	J-	EPA 6010
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Silver	7440-22-4	0.78		mg/kg	N	U	EPA 6010
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Strontium	7440-24-6	280	280	mg/kg	Y		EPA 6010
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Sulfur	7704-34-9	1900	1900	mg/kg	Y	J	EPA 6020
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Thallium	7440-28-0	0.79	0.79	mg/kg	Y		EPA 6020
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Tungsten	7440-33-7	5.2		mg/kg	N	UJ	EPA 6010
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Uranium (total)	7440-61-1	0.99	0.99	mg/kg	Y		EPA 6020
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Zinc	7440-66-6	100	100	mg/kg	Y		EPA 6010
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Metals	Zirconium	7440-67-7	26	26	mg/kg	Y		EPA 6010
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	2,4'-DDE	3424-82-6	0.0027	0.0027	mg/kg	Y	J+	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	4,4'-DDE	72-55-9	0.0049	0.0049	mg/kg	Y	J	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	4,4'-DDT	50-29-3	0.0086	0.0086	mg/kg	Y	J	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	beta-BHC	319-85-7	0.048	0.048	mg/kg	Y	J+	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Hexachlorobenzene	118-74-1	0.17	0.17	mg/kg	Y	J	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Toxaphene	8001-35-2	0.052		mg/kg	N	U	EPA 8081
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Atrazine	1912-24-9	0.013		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Chlorpyrifos	2921-88-2	0.0067		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Coumaphos	56-72-4	0.0029		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Dasanit	115-90-2	0.0084		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Demeton (O + S)	8065-48-3	0.0078		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Demeton-O	298-03-3	0.0055		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Demeton-S	126-75-0	0.005		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Diazinon	333-41-5	0.0075		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Dichlorovos	62-73-7	0.0077		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Dimethoate	60-51-5	0.0073		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Disulfoton	298-04-4	0.008		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	EPN	2104-64-5	0.0038		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Ethoprop	13194-48-4	0.0051		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Famphur	52-85-7	0.0033		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Fenthion	55-38-9	0.0091		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Guthion	86-50-0	0.0036		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Malathion	121-75-5	0.0048		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Merphos	150-50-5	0.0053		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Methyl parathion	298-00-0	0.0066		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Mevinphos	7786-34-7	0.0048		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Naled	300-76-5	0.023		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Parathion	56-38-2	0.0055		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Phorate	298-02-2	0.0059		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Prothiophos	34643-46-4	0.0041		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Ronnel	299-84-3	0.016		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Simazine	122-34-9	0.023		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Stirophos	22248-79-9	0.0045		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Sulfotepp	3689-24-5	0.0065		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Sulprofos	35400-43-2	0.0044		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Thionazin	297-97-2	0.0058		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OPPs	Trichloronate	327-98-0	0.0065		mg/kg	N	U	EPA 8141A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	Organics	Phthalic acid	88-99-3	1.3		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	2-Methylnaphthalene	91-57-6	0.072		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Acenaphthene	83-32-9	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Acenaphthylene	208-96-8	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Anthracene	120-12-7	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Benzo(a)anthracene	56-55-3	0.0048	0.0048	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Benzo(a)pyrene	50-32-8	0.0052	0.0052	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.012	0.012	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0074	0.0074	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Chrysene	218-01-9	0.01	0.01	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Fluoranthene	206-44-0	0.0099	0.0099	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Fluorene	86-73-7	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.005	0.005	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Naphthalene	91-20-3	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Phenanthrene	85-01-8	0.0052	0.0052	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Pyrene	129-00-0	0.006	0.006	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Aroclor-1260	11096-82-5	0.018		mg/kg	N	U	EPA 8082
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.000056	0.000056	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.000057	0.000057	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.00008	0.00008	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000018		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.00002		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.00002		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.000019		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000088	0.000088	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.000021		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.000013		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000022		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.000018		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.00045	0.00045	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.000047	0.000047	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.000025	0.000025	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.000012	0.000012	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.00041	0.00041	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.000025		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.0000053	0.0000053	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.000026		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.0003	0.0003	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.000072	0.000072	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.000028		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.000032		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.000029		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.00066	0.00066	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.000032		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.000028		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.00011	0.00011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.00028	0.00028	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.00006	0.00006	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.00013	0.00013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.000053	0.000053	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.00016	0.00016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.000038	0.000038	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.0017	0.0017	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.0000029	0.0000029	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.00003		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.0007	0.0007	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.00024	0.00024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.000033		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.0005	0.0005	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.000031		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.00053	0.00053	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.0013	0.0013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.000031		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.000031		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.000032		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.0000023		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.00032	0.00032	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.000038		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.000035		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.000031		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.000047		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.00032		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.00035		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.00089	0.00089	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.0003		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.0019	0.0019	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.00029		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.013	0.013	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.000024	0.000024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.00069	0.00069	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.00025		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.0000049	0.0000049	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.00088	0.00088	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.00022		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.00022	0.00022	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.00019		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.0002		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.00024		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.0054	0.0054	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.0002		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.00019		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.00023		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.00023		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.00044	0.00044	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.00022		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.0025	0.0025	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.00026		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.019	0.019	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.00062	0.00062	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.0076	0.0076	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.0066	0.0066	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.019	0.019	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.00024		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.0037	0.0037	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.00016		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.0084	0.0084	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.00022		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.00015		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.00016		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.00019		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.00014		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.0072	0.0072	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.00019		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.00017		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.00079	0.00079	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.00018		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.0002		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.0022	0.0022	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.00015		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.049	0.049	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0064	0.0064	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.043	0.043	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.0016	0.0016	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.0037	0.0037	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.023	0.023	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.0054	0.0054	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.011	0.011	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.00009		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.000024		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.023	0.023	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.00024	0.00024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.0001		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00002		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.036	0.036	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.00013	0.00013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.0017	0.0017	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.0095	0.0095	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.0023	0.0023	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.000078		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.018	0.018	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.0068	0.0068	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.0094	0.0094	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.001	0.001	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.0021	0.0021	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.0022	0.0022	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.0019	0.0019	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.0099	0.0099	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.00046	0.00046	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.0014	0.0014	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.0063	0.0063	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.0056	0.0056	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.0035	0.0035	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.044	0.044	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 107+124	PCB107+124	0.00021		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 110+115	PCB110+115	0.013	0.013	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 12+13	PCB12+13	0.000098	0.000098	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 128+166	PCB128+166	0.0058	0.0058	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.079	0.079	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 134+143	PCB134+143	0.00025		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 135+151	PCB135+151	0.023	0.023	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 139+140	PCB139+140	0.00022		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 147+149	PCB147+149	0.058	0.058	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 153+168	PCB153+168	0.073	0.073	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 156+157	PCB156+157	0.006	0.006	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 171+173	PCB171+173	0.014	0.014	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 18+30	PCB18+30	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 180+193	PCB180+193	0.1	0.1	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 198+199	PCB198+199	0.015	0.015	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 20+28	PCB20+28	0.00086	0.00086	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 21+33	PCB21+33	0.00007	0.00007	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 26+29	PCB26+29	0.000028		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 40+71	PCB40+71	0.00061	0.00061	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.001	0.001	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 49+69	PCB49+69	0.00044	0.00044	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 50+53	PCB50+53	0.0001	0.0001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.000087	0.000087	mg/kg	Y	J	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.0019	0.0019	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.00023		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.0035	0.0035	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 88+91	PCB88+91	0.00027		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.02	0.02	mg/kg	Y		EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 93+100	PCB93+100	0.00027		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	PCBs 98+102	PCB98+102	0.00025		mg/kg	N	U	EPA 1668A
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	RAD	Radium-226	Ra-226	0.727	0.727	pCi/g	Y		EPA 903.0
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	RAD	Radium-228	Ra-228	1.07	1.07	pCi/g	Y		EPA 904.0
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	RAD	Thorium-228	Th-228	1.51	1.51	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	RAD	Thorium-230	Th-230	0.953	0.953	pCi/g	Y	J	DOE EML HASL 300 A-01-R
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	RAD	Thorium-232	Th-232	1.4	1.4	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	RAD	Uranium-234	U-234	1.05	1.05	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	RAD	Uranium-235	U-235	0.0926	0.0926	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	RAD	Uranium-238	U-238	0.906	0.906	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.077		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.34		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.082		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.097		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2-Chlorophenol	95-57-8	0.072		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2-Methylphenol	95-48-7	0.082		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2-Nitroaniline	88-74-4	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.077		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.072		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.087		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	4-Nitrophenol	100-02-7	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Aniline	62-53-3	0.087		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Benzidine	92-87-5	0.68		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Benzoic acid	65-85-0	0.35		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Benzyl alcohol	100-51-6	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.072		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.092		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.082		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Dibenzofuran	132-64-9	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Diethylphthalate	84-66-2	0.097		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Dimethylphthalate	131-11-3	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.092		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.092		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Isophorone	78-59-1	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Nitrobenzene	98-95-3	0.072		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.072		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.082		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Phenol	108-95-2	0.092		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	TPH	EFH (C10-C40)	EFH-C10-C40	67	67	mg/kg	Y		EPA 8015
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	17	17	mg/kg	Y		EPA 8015
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	49	49	mg/kg	Y		EPA 8015
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Chlorine Oxyanions	Chlorate	14866-68-3	19	19	mg/kg	Y		EPA 300.1
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	39	39	mg/kg	Y		EPA 314.0
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0014	0.0014	mg/kg	Y		EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000072	0.000072	mg/kg	Y	J	EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00045	0.00045	mg/kg	Y		EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000041	0.000041	mg/kg	Y	J	EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00016	0.00016	mg/kg	Y		EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00021	0.00021	mg/kg	Y		EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000035	0.0000035	mg/kg	Y	J	EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00001	0.00001	mg/kg	Y	J	EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000086	0.0000086	mg/kg	Y	J	EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000012	0.000012	mg/kg	Y	J	EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000081	0.000081	mg/kg	Y		EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000057	0.0000057	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000035	0.000035	mg/kg	Y	J	EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00004	0.00004	mg/kg	Y	J	EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000049	0.000049	mg/kg	Y		EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000017	0.0000017	mg/kg	Y	J	EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	HpCDD (total)	37871-00-4	0.000067	0.000067	mg/kg	Y		EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	HpCDF (total)	38998-75-3	0.001	0.001	mg/kg	Y		EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	HxCDD (total)	34465-46-8	0.000074	0.000074	mg/kg	Y	J	EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	HxCDF (total)	55684-94-1	0.00093	0.00093	mg/kg	Y	J	EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	PeCDD (total)	36088-22-9	0.000047	0.000047	mg/kg	Y	J	EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	PeCDF (total)	30402-15-4	0.00056	0.00056	mg/kg	Y	J	EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	TCDD (total)	41903-57-5	0.000036	0.000036	mg/kg	Y	J	EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Dioxins	TCDF (total)	30402-14-3	0.0004	0.0004	mg/kg	Y	J	EPA 8290
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	21000	21000	mg/kg	Y		SM 2320
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Ammonia	7664-41-7	2.6		mg/kg	N	U	SM 4500 NH3-D
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	25000	25000	mg/kg	Y		SM 2320
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Bromide	24959-67-9	3.7		mg/kg	N	U	EPA 300
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Carbonate as CO3	3812-32-6	310	310	mg/kg	Y		SM 2320
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Chloride	16887-00-6	560	560	mg/kg	Y		EPA 300
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Hydroxide	14280-30-9	180		mg/kg	N	U	SM 2320
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Nitrate	14797-55-8	63	63	mg/kg	Y		EPA 300
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	62	62	mg/kg	Y		EPA 300
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	ortho-Phosphate	11-36-9	4.3		mg/kg	N	UJ	EPA 300
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	General Chemistry	Sulfate	14808-79-8	1500	1500	mg/kg	Y		EPA 300
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Aluminum	7429-90-5	8700	8700	mg/kg	Y		EPA 6010
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Antimony	7440-36-0	0.53		mg/kg	N	UJ	EPA 6020
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Arsenic	7440-38-2	2.9	2.9	mg/kg	Y		EPA 6020
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Barium	7440-39-3	190	190	mg/kg	Y	J+	EPA 6010
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Boron	7440-42-8	56	56	mg/kg	Y		EPA 6010
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Cadmium	7440-43-9	0.27		mg/kg	N	U	EPA 6010
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Chromium (total)	7440-47-3	13	13	mg/kg	Y		EPA 6010
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Chromium VI	18540-29-9	0.43		mg/kg	N	U	EPA 7199
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Cobalt	7440-48-4	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Copper	7440-50-8	22	22	mg/kg	Y		EPA 6010
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Iron	7439-89-6	15000	15000	mg/kg	Y		EPA 6010
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Lead	7439-92-1	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Magnesium	7439-95-4	9600	9600	mg/kg	Y		EPA 6010
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Manganese	7439-96-5	690	690	mg/kg	Y		EPA 6010
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Mercury	7439-97-6	0.013		mg/kg	N	U	EPA 7471
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Molybdenum	7439-98-7	1.1		mg/kg	N	U	EPA 6010
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Nickel	7440-02-0	16	16	mg/kg	Y		EPA 6010
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Palladium	7440-05-3	0.055		mg/kg	N	U	EPA 6020
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Phosphorus (total)	7723-14-0	1100	1100	mg/kg	Y		EPA 6010
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Selenium	7782-49-2	0.53		mg/kg	N	U	EPA 6020
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Silicon	7440-21-3	55	55	mg/kg	Y	J-	EPA 6010
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Silver	7440-22-4	0.8		mg/kg	N	U	EPA 6010
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Strontium	7440-24-6	220	220	mg/kg	Y	J+	EPA 6010
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Sulfur	7704-34-9	410		mg/kg	N	U	EPA 6020
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Thallium	7440-28-0	0.27		mg/kg	N	U	EPA 6020
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Tungsten	7440-33-7	5.3		mg/kg	N	UJ	EPA 6010
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Uranium (total)	7440-61-1	0.99	0.99	mg/kg	Y		EPA 6020
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Zinc	7440-66-6	33	33	mg/kg	Y		EPA 6010
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Metals	Zirconium	7440-67-7	21	21	mg/kg	Y		EPA 6010
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	2,4'-DDE	3424-82-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	4,4'-DDE	72-55-9	0.0034	0.0034	mg/kg	Y	J	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	4,4'-DDT	50-29-3	0.0018	0.0018	mg/kg	Y	J	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	beta-BHC	319-85-7	0.003	0.003	mg/kg	Y	J	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Hexachlorobenzene	118-74-1	0.074		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Toxaphene	8001-35-2	0.053		mg/kg	N	U	EPA 8081
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Atrazine	1912-24-9	0.013		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Chlorpyrifos	2921-88-2	0.0067		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Coumaphos	56-72-4	0.0029		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Dasanit	115-90-2	0.0084		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Demeton (O + S)	8065-48-3	0.0078		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Demeton-O	298-03-3	0.0055		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Demeton-S	126-75-0	0.005		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Diazinon	333-41-5	0.0075		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Dichlorovos	62-73-7	0.0077		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Dimethoate	60-51-5	0.0073		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Disulfoton	298-04-4	0.008		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	EPN	2104-64-5	0.0038		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Ethoprop	13194-48-4	0.0051		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Famphur	52-85-7	0.0033		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Fenthion	55-38-9	0.0091		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Guthion	86-50-0	0.0036		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Malathion	121-75-5	0.0048		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Merphos	150-50-5	0.0053		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Methyl parathion	298-00-0	0.0066		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Mevinphos	7786-34-7	0.0048		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Naled	300-76-5	0.023		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Parathion	56-38-2	0.0055		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Phorate	298-02-2	0.0059		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Prothiophos	34643-46-4	0.0041		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Ronnel	299-84-3	0.016		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Simazine	122-34-9	0.023		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Stirophos	22248-79-9	0.0045		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Sulfotepp	3689-24-5	0.0065		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Sulprofos	35400-43-2	0.0044		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Thionazin	297-97-2	0.0058		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OPPs	Trichloronate	327-98-0	0.0065		mg/kg	N	U	EPA 8141A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	Organics	Phthalic acid	88-99-3	1.3		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	1-Methylnaphthalene	90-12-0	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	2-Methylnaphthalene	91-57-6	0.074		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Acenaphthene	83-32-9	0.0043		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Acenaphthylene	208-96-8	0.0043		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Anthracene	120-12-7	0.0043		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Benzo(a)anthracene	56-55-3	0.0043		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Benzo(a)pyrene	50-32-8	0.0043		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.0043		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0043		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.0043		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Chrysene	218-01-9	0.0043		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0043		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Fluoranthene	206-44-0	0.0043		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Fluorene	86-73-7	0.0043		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0043		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Naphthalene	91-20-3	0.0043		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Phenanthrene	85-01-8	0.0043		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Pyrene	129-00-0	0.0043		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Aroclor-1260	11096-82-5	0.018		mg/kg	N	U	EPA 8082
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.0000054	0.0000054	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.0000071	0.0000071	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000032		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.000018		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.000018		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.000017		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000017		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.000019		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.000022		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.00002		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.000017		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.000023		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000057	0.0000057	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000036	0.0000036	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.0000029		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.000005		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.0000022		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.0000052		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.0000021		mg/kg	N	U	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.0000022	0.0000022	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.0000055		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000064		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.0000059		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.000032	0.000032	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000064		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.0000057		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.0000023		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.0000066	0.0000066	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.0000022		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.000006	0.000006	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.0000022		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.0000039	0.0000039	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000081	0.000081	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.0000014		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.0000042		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.0000047		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.0000047		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.0000078	0.0000078	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.0000044		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.000037	0.000037	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.0000043		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.0000043		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.0000045		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.0000014		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.0000053		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.0000049		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.0000043		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.0000062		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.00001		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.000012		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.000011		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.0000099		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.000023	0.000023	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.0000094		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.000082	0.000082	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.0000023		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.00005	0.00005	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0000084		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.0000019		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.00008	0.00008	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.0000062		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.0000064		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.0000076		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.0000065		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0000063		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.0000076		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.0000074		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.0000097		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.0000072		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.000023	0.000023	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.0000065		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.00007	0.00007	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.000006		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.000023	0.000023	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.000079	0.000079	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.0000059		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.0000041		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.000046	0.000046	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.0000054		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.0000037		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.000004		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.0000048		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.0000034		mg/kg	N	U	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.00004	0.00004	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.0000041		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.0000047		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.0000042		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.0000085	0.0000085	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.00003	0.00003	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.0000049		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.000027	0.000027	mg/kg	Y		EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.0000051		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.000044	0.000044	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.00003	0.00003	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.000027	0.000027	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.000068	0.000068	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.000033	0.000033	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.000036	0.000036	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.000076	0.000076	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.000026	0.000026	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.000022	0.000022	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.000026	0.000026	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.000038	0.000038	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.000005	0.000005	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.000097	0.000097	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.000033	0.000033	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.000071	0.000071	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.000037	0.000037	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.000089	0.000089	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.000036	0.000036	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.000077	0.000077	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.000052	0.000052	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.000046	0.000046	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.00041	0.00041	mg/kg	Y		EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.00057	0.00057	mg/kg	Y		EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.00037	0.00037	mg/kg	Y		EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.006	0.006	mg/kg	Y		EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 107+124	PCB107+124	0.000007		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 110+115	PCB110+115	0.00018	0.00018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 12+13	PCB12+13	0.000019		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 128+166	PCB128+166	0.000044	0.000044	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.00032	0.00032	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 134+143	PCB134+143	0.0000063		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 135+151	PCB135+151	0.000077	0.000077	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 139+140	PCB139+140	0.0000054		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 147+149	PCB147+149	0.00019	0.00019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 153+168	PCB153+168	0.00025	0.00025	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 156+157	PCB156+157	0.000056	0.000056	mg/kg	Y		EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 171+173	PCB171+173	0.000059	0.000059	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 18+30	PCB18+30	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 180+193	PCB180+193	0.0003	0.0003	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 198+199	PCB198+199	0.00016	0.00016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 20+28	PCB20+28	0.000026	0.000026	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 21+33	PCB21+33	0.0000089	0.0000089	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 26+29	PCB26+29	0.0000055		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 40+71	PCB40+71	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.000045	0.000045	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 49+69	PCB49+69	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 50+53	PCB50+53	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.0000014		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.000064	0.000064	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.000037	0.000037	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.000097	0.000097	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 88+91	PCB88+91	0.0000088		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.00013	0.00013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 93+100	PCB93+100	0.0000089		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	PCBs 98+102	PCB98+102	0.0000081		mg/kg	N	U	EPA 1668A
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	RAD	Radium-226	Ra-226	0.949	0.949	pCi/g	Y		EPA 903.0

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	RAD	Radium-228	Ra-228	1.13	1.13	pCi/g	Y		EPA 904.0
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	RAD	Thorium-228	Th-228	2.05	2.05	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	RAD	Thorium-230	Th-230	0.999	0.999	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	RAD	Thorium-232	Th-232	2.13	2.13	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	RAD	Uranium-234	U-234	0.774	0.774	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	RAD	Uranium-235	U-235	0.0107		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	RAD	Uranium-238	U-238	1.01	1.01	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.08		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.071		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.35		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.085		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.1		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.071		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2-Chlorophenol	95-57-8	0.074		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2-Methylphenol	95-48-7	0.085		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2-Nitroaniline	88-74-4	0.071		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.08		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.074		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.09		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	4-Nitrophenol	100-02-7	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Aniline	62-53-3	0.09		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Benzidine	92-87-5	0.7		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Benzoic acid	65-85-0	0.36		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Benzyl alcohol	100-51-6	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.074		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.096		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.085		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Dibenzofuran	132-64-9	0.071		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Diethylphthalate	84-66-2	0.1		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Dimethylphthalate	131-11-3	0.071		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.096		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.096		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	UJ	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Isophorone	78-59-1	0.071		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Nitrobenzene	98-95-3	0.074		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.074		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.085		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Pentachlorophenol	87-86-5	0.36		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Phenol	108-95-2	0.096		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	SVOCs	Pyridine	110-86-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	TPH	EFH (C10-C40)	EFH-C10-C40	6.1	6.1	mg/kg	Y		EPA 8015
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	2.7		mg/kg	N	U	EPA 8015
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.7		mg/kg	N	U	EPA 8015
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Chlorine Oxyanions	Chlorate	14866-68-3	5.2	5.2	mg/kg	Y		EPA 300.1
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	18	18	mg/kg	Y		EPA 314.0
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.083	0.083	mg/kg	Y	J	EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0025	0.0025	mg/kg	Y		EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.028	0.028	mg/kg	Y	J	EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0022	0.0022	mg/kg	Y		EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.011	0.011	mg/kg	Y		EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.014	0.014	mg/kg	Y		EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00025	0.00025	mg/kg	Y		EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0068	0.0068	mg/kg	Y		EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0005	0.0005	mg/kg	Y		EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00083	0.00083	mg/kg	Y		EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00057	0.00057	mg/kg	Y		EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0052	0.0052	mg/kg	Y		EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00031	0.00031	mg/kg	Y		EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.003	0.003	mg/kg	Y		EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0026	0.0026	mg/kg	Y		EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0025	0.0025	mg/kg	Y		EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000097	0.000097	mg/kg	Y		EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	HpCDD (total)	37871-00-4	0.0035	0.0035	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	HpCDF (total)	38998-75-3	0.063	0.063	mg/kg	Y	J	EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	HxCDD (total)	34465-46-8	0.0041	0.0041	mg/kg	Y		EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	HxCDF (total)	55684-94-1	0.064	0.064	mg/kg	Y		EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	PeCDD (total)	36088-22-9	0.0033	0.0033	mg/kg	Y	J	EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	PeCDF (total)	30402-15-4	0.039	0.039	mg/kg	Y		EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	TCDD (total)	41903-57-5	0.0033	0.0033	mg/kg	Y	J	EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Dioxins	TCDF (total)	30402-14-3	0.03	0.03	mg/kg	Y	J	EPA 8290
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	61000	61000	mg/kg	Y		SM 2320
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	General Chemistry	Ammonia	7664-41-7	2.5		mg/kg	N	U	SM 4500 NH3-D
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	73000	73000	mg/kg	Y		SM 2320
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	General Chemistry	Bromide	24959-67-9	3.7		mg/kg	N	U	EPA 300
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	General Chemistry	Carbonate as CO3	3812-32-6	310	310	mg/kg	Y		SM 2320
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	General Chemistry	Chloride	16887-00-6	180	180	mg/kg	Y		EPA 300
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	General Chemistry	Hydroxide	14280-30-9	180		mg/kg	N	U	SM 2320
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	General Chemistry	Nitrate	14797-55-8	49	49	mg/kg	Y		EPA 300
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	48.71428571	48.71428571	mg/kg	Y		EPA 300
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	General Chemistry	ortho-Phosphate	11-36-9	4.2		mg/kg	N	U	EPA 300
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	General Chemistry	Sulfate	14808-79-8	2700	2700	mg/kg	Y		EPA 300
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Aluminum	7429-90-5	9300	9300	mg/kg	Y		EPA 6010
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Antimony	7440-36-0	0.51		mg/kg	N	UJ	EPA 6020
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Arsenic	7440-38-2	9	9	mg/kg	Y		EPA 6020
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Barium	7440-39-3	180	180	mg/kg	Y	J	EPA 6010
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Boron	7440-42-8	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Chromium (total)	7440-47-3	21	21	mg/kg	Y		EPA 6010
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Chromium VI	18540-29-9	0.61	0.61	mg/kg	Y	J	EPA 7199
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Cobalt	7440-48-4	12	12	mg/kg	Y		EPA 6010
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Copper	7440-50-8	26	26	mg/kg	Y		EPA 6010
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Iron	7439-89-6	16000	16000	mg/kg	Y		EPA 6010
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Lead	7439-92-1	17	17	mg/kg	Y		EPA 6010
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Magnesium	7439-95-4	29000	29000	mg/kg	Y		EPA 6010
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Manganese	7439-96-5	1200	1200	mg/kg	Y		EPA 6010
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Mercury	7439-97-6	0.077	0.077	mg/kg	Y		EPA 7471
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Molybdenum	7439-98-7	3.3	3.3	mg/kg	Y		EPA 6010
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Nickel	7440-02-0	18	18	mg/kg	Y		EPA 6010
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Niobium	7440-03-1	1.8		mg/kg	N	U	EPA 6020
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Palladium	7440-05-3	0.052		mg/kg	N	U	EPA 6020
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Phosphorus (total)	7723-14-0	790	790	mg/kg	Y		EPA 6010
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Selenium	7782-49-2	0.51		mg/kg	N	U	EPA 6020
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Silicon	7440-21-3	49	49	mg/kg	Y	J-	EPA 6010
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Silver	7440-22-4	0.77		mg/kg	N	U	EPA 6010
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Strontium	7440-24-6	210	210	mg/kg	Y	J	EPA 6010
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Sulfur	7704-34-9	14000	14000	mg/kg	Y		EPA 6020
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Tungsten	7440-33-7	5.1		mg/kg	N	UJ	EPA 6010
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Uranium (total)	7440-61-1	0.94	0.94	mg/kg	Y		EPA 6020
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Zinc	7440-66-6	55	55	mg/kg	Y		EPA 6010
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Metals	Zirconium	7440-67-7	26	26	mg/kg	Y		EPA 6010
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	2,4'-DDE	3424-82-6	0.006	0.006	mg/kg	Y	J+	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	4,4'-DDE	72-55-9	0.011	0.011	mg/kg	Y	J+	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	4,4'-DDT	50-29-3	0.0039	0.0039	mg/kg	Y	J+	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	beta-BHC	319-85-7	0.016	0.016	mg/kg	Y	J+	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	Hexachlorobenzene	118-74-1	1.2	1.2	mg/kg	Y		EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	Toxaphene	8001-35-2	0.052		mg/kg	N	U	EPA 8081
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Chlorpyrifos	2921-88-2	0.0066		mg/kg	N	U	EPA 8141A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Coumaphos	56-72-4	0.0028		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Dasanit	115-90-2	0.0083		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Demeton (O + S)	8065-48-3	0.0077		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Demeton-O	298-03-3	0.0054		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Demeton-S	126-75-0	0.0049		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Diazinon	333-41-5	0.0074		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Dichlorovos	62-73-7	0.0075		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Dimethoate	60-51-5	0.0072		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Disulfoton	298-04-4	0.0079		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	EPN	2104-64-5	0.0037		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Ethoprop	13194-48-4	0.005		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Famphur	52-85-7	0.0033		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Fenthion	55-38-9	0.0089		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Guthion	86-50-0	0.0036		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Malathion	121-75-5	0.0047		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Merphos	150-50-5	0.0052		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Methyl parathion	298-00-0	0.0065		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Mevinphos	7786-34-7	0.0047		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Naled	300-76-5	0.023		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Parathion	56-38-2	0.0054		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Phorate	298-02-2	0.0058		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Prothiophos	34643-46-4	0.004		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Ronnel	299-84-3	0.015		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Simazine	122-34-9	0.022		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Stirophos	22248-79-9	0.0044		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Sulfotepp	3689-24-5	0.0064		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Sulprofos	35400-43-2	0.0043		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Thionazin	297-97-2	0.0057		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OPPs	Trichloronate	327-98-0	0.0064		mg/kg	N	U	EPA 8141A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	Organics	Phthalic acid	88-99-3	1.3		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	1-Methylnaphthalene	90-12-0	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	2-Methylnaphthalene	91-57-6	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	Acenaphthene	83-32-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	Acenaphthylene	208-96-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	Anthracene	120-12-7	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	Benzo(a)anthracene	56-55-3	0.0081	0.0081	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	Benzo(a)pyrene	50-32-8	0.0083	0.0083	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.022	0.022	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0068	0.0068	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.0066	0.0066	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	Chrysene	218-01-9	0.017	0.017	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	Fluoranthene	206-44-0	0.011	0.011	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	Fluorene	86-73-7	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0085	0.0085	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	Naphthalene	91-20-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	Phenanthrene	85-01-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	Pyrene	129-00-0	0.011	0.011	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	Aroclor-1260	11096-82-5	0.018		mg/kg	N	U	EPA 8082
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.000097	0.000097	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.00016	0.00016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.00031	0.00031	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.00016		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.00012		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.00012		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.00012		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.00036	0.00036	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.00013		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.00011		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.00013		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.00011		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.0016	0.0016	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.000086	0.000086	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.000068	0.000068	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.000016		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00005		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.000013		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.000099	0.000099	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.000039	0.000039	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.00032	0.00032	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.000035	0.000035	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.000087	0.000087	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.00043	0.00043	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.00013	0.00013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.00065	0.00065	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.000063		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.000056		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.000063	0.000063	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.00014	0.00014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.00014	0.00014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.000066	0.000066	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00001		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.00014	0.00014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.000049	0.000049	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.00039	0.00039	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.000006		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.00016	0.00016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.00067	0.00067	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.000092		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.000092		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.0002	0.0002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.00015	0.00015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.00015	0.00015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.00094	0.00094	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.000085		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.00023	0.00023	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.00031	0.00031	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.00006	0.00006	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.00047	0.00047	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.0001		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.00029	0.00029	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.00015	0.00015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.00027	0.00027	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.00031		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.00034		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.00031		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.00029		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.00053	0.00053	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.00028		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.0016	0.0016	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.000044	0.000044	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.00049	0.00049	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.00025		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.00005	0.00005	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.00072	0.00072	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.00054	0.00054	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.00056	0.00056	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.00055	0.00055	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.00019		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.00046	0.00046	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.0016	0.0016	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.00043	0.00043	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.00019		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-122 (2,3,3',4',5-PeCB)	76842-07-4	0.00023		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.00029	0.00029	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.00056	0.00056	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.00022		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.0017	0.0017	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.00041		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.0027	0.0027	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.0006	0.0006	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.0011	0.0011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.00066	0.00066	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.0046	0.0046	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.00045	0.00045	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.001	0.001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.00025		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.0028	0.0028	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.00049	0.00049	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.00023		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.00025		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.00074	0.00074	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.0002		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.0016	0.0016	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.00083	0.00083	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.00066	0.00066	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.00043	0.00043	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.0008	0.0008	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.0016	0.0016	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.00035	0.00035	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.0014	0.0014	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.00023		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.0059	0.0059	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0027	0.0027	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.0067	0.0067	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.0021	0.0021	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.0016	0.0016	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.0038	0.0038	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.0019	0.0019	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.0023	0.0023	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.00052	0.00052	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.0013	0.0013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.0045	0.0045	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.002	0.002	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.0014	0.0014	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00033	0.00033	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.0063	0.0063	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.0011	0.0011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.0018	0.0018	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.0023	0.0023	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.0012	0.0012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.00047	0.00047	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.0049	0.0049	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.0022	0.0022	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.0073	0.0073	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.0045	0.0045	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.0023	0.0023	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.0053	0.0053	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.0019	0.0019	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.0042	0.0042	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.0036	0.0036	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.0026	0.0026	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.023	0.023	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.032	0.032	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.019	0.019	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.26	0.26	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 107+124	PCB107+124	0.00044	0.00044	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 110+115	PCB110+115	0.0032	0.0032	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 12+13	PCB12+13	0.00013		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 128+166	PCB128+166	0.0015	0.0015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.012	0.012	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 134+143	PCB134+143	0.00045	0.00045	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 135+151	PCB135+151	0.004	0.004	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 139+140	PCB139+140	0.00058	0.00058	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 147+149	PCB147+149	0.0087	0.0087	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 153+168	PCB153+168	0.012	0.012	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 156+157	PCB156+157	0.0021	0.0021	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 171+173	PCB171+173	0.005	0.005	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 18+30	PCB18+30	0.00013	0.00013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 180+193	PCB180+193	0.017	0.017	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 198+199	PCB198+199	0.0086	0.0086	mg/kg	Y		EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 20+28	PCB20+28	0.00045	0.00045	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 21+33	PCB21+33	0.00025	0.00025	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 26+29	PCB26+29	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 40+71	PCB40+71	0.00081	0.00081	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.00045	0.00045	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 49+69	PCB49+69	0.00033	0.00033	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 50+53	PCB50+53	0.000091	0.000091	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.00036	0.00036	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.0013	0.0013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.0011	0.0011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.0022	0.0022	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 88+91	PCB88+91	0.00026		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.0032	0.0032	mg/kg	Y	J	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 93+100	PCB93+100	0.00026		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	PCBs 98+102	PCB98+102	0.00024		mg/kg	N	U	EPA 1668A
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	RAD	Radium-226	Ra-226	1.14	1.14	pCi/g	Y	J	EPA 903.0
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	RAD	Radium-228	Ra-228	1.09	1.09	pCi/g	Y	J	EPA 904.0
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	RAD	Thorium-228	Th-228	1.64	1.64	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	RAD	Thorium-230	Th-230	0.986	0.986	pCi/g	Y	J	DOE EML HASL 300 A-01-R
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	RAD	Thorium-232	Th-232	1.23	1.23	pCi/g	Y		DOE EML HASL 300 A-01-R

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	RAD	Uranium-234	U-234	1.01	1.01	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	RAD	Uranium-235	U-235	0.0363	0.0363	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	RAD	Uranium-238	U-238	0.894	0.894	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.078		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.34		mg/kg	N	UJ	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.083		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.099		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	2-Chlorophenol	95-57-8	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	2-Methylphenol	95-48-7	0.083		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	2-Nitroaniline	88-74-4	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.078		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.088		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	4-Nitrophenol	100-02-7	0.15		mg/kg	N	UJ	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	Aniline	62-53-3	0.088		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	Benzidine	92-87-5	0.69		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	Benzoic acid	65-85-0	0.35		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	Benzyl alcohol	100-51-6	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.093		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.083		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	Dibenzofuran	132-64-9	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	Diethylphthalate	84-66-2	0.099		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	Dimethylphthalate	131-11-3	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.093		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.093		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	UJ	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	Isophorone	78-59-1	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	Nitrobenzene	98-95-3	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.083		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	Phenol	108-95-2	0.093		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	SVOCs	Pyridine	110-86-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	TPH	EFH (C10-C40)	EFH-C10-C40	99	99	mg/kg	Y		EPA 8015
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	68	68	mg/kg	Y		EPA 8015
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	30	30	mg/kg	Y		EPA 8015
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.053		mg/kg	N	U	EPA 300.1
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	5.1	5.1	mg/kg	Y		EPA 314.0
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Aluminum	7429-90-5	10000	10000	mg/kg	Y		EPA 6010
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Antimony	7440-36-0	0.52		mg/kg	N	UJ	EPA 6020
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Arsenic	7440-38-2	4.5	4.5	mg/kg	Y		EPA 6020
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Barium	7440-39-3	440	440	mg/kg	Y	J-	EPA 6010
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Boron	7440-42-8	7.2	7.2	mg/kg	Y		EPA 6010
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Cadmium	7440-43-9	0.45	0.45	mg/kg	Y	J	EPA 6010
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Chromium (total)	7440-47-3	21	21	mg/kg	Y		EPA 6010
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Cobalt	7440-48-4	15	15	mg/kg	Y		EPA 6010
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Copper	7440-50-8	23	23	mg/kg	Y		EPA 6010
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Iron	7439-89-6	19000	19000	mg/kg	Y		EPA 6010
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Lead	7439-92-1	40	40	mg/kg	Y		EPA 6010
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Magnesium	7439-95-4	12000	12000	mg/kg	Y		EPA 6010
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Manganese	7439-96-5	2300	2300	mg/kg	Y	J	EPA 6010
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Mercury	7439-97-6	0.055	0.055	mg/kg	Y		EPA 7471
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Nickel	7440-02-0	20	20	mg/kg	Y		EPA 6010
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Selenium	7782-49-2	0.52		mg/kg	N	U	EPA 6020
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Silver	7440-22-4	0.78		mg/kg	N	U	EPA 6010
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RISB-15	RISB-15-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Zinc	7440-66-6	50	50	mg/kg	Y		EPA 6010
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.054		mg/kg	N	U	EPA 300.1
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	1.3	1.3	mg/kg	Y		EPA 314.0

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Aluminum	7429-90-5	9300	9300	mg/kg	Y		EPA 6010
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Antimony	7440-36-0	0.54		mg/kg	N	UJ	EPA 6020
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Arsenic	7440-38-2	4	4	mg/kg	Y		EPA 6020
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Barium	7440-39-3	370	370	mg/kg	Y		EPA 6010
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Boron	7440-42-8	10	10	mg/kg	Y		EPA 6010
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Cadmium	7440-43-9	0.31	0.31	mg/kg	Y	J	EPA 6010
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Chromium (total)	7440-47-3	16	16	mg/kg	Y		EPA 6010
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Cobalt	7440-48-4	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Copper	7440-50-8	21	21	mg/kg	Y		EPA 6010
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Iron	7439-89-6	17000	17000	mg/kg	Y		EPA 6010
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Lead	7439-92-1	37	37	mg/kg	Y		EPA 6010
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Magnesium	7439-95-4	10000	10000	mg/kg	Y		EPA 6010
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Manganese	7439-96-5	1300	1300	mg/kg	Y		EPA 6010
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Mercury	7439-97-6	0.033	0.033	mg/kg	Y	J-	EPA 7471
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Molybdenum	7439-98-7	1.1		mg/kg	N	U	EPA 6010
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Nickel	7440-02-0	16	16	mg/kg	Y		EPA 6010
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Selenium	7782-49-2	0.54		mg/kg	N	U	EPA 6020
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Silver	7440-22-4	0.8		mg/kg	N	U	EPA 6010
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Thallium	7440-28-0	0.27		mg/kg	N	U	EPA 6020
DU-1	RISB-16	RISB-16-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Zinc	7440-66-6	45	45	mg/kg	Y		EPA 6010
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.27	0.27	mg/kg	Y		EPA 300.1
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	0.18	0.18	mg/kg	Y		EPA 314.0
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Aluminum	7429-90-5	8900	8900	mg/kg	Y		EPA 6010
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Antimony	7440-36-0	0.53		mg/kg	N	UJ	EPA 6020
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Arsenic	7440-38-2	2.4	2.4	mg/kg	Y		EPA 6020
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Barium	7440-39-3	160	160	mg/kg	Y		EPA 6010
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Boron	7440-42-8	3.7	3.7	mg/kg	Y	J	EPA 6010
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Cadmium	7440-43-9	0.27		mg/kg	N	U	EPA 6010
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Chromium (total)	7440-47-3	12	12	mg/kg	Y		EPA 6010
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Cobalt	7440-48-4	8.5	8.5	mg/kg	Y		EPA 6010
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Copper	7440-50-8	21	21	mg/kg	Y		EPA 6010
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Iron	7439-89-6	16000	16000	mg/kg	Y		EPA 6010
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Lead	7439-92-1	9.6	9.6	mg/kg	Y		EPA 6010
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Magnesium	7439-95-4	9100	9100	mg/kg	Y		EPA 6010
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Manganese	7439-96-5	500	500	mg/kg	Y		EPA 6010
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Mercury	7439-97-6	0.016	0.016	mg/kg	Y	J-	EPA 7471
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Molybdenum	7439-98-7	1.1		mg/kg	N	U	EPA 6010
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Nickel	7440-02-0	17	17	mg/kg	Y		EPA 6010
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Selenium	7782-49-2	0.53		mg/kg	N	UJ	EPA 6020
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Silver	7440-22-4	0.8		mg/kg	N	U	EPA 6010
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Thallium	7440-28-0	0.27		mg/kg	N	UJ	EPA 6020
DU-1	RISB-17	RISB-17-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Zinc	7440-66-6	38	38	mg/kg	Y		EPA 6010
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Chlorine Oxyanions	Chlorate	14866-68-3	1.7	1.7	mg/kg	Y	J-	EPA 300.1
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	43	43	mg/kg	Y		EPA 314.0
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Aluminum	7429-90-5	10000	10000	mg/kg	Y		EPA 6010
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Antimony	7440-36-0	0.51		mg/kg	N	UJ	EPA 6020
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Arsenic	7440-38-2	4.7	4.7	mg/kg	Y		EPA 6020
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Barium	7440-39-3	250	250	mg/kg	Y		EPA 6010
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Boron	7440-42-8	9.5	9.5	mg/kg	Y		EPA 6010
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Cadmium	7440-43-9	0.33	0.33	mg/kg	Y	J	EPA 6010
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Chromium (total)	7440-47-3	19	19	mg/kg	Y		EPA 6010
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Cobalt	7440-48-4	9.4	9.4	mg/kg	Y		EPA 6010
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Copper	7440-50-8	24	24	mg/kg	Y		EPA 6010
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Iron	7439-89-6	19000	19000	mg/kg	Y		EPA 6010
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Lead	7439-92-1	34	34	mg/kg	Y		EPA 6010
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Magnesium	7439-95-4	11000	11000	mg/kg	Y		EPA 6010
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Manganese	7439-96-5	1200	1200	mg/kg	Y	J-	EPA 6010
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Mercury	7439-97-6	0.048	0.048	mg/kg	Y		EPA 7471
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Nickel	7440-02-0	20	20	mg/kg	Y		EPA 6010
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Selenium	7782-49-2	0.51		mg/kg	N	UJ	EPA 6020
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Silver	7440-22-4	0.76		mg/kg	N	U	EPA 6010
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Thallium	7440-28-0	0.35	0.35	mg/kg	Y	J-	EPA 6020
DU-1	RISB-18	RISB-18-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Zinc	7440-66-6	46	46	mg/kg	Y		EPA 6010
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.24	0.24	mg/kg	Y		EPA 300.1
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	17	17	mg/kg	Y		EPA 314.0
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Aluminum	7429-90-5	11000	11000	mg/kg	Y		EPA 6010
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Antimony	7440-36-0	0.51		mg/kg	N	UJ	EPA 6020
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Arsenic	7440-38-2	2.7	2.7	mg/kg	Y		EPA 6020
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Barium	7440-39-3	200	200	mg/kg	Y		EPA 6010
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Boron	7440-42-8	8.7	8.7	mg/kg	Y		EPA 6010
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Cadmium	7440-43-9	0.33	0.33	mg/kg	Y	J	EPA 6010
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Chromium (total)	7440-47-3	22	22	mg/kg	Y		EPA 6010
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Cobalt	7440-48-4	11	11	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Copper	7440-50-8	25	25	mg/kg	Y		EPA 6010
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Iron	7439-89-6	21000	21000	mg/kg	Y		EPA 6010
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Lead	7439-92-1	13	13	mg/kg	Y		EPA 6010
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Magnesium	7439-95-4	11000	11000	mg/kg	Y		EPA 6010
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Manganese	7439-96-5	960	960	mg/kg	Y		EPA 6010
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Mercury	7439-97-6	0.058	0.058	mg/kg	Y		EPA 7471
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Nickel	7440-02-0	21	21	mg/kg	Y		EPA 6010
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Selenium	7782-49-2	0.51		mg/kg	N	UJ	EPA 6020
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Silver	7440-22-4	0.77		mg/kg	N	U	EPA 6010
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	UJ	EPA 6020
DU-1	RISB-19	RISB-19-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Zinc	7440-66-6	46	46	mg/kg	Y		EPA 6010
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Chlorine Oxyanions	Chlorate	14866-68-3	0.044	0.044	mg/kg	Y	J	EPA 300.1
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Chlorine Oxyanions	Perchlorate	14797-73-0	0.33	0.33	mg/kg	Y		EPA 314.0
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Alkalinity (as CaCO3)	ALKA	2000	2000	mg/kg	Y		SM 2320
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Ammonia	7664-41-7	5.9	5.9	mg/kg	Y	J	SM 4500 NH3-D
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	2200	2200	mg/kg	Y		SM 2320
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Bromide	24959-67-9	3.6		mg/kg	N	U	EPA 300
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Carbonate as CO3	3812-32-6	310		mg/kg	N	U	SM 2320
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Chloride	16887-00-6	65	65	mg/kg	Y	J+	EPA 300
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Hydroxide	14280-30-9	170		mg/kg	N	U	SM 2320
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Nitrate	14797-55-8	26	26	mg/kg	Y		EPA 300
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Nitrate/Nitrite	NO3/NO2	26.12857143	26.12857143	mg/kg	Y		CALC_ANION
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	ortho-Phosphate	11-36-9	4.1		mg/kg	N	UJ	EPA 300
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Sulfate	14808-79-8	47	47	mg/kg	Y		EPA 300
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Antimony	7440-36-0	0.2		mg/kg	N	UJ	EPA 6020
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Arsenic	7440-38-2	8.3	8.3	mg/kg	Y		EPA 6020
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Barium	7440-39-3	100	100	mg/kg	Y		EPA 6010
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Boron	7440-42-8	13	13	mg/kg	Y		EPA 6010
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Chromium (total)	7440-47-3	7	7	mg/kg	Y		EPA 6010
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Chromium VI	18540-29-9	0.15		mg/kg	N	U	EPA 7199
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Cobalt	7440-48-4	1.8	1.8	mg/kg	Y		EPA 6010
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Copper	7440-50-8	75	75	mg/kg	Y		EPA 6010
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Iron	7439-89-6	21000	21000	mg/kg	Y		EPA 6010
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Lead	7439-92-1	21	21	mg/kg	Y		EPA 6010
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Magnesium	7439-95-4	2000	2000	mg/kg	Y		EPA 6010
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Manganese	7439-96-5	180	180	mg/kg	Y		EPA 6010
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Mercury	7439-97-6	0.023	0.023	mg/kg	Y		EPA 7471
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Molybdenum	7439-98-7	3.2	3.2	mg/kg	Y		EPA 6010
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Nickel	7440-02-0	2.5	2.5	mg/kg	Y		EPA 6010
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Niobium	7440-03-1	1.2		mg/kg	N	U	EPA 6020
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Phosphorus (total)	7723-14-0	360	360	mg/kg	Y		EPA 6010
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Selenium	7782-49-2	1.8	1.8	mg/kg	Y		EPA 6020
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Silver	7440-22-4	0.93		mg/kg	N	U	EPA 6010
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Strontium	7440-24-6	95	95	mg/kg	Y	J+	EPA 6010
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Sulfur	7704-34-9	490	490	mg/kg	Y		EPA 6010
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Thallium	7440-28-0	0.2		mg/kg	N	U	EPA 6020
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Tungsten	7440-33-7	2.6		mg/kg	N	UJ	EPA 6010
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Vanadium	7440-62-2	29	29	mg/kg	Y		EPA 6010
DU-1	RISB-02	RISB-2-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Zirconium	7440-67-7	5.2		mg/kg	N	U	EPA 6010
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Chlorine Oxyanions	Chlorate	14866-68-3	2.9	2.9	mg/kg	Y		EPA 300.1
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	0.33	0.33	mg/kg	Y		EPA 314.0
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Aluminum	7429-90-5	6500	6500	mg/kg	Y		EPA 6010
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Antimony	7440-36-0	0.54		mg/kg	N	UJ	EPA 6020
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Arsenic	7440-38-2	8.6	8.6	mg/kg	Y		EPA 6020
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Barium	7440-39-3	73	73	mg/kg	Y	J-	EPA 6010
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Boron	7440-42-8	6.7	6.7	mg/kg	Y		EPA 6010
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Cadmium	7440-43-9	0.27		mg/kg	N	UJ	EPA 6010
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Chromium (total)	7440-47-3	14	14	mg/kg	Y	J-	EPA 6010
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Cobalt	7440-48-4	5.8	5.8	mg/kg	Y	J-	EPA 6010
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Copper	7440-50-8	15	15	mg/kg	Y		EPA 6010
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Iron	7439-89-6	14000	14000	mg/kg	Y		EPA 6010
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Lead	7439-92-1	4.4	4.4	mg/kg	Y	J-	EPA 6010
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Magnesium	7439-95-4	9600	9600	mg/kg	Y		EPA 6010
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Manganese	7439-96-5	210	210	mg/kg	Y		EPA 6010
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Mercury	7439-97-6	0.013		mg/kg	N	UJ	EPA 7471
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Molybdenum	7439-98-7	1.1		mg/kg	N	UJ	EPA 6010
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Nickel	7440-02-0	19	19	mg/kg	Y	J-	EPA 6010
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Selenium	7782-49-2	0.54		mg/kg	N	U	EPA 6020
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Silver	7440-22-4	0.81		mg/kg	N	U	EPA 6010
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Thallium	7440-28-0	0.27		mg/kg	N	U	EPA 6020
DU-1	RISB-20	RISB-20-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Zinc	7440-66-6	26	26	mg/kg	Y	J-	EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Chlorine Oxyanions	Chlorate	14866-68-3	7.9	7.9	mg/kg	Y		EPA 300.1
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	940	940	mg/kg	Y		EPA 314.0
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Aluminum	7429-90-5	7400	7400	mg/kg	Y		EPA 6010
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Antimony	7440-36-0	0.53		mg/kg	N	UJ	EPA 6020
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Arsenic	7440-38-2	2.7	2.7	mg/kg	Y		EPA 6020
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Barium	7440-39-3	170	170	mg/kg	Y	J-	EPA 6010
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Boron	7440-42-8	13	13	mg/kg	Y		EPA 6010
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Chromium (total)	7440-47-3	14	14	mg/kg	Y		EPA 6010
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Cobalt	7440-48-4	8.7	8.7	mg/kg	Y		EPA 6010
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Copper	7440-50-8	19	19	mg/kg	Y		EPA 6010
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Iron	7439-89-6	17000	17000	mg/kg	Y		EPA 6010
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Lead	7439-92-1	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Magnesium	7439-95-4	9800	9800	mg/kg	Y		EPA 6010
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Manganese	7439-96-5	460	460	mg/kg	Y	J	EPA 6010
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Mercury	7439-97-6	0.056	0.056	mg/kg	Y		EPA 7471
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Molybdenum	7439-98-7	1.1		mg/kg	N	U	EPA 6010
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Nickel	7440-02-0	18	18	mg/kg	Y		EPA 6010
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Selenium	7782-49-2	0.53		mg/kg	N	U	EPA 6020
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Silver	7440-22-4	0.79		mg/kg	N	U	EPA 6010
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Thallium	7440-28-0	0.28	0.28	mg/kg	Y	J	EPA 6020
DU-1	RISB-21	RISB-21-0.5-20141031	0.5-1	N	--	10/31/2014	Metals	Zinc	7440-66-6	38	38	mg/kg	Y		EPA 6010
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Chlorine Oxyanions	Chlorate	14866-68-3	1.6	1.6	mg/kg	Y		EPA 300.1
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	0.58	0.58	mg/kg	Y		EPA 314.0
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Aluminum	7429-90-5	3900	3900	mg/kg	Y		EPA 6010
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Antimony	7440-36-0	0.53		mg/kg	N	UJ	EPA 6020
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Arsenic	7440-38-2	6.1	6.1	mg/kg	Y		EPA 6020
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Barium	7440-39-3	65	65	mg/kg	Y		EPA 6010
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Boron	7440-42-8	5.9	5.9	mg/kg	Y		EPA 6010
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Cadmium	7440-43-9	0.27		mg/kg	N	U	EPA 6010
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Chromium (total)	7440-47-3	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Cobalt	7440-48-4	4.6	4.6	mg/kg	Y		EPA 6010
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Copper	7440-50-8	13	13	mg/kg	Y		EPA 6010
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Iron	7439-89-6	11000	11000	mg/kg	Y		EPA 6010
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Lead	7439-92-1	4.1	4.1	mg/kg	Y	J-	EPA 6010
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Magnesium	7439-95-4	6500	6500	mg/kg	Y		EPA 6010
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Manganese	7439-96-5	160	160	mg/kg	Y		EPA 6010
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Mercury	7439-97-6	0.013		mg/kg	N	UJ	EPA 7471
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Molybdenum	7439-98-7	1.1		mg/kg	N	U	EPA 6010
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Nickel	7440-02-0	14	14	mg/kg	Y		EPA 6010
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Selenium	7782-49-2	0.53		mg/kg	N	U	EPA 6020
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Silver	7440-22-4	0.8		mg/kg	N	U	EPA 6010
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Thallium	7440-28-0	0.27		mg/kg	N	U	EPA 6020
DU-1	RISB-22	RISB-22-0.5-20141029	0.5-1	N	--	10/29/2014	Metals	Zinc	7440-66-6	22	22	mg/kg	Y		EPA 6010
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.072	0.072	mg/kg	Y	J	EPA 300.1
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	3.7	3.7	mg/kg	Y		EPA 314.0
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Aluminum	7429-90-5	8400	8400	mg/kg	Y		EPA 6010
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Antimony	7440-36-0	0.53		mg/kg	N	UJ	EPA 6020
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Arsenic	7440-38-2	2.1	2.1	mg/kg	Y		EPA 6020
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Barium	7440-39-3	190	190	mg/kg	Y		EPA 6010
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Boron	7440-42-8	2.7	2.7	mg/kg	Y	J	EPA 6010
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Cadmium	7440-43-9	0.27		mg/kg	N	U	EPA 6010
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Chromium (total)	7440-47-3	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Cobalt	7440-48-4	7.1	7.1	mg/kg	Y		EPA 6010
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Copper	7440-50-8	18	18	mg/kg	Y		EPA 6010
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Iron	7439-89-6	15000	15000	mg/kg	Y		EPA 6010
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Lead	7439-92-1	7.6	7.6	mg/kg	Y		EPA 6010
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Magnesium	7439-95-4	7500	7500	mg/kg	Y		EPA 6010
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Manganese	7439-96-5	410	410	mg/kg	Y		EPA 6010
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Mercury	7439-97-6	0.013		mg/kg	N	UJ	EPA 7471
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Molybdenum	7439-98-7	1.1		mg/kg	N	U	EPA 6010
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Nickel	7440-02-0	15	15	mg/kg	Y		EPA 6010
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Selenium	7782-49-2	0.53		mg/kg	N	UJ	EPA 6020
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Silver	7440-22-4	0.8		mg/kg	N	U	EPA 6010
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Thallium	7440-28-0	0.27		mg/kg	N	UJ	EPA 6020
DU-1	RISB-23	RISB-23-0.5-20141028	0.5-1	N	--	10/28/2014	Metals	Zinc	7440-66-6	35	35	mg/kg	Y		EPA 6010
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Chlorine Oxyanions	Chlorate	14866-68-3	2.8	2.8	mg/kg	Y		EPA 300.1
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	3.1	3.1	mg/kg	Y		EPA 314.0
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Aluminum	7429-90-5	6200	6200	mg/kg	Y		EPA 6010
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Antimony	7440-36-0	0.52		mg/kg	N	UJ	EPA 6020
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Arsenic	7440-38-2	6.9	6.9	mg/kg	Y		EPA 6020
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Barium	7440-39-3	98	98	mg/kg	Y		EPA 6010
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Boron	7440-42-8	7.7	7.7	mg/kg	Y		EPA 6010
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Chromium (total)	7440-47-3	18	18	mg/kg	Y		EPA 6010
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Cobalt	7440-48-4	6.1	6.1	mg/kg	Y		EPA 6010
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Copper	7440-50-8	17	17	mg/kg	Y		EPA 6010
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Iron	7439-89-6	15000	15000	mg/kg	Y		EPA 6010
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Lead	7439-92-1	5.1	5.1	mg/kg	Y		EPA 6010
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Magnesium	7439-95-4	9100	9100	mg/kg	Y		EPA 6010
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Manganese	7439-96-5	260	260	mg/kg	Y	J-	EPA 6010
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Mercury	7439-97-6	0.015	0.015	mg/kg	Y	J	EPA 7471
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Nickel	7440-02-0	20	20	mg/kg	Y		EPA 6010
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Selenium	7782-49-2	0.52		mg/kg	N	UJ	EPA 6020
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Silver	7440-22-4	0.78		mg/kg	N	U	EPA 6010
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	UJ	EPA 6020
DU-1	RISB-24	RISB-24-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Zinc	7440-66-6	29	29	mg/kg	Y		EPA 6010
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.11	0.11	mg/kg	Y	J	EPA 300.1
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	5.8	5.8	mg/kg	Y		EPA 314.0
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Aluminum	7429-90-5	8500	8500	mg/kg	Y		EPA 6010
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Antimony	7440-36-0	0.53		mg/kg	N	UJ	EPA 6020
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Arsenic	7440-38-2	2	2	mg/kg	Y		EPA 6020
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Barium	7440-39-3	200	200	mg/kg	Y	J-	EPA 6010
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Boron	7440-42-8	6.3	6.3	mg/kg	Y		EPA 6010
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Chromium (total)	7440-47-3	14	14	mg/kg	Y		EPA 6010
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Cobalt	7440-48-4	8.6	8.6	mg/kg	Y		EPA 6010
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Copper	7440-50-8	19	19	mg/kg	Y		EPA 6010
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Iron	7439-89-6	17000	17000	mg/kg	Y		EPA 6010
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Lead	7439-92-1	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Magnesium	7439-95-4	8500	8500	mg/kg	Y		EPA 6010
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Manganese	7439-96-5	600	600	mg/kg	Y		EPA 6010
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Mercury	7439-97-6	0.031	0.031	mg/kg	Y		EPA 7471
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Molybdenum	7439-98-7	1.1		mg/kg	N	U	EPA 6010
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Nickel	7440-02-0	19	19	mg/kg	Y		EPA 6010
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Selenium	7782-49-2	0.53		mg/kg	N	U	EPA 6020
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Silver	7440-22-4	0.79		mg/kg	N	U	EPA 6010
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RISB-25	RISB-25-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Zinc	7440-66-6	38	38	mg/kg	Y		EPA 6010
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Chlorine Oxyanions	Chlorate	14866-68-3	8.9	8.9	mg/kg	Y		EPA 300.1
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	110	110	mg/kg	Y		EPA 314.0
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Aluminum	7429-90-5	8500	8500	mg/kg	Y		EPA 6010
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Antimony	7440-36-0	0.52		mg/kg	N	UJ	EPA 6020
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Arsenic	7440-38-2	6.4	6.4	mg/kg	Y		EPA 6020
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Barium	7440-39-3	380	380	mg/kg	Y	J-	EPA 6010
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Boron	7440-42-8	8.6	8.6	mg/kg	Y		EPA 6010
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Chromium (total)	7440-47-3	18	18	mg/kg	Y		EPA 6010
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Cobalt	7440-48-4	5.3	5.3	mg/kg	Y		EPA 6010
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Copper	7440-50-8	14	14	mg/kg	Y		EPA 6010
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Iron	7439-89-6	11000	11000	mg/kg	Y		EPA 6010
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Lead	7439-92-1	9.1	9.1	mg/kg	Y		EPA 6010
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Magnesium	7439-95-4	8600	8600	mg/kg	Y		EPA 6010
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Manganese	7439-96-5	270	270	mg/kg	Y		EPA 6010
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Mercury	7439-97-6	0.03	0.03	mg/kg	Y		EPA 7471
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Molybdenum	7439-98-7	3.8	3.8	mg/kg	Y		EPA 6010
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Nickel	7440-02-0	16	16	mg/kg	Y		EPA 6010
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Selenium	7782-49-2	0.52		mg/kg	N	U	EPA 6020
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Silver	7440-22-4	0.79		mg/kg	N	U	EPA 6010
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RISB-26	RISB-26-0.5-20141023	0.5-1	N	--	10/23/2014	Metals	Zinc	7440-66-6	31	31	mg/kg	Y		EPA 6010
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.26	0.26	mg/kg	Y		EPA 300.1
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	4.1	4.1	mg/kg	Y	J	EPA 314.0
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Aluminum	7429-90-5	8100	8100	mg/kg	Y		EPA 6010
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Antimony	7440-36-0	0.51		mg/kg	N	UJ	EPA 6020
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Arsenic	7440-38-2	3.2	3.2	mg/kg	Y		EPA 6020
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Barium	7440-39-3	150	150	mg/kg	Y	J+	EPA 6010
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Boron	7440-42-8	6.6	6.6	mg/kg	Y	J	EPA 6010
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Cadmium	7440-43-9	0.51		mg/kg	N	U	EPA 6010
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Chromium (total)	7440-47-3	17	17	mg/kg	Y		EPA 6010
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Cobalt	7440-48-4	12	12	mg/kg	Y		EPA 6010
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Copper	7440-50-8	17	17	mg/kg	Y		EPA 6010
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Iron	7439-89-6	12000	12000	mg/kg	Y	J	EPA 6010
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Lead	7439-92-1	28	28	mg/kg	Y		EPA 6010
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Magnesium	7439-95-4	9300	9300	mg/kg	Y		EPA 6010
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Manganese	7439-96-5	2000	2000	mg/kg	Y		EPA 6010
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Mercury	7439-97-6	0.062	0.062	mg/kg	Y		EPA 7471

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Molybdenum	7439-98-7	2		mg/kg	N	U	EPA 6010
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Nickel	7440-02-0	16	16	mg/kg	Y		EPA 6010
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Selenium	7782-49-2	0.51		mg/kg	N	U	EPA 6020
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Silver	7440-22-4	1.5		mg/kg	N	U	EPA 6010
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Thallium	7440-28-0	0.25		mg/kg	N	U	EPA 6020
DU-1	RISB-27	RISB-27-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Zinc	7440-66-6	41	41	mg/kg	Y		EPA 6010
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.99	0.99	mg/kg	Y		EPA 300.1
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	19	19	mg/kg	Y	J	EPA 314.0
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Aluminum	7429-90-5	8400	8400	mg/kg	Y		EPA 6010
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Antimony	7440-36-0	0.51		mg/kg	N	UJ	EPA 6020
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Arsenic	7440-38-2	2.5	2.5	mg/kg	Y		EPA 6020
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Barium	7440-39-3	200	200	mg/kg	Y	J+	EPA 6010
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Boron	7440-42-8	9.7	9.7	mg/kg	Y		EPA 6010
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Cadmium	7440-43-9	0.25		mg/kg	N	U	EPA 6010
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Chromium (total)	7440-47-3	12	12	mg/kg	Y		EPA 6010
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Cobalt	7440-48-4	10	10	mg/kg	Y		EPA 6010
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Copper	7440-50-8	20	20	mg/kg	Y		EPA 6010
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Iron	7439-89-6	14000	14000	mg/kg	Y	J	EPA 6010
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Lead	7439-92-1	12	12	mg/kg	Y		EPA 6010
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Magnesium	7439-95-4	9200	9200	mg/kg	Y		EPA 6010
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Manganese	7439-96-5	1000	1000	mg/kg	Y		EPA 6010
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Mercury	7439-97-6	0.028	0.028	mg/kg	Y	J-	EPA 7471
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Nickel	7440-02-0	17	17	mg/kg	Y		EPA 6010
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Selenium	7782-49-2	0.51		mg/kg	N	U	EPA 6020
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Silver	7440-22-4	0.76		mg/kg	N	U	EPA 6010
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Thallium	7440-28-0	0.25		mg/kg	N	U	EPA 6020
DU-1	RISB-28	RISB-28-0.5-20141024	0.5-1	N	--	10/24/2014	Metals	Zinc	7440-66-6	41	41	mg/kg	Y		EPA 6010
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Chlorine Oxyanions	Chlorate	14866-68-3	9	9	mg/kg	Y		EPA 300.1
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	18	18	mg/kg	Y		EPA 314.0
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Aluminum	7429-90-5	9700	9700	mg/kg	Y		EPA 6010
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6020
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Arsenic	7440-38-2	3	3	mg/kg	Y		EPA 6020
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Barium	7440-39-3	210	210	mg/kg	Y		EPA 6010
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Boron	7440-42-8	7.8	7.8	mg/kg	Y		EPA 6010
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Cadmium	7440-43-9	0.42	0.42	mg/kg	Y	J	EPA 6010
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Chromium (total)	7440-47-3	19	19	mg/kg	Y		EPA 6010
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Cobalt	7440-48-4	17	17	mg/kg	Y		EPA 6010
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Copper	7440-50-8	26	26	mg/kg	Y		EPA 6010
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Iron	7439-89-6	20000	20000	mg/kg	Y		EPA 6010
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Lead	7439-92-1	14	14	mg/kg	Y		EPA 6010
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Magnesium	7439-95-4	11000	11000	mg/kg	Y		EPA 6010
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Manganese	7439-96-5	2000	2000	mg/kg	Y		EPA 6010
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Mercury	7439-97-6	0.049	0.049	mg/kg	Y		EPA 7471
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Nickel	7440-02-0	22	22	mg/kg	Y		EPA 6010
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Selenium	7782-49-2	0.5		mg/kg	N	UJ	EPA 6020
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Silver	7440-22-4	0.75		mg/kg	N	U	EPA 6010
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Thallium	7440-28-0	0.25		mg/kg	N	UJ	EPA 6020
DU-1	RISB-29	RISB-29-0.5-20141027	0.5-1	N	--	10/27/2014	Metals	Zinc	7440-66-6	52	52	mg/kg	Y		EPA 6010
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Chlorine Oxyanions	Chlorate	14866-68-3	6.1	6.1	mg/kg	Y		EPA 300.1
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Chlorine Oxyanions	Perchlorate	14797-73-0	71	71	mg/kg	Y		EPA 314.0
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Alkalinity (as CaCO3)	ALKA	6000	6000	mg/kg	Y		SM 2320
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Ammonia	7664-41-7	6.3	6.3	mg/kg	Y	J	SM 4500 NH3-D
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	6700	6700	mg/kg	Y		SM 2320
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Bromide	24959-67-9	3.6		mg/kg	N	U	EPA 300
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Carbonate as CO3	3812-32-6	300	300	mg/kg	Y		SM 2320
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Chloride	16887-00-6	150	150	mg/kg	Y	J+	EPA 300
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Hydroxide	14280-30-9	170		mg/kg	N	U	SM 2320
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Nitrate	14797-55-8	66	66	mg/kg	Y		EPA 300
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Nitrate/Nitrite	NO3/NO2	66.42857143	66.42857143	mg/kg	Y		CALC_ANION
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	ortho-Phosphate	11-36-9	6	6	mg/kg	Y	J-	EPA 300
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Sulfate	14808-79-8	180	180	mg/kg	Y		EPA 300
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Antimony	7440-36-0	0.19		mg/kg	N	UJ	EPA 6020
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Arsenic	7440-38-2	9.1	9.1	mg/kg	Y		EPA 6020
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Barium	7440-39-3	140	140	mg/kg	Y		EPA 6010
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Boron	7440-42-8	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Cadmium	7440-43-9	0.37	0.37	mg/kg	Y	J	EPA 6010
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Chromium (total)	7440-47-3	9.4	9.4	mg/kg	Y		EPA 6010
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Chromium VI	18540-29-9	0.15		mg/kg	N	U	EPA 7199
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Cobalt	7440-48-4	3.2	3.2	mg/kg	Y		EPA 6010
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Copper	7440-50-8	100	100	mg/kg	Y		EPA 6010
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Iron	7439-89-6	22000	22000	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Lead	7439-92-1	18	18	mg/kg	Y		EPA 6010
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Magnesium	7439-95-4	2600	2600	mg/kg	Y		EPA 6010
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Manganese	7439-96-5	260	260	mg/kg	Y		EPA 6010
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Mercury	7439-97-6	0.02	0.02	mg/kg	Y		EPA 7471
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Molybdenum	7439-98-7	3.3	3.3	mg/kg	Y		EPA 6010
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Nickel	7440-02-0	4.5	4.5	mg/kg	Y		EPA 6010
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Niobium	7440-03-1	1.1		mg/kg	N	U	EPA 6020
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Phosphorus (total)	7723-14-0	380	380	mg/kg	Y		EPA 6010
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Selenium	7782-49-2	2	2	mg/kg	Y		EPA 6020
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Silver	7440-22-4	0.91		mg/kg	N	U	EPA 6010
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Strontium	7440-24-6	84	84	mg/kg	Y	J+	EPA 6010
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Sulfur	7704-34-9	420	420	mg/kg	Y		EPA 6010
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Thallium	7440-28-0	0.19		mg/kg	N	U	EPA 6020
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Tungsten	7440-33-7	2.6		mg/kg	N	UJ	EPA 6010
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Vanadium	7440-62-2	31	31	mg/kg	Y		EPA 6010
DU-1	RISB-03	RISB-3-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Zirconium	7440-67-7	5.1		mg/kg	N	U	EPA 6010
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.72	0.72	mg/kg	Y		EPA 300.1
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	1.7	1.7	mg/kg	Y		EPA 314.0
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Aluminum	7429-90-5	10000	10000	mg/kg	Y		EPA 6010
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Antimony	7440-36-0	0.51		mg/kg	N	U	EPA 6020
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Arsenic	7440-38-2	3	3	mg/kg	Y		EPA 6020
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Barium	7440-39-3	210	210	mg/kg	Y	J+	EPA 6010
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Boron	7440-42-8	4.5	4.5	mg/kg	Y	J	EPA 6010
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Cadmium	7440-43-9	0.25		mg/kg	N	U	EPA 6010
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Chromium (total)	7440-47-3	20	20	mg/kg	Y		EPA 6010
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Cobalt	7440-48-4	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Copper	7440-50-8	23	23	mg/kg	Y		EPA 6010
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Iron	7439-89-6	22000	22000	mg/kg	Y		EPA 6010
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Lead	7439-92-1	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Magnesium	7439-95-4	10000	10000	mg/kg	Y		EPA 6010
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Manganese	7439-96-5	840	840	mg/kg	Y		EPA 6010
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Mercury	7439-97-6	0.032	0.032	mg/kg	Y		EPA 7471
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Nickel	7440-02-0	20	20	mg/kg	Y		EPA 6010
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Selenium	7782-49-2	0.51		mg/kg	N	U	EPA 6020
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Silver	7440-22-4	0.76		mg/kg	N	U	EPA 6010
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Thallium	7440-28-0	0.25		mg/kg	N	U	EPA 6020
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Zinc	7440-66-6	47	47	mg/kg	Y		EPA 6010
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	PAHs	Naphthalene	91-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	2-Butanone	78-93-3	0.0051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	2-Hexanone	591-78-6	0.0051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Acetone	67-64-1	0.0081		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Benzene	71-43-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Bromodichloromethane	75-27-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Carbon tetrachloride	56-23-5	0.00051		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Chlorobenzene	108-90-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Chloroform	67-66-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Cumene	98-82-8	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Dibromochloromethane	124-48-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Dibromomethane	74-95-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Ethyl benzene	100-41-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Methylene Chloride	75-09-2	0.0051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	n-Propylbenzene	103-65-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	o-Xylene	95-47-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	p-Cymene	99-87-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Styrene	100-42-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Tetrachloroethene	127-18-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Toluene	108-88-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Trichloroethene	79-01-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-30	RISB-30-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Chlorine Oxyanions	Chlorate	14866-68-3	11	11	mg/kg	Y		EPA 300.1
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	39	39	mg/kg	Y		EPA 314.0
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Aluminum	7429-90-5	9300	9300	mg/kg	Y		EPA 6010
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Antimony	7440-36-0	0.53		mg/kg	N	UJ	EPA 6020
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Arsenic	7440-38-2	4.3	4.3	mg/kg	Y		EPA 6020
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Barium	7440-39-3	240	240	mg/kg	Y	J-	EPA 6010
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Boron	7440-42-8	24	24	mg/kg	Y		EPA 6010
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Cadmium	7440-43-9	0.27		mg/kg	N	U	EPA 6010
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Chromium (total)	7440-47-3	12	12	mg/kg	Y		EPA 6010
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Cobalt	7440-48-4	12	12	mg/kg	Y		EPA 6010
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Copper	7440-50-8	19	19	mg/kg	Y		EPA 6010
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Iron	7439-89-6	13000	13000	mg/kg	Y		EPA 6010
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Lead	7439-92-1	22	22	mg/kg	Y		EPA 6010
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Magnesium	7439-95-4	11000	11000	mg/kg	Y		EPA 6010
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Manganese	7439-96-5	890	890	mg/kg	Y		EPA 6010
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Mercury	7439-97-6	0.081	0.081	mg/kg	Y		EPA 7471
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Molybdenum	7439-98-7	1.1		mg/kg	N	U	EPA 6010
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Nickel	7440-02-0	16	16	mg/kg	Y		EPA 6010
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Selenium	7782-49-2	0.53		mg/kg	N	U	EPA 6020
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Silver	7440-22-4	0.8		mg/kg	N	U	EPA 6010
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Thallium	7440-28-0	0.27		mg/kg	N	U	EPA 6020
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Zinc	7440-66-6	40	40	mg/kg	Y		EPA 6010
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	PAHs	Naphthalene	91-20-3	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0021		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00054		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	2,2-Dichloropropane	594-20-7	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	2-Butanone	78-93-3	0.0054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	2-Chlorotoluene	95-49-8	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	2-Hexanone	591-78-6	0.0054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	4-Chlorotoluene	106-43-4	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0027		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Acetone	67-64-1	0.0086		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Benzene	71-43-2	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Bromobenzene	108-86-1	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Bromochloromethane	74-97-5	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Bromodichloromethane	75-27-4	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Bromoform	75-25-2	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Bromomethane	74-83-9	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Carbon tetrachloride	56-23-5	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Chlorobenzene	108-90-7	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Chloroethane	75-00-3	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Chloroform	67-66-3	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Chloromethane	74-87-3	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Cumene	98-82-8	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Dibromochloromethane	124-48-1	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Dibromomethane	74-95-3	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Diisopropyl ether	108-20-3	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Ethyl benzene	100-41-4	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	m,p-Xylene	179601-23-1	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Methylene Chloride	75-09-2	0.0054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	n-Butylbenzene	104-51-8	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	n-Propylbenzene	103-65-1	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	o-Xylene	95-47-6	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	p-Cymene	99-87-6	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	sec-Butylbenzene	135-98-8	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Styrene	100-42-5	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	t-Amyl methyl ether	994-05-8	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	tert Butyl alcohol	75-65-0	0.011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	tert-Butylbenzene	98-06-6	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Tetrachloroethene	127-18-4	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Toluene	108-88-3	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Trichloroethene	79-01-6	0.00054		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Trichlorofluoromethane	75-69-4	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-31	RISB-31-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Vinyl chloride	75-01-4	0.0011		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Chlorine Oxyanions	Chlorate	14866-68-3	48	48	mg/kg	Y	J+	EPA 300.1
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	81	81	mg/kg	Y		EPA 314.0
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Aluminum	7429-90-5	10000	10000	mg/kg	Y		EPA 6010
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Antimony	7440-36-0	0.52		mg/kg	N	UJ	EPA 6020
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Arsenic	7440-38-2	2.7	2.7	mg/kg	Y		EPA 6020
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Barium	7440-39-3	200	200	mg/kg	Y		EPA 6010
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Boron	7440-42-8	3.6	3.6	mg/kg	Y	J	EPA 6010
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Chromium (total)	7440-47-3	17	17	mg/kg	Y		EPA 6010
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Cobalt	7440-48-4	8.1	8.1	mg/kg	Y		EPA 6010
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Copper	7440-50-8	21	21	mg/kg	Y		EPA 6010
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Iron	7439-89-6	17000	17000	mg/kg	Y		EPA 6010
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Lead	7439-92-1	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Magnesium	7439-95-4	9600	9600	mg/kg	Y		EPA 6010
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Manganese	7439-96-5	550	550	mg/kg	Y		EPA 6010
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Mercury	7439-97-6	0.022	0.022	mg/kg	Y		EPA 7471
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Nickel	7440-02-0	22	22	mg/kg	Y		EPA 6010
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Selenium	7782-49-2	0.52		mg/kg	N	U	EPA 6020
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Silver	7440-22-4	0.77		mg/kg	N	U	EPA 6010
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Zinc	7440-66-6	37	37	mg/kg	Y		EPA 6010
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Naphthalene	91-20-3	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00047		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0019		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	2,2-Dichloropropane	594-20-7	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	2-Butanone	78-93-3	0.0047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	2-Chlorotoluene	95-49-8	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	2-Hexanone	591-78-6	0.0047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	4-Chlorotoluene	106-43-4	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0024		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Acetone	67-64-1	0.0076		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Benzene	71-43-2	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Bromobenzene	108-86-1	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Bromochloromethane	74-97-5	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Bromodichloromethane	75-27-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Bromoform	75-25-2	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Bromomethane	74-83-9	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Carbon tetrachloride	56-23-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Chlorobenzene	108-90-7	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Chloroethane	75-00-3	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Chloroform	67-66-3	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Chloromethane	74-87-3	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Cumene	98-82-8	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Dibromochloromethane	124-48-1	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Dibromomethane	74-95-3	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Diisopropyl ether	108-20-3	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Ethyl benzene	100-41-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	m,p-Xylene	179601-23-1	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Methylene Chloride	75-09-2	0.0047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	n-Butylbenzene	104-51-8	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	n-Propylbenzene	103-65-1	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	o-Xylene	95-47-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	p-Cymene	99-87-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	sec-Butylbenzene	135-98-8	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Styrene	100-42-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	t-Amyl methyl ether	994-05-8	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	tert Butyl alcohol	75-65-0	0.0095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	tert-Butylbenzene	98-06-6	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Tetrachloroethene	127-18-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Toluene	108-88-3	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Trichloroethene	79-01-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Trichlorofluoromethane	75-69-4	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-32	RISB-32-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Vinyl chloride	75-01-4	0.00095		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.052		mg/kg	N	U	EPA 300.1
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	0.12	0.12	mg/kg	Y		EPA 314.0
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Aluminum	7429-90-5	9100	9100	mg/kg	Y		EPA 6010
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Antimony	7440-36-0	0.52		mg/kg	N	UJ	EPA 6020
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Arsenic	7440-38-2	2.9	2.9	mg/kg	Y		EPA 6020
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Barium	7440-39-3	150	150	mg/kg	Y		EPA 6010
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Boron	7440-42-8	5.4	5.4	mg/kg	Y		EPA 6010
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Chromium (total)	7440-47-3	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Cobalt	7440-48-4	6.6	6.6	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Copper	7440-50-8	17	17	mg/kg	Y		EPA 6010
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Iron	7439-89-6	13000	13000	mg/kg	Y		EPA 6010
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Lead	7439-92-1	8.8	8.8	mg/kg	Y		EPA 6010
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Magnesium	7439-95-4	9200	9200	mg/kg	Y		EPA 6010
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Manganese	7439-96-5	390	390	mg/kg	Y		EPA 6010
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Mercury	7439-97-6	0.072	0.072	mg/kg	Y		EPA 7471
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Nickel	7440-02-0	14	14	mg/kg	Y		EPA 6010
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Selenium	7782-49-2	0.52		mg/kg	N	U	EPA 6020
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Silver	7440-22-4	0.78		mg/kg	N	U	EPA 6010
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Zinc	7440-66-6	30	30	mg/kg	Y		EPA 6010
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	PAHs	Naphthalene	91-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	2-Butanone	78-93-3	0.0051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	2-Hexanone	591-78-6	0.0051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Acetone	67-64-1	0.0082		mg/kg	N	UJ	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Benzene	71-43-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Bromodichloromethane	75-27-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Carbon tetrachloride	56-23-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Chlorobenzene	108-90-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Chloroform	67-66-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Cumene	98-82-8	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Dibromochloromethane	124-48-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Dibromomethane	74-95-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Ethyl benzene	100-41-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Methylene Chloride	75-09-2	0.0051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	n-Propylbenzene	103-65-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	o-Xylene	95-47-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	p-Cymene	99-87-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Styrene	100-42-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Tetrachloroethene	127-18-4	0.00051		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Toluene	108-88-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Trichloroethene	79-01-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-33	RISB-33-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.21	0.21	mg/kg	Y		EPA 300.1
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	2.6	2.6	mg/kg	Y		EPA 314.0
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Aluminum	7429-90-5	9300	9300	mg/kg	Y		EPA 6010
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Antimony	7440-36-0	0.51		mg/kg	N	UJ	EPA 6020
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Arsenic	7440-38-2	2.4	2.4	mg/kg	Y		EPA 6020
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Barium	7440-39-3	190	190	mg/kg	Y	J-	EPA 6010
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Boron	7440-42-8	3.9	3.9	mg/kg	Y	J	EPA 6010
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Chromium (total)	7440-47-3	10	10	mg/kg	Y		EPA 6010
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Cobalt	7440-48-4	7.8	7.8	mg/kg	Y		EPA 6010
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Copper	7440-50-8	17	17	mg/kg	Y		EPA 6010
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Iron	7439-89-6	13000	13000	mg/kg	Y		EPA 6010
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Lead	7439-92-1	10	10	mg/kg	Y		EPA 6010
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Magnesium	7439-95-4	9000	9000	mg/kg	Y		EPA 6010
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Manganese	7439-96-5	600	600	mg/kg	Y		EPA 6010
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Mercury	7439-97-6	0.063	0.063	mg/kg	Y		EPA 7471
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Nickel	7440-02-0	14	14	mg/kg	Y		EPA 6010
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Selenium	7782-49-2	0.51		mg/kg	N	U	EPA 6020
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Silver	7440-22-4	0.77		mg/kg	N	U	EPA 6010
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Zinc	7440-66-6	34	34	mg/kg	Y		EPA 6010
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	PAHs	Naphthalene	91-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1-Dichloroethane	75-34-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1-Dichloroethene	75-35-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1-Dichloropropene	563-58-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2-Dibromoethane	106-93-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2-Dichloroethane	107-06-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2-Dichloropropane	78-87-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,3-Dichloropropane	142-28-9	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	2-Butanone	78-93-3	0.005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	2-Hexanone	591-78-6	0.005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Acetone	67-64-1	0.0081		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Benzene	71-43-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Bromodichloromethane	75-27-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Carbon tetrachloride	56-23-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Chlorobenzene	108-90-7	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Chloroform	67-66-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Cumene	98-82-8	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Dibromochloromethane	124-48-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Dibromomethane	74-95-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	UJ	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Ethyl benzene	100-41-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Methylene Chloride	75-09-2	0.005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	n-Propylbenzene	103-65-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	o-Xylene	95-47-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	p-Cymene	99-87-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Styrene	100-42-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Tetrachloroethene	127-18-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Toluene	108-88-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Trichloroethene	79-01-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-34	RISB-34-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Chlorine Oxyanions	Chlorate	14866-68-3	1.1	1.1	mg/kg	Y		EPA 300.1
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	3.9	3.9	mg/kg	Y		EPA 314.0
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Aluminum	7429-90-5	7100	7100	mg/kg	Y		EPA 6010
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Antimony	7440-36-0	0.53		mg/kg	N	UJ	EPA 6020
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Arsenic	7440-38-2	5.5	5.5	mg/kg	Y		EPA 6020
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Barium	7440-39-3	120	120	mg/kg	Y		EPA 6010
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Boron	7440-42-8	3.6	3.6	mg/kg	Y	J	EPA 6010
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Cadmium	7440-43-9	0.27		mg/kg	N	U	EPA 6010
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Chromium (total)	7440-47-3	13	13	mg/kg	Y		EPA 6010
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Cobalt	7440-48-4	5.1	5.1	mg/kg	Y		EPA 6010
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Copper	7440-50-8	16	16	mg/kg	Y		EPA 6010
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Iron	7439-89-6	11000	11000	mg/kg	Y		EPA 6010
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Lead	7439-92-1	7.2	7.2	mg/kg	Y		EPA 6010
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Magnesium	7439-95-4	7400	7400	mg/kg	Y		EPA 6010
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Manganese	7439-96-5	360	360	mg/kg	Y		EPA 6010
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Mercury	7439-97-6	0.043	0.043	mg/kg	Y	J+	EPA 7471
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Molybdenum	7439-98-7	1.8	1.8	mg/kg	Y	J	EPA 6010
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Nickel	7440-02-0	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Selenium	7782-49-2	0.53		mg/kg	N	U	EPA 6020
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Silver	7440-22-4	0.8		mg/kg	N	U	EPA 6010
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Thallium	7440-28-0	0.27		mg/kg	N	U	EPA 6020
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	Metals	Zinc	7440-66-6	24	24	mg/kg	Y		EPA 6010
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	PAHs	Naphthalene	91-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0021		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	2-Butanone	78-93-3	0.0051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	2-Hexanone	591-78-6	0.0051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0026		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Acetone	67-64-1	0.0082		mg/kg	N	UJ	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Benzene	71-43-2	0.00051		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Bromodichloromethane	75-27-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Carbon tetrachloride	56-23-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Chlorobenzene	108-90-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Chloroform	67-66-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Cumene	98-82-8	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Dibromochloromethane	124-48-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Dibromomethane	74-95-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Ethyl benzene	100-41-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Methylene Chloride	75-09-2	0.0051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	n-Propylbenzene	103-65-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	o-Xylene	95-47-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	p-Cymene	99-87-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Styrene	100-42-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Tetrachloroethene	127-18-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Toluene	108-88-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Trichloroethene	79-01-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-35	RISB-35-0.5-20141119	0.5-1	N	--	11/19/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.39	0.39	mg/kg	Y		EPA 300.1
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	0.63	0.63	mg/kg	Y		EPA 314.0
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Aluminum	7429-90-5	10000	10000	mg/kg	Y		EPA 6010
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Antimony	7440-36-0	0.52		mg/kg	N	U	EPA 6020
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Arsenic	7440-38-2	2.4	2.4	mg/kg	Y		EPA 6020
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Barium	7440-39-3	180	180	mg/kg	Y	J+	EPA 6010
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Boron	7440-42-8	3.4	3.4	mg/kg	Y	J	EPA 6010
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Chromium (total)	7440-47-3	18	18	mg/kg	Y		EPA 6010
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Cobalt	7440-48-4	9.4	9.4	mg/kg	Y		EPA 6010
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Copper	7440-50-8	21	21	mg/kg	Y		EPA 6010
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Iron	7439-89-6	21000	21000	mg/kg	Y		EPA 6010
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Lead	7439-92-1	8.4	8.4	mg/kg	Y		EPA 6010
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Magnesium	7439-95-4	9500	9500	mg/kg	Y		EPA 6010
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Manganese	7439-96-5	540	540	mg/kg	Y		EPA 6010
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Mercury	7439-97-6	0.035	0.035	mg/kg	Y		EPA 7471
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Nickel	7440-02-0	18	18	mg/kg	Y		EPA 6010
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Selenium	7782-49-2	0.52		mg/kg	N	U	EPA 6020
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Silver	7440-22-4	0.78		mg/kg	N	U	EPA 6010
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	Metals	Zinc	7440-66-6	42	42	mg/kg	Y		EPA 6010
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	PAHs	Naphthalene	91-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	2-Butanone	78-93-3	0.0051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	2-Hexanone	591-78-6	0.0051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Acetone	67-64-1	0.0081		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Benzene	71-43-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Bromodichloromethane	75-27-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Carbon tetrachloride	56-23-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Chlorobenzene	108-90-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Chloroform	67-66-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Cumene	98-82-8	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Dibromochloromethane	124-48-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Dibromomethane	74-95-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Ethyl benzene	100-41-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Methylene Chloride	75-09-2	0.0051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	n-Propylbenzene	103-65-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	o-Xylene	95-47-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	p-Cymene	99-87-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Styrene	100-42-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Tetrachloroethene	127-18-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Toluene	108-88-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Trichloroethene	79-01-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-36	RISB-36-0.5-20141118	0.5-1	N	--	11/18/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.65	0.65	mg/kg	Y		EPA 300.1
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	6.5	6.5	mg/kg	Y		EPA 314.0
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Metals	Aluminum	7429-90-5	9400	9400	mg/kg	Y		EPA 6010
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Metals	Antimony	7440-36-0	0.6	0.6	mg/kg	Y	J	EPA 6020
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Metals	Arsenic	7440-38-2	6.2	6.2	mg/kg	Y		EPA 6020
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Metals	Barium	7440-39-3	290	290	mg/kg	Y		EPA 6010
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Metals	Boron	7440-42-8	33	33	mg/kg	Y		EPA 6010
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Metals	Cadmium	7440-43-9	0.31	0.31	mg/kg	Y	J	EPA 6010
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Metals	Chromium (total)	7440-47-3	34	34	mg/kg	Y		EPA 6010
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Metals	Cobalt	7440-48-4	23	23	mg/kg	Y		EPA 6010
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Metals	Copper	7440-50-8	53	53	mg/kg	Y		EPA 6010
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Metals	Iron	7439-89-6	13000	13000	mg/kg	Y		EPA 6010
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Metals	Lead	7439-92-1	38	38	mg/kg	Y		EPA 6010
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Metals	Magnesium	7439-95-4	13000	13000	mg/kg	Y		EPA 6010
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Metals	Manganese	7439-96-5	3600	3600	mg/kg	Y		EPA 6010
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Metals	Mercury	7439-97-6	0.24	0.24	mg/kg	Y		EPA 7471
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Metals	Molybdenum	7439-98-7	1.1	1.1	mg/kg	Y	J	EPA 6010
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Metals	Nickel	7440-02-0	23	23	mg/kg	Y		EPA 6010
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Metals	Selenium	7782-49-2	0.51		mg/kg	N	U	EPA 6020
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Metals	Silver	7440-22-4	0.77		mg/kg	N	U	EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Metals	Thallium	7440-28-0	0.65	0.65	mg/kg	Y		EPA 6020
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	Metals	Zinc	7440-66-6	300	300	mg/kg	Y		EPA 6010
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	PAHs	Naphthalene	91-20-3	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0023		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	2,2-Dichloropropane	594-20-7	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	2-Butanone	78-93-3	0.0058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	2-Chlorotoluene	95-49-8	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	2-Hexanone	591-78-6	0.0058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	4-Chlorotoluene	106-43-4	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0029		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Acetone	67-64-1	0.0093		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Benzene	71-43-2	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Bromobenzene	108-86-1	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Bromochloromethane	74-97-5	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Bromodichloromethane	75-27-4	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Bromoform	75-25-2	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Bromomethane	74-83-9	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Carbon tetrachloride	56-23-5	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Chlorobenzene	108-90-7	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Chloroethane	75-00-3	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Chloroform	67-66-3	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Chloromethane	74-87-3	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Cumene	98-82-8	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Dibromochloromethane	124-48-1	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Dibromomethane	74-95-3	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.0012		mg/kg	N	UJ	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Diisopropyl ether	108-20-3	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Ethyl benzene	100-41-4	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	m,p-Xylene	179601-23-1	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Methylene Chloride	75-09-2	0.0058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	n-Butylbenzene	104-51-8	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	n-Propylbenzene	103-65-1	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	o-Xylene	95-47-6	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	p-Cymene	99-87-6	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	sec-Butylbenzene	135-98-8	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Styrene	100-42-5	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	t-Amyl methyl ether	994-05-8	0.0012		mg/kg	N	UJ	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	tert Butyl alcohol	75-65-0	0.012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	tert-Butylbenzene	98-06-6	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Tetrachloroethene	127-18-4	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Toluene	108-88-3	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Trichloroethene	79-01-6	0.00058		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Trichlorofluoromethane	75-69-4	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-37	RISB-37-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Vinyl chloride	75-01-4	0.0012		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.078	0.078	mg/kg	Y	J	EPA 300.1
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	0.014	0.014	mg/kg	Y	J	EPA 314.0
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.052	0.052	mg/kg	Y	J	EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0017	0.0017	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.019	0.019	mg/kg	Y	J	EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0016	0.0016	mg/kg	Y		EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0067	0.0067	mg/kg	Y	J	EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0079	0.0079	mg/kg	Y	J	EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00016	0.00016	mg/kg	Y		EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0045	0.0045	mg/kg	Y	J	EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00038	0.00038	mg/kg	Y		EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00037		mg/kg	N	U	EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00037	0.00037	mg/kg	Y		EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0031	0.0031	mg/kg	Y	J	EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00019	0.00019	mg/kg	Y		EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00098	0.00098	mg/kg	Y		EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0015	0.0015	mg/kg	Y		EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0014	0.0014	mg/kg	Y		EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000048	0.000048	mg/kg	Y		EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	HpCDD (total)	37871-00-4	0.0025	0.0025	mg/kg	Y		EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	HpCDF (total)	38998-75-3	0.038	0.038	mg/kg	Y	J	EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	HxCDD (total)	34465-46-8	0.0027	0.0027	mg/kg	Y		EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	HxCDF (total)	55684-94-1	0.032	0.032	mg/kg	Y	J	EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	PeCDD (total)	36088-22-9	0.0021	0.0021	mg/kg	Y		EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	PeCDF (total)	30402-15-4	0.026	0.026	mg/kg	Y	J	EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	TCDD (total)	41903-57-5	0.0015	0.0015	mg/kg	Y		EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	TCDF (total)	30402-14-3	0.017	0.017	mg/kg	Y		EPA 8290
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	16000	16000	mg/kg	Y		SM 2320
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Ammonia	7664-41-7	2.5		mg/kg	N	U	SM 4500 NH3-D
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	17000	17000	mg/kg	Y		SM 2320
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Bromide	24959-67-9	3.7		mg/kg	N	U	EPA 300
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Carbonate as CO3	3812-32-6	1200	1200	mg/kg	Y		SM 2320
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Chloride	16887-00-6	16	16	mg/kg	Y		EPA 300
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Hydroxide	14280-30-9	180		mg/kg	N	U	SM 2320
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Nitrate	14797-55-8	8.1	8.1	mg/kg	Y		EPA 300
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	7.971428571	7.971428571	mg/kg	Y		EPA 300
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	ortho-Phosphate	11-36-9	4.2		mg/kg	N	U	EPA 300
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Sulfate	14808-79-8	17	17	mg/kg	Y		EPA 300
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Aluminum	7429-90-5	8700	8700	mg/kg	Y		EPA 6010
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Antimony	7440-36-0	0.52		mg/kg	N	UJ	EPA 6020
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Arsenic	7440-38-2	2.3	2.3	mg/kg	Y		EPA 6020
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Barium	7440-39-3	170	170	mg/kg	Y	J	EPA 6010
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Boron	7440-42-8	2.6		mg/kg	N	U	EPA 6010
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Chromium (total)	7440-47-3	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Chromium VI	18540-29-9	0.42		mg/kg	N	U	EPA 7199
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Cobalt	7440-48-4	7.7	7.7	mg/kg	Y		EPA 6010
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Copper	7440-50-8	19	19	mg/kg	Y		EPA 6010
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Iron	7439-89-6	15000	15000	mg/kg	Y		EPA 6010
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Lead	7439-92-1	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Magnesium	7439-95-4	8300	8300	mg/kg	Y		EPA 6010
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Manganese	7439-96-5	550	550	mg/kg	Y		EPA 6010
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Mercury	7439-97-6	0.26	0.26	mg/kg	Y	J	EPA 7471
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Nickel	7440-02-0	15	15	mg/kg	Y		EPA 6010
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Palladium	7440-05-3	0.054		mg/kg	N	U	EPA 6020
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Phosphorus (total)	7723-14-0	1300	1300	mg/kg	Y	J	EPA 6010
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Selenium	7782-49-2	0.52		mg/kg	N	U	EPA 6020
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Silicon	7440-21-3	92	92	mg/kg	Y	J	EPA 6010
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Silver	7440-22-4	0.78		mg/kg	N	U	EPA 6010
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Strontium	7440-24-6	130	130	mg/kg	Y		EPA 6010
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Tungsten	7440-33-7	5.2		mg/kg	N	UJ	EPA 6010
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Uranium (total)	7440-61-1	0.92	0.92	mg/kg	Y		EPA 6020
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Zinc	7440-66-6	37	37	mg/kg	Y		EPA 6010
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Zirconium	7440-67-7	20	20	mg/kg	Y		EPA 6010
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	2,4'-DDE	3424-82-6	0.0093	0.0093	mg/kg	Y	J	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	4,4'-DDE	72-55-9	0.015	0.015	mg/kg	Y	J	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	4,4'-DDT	50-29-3	0.0099	0.0099	mg/kg	Y	J	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	beta-BHC	319-85-7	0.021	0.021	mg/kg	Y	J	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Hexachlorobenzene	118-74-1	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Toxaphene	8001-35-2	0.052		mg/kg	N	U	EPA 8081
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	Organics	Phthalic acid	88-99-3	1.3		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	1-Methylnaphthalene	90-12-0	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	2-Methylnaphthalene	91-57-6	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Acenaphthene	83-32-9	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Acenaphthylene	208-96-8	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Anthracene	120-12-7	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Benzo(a)anthracene	56-55-3	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Benzo(a)pyrene	50-32-8	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Chrysene	218-01-9	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Fluoranthene	206-44-0	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Fluorene	86-73-7	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Naphthalene	91-20-3	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Phenanthrene	85-01-8	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Pyrene	129-00-0	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Aroclor-1260	11096-82-5	0.018		mg/kg	N	U	EPA 8082
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.000052	0.000052	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.000074	0.000074	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.00013	0.00013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000061		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.000037		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.000038		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.000036		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.00013	0.00013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.00004		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.000037		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000041		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.000035		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.00027	0.00027	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.0000045		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.000014		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.000012		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.000029	0.000029	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.0000077	0.0000077	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.00007	0.00007	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.0000074	0.0000074	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.000088	0.000088	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.000047	0.000047	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.000015		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.000043	0.000043	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.000024	0.000024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.000022	0.000022	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.0000029		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.0000029		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.000028	0.000028	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000082	0.000082	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.000002		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.000032	0.000032	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.00011	0.00011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.000031	0.000031	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.000014		mg/kg	N	U	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.000033	0.000033	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.000032	0.000032	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.000027	0.000027	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.00016	0.00016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.000024	0.000024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.000047	0.000047	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.000034	0.000034	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.0000086	0.0000086	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.000094	0.000094	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.000056	0.000056	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.000067	0.000067	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.000031	0.000031	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.000062	0.000062	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.000046		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.00005		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.000046		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.000043		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.000083	0.000083	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.000041		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.000081	0.000081	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000088	0.000088	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.000037		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.00029	0.00029	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.00016	0.00016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.000078	0.000078	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.000029	0.000029	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.0001	0.0001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.000028		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.000033		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.000056	0.000056	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.000097	0.000097	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.000077	0.000077	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.00037	0.00037	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.000052	0.000052	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.00016	0.00016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.000052	0.000052	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.00015	0.00015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.00019	0.00019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.00014	0.00014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.00013	0.00013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.000036	0.000036	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.00042	0.00042	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.00013	0.00013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.000065	0.000065	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.000027	0.000027	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.00017	0.00017	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.000039	0.000039	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.00021	0.00021	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.00019	0.00019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.0002	0.0002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.00014	0.00014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.0002	0.0002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.00027	0.00027	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.000083	0.000083	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.0003	0.0003	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.000037		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.00024	0.00024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0006	0.0006	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.00038	0.00038	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.00055	0.00055	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.0003	0.0003	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.0002	0.0002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.00037	0.00037	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.00022	0.00022	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.0002	0.0002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.00035	0.00035	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.0005	0.0005	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.0005	0.0005	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.00025	0.00025	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00008	0.00008	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.00041	0.00041	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.00026	0.00026	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.00052	0.00052	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.00028	0.00028	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.00026	0.00026	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.00018	0.00018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.00083	0.00083	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.00038	0.00038	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.002	0.002	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.0014	0.0014	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.00064	0.00064	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.0017	0.0017	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.00054	0.00054	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.00099	0.00099	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.0011	0.0011	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.0009	0.0009	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.0081	0.0081	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.012	0.012	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.0074	0.0074	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.099	0.099	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 107+124	PCB107+124	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 110+115	PCB110+115	0.00044	0.00044	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 12+13	PCB12+13	0.00004		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 128+166	PCB128+166	0.0002	0.0002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.00052	0.00052	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 134+143	PCB134+143	0.000099	0.000099	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 135+151	PCB135+151	0.00024	0.00024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 139+140	PCB139+140	0.00015	0.00015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 147+149	PCB147+149	0.0003	0.0003	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 153+168	PCB153+168	0.00035	0.00035	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 156+157	PCB156+157	0.00036	0.00036	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 171+173	PCB171+173	0.00089	0.00089	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 18+30	PCB18+30	0.000029	0.000029	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 180+193	PCB180+193	0.0011	0.0011	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 198+199	PCB198+199	0.0023	0.0023	mg/kg	Y		EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 20+28	PCB20+28	0.000077	0.000077	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 21+33	PCB21+33	0.000086	0.000086	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 26+29	PCB26+29	0.000054	0.000054	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 40+71	PCB40+71	0.00016	0.00016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.00014	0.00014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 49+69	PCB49+69	0.000066	0.000066	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 50+53	PCB50+53	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.000099	0.000099	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.00035	0.00035	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.00028	0.00028	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.00037	0.00037	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 88+91	PCB88+91	0.000039		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.00027	0.00027	mg/kg	Y	J	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 93+100	PCB93+100	0.000039		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 98+102	PCB98+102	0.000035		mg/kg	N	U	EPA 1668A
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Radium-226	Ra-226	1.06	1.06	pCi/g	Y		EPA 903.0
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Radium-228	Ra-228	1.06	1.06	pCi/g	Y		EPA 904.0
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Thorium-228	Th-228	1.76	1.76	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Thorium-230	Th-230	1.11	1.11	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Thorium-232	Th-232	1.47	1.47	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Uranium-234	U-234	0.686	0.686	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Uranium-235	U-235	0.0458		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Uranium-238	U-238	0.565	0.565	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.078		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.34		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.083		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.098		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2-Chlorophenol	95-57-8	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2-Methylphenol	95-48-7	0.083		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2-Nitroaniline	88-74-4	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.16		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.078		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.088		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	4-Nitrophenol	100-02-7	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Aniline	62-53-3	0.088		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Benzidine	92-87-5	0.68		mg/kg	N	UJ	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Benzoic acid	65-85-0	0.35		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Benzyl alcohol	100-51-6	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.093		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.083		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Dibenzofuran	132-64-9	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Diethylphthalate	84-66-2	0.098		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Dimethylphthalate	131-11-3	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.093		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.093		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Isophorone	78-59-1	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Nitrobenzene	98-95-3	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.083		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Phenol	108-95-2	0.093		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Pyridine	110-86-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	TPH	EFH (C10-C40)	EFH-C10-C40	4.5	4.5	mg/kg	Y	J	EPA 8015
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	2.6	2.6	mg/kg	Y	J	EPA 8015
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.6		mg/kg	N	U	EPA 8015
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.16		mg/kg	N	UJ	EPA 8015
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0021		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	2-Butanone	78-93-3	0.0052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	2-Hexanone	591-78-6	0.0052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0026		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Acetone	67-64-1	0.0082		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Benzene	71-43-2	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Bromodichloromethane	75-27-4	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Carbon tetrachloride	56-23-5	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Chlorobenzene	108-90-7	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Chloroform	67-66-3	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00052		mg/kg	N	UJ	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Cumene	98-82-8	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Dibromochloromethane	124-48-1	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Dibromomethane	74-95-3	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Ethyl benzene	100-41-4	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Methylene Chloride	75-09-2	0.0052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	n-Propylbenzene	103-65-1	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	o-Xylene	95-47-6	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	p-Cymene	99-87-6	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Styrene	100-42-5	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Tetrachloroethene	127-18-4	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Toluene	108-88-3	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Trichloroethene	79-01-6	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	PAHs	Naphthalene	91-20-3	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0019		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	2,2-Dichloropropane	594-20-7	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	2-Butanone	78-93-3	0.0048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	2-Chlorotoluene	95-49-8	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	2-Hexanone	591-78-6	0.0048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	4-Chlorotoluene	106-43-4	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0024		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Acetone	67-64-1	0.0077		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Benzene	71-43-2	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Bromobenzene	108-86-1	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Bromochloromethane	74-97-5	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Bromodichloromethane	75-27-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Bromoform	75-25-2	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Bromomethane	74-83-9	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Carbon tetrachloride	56-23-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Chlorobenzene	108-90-7	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Chloroethane	75-00-3	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Chloroform	67-66-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Chloromethane	74-87-3	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Cumene	98-82-8	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Dibromochloromethane	124-48-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Dibromomethane	74-95-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.00096		mg/kg	N	UJ	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Diisopropyl ether	108-20-3	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Ethyl benzene	100-41-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	m,p-Xylene	179601-23-1	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Methylene Chloride	75-09-2	0.0048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	n-Butylbenzene	104-51-8	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	n-Propylbenzene	103-65-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	o-Xylene	95-47-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	p-Cymene	99-87-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	sec-Butylbenzene	135-98-8	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Styrene	100-42-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	t-Amyl methyl ether	994-05-8	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	tert Butyl alcohol	75-65-0	0.0096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	tert-Butylbenzene	98-06-6	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Tetrachloroethene	127-18-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Toluene	108-88-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Trichloroethene	79-01-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Trichlorofluoromethane	75-69-4	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-39	RISB-39-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Vinyl chloride	75-01-4	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Chlorine Oxyanions	Chlorate	14866-68-3	0.039	0.039	mg/kg	Y	J	EPA 300.1
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Chlorine Oxyanions	Perchlorate	14797-73-0	0.86	0.86	mg/kg	Y		EPA 314.0
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Alkalinity (as CaCO3)	ALKA	4900	4900	mg/kg	Y		SM 2320
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Ammonia	7664-41-7	16	16	mg/kg	Y		SM 4500 NH3-D
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	5300	5300	mg/kg	Y		SM 2320
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Bromide	24959-67-9	3.7		mg/kg	N	U	EPA 300
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Carbonate as CO3	3812-32-6	310	310	mg/kg	Y		SM 2320
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Chloride	16887-00-6	28	28	mg/kg	Y		EPA 300
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Hydroxide	14280-30-9	180		mg/kg	N	U	SM 2320
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Nitrate	14797-55-8	15	15	mg/kg	Y		EPA 300
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Nitrate/Nitrite	NO3/NO2	14.61428571	14.61428571	mg/kg	Y		CALC_ANION
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Sulfate	14808-79-8	66	66	mg/kg	Y		EPA 300
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Antimony	7440-36-0	0.47		mg/kg	N	U	EPA 6020
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Arsenic	7440-38-2	18	18	mg/kg	Y		EPA 6020
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Barium	7440-39-3	110	110	mg/kg	Y	J	EPA 6010
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Boron	7440-42-8	13	13	mg/kg	Y		EPA 6010
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Cadmium	7440-43-9	0.4	0.4	mg/kg	Y	J	EPA 6010
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Chromium (total)	7440-47-3	9.7	9.7	mg/kg	Y		EPA 6010
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Chromium VI	18540-29-9	0.16		mg/kg	N	U	EPA 7199
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Cobalt	7440-48-4	3.1	3.1	mg/kg	Y		EPA 6010
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Copper	7440-50-8	86	86	mg/kg	Y		EPA 6010
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Iron	7439-89-6	29000	29000	mg/kg	Y		EPA 6010
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Lead	7439-92-1	18	18	mg/kg	Y		EPA 6010
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Magnesium	7439-95-4	2200	2200	mg/kg	Y	J	EPA 6010
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Manganese	7439-96-5	260	260	mg/kg	Y	J	EPA 6010
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Mercury	7439-97-6	0.021	0.021	mg/kg	Y		EPA 7471
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Molybdenum	7439-98-7	4.1	4.1	mg/kg	Y		EPA 6010
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Nickel	7440-02-0	3.7	3.7	mg/kg	Y		EPA 6010
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Niobium	7440-03-1	2.8		mg/kg	N	U	EPA 6020
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Phosphorus (total)	7723-14-0	450	450	mg/kg	Y		EPA 6010
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Selenium	7782-49-2	3.4	3.4	mg/kg	Y		EPA 6020
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Silver	7440-22-4	0.91		mg/kg	N	U	EPA 6010
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Strontium	7440-24-6	100	100	mg/kg	Y	J	EPA 6010
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Sulfur	7704-34-9	390	390	mg/kg	Y	J+	EPA 6010
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Thallium	7440-28-0	0.47		mg/kg	N	U	EPA 6020
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Tungsten	7440-33-7	2.6		mg/kg	N	UJ	EPA 6010
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Vanadium	7440-62-2	35	35	mg/kg	Y		EPA 6010
DU-1	RISB-04	RISB-4-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Zirconium	7440-67-7	5.1		mg/kg	N	U	EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.091	0.091	mg/kg	Y	J	EPA 300.1
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	0.045	0.045	mg/kg	Y		EPA 314.0
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.056	0.056	mg/kg	Y	J	EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0018	0.0018	mg/kg	Y		EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.019	0.019	mg/kg	Y	J	EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0015	0.0015	mg/kg	Y		EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0069	0.0069	mg/kg	Y		EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0074	0.0074	mg/kg	Y		EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00015	0.00015	mg/kg	Y		EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0044	0.0044	mg/kg	Y		EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00034	0.00034	mg/kg	Y		EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00051		mg/kg	N	U	EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00034	0.00034	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0032	0.0032	mg/kg	Y		EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00019	0.00019	mg/kg	Y		EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.001	0.001	mg/kg	Y		EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0015	0.0015	mg/kg	Y		EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0016	0.0016	mg/kg	Y		EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000048	0.000048	mg/kg	Y		EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	HpCDD (total)	37871-00-4	0.0024	0.0024	mg/kg	Y		EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	HpCDF (total)	38998-75-3	0.039	0.039	mg/kg	Y	J	EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	HxCDD (total)	34465-46-8	0.0024	0.0024	mg/kg	Y		EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	HxCDF (total)	55684-94-1	0.031	0.031	mg/kg	Y		EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	PeCDD (total)	36088-22-9	0.0022	0.0022	mg/kg	Y		EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	PeCDF (total)	30402-15-4	0.028	0.028	mg/kg	Y		EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	TCDD (total)	41903-57-5	0.0016	0.0016	mg/kg	Y		EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	TCDF (total)	30402-14-3	0.02	0.02	mg/kg	Y		EPA 8290
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	17000	17000	mg/kg	Y		SM 2320
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Ammonia	7664-41-7	2.5		mg/kg	N	U	SM 4500 NH3-D
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	19000	19000	mg/kg	Y		SM 2320
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Bromide	24959-67-9	3.6		mg/kg	N	U	EPA 300
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Carbonate as CO3	3812-32-6	920	920	mg/kg	Y		SM 2320
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Chloride	16887-00-6	12	12	mg/kg	Y		EPA 300
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Hydroxide	14280-30-9	170		mg/kg	N	U	SM 2320
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Nitrate	14797-55-8	9.9	9.9	mg/kg	Y		EPA 300
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	9.742857143	9.742857143	mg/kg	Y		EPA 300
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	ortho-Phosphate	11-36-9	4.1		mg/kg	N	U	EPA 300
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Sulfate	14808-79-8	18	18	mg/kg	Y		EPA 300
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Aluminum	7429-90-5	10000	10000	mg/kg	Y		EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Antimony	7440-36-0	0.51		mg/kg	N	UJ	EPA 6020
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Arsenic	7440-38-2	3.3	3.3	mg/kg	Y		EPA 6020
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Barium	7440-39-3	210	210	mg/kg	Y	J	EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Boron	7440-42-8	3.6	3.6	mg/kg	Y	J	EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Chromium (total)	7440-47-3	16	16	mg/kg	Y		EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Chromium VI	18540-29-9	0.42		mg/kg	N	U	EPA 7199
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Cobalt	7440-48-4	9.1	9.1	mg/kg	Y		EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Copper	7440-50-8	20	20	mg/kg	Y		EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Iron	7439-89-6	15000	15000	mg/kg	Y		EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Lead	7439-92-1	14	14	mg/kg	Y		EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Magnesium	7439-95-4	9900	9900	mg/kg	Y		EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Manganese	7439-96-5	980	980	mg/kg	Y		EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Mercury	7439-97-6	0.028	0.028	mg/kg	Y	J	EPA 7471
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Nickel	7440-02-0	17	17	mg/kg	Y		EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Niobium	7440-03-1	2.3	2.3	mg/kg	Y	J	EPA 6020
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Palladium	7440-05-3	0.05		mg/kg	N	U	EPA 6020
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Phosphorus (total)	7723-14-0	1100	1100	mg/kg	Y	J	EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Selenium	7782-49-2	0.51		mg/kg	N	U	EPA 6020
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Silicon	7440-21-3	98	98	mg/kg	Y	J	EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Silver	7440-22-4	0.77		mg/kg	N	U	EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Strontium	7440-24-6	180	180	mg/kg	Y		EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Tungsten	7440-33-7	5.1		mg/kg	N	UJ	EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Uranium (total)	7440-61-1	1.2	1.2	mg/kg	Y		EPA 6020
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Zinc	7440-66-6	47	47	mg/kg	Y		EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Zirconium	7440-67-7	26	26	mg/kg	Y		EPA 6010
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	2,4'-DDE	3424-82-6	0.033	0.033	mg/kg	Y	J	EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	4,4'-DDD	72-54-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	4,4'-DDE	72-55-9	0.071	0.071	mg/kg	Y		EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	4,4'-DDT	50-29-3	0.045	0.045	mg/kg	Y		EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Aldrin	309-00-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	alpha-BHC	319-84-6	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	beta-BHC	319-85-7	0.037	0.037	mg/kg	Y	J	EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	delta-BHC	319-86-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Dieldrin	60-57-1	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Endosulfan I	959-98-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Endosulfan II	33213-65-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Endrin	72-20-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Endrin aldehyde	7421-93-4	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	gamma-BHC	58-89-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	gamma-Chlordane	5103-74-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Hexachlorobenzene	118-74-1	0.28	0.28	mg/kg	Y	J	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Methoxychlor	72-43-5	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Toxaphene	8001-35-2	0.051		mg/kg	N	U	EPA 8081
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	Organics	Phthalic acid	88-99-3	1.3		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	2-Methylnaphthalene	91-57-6	0.072		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Acenaphthene	83-32-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Acenaphthylene	208-96-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Anthracene	120-12-7	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Benzo(a)anthracene	56-55-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Benzo(a)pyrene	50-32-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.0044	0.0044	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Chrysene	218-01-9	0.0045	0.0045	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Fluoranthene	206-44-0	0.0047	0.0047	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Fluorene	86-73-7	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Naphthalene	91-20-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Phenanthrene	85-01-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Pyrene	129-00-0	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Aroclor-1260	11096-82-5	0.017		mg/kg	N	U	EPA 8082
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.00015	0.00015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.00015	0.00015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.00027	0.00027	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000091	0.000091	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.000042		mg/kg	N	U	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.00011	0.00011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.000041		mg/kg	N	U	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.00025	0.00025	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.000059	0.000059	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.000038		mg/kg	N	U	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.00016	0.00016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.000039		mg/kg	N	U	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.00063	0.00063	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.00003	0.00003	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.000042	0.000042	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.000054	0.000054	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00003	0.00003	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.000067	0.000067	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.00017	0.00017	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.000036	0.000036	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0002	0.0002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.000098	0.000098	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.00025	0.00025	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.000066	0.000066	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.000096	0.000096	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.000034	0.000034	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.000058	0.000058	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.000052	0.000052	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.000032	0.000032	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.00007	0.00007	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.000025	0.000025	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.00016	0.00016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.000009	0.000009	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.000082	0.000082	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.00024	0.00024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.000071	0.000071	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.000054	0.000054	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.000066	0.000066	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.000082	0.000082	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.000053	0.000053	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.00041	0.00041	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.000099	0.000099	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.00015	0.00015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.00003	0.00003	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.00021	0.00021	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.00014	0.00014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.00018	0.00018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.0001	0.0001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.00027	0.00027	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.000097		mg/kg	N	U	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.00011	0.00011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.000083		mg/kg	N	U	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.00019	0.00019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.000079		mg/kg	N	U	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.0002	0.0002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.000029	0.000029	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.00021	0.00021	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.00007		mg/kg	N	U	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.000028	0.000028	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.00038	0.00038	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.00074	0.00074	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.00036	0.00036	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.00023	0.00023	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.000094	0.000094	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.00027	0.00027	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.00053	0.00053	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.00024	0.00024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.000094	0.000094	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.000078	0.000078	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.00016	0.00016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.00062	0.00062	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.00022	0.00022	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.00034	0.00034	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.00011	0.00011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.00033	0.00033	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.00039	0.00039	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.00033	0.00033	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.00031	0.00031	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.000083	0.000083	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.00099	0.00099	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.0003	0.0003	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.00016	0.00016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.000064	0.000064	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.00041	0.00041	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.00011	0.00011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.00045	0.00045	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.0004	0.0004	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.00046	0.00046	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.00033	0.00033	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.00041	0.00041	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.00064	0.00064	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.00018	0.00018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.00061	0.00061	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.000078		mg/kg	N	U	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.00055	0.00055	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0014	0.0014	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.00086	0.00086	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.00066	0.00066	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.00048	0.00048	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.00076	0.00076	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.00049	0.00049	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.00044	0.00044	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.00076	0.00076	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.0011	0.0011	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.00057	0.00057	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00018	0.00018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.00094	0.00094	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.0006	0.0006	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.001	0.001	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.00054	0.00054	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.00057	0.00057	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.00041	0.00041	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.0017	0.0017	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.00074	0.00074	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.004	0.004	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.003	0.003	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.0014	0.0014	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.0035	0.0035	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.0011	0.0011	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.002	0.002	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.0023	0.0023	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.0019	0.0019	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.015	0.015	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.022	0.022	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.014	0.014	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.19	0.19	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 107+124	PCB107+124	0.00027	0.00027	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 110+115	PCB110+115	0.00098	0.00098	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 12+13	PCB12+13	0.00034	0.00034	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 128+166	PCB128+166	0.00042	0.00042	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.0011	0.0011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 134+143	PCB134+143	0.0002	0.0002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 135+151	PCB135+151	0.00056	0.00056	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 139+140	PCB139+140	0.00036	0.00036	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 147+149	PCB147+149	0.00064	0.00064	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 153+168	PCB153+168	0.00079	0.00079	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 156+157	PCB156+157	0.00074	0.00074	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 171+173	PCB171+173	0.002	0.002	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 18+30	PCB18+30	0.000065	0.000065	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 180+193	PCB180+193	0.0024	0.0024	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 198+199	PCB198+199	0.0046	0.0046	mg/kg	Y		EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 20+28	PCB20+28	0.00018	0.00018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 21+33	PCB21+33	0.0002	0.0002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 26+29	PCB26+29	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 40+71	PCB40+71	0.00039	0.00039	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.00028	0.00028	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 49+69	PCB49+69	0.00016	0.00016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 50+53	PCB50+53	0.000047	0.000047	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.00024	0.00024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.00082	0.00082	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.00068	0.00068	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.00093	0.00093	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 88+91	PCB88+91	0.00017	0.00017	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.00055	0.00055	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 93+100	PCB93+100	0.00015	0.00015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 98+102	PCB98+102	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Radium-226	Ra-226	1.03	1.03	pCi/g	Y		EPA 903.0
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Radium-228	Ra-228	1.24	1.24	pCi/g	Y		EPA 904.0
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Thorium-228	Th-228	1.59	1.59	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Thorium-230	Th-230	1.21	1.21	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Thorium-232	Th-232	1.25	1.25	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Uranium-234	U-234	1.06	1.06	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Uranium-235	U-235	0.0757		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Uranium-238	U-238	1.1	1.1	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.077		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.34		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.082		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.098		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2-Chlorophenol	95-57-8	0.072		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2-Methylphenol	95-48-7	0.082		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2-Nitroaniline	88-74-4	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.077		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.072		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.087		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	4-Nitrophenol	100-02-7	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Aniline	62-53-3	0.087		mg/kg	N	U	EPA 8270

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Benzidine	92-87-5	0.68		mg/kg	N	UJ	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Benzoic acid	65-85-0	0.35		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Benzyl alcohol	100-51-6	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.072		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.092		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.082		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Dibenzofuran	132-64-9	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Diethylphthalate	84-66-2	0.098		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Dimethylphthalate	131-11-3	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.092		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.092		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Isophorone	78-59-1	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Nitrobenzene	98-95-3	0.072		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.072		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.082		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Phenol	108-95-2	0.092		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	TPH	EFH (C10-C40)	EFH-C10-C40	6.7	6.7	mg/kg	Y		EPA 8015
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	2.6		mg/kg	N	U	EPA 8015
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	3.3	3.3	mg/kg	Y	J	EPA 8015
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.16		mg/kg	N	UJ	EPA 8015
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0039		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	2,2-Dichloropropane	594-20-7	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	2-Butanone	78-93-3	0.0097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	2-Chlorotoluene	95-49-8	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	2-Hexanone	591-78-6	0.0097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	4-Chlorotoluene	106-43-4	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Acetone	67-64-1	0.015		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Benzene	71-43-2	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Bromobenzene	108-86-1	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Bromochloromethane	74-97-5	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Bromodichloromethane	75-27-4	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Bromoform	75-25-2	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Bromomethane	74-83-9	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Carbon tetrachloride	56-23-5	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Chlorobenzene	108-90-7	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Chloroethane	75-00-3	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Chloroform	67-66-3	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Chloromethane	74-87-3	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Cumene	98-82-8	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Dibromochloromethane	124-48-1	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Dibromomethane	74-95-3	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Diisopropyl ether	108-20-3	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Ethyl benzene	100-41-4	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.0019		mg/kg	N	UJ	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	m,p-Xylene	179601-23-1	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Methylene Chloride	75-09-2	0.0097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	n-Butylbenzene	104-51-8	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	n-Propylbenzene	103-65-1	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	o-Xylene	95-47-6	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	p-Cymene	99-87-6	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	sec-Butylbenzene	135-98-8	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Styrene	100-42-5	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	t-Amyl methyl ether	994-05-8	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	tert Butyl alcohol	75-65-0	0.019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	tert-Butylbenzene	98-06-6	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Tetrachloroethene	127-18-4	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Toluene	108-88-3	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Trichloroethene	79-01-6	0.00097		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Trichlorofluoromethane	75-69-4	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Vinyl chloride	75-01-4	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	PAHs	Naphthalene	91-20-3	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.14		mg/kg	N	U	EPA 8015
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0019		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	2,2-Dichloropropane	594-20-7	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	2-Butanone	78-93-3	0.0048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	2-Chlorotoluene	95-49-8	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	2-Hexanone	591-78-6	0.0048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	4-Chlorotoluene	106-43-4	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0024		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Acetone	67-64-1	0.0077		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Benzene	71-43-2	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Bromobenzene	108-86-1	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Bromochloromethane	74-97-5	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Bromodichloromethane	75-27-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Bromoform	75-25-2	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Bromomethane	74-83-9	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Carbon tetrachloride	56-23-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Chlorobenzene	108-90-7	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Chloroethane	75-00-3	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Chloroform	67-66-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Chloromethane	74-87-3	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Cumene	98-82-8	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Dibromochloromethane	124-48-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Dibromomethane	74-95-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Diisopropyl ether	108-20-3	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Ethyl benzene	100-41-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	m,p-Xylene	179601-23-1	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Methylene Chloride	75-09-2	0.0048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	n-Butylbenzene	104-51-8	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	n-Propylbenzene	103-65-1	0.00048		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	o-Xylene	95-47-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	p-Cymene	99-87-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	sec-Butylbenzene	135-98-8	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Styrene	100-42-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	t-Amyl methyl ether	994-05-8	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	tert Butyl alcohol	75-65-0	0.0096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	tert-Butylbenzene	98-06-6	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Tetrachloroethene	127-18-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Toluene	108-88-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Trichloroethene	79-01-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Trichlorofluoromethane	75-69-4	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-40	RISB-40-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Vinyl chloride	75-01-4	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.052		mg/kg	N	U	EPA 300.1
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	0.079	0.079	mg/kg	Y		EPA 314.0
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0026	0.0026	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000084	0.000084	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00097	0.00097	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000075	0.000075	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00033	0.00033	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00041	0.00041	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000079	0.0000079	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00024	0.00024	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000018	0.000018	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000026		mg/kg	N	U	EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000018	0.000018	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000093	0.0000093	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000052	0.000052	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000076	0.000076	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000063	0.000063	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000021	0.0000021	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	HpCDD (total)	37871-00-4	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	HpCDF (total)	38998-75-3	0.002	0.002	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	HxCDD (total)	34465-46-8	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	HxCDF (total)	55684-94-1	0.0017	0.0017	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	PeCDD (total)	36088-22-9	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	PeCDF (total)	30402-15-4	0.0021	0.0021	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	TCDD (total)	41903-57-5	0.000078	0.000078	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Dioxins	TCDF (total)	30402-14-3	0.00089	0.00089	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	20000	20000	mg/kg	Y		SM 2320
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Ammonia	7664-41-7	2.5		mg/kg	N	U	SM 4500 NH3-D
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	22000	22000	mg/kg	Y		SM 2320
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Bromide	24959-67-9	3.7		mg/kg	N	U	EPA 300
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Carbonate as CO3	3812-32-6	1200	1200	mg/kg	Y		SM 2320
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Chloride	16887-00-6	14	14	mg/kg	Y		EPA 300
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Hydroxide	14280-30-9	180		mg/kg	N	U	SM 2320
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Nitrate	14797-55-8	8.5	8.5	mg/kg	Y		EPA 300
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	8.414285714	8.414285714	mg/kg	Y		EPA 300
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	ortho-Phosphate	11-36-9	4.2		mg/kg	N	U	EPA 300
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	General Chemistry	Sulfate	14808-79-8	55	55	mg/kg	Y		EPA 300
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Aluminum	7429-90-5	9000	9000	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Antimony	7440-36-0	0.52		mg/kg	N	UJ	EPA 6020
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Arsenic	7440-38-2	2.3	2.3	mg/kg	Y		EPA 6020
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Barium	7440-39-3	220	220	mg/kg	Y	J	EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Boron	7440-42-8	3	3	mg/kg	Y	J	EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Chromium (total)	7440-47-3	13	13	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Chromium VI	18540-29-9	0.42		mg/kg	N	U	EPA 7199
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Cobalt	7440-48-4	7.2	7.2	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Copper	7440-50-8	18	18	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Iron	7439-89-6	14000	14000	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Lead	7439-92-1	9.4	9.4	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Magnesium	7439-95-4	11000	11000	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Manganese	7439-96-5	650	650	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Mercury	7439-97-6	0.21	0.21	mg/kg	Y	J	EPA 7471
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Nickel	7440-02-0	14	14	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Palladium	7440-05-3	0.051		mg/kg	N	U	EPA 6020
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Phosphorus (total)	7723-14-0	1200	1200	mg/kg	Y	J	EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Selenium	7782-49-2	0.52		mg/kg	N	U	EPA 6020
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Silicon	7440-21-3	140	140	mg/kg	Y	J	EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Silver	7440-22-4	0.78		mg/kg	N	U	EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Strontium	7440-24-6	170	170	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Tungsten	7440-33-7	5.2		mg/kg	N	UJ	EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Uranium (total)	7440-61-1	0.79	0.79	mg/kg	Y		EPA 6020
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Zinc	7440-66-6	33	33	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Metals	Zirconium	7440-67-7	21	21	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	2,4'-DDE	3424-82-6	0.0018	0.0018	mg/kg	Y	J	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	4,4'-DDE	72-55-9	0.003	0.003	mg/kg	Y	J	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	4,4'-DDT	50-29-3	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	beta-BHC	319-85-7	0.0034	0.0034	mg/kg	Y	J	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Hexachlorobenzene	118-74-1	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Toxaphene	8001-35-2	0.052		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	Organics	Phthalic acid	88-99-3	1.3		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	1-Methylnaphthalene	90-12-0	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	2-Methylnaphthalene	91-57-6	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Acenaphthene	83-32-9	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Acenaphthylene	208-96-8	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Anthracene	120-12-7	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Benzo(a)anthracene	56-55-3	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Benzo(a)pyrene	50-32-8	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.0053	0.0053	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Chrysene	218-01-9	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Fluoranthene	206-44-0	0.0042	0.0042	mg/kg	Y	J	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Fluorene	86-73-7	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Naphthalene	91-20-3	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Phenanthrene	85-01-8	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Pyrene	129-00-0	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Aroclor-1260	11096-82-5	0.018		mg/kg	N	U	EPA 8082
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.0000088	0.0000088	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.0000099	0.0000099	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.0000052		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000027		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.0000064	0.0000064	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000027		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.0000098	0.0000098	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.000003		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000035		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.0000092	0.0000092	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000025		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.000023	0.000023	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.00000051	0.00000051	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00000099	0.00000099	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00000072	0.00000072	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.00000068	0.00000068	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.0000063	0.0000063	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.00000064	0.00000064	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000068	0.0000068	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.0000038	0.0000038	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000022	0.0000022	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.0000033	0.0000033	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.0000021	0.0000021	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000052	0.00000052	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.0000021	0.0000021	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.0000087	0.0000087	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000015		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.0000021	0.0000021	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.0000028	0.0000028	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.0000022	0.0000022	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.000004	0.000004	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.00000097	0.00000097	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.000009	0.000009	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.0000042	0.0000042	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.0000072	0.0000072	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.000003	0.000003	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.0000054	0.0000054	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.0000044		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.0000055	0.0000055	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.0000037		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.0000075	0.0000075	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.0000036		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0000032		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000018	0.000018	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.000027	0.000027	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.0000067	0.0000067	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.000011	0.000011	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.000031	0.000031	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.000008	0.000008	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0000034	0.0000034	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.0000043	0.0000043	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.0000076	0.0000076	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.0000072	0.0000072	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.000025	0.000025	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.0000048	0.0000048	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.0000049	0.0000049	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.000038	0.000038	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.000005	0.000005	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.0000055	0.0000055	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.000016	0.000016	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.000023	0.000023	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.0000064	0.0000064	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.000025	0.000025	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.0000052	0.0000052	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.000028	0.000028	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.000053	0.000053	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.000041	0.000041	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.000046	0.000046	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.000026	0.000026	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.000026	0.000026	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.00003	0.00003	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.000029	0.000029	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.000047	0.000047	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.000044	0.000044	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.000022	0.000022	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.0000068	0.0000068	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.000042	0.000042	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.00004	0.00004	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.000023	0.000023	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.000073	0.000073	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.000032	0.000032	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.000053	0.000053	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.000046	0.000046	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.000082	0.000082	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.000089	0.000089	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.000082	0.000082	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.00062	0.00062	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.00092	0.00092	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.00056	0.00056	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.0078	0.0078	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 107+124	PCB107+124	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 110+115	PCB110+115	0.000045	0.000045	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 12+13	PCB12+13	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 128+166	PCB128+166	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.000062	0.000062	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 134+143	PCB134+143	0.0000087	0.0000087	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 135+151	PCB135+151	0.000022	0.000022	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 139+140	PCB139+140	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 147+149	PCB147+149	0.000033	0.000033	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 153+168	PCB153+168	0.000045	0.000045	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 156+157	PCB156+157	0.00003	0.00003	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 171+173	PCB171+173	0.000084	0.000084	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 18+30	PCB18+30	0.0000028	0.0000028	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 180+193	PCB180+193	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 198+199	PCB198+199	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 20+28	PCB20+28	0.0000066	0.0000066	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 21+33	PCB21+33	0.0000068	0.0000068	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 26+29	PCB26+29	0.0000045	0.0000045	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 40+71	PCB40+71	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 49+69	PCB49+69	0.0000058	0.0000058	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 50+53	PCB50+53	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.0000078	0.0000078	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.000033	0.000033	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.000025	0.000025	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.000039	0.000039	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 88+91	PCB88+91	0.0000071	0.0000071	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.000027	0.000027	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 93+100	PCB93+100	0.0000054	0.0000054	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	PCBs 98+102	PCB98+102	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Radium-226	Ra-226	1.21	1.21	pCi/g	Y		EPA 903.0
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Radium-228	Ra-228	1.23	1.23	pCi/g	Y		EPA 904.0
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Thorium-228	Th-228	1.94	1.94	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Thorium-230	Th-230	1.17	1.17	pCi/g	Y		DOE EML HASL 300 A-01-R

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Thorium-232	Th-232	2.05	2.05	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Uranium-234	U-234	0.807	0.807	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Uranium-235	U-235	0.0587		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	RAD	Uranium-238	U-238	0.896	0.896	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.078		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.34		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.083		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.099		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2-Chlorophenol	95-57-8	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2-Methylphenol	95-48-7	0.083		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2-Nitroaniline	88-74-4	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.078		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.088		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	4-Nitrophenol	100-02-7	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Aniline	62-53-3	0.088		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Benzidine	92-87-5	0.69		mg/kg	N	UJ	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Benzoic acid	65-85-0	0.35		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Benzyl alcohol	100-51-6	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.094		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.083		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Dibenzofuran	132-64-9	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Diethylphthalate	84-66-2	0.099		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Dimethylphthalate	131-11-3	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.094		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.094		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Isophorone	78-59-1	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Nitrobenzene	98-95-3	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.083		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Phenol	108-95-2	0.094		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	SVOCs	Pyridine	110-86-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	TPH	EFH (C10-C40)	EFH-C10-C40	4	4	mg/kg	Y	J	EPA 8015
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	2.6		mg/kg	N	U	EPA 8015
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.6		mg/kg	N	U	EPA 8015
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.16		mg/kg	N	UJ	EPA 8015
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0022		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	2,2-Dichloropropane	594-20-7	0.0011		mg/kg	N	UJ	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	2-Butanone	78-93-3	0.0055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	2-Chlorotoluene	95-49-8	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	2-Hexanone	591-78-6	0.0055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	4-Chlorotoluene	106-43-4	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0027		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Acetone	67-64-1	0.0088		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Benzene	71-43-2	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Bromobenzene	108-86-1	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Bromochloromethane	74-97-5	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Bromodichloromethane	75-27-4	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Bromoform	75-25-2	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Bromomethane	74-83-9	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Carbon tetrachloride	56-23-5	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Chlorobenzene	108-90-7	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Chloroethane	75-00-3	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Chloroform	67-66-3	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Chloromethane	74-87-3	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Cumene	98-82-8	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Dibromochloromethane	124-48-1	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Dibromomethane	74-95-3	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Diisopropyl ether	108-20-3	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Ethyl benzene	100-41-4	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	m,p-Xylene	179601-23-1	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Methylene Chloride	75-09-2	0.0055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	n-Butylbenzene	104-51-8	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	n-Propylbenzene	103-65-1	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	o-Xylene	95-47-6	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	p-Cymene	99-87-6	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	sec-Butylbenzene	135-98-8	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Styrene	100-42-5	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	t-Amyl methyl ether	994-05-8	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	tert Butyl alcohol	75-65-0	0.011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	tert-Butylbenzene	98-06-6	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Tetrachloroethene	127-18-4	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Toluene	108-88-3	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Trichloroethene	79-01-6	0.00055		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Trichlorofluoromethane	75-69-4	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	VOCs	Vinyl chloride	75-01-4	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.052		mg/kg	N	U	EPA 300.1
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	0.079	0.079	mg/kg	Y		EPA 314.0
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0023	0.0023	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000072	0.000072	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00089	0.00089	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000065	0.000065	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00031	0.00031	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00039	0.00039	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000074	0.0000074	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00023	0.00023	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000017	0.000017	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000024		mg/kg	N	U	EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000017	0.000017	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00015	0.00015	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000083	0.0000083	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000051	0.000051	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000068	0.000068	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000057	0.000057	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000002	0.000002	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	HpCDD (total)	37871-00-4	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	HpCDF (total)	38998-75-3	0.0018	0.0018	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	HxCDD (total)	34465-46-8	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	HxCDF (total)	55684-94-1	0.0016	0.0016	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	PeCDD (total)	36088-22-9	0.000096	0.000096	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	PeCDF (total)	30402-15-4	0.0013	0.0013	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	TCDD (total)	41903-57-5	0.000067	0.000067	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Dioxins	TCDF (total)	30402-14-3	0.00075	0.00075	mg/kg	Y		EPA 8290
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	16000	16000	mg/kg	Y		SM 2320
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	General Chemistry	Ammonia	7664-41-7	2.5		mg/kg	N	U	SM 4500 NH3-D

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	18000	18000	mg/kg	Y		SM 2320
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	General Chemistry	Bromide	24959-67-9	3.6		mg/kg	N	U	EPA 300
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	General Chemistry	Carbonate as CO3	3812-32-6	940	940	mg/kg	Y		SM 2320
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	General Chemistry	Chloride	16887-00-6	14	14	mg/kg	Y		EPA 300
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	General Chemistry	Hydroxide	14280-30-9	180		mg/kg	N	U	SM 2320
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	General Chemistry	Nitrate	14797-55-8	8	8	mg/kg	Y		EPA 300
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	7.971428571	7.971428571	mg/kg	Y		EPA 300
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	General Chemistry	ortho-Phosphate	11-36-9	4.1		mg/kg	N	U	EPA 300
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	General Chemistry	Sulfate	14808-79-8	58	58	mg/kg	Y		EPA 300
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Aluminum	7429-90-5	9400	9400	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Antimony	7440-36-0	0.52		mg/kg	N	UJ	EPA 6020
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Arsenic	7440-38-2	2.4	2.4	mg/kg	Y		EPA 6020
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Barium	7440-39-3	190	190	mg/kg	Y	J	EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Boron	7440-42-8	3.1	3.1	mg/kg	Y	J	EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Chromium (total)	7440-47-3	15	15	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Chromium VI	18540-29-9	0.42		mg/kg	N	U	EPA 7199
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Cobalt	7440-48-4	7.6	7.6	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Copper	7440-50-8	18	18	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Iron	7439-89-6	15000	15000	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Lead	7439-92-1	9.6	9.6	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Magnesium	7439-95-4	8800	8800	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Manganese	7439-96-5	560	560	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Mercury	7439-97-6	0.019	0.019	mg/kg	Y	J	EPA 7471
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Nickel	7440-02-0	16	16	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Palladium	7440-05-3	0.053		mg/kg	N	U	EPA 6020
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Phosphorus (total)	7723-14-0	1300	1300	mg/kg	Y	J	EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Selenium	7782-49-2	0.52		mg/kg	N	U	EPA 6020
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Silicon	7440-21-3	96	96	mg/kg	Y	J	EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Silver	7440-22-4	0.78		mg/kg	N	U	EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Strontium	7440-24-6	160	160	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Tungsten	7440-33-7	5.2		mg/kg	N	UJ	EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Uranium (total)	7440-61-1	0.77	0.77	mg/kg	Y		EPA 6020
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Zinc	7440-66-6	38	38	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Metals	Zirconium	7440-67-7	20	20	mg/kg	Y		EPA 6010
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	2,4'-DDE	3424-82-6	0.0019	0.0019	mg/kg	Y	J	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	4,4'-DDE	72-55-9	0.0027	0.0027	mg/kg	Y	J	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	4,4'-DDT	50-29-3	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	beta-BHC	319-85-7	0.0031	0.0031	mg/kg	Y	J	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	Hexachlorobenzene	118-74-1	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	Toxaphene	8001-35-2	0.052		mg/kg	N	U	EPA 8081
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	Organics	Phthalic acid	88-99-3	1.3		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	1-Methylnaphthalene	90-12-0	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	2-Methylnaphthalene	91-57-6	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	Acenaphthene	83-32-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	Acenaphthylene	208-96-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	Anthracene	120-12-7	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	Benzo(a)anthracene	56-55-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	Benzo(a)pyrene	50-32-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.0041		mg/kg	N	UJ	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	Chrysene	218-01-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0041		mg/kg	N	U	EPA 8270 SIM

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	Fluoranthene	206-44-0	0.0041		mg/kg	N	UJ	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	Fluorene	86-73-7	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	Naphthalene	91-20-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	Phenanthrene	85-01-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	Pyrene	129-00-0	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	Aroclor-1260	11096-82-5	0.018		mg/kg	N	U	EPA 8082
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.0000034	0.0000034	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.0000048	0.0000048	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.0000087	0.0000087	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.0000064		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000046		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.0000046		mg/kg	N	UJ	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000044		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.0000056	0.0000056	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.0000049		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000043		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.0000073	0.0000073	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000042		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.00000052		mg/kg	N	UJ	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.00000045		mg/kg	N	UJ	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00000084		mg/kg	N	UJ	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00000033		mg/kg	N	UJ	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.00000055	0.00000055	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.0000052	0.0000052	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.00000062	0.00000062	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.00000093		mg/kg	N	UJ	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000056	0.0000056	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.0000034	0.0000034	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.0000098	0.0000098	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000011		mg/kg	N	UJ	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.00000095		mg/kg	N	UJ	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.00000093	0.00000093	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000029		mg/kg	N	UJ	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.0000093	0.0000093	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000019		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.000001		mg/kg	N	UJ	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.0000084	0.0000084	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.0000011		mg/kg	N	UJ	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.0000011		mg/kg	N	UJ	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.000001		mg/kg	N	UJ	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.0000033	0.0000033	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.00000076	0.00000076	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.0000071	0.0000071	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.0000042	0.0000042	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.0000044	0.0000044	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.0000094	0.0000094	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.0000037		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.0000031		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.0000059	0.0000059	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.000003		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.0000095	0.0000095	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.00000095	0.00000095	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000009	0.000009	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0000027		mg/kg	N	U	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.00000088	0.00000088	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000015	0.000015	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.0000056	0.0000056	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.000002		mg/kg	N	UJ	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.0000094	0.0000094	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.000027	0.000027	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.0000066	0.0000066	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.0000024		mg/kg	N	UJ	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.0000038	0.0000038	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.0000078	0.0000078	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.000006	0.000006	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.0000038	0.0000038	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.0000047	0.0000047	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.0000089	0.0000089	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.000009	0.000009	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.0000095	0.0000095	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.000032	0.000032	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.0000093	0.0000093	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.0000047	0.0000047	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.0000036	0.0000036	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.000022	0.000022	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.0000055	0.0000055	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.00002	0.00002	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.0000027		mg/kg	N	UJ	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.000028	0.000028	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.000047	0.000047	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.000037	0.000037	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.000037	0.000037	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.000022	0.000022	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.000025	0.000025	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.000023	0.000023	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.000039	0.000039	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.000037	0.000037	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.0000049	0.0000049	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.000038	0.000038	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.000034	0.000034	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.00003	0.00003	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.000064	0.000064	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.000028	0.000028	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.000098	0.000098	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.000045	0.000045	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.00004	0.00004	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.000071	0.000071	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.000071	0.000071	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.000064	0.000064	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.00053	0.00053	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.00078	0.00078	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.00048	0.00048	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.0067	0.0067	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 107+124	PCB107+124	0.0000082	0.0000082	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 110+115	PCB110+115	0.000039	0.000039	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 12+13	PCB12+13	0.0000079	0.0000079	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 128+166	PCB128+166	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.000058	0.000058	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 134+143	PCB134+143	0.0000076	0.0000076	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 135+151	PCB135+151	0.000022	0.000022	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 139+140	PCB139+140	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 147+149	PCB147+149	0.000032	0.000032	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 153+168	PCB153+168	0.000045	0.000045	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 156+157	PCB156+157	0.000025	0.000025	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 171+173	PCB171+173	0.000067	0.000067	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 18+30	PCB18+30	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 180+193	PCB180+193	0.0001	0.0001	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 198+199	PCB198+199	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 20+28	PCB20+28	0.0000059	0.0000059	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 21+33	PCB21+33	0.0000057	0.0000057	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 26+29	PCB26+29	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 40+71	PCB40+71	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 49+69	PCB49+69	0.0000053	0.0000053	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 50+53	PCB50+53	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.0000055	0.0000055	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.000025	0.000025	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.000032	0.000032	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 88+91	PCB88+91	0.0000028		mg/kg	N	UJ	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.000025	0.000025	mg/kg	Y	J	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 93+100	PCB93+100	0.0000028		mg/kg	N	UJ	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	PCBs 98+102	PCB98+102	0.0000026		mg/kg	N	UJ	EPA 1668A
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	RAD	Radium-226	Ra-226	1.07	1.07	pCi/g	Y		EPA 903.0
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	RAD	Radium-228	Ra-228	1.17	1.17	pCi/g	Y		EPA 904.0
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	RAD	Thorium-228	Th-228	1.92	1.92	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	RAD	Thorium-230	Th-230	1.21	1.21	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	RAD	Thorium-232	Th-232	1.96	1.96	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	RAD	Uranium-234	U-234	0.847	0.847	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	RAD	Uranium-235	U-235	0.0496		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	RAD	Uranium-238	U-238	0.938	0.938	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.078		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.34		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.083		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.099		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	2-Chlorophenol	95-57-8	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	2-Methylphenol	95-48-7	0.083		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	2-Nitroaniline	88-74-4	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.078		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.088		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	4-Nitrophenol	100-02-7	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	Aniline	62-53-3	0.088		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	Benzidine	92-87-5	0.68		mg/kg	N	UJ	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	Benzoic acid	65-85-0	0.35		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	Benzyl alcohol	100-51-6	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.093		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.083		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	Dibenzofuran	132-64-9	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	Diethylphthalate	84-66-2	0.099		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	Dimethylphthalate	131-11-3	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.093		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.093		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	Isophorone	78-59-1	0.07		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	Nitrobenzene	98-95-3	0.073		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.073		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.083		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	Phenol	108-95-2	0.093		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	SVOCs	Pyridine	110-86-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	TPH	EFH (C10-C40)	EFH-C10-C40	3.6	3.6	mg/kg	Y	J	EPA 8015
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	2.6		mg/kg	N	U	EPA 8015
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.6		mg/kg	N	U	EPA 8015
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	UJ	EPA 8015
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	2,2-Dichloropropane	594-20-7	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	2-Butanone	78-93-3	0.0048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	2-Chlorotoluene	95-49-8	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	2-Hexanone	591-78-6	0.0048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	4-Chlorotoluene	106-43-4	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0024		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Acetone	67-64-1	0.0076		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Benzene	71-43-2	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Bromobenzene	108-86-1	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Bromochloromethane	74-97-5	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Bromodichloromethane	75-27-4	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Bromoform	75-25-2	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Bromomethane	74-83-9	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Carbon tetrachloride	56-23-5	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Chlorobenzene	108-90-7	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Chloroethane	75-00-3	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Chloroform	67-66-3	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Chloromethane	74-87-3	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Cumene	98-82-8	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Dibromochloromethane	124-48-1	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Dibromomethane	74-95-3	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Diisopropyl ether	108-20-3	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Ethyl benzene	100-41-4	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	m,p-Xylene	179601-23-1	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Methylene Chloride	75-09-2	0.0048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	n-Butylbenzene	104-51-8	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	n-Propylbenzene	103-65-1	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	o-Xylene	95-47-6	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	p-Cymene	99-87-6	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	sec-Butylbenzene	135-98-8	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Styrene	100-42-5	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	t-Amyl methyl ether	994-05-8	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	tert Butyl alcohol	75-65-0	0.0095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	tert-Butylbenzene	98-06-6	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Tetrachloroethene	127-18-4	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Toluene	108-88-3	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Trichloroethene	79-01-6	0.00048		mg/kg	N	UJ	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Trichlorofluoromethane	75-69-4	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	VOCs	Vinyl chloride	75-01-4	0.00095		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	PAHs	Naphthalene	91-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	2-Butanone	78-93-3	0.0051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	2-Hexanone	591-78-6	0.0051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Acetone	67-64-1	0.0081		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Benzene	71-43-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Bromodichloromethane	75-27-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Carbon tetrachloride	56-23-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Chlorobenzene	108-90-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Chloroform	67-66-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Cumene	98-82-8	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Dibromochloromethane	124-48-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Dibromomethane	74-95-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Ethyl benzene	100-41-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Methylene Chloride	75-09-2	0.0051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	n-Propylbenzene	103-65-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	o-Xylene	95-47-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	p-Cymene	99-87-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Styrene	100-42-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Tetrachloroethene	127-18-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Toluene	108-88-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Trichloroethene	79-01-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	PAHs	Naphthalene	91-20-3	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0019		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	2,2-Dichloropropane	594-20-7	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	2-Butanone	78-93-3	0.0048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	2-Chlorotoluene	95-49-8	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	2-Hexanone	591-78-6	0.0048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	4-Chlorotoluene	106-43-4	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0024		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Acetone	67-64-1	0.0077		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Benzene	71-43-2	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Bromobenzene	108-86-1	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Bromochloromethane	74-97-5	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Bromodichloromethane	75-27-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Bromoform	75-25-2	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Bromomethane	74-83-9	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Carbon tetrachloride	56-23-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Chlorobenzene	108-90-7	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Chloroethane	75-00-3	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Chloroform	67-66-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Chloromethane	74-87-3	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Cumene	98-82-8	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Dibromochloromethane	124-48-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Dibromomethane	74-95-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Diisopropyl ether	108-20-3	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Ethyl benzene	100-41-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	m,p-Xylene	179601-23-1	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Methylene Chloride	75-09-2	0.0048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	n-Butylbenzene	104-51-8	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	n-Propylbenzene	103-65-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	o-Xylene	95-47-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	p-Cymene	99-87-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	sec-Butylbenzene	135-98-8	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Styrene	100-42-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	t-Amyl methyl ether	994-05-8	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	tert Butyl alcohol	75-65-0	0.0096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	tert-Butylbenzene	98-06-6	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Tetrachloroethene	127-18-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Toluene	108-88-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Trichloroethene	79-01-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Trichlorofluoromethane	75-69-4	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-41	RISB-41-0.5-20141202-FD	0.5-1	FD	RISB-41-0.5-20141202	12/2/2014	VOCs	Vinyl chloride	75-01-4	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Chlorine Oxyanions	Chlorate	14866-68-3	8.5	8.5	mg/kg	Y	J	EPA 300.1
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	7.9	7.9	mg/kg	Y	J	EPA 314.0
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0088	0.0088	mg/kg	Y	J	EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00027	0.00027	mg/kg	Y		EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.003	0.003	mg/kg	Y	J	EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00026	0.00026	mg/kg	Y		EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0012	0.0012	mg/kg	Y		EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0014	0.0014	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000026	0.000026	mg/kg	Y		EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00084	0.00084	mg/kg	Y		EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000059	0.000059	mg/kg	Y		EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000098		mg/kg	N	U	EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00006	0.00006	mg/kg	Y		EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00054	0.00054	mg/kg	Y		EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000033	0.000033	mg/kg	Y		EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00024	0.00024	mg/kg	Y		EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00025	0.00025	mg/kg	Y		EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00026	0.00026	mg/kg	Y		EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000009	0.000009	mg/kg	Y		EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	HpCDD (total)	37871-00-4	0.00041	0.00041	mg/kg	Y		EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	HpCDF (total)	38998-75-3	0.0065	0.0065	mg/kg	Y	J	EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	HxCDD (total)	34465-46-8	0.00044	0.00044	mg/kg	Y		EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	HxCDF (total)	55684-94-1	0.0058	0.0058	mg/kg	Y		EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	PeCDD (total)	36088-22-9	0.00036	0.00036	mg/kg	Y		EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	PeCDF (total)	30402-15-4	0.0045	0.0045	mg/kg	Y		EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	TCDD (total)	41903-57-5	0.00028	0.00028	mg/kg	Y		EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	TCDF (total)	30402-14-3	0.0029	0.0029	mg/kg	Y		EPA 8290
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	18000	18000	mg/kg	Y		SM 2320
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Ammonia	7664-41-7	2.8	2.8	mg/kg	Y	J	SM 4500 NH3-D
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	20000	20000	mg/kg	Y		SM 2320
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Bromide	24959-67-9	3.6		mg/kg	N	U	EPA 300
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Carbonate as CO3	3812-32-6	920	920	mg/kg	Y		SM 2320
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Chloride	16887-00-6	410	410	mg/kg	Y		EPA 300
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Hydroxide	14280-30-9	170		mg/kg	N	U	SM 2320
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Nitrate	14797-55-8	64	64	mg/kg	Y		EPA 300
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	62	62	mg/kg	Y		EPA 300
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	ortho-Phosphate	11-36-9	4.1		mg/kg	N	U	EPA 300
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Sulfate	14808-79-8	290	290	mg/kg	Y		EPA 300
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Aluminum	7429-90-5	9800	9800	mg/kg	Y		EPA 6010
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Antimony	7440-36-0	0.51		mg/kg	N	UJ	EPA 6020
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Arsenic	7440-38-2	2.5	2.5	mg/kg	Y		EPA 6020
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Barium	7440-39-3	200	200	mg/kg	Y		EPA 6010
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Boron	7440-42-8	5.8	5.8	mg/kg	Y		EPA 6010
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Cadmium	7440-43-9	0.25		mg/kg	N	U	EPA 6010
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Chromium (total)	7440-47-3	13	13	mg/kg	Y		EPA 6010
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Chromium VI	18540-29-9	0.41		mg/kg	N	U	EPA 7199
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Cobalt	7440-48-4	7.7	7.7	mg/kg	Y		EPA 6010
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Copper	7440-50-8	19	19	mg/kg	Y		EPA 6010
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Iron	7439-89-6	16000	16000	mg/kg	Y		EPA 6010
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Lead	7439-92-1	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Magnesium	7439-95-4	8300	8300	mg/kg	Y		EPA 6010
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Manganese	7439-96-5	550	550	mg/kg	Y		EPA 6010
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Mercury	7439-97-6	0.035	0.035	mg/kg	Y	J	EPA 7471
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Nickel	7440-02-0	15	15	mg/kg	Y		EPA 6010
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Palladium	7440-05-3	0.054		mg/kg	N	U	EPA 6020
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Phosphorus (total)	7723-14-0	1000	1000	mg/kg	Y		EPA 6010
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Selenium	7782-49-2	0.51		mg/kg	N	U	EPA 6020
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Silicon	7440-21-3	120	120	mg/kg	Y	J	EPA 6010
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Silver	7440-22-4	0.76		mg/kg	N	U	EPA 6010
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Strontium	7440-24-6	160	160	mg/kg	Y		EPA 6010
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Sulfur	7704-34-9	410		mg/kg	N	UJ	EPA 6020
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Thallium	7440-28-0	0.25		mg/kg	N	U	EPA 6020
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Tungsten	7440-33-7	5.1		mg/kg	N	UJ	EPA 6010
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Uranium (total)	7440-61-1	0.89	0.89	mg/kg	Y		EPA 6020
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Zinc	7440-66-6	38	38	mg/kg	Y		EPA 6010
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Zirconium	7440-67-7	21	21	mg/kg	Y		EPA 6010
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	2,4'-DDE	3424-82-6	0.0044	0.0044	mg/kg	Y	J	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	4,4'-DDD	72-54-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	4,4'-DDE	72-55-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	4,4'-DDT	50-29-3	0.0046	0.0046	mg/kg	Y	J	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Aldrin	309-00-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	alpha-BHC	319-84-6	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	beta-BHC	319-85-7	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	delta-BHC	319-86-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Dieldrin	60-57-1	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Endosulfan I	959-98-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Endosulfan II	33213-65-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Endrin	72-20-8	0.0015		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Endrin aldehyde	7421-93-4	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	gamma-BHC	58-89-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	gamma-Chlordane	5103-74-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Hexachlorobenzene	118-74-1	0.071		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Methoxychlor	72-43-5	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Toxaphene	8001-35-2	0.052		mg/kg	N	U	EPA 8081
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	Organics	Phthalic acid	88-99-3	1.3		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	2-Methylnaphthalene	91-57-6	0.071		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Acenaphthene	83-32-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Acenaphthylene	208-96-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Anthracene	120-12-7	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Benzo(a)anthracene	56-55-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Benzo(a)pyrene	50-32-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Chrysene	218-01-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Fluoranthene	206-44-0	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Fluorene	86-73-7	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Naphthalene	91-20-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Phenanthrene	85-01-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Pyrene	129-00-0	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Aroclor-1260	11096-82-5	0.018		mg/kg	N	U	EPA 8082
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.000033	0.000033	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000012		mg/kg	N	U	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.00001		mg/kg	N	U	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.00001		mg/kg	N	U	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000096		mg/kg	N	U	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.000011		mg/kg	N	U	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000082		mg/kg	N	U	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000022	0.000022	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000092		mg/kg	N	U	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.000096	0.000096	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.00000089		mg/kg	N	U	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000061	0.0000061	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.0000057	0.0000057	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.0000018	0.0000018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.0000036	0.0000036	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.000023	0.000023	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.0000093	0.0000093	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.000041	0.000041	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000047	0.0000047	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.000003	0.000003	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.0000056	0.0000056	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.0000053	0.0000053	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.0000034	0.0000034	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.000001	0.000001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.0000061	0.0000061	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000029	0.000029	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000039		mg/kg	N	U	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.0000076	0.0000076	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.00003	0.00003	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.0000079	0.0000079	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.000008	0.000008	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.0000085	0.0000085	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.0000083	0.0000083	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.0000076	0.0000076	mg/kg	Y	J	EPA 1668A

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.000049	0.000049	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.0000067	0.0000067	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.0000033	0.0000033	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.000032	0.000032	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.000029	0.000029	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.000017	0.000017	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.000041	0.000041	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.000018		mg/kg	N	U	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.000015		mg/kg	N	U	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.000029	0.000029	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.000015		mg/kg	N	U	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.000037	0.000037	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.0000034	0.0000034	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000042	0.000042	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.000013		mg/kg	N	U	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000078	0.000078	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.0001	0.0001	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.000053	0.000053	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.000029	0.000029	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.00001		mg/kg	N	U	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.000038	0.000038	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.000099	0.000099	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.000035	0.000035	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.000019	0.000019	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.000037	0.000037	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.000025	0.000025	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.000062	0.000062	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.000048	0.000048	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.000055	0.000055	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.000058	0.000058	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.000076	0.000076	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.00005	0.00005	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.000047	0.000047	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.000046	0.000046	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.0000081	0.0000081	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.00006	0.00006	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.000077	0.000077	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.000066	0.000066	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.000067	0.000067	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.000053	0.000053	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.000068	0.000068	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.0001	0.0001	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.000029	0.000029	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.0001	0.0001	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.000018	0.000018	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.00007	0.00007	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.00022	0.00022	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.00018	0.00018	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.0001	0.0001	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.000071	0.000071	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.000079	0.000079	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.000072	0.000072	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.00018	0.00018	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.000089	0.000089	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.000029	0.000029	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.00015	0.00015	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.000096	0.000096	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.000083	0.000083	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.000093	0.000093	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.000068	0.000068	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.00064	0.00064	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.00048	0.00048	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.00021	0.00021	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.00056	0.00056	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.00018	0.00018	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.00032	0.00032	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.00037	0.00037	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.00028	0.00028	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.0024	0.0024	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.0036	0.0036	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.0023	0.0023	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.029	0.029	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 107+124	PCB107+124	0.00004	0.00004	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 110+115	PCB110+115	0.00019	0.00019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 12+13	PCB12+13	0.000034	0.000034	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 128+166	PCB128+166	0.000077	0.000077	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.00022	0.00022	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 134+143	PCB134+143	0.000037	0.000037	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 135+151	PCB135+151	0.000095	0.000095	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 139+140	PCB139+140	0.000058	0.000058	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 147+149	PCB147+149	0.00013	0.00013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 153+168	PCB153+168	0.00015	0.00015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 156+157	PCB156+157	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 171+173	PCB171+173	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 18+30	PCB18+30	0.0000057	0.0000057	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 180+193	PCB180+193	0.00039	0.00039	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 198+199	PCB198+199	0.00075	0.00075	mg/kg	Y		EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 20+28	PCB20+28	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 21+33	PCB21+33	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 26+29	PCB26+29	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 40+71	PCB40+71	0.000037	0.000037	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.000034	0.000034	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 49+69	PCB49+69	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 50+53	PCB50+53	0.000005	0.000005	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.000078	0.000078	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.000085	0.000085	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.00015	0.00015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 88+91	PCB88+91	0.000026	0.000026	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.00011	0.00011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 93+100	PCB93+100	0.000014		mg/kg	N	U	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 98+102	PCB98+102	0.000013		mg/kg	N	U	EPA 1668A
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	RAD	Radium-226	Ra-226	0.903	0.903	pCi/g	Y	J	EPA 903.0
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	RAD	Radium-228	Ra-228	1.07	1.07	pCi/g	Y	J	EPA 904.0
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	RAD	Thorium-228	Th-228	2.07	2.07	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	RAD	Thorium-230	Th-230	0.922	0.922	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	RAD	Thorium-232	Th-232	1.73	1.73	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	RAD	Uranium-234	U-234	0.856	0.856	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	RAD	Uranium-235	U-235	0.0235		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	RAD	Uranium-238	U-238	0.963	0.963	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.076		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.068		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	UJ	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.33		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.081		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.096		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.068		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2-Chlorophenol	95-57-8	0.071		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2-Methylphenol	95-48-7	0.081		mg/kg	N	UJ	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2-Nitroaniline	88-74-4	0.068		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2-Nitrophenol	88-75-5	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.13		mg/kg	N	UJ	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	3-Nitroaniline	99-09-2	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.076		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.071		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	4-Chloroaniline	106-47-8	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.086		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	4-Nitroaniline	100-01-6	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	4-Nitrophenol	100-02-7	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Aniline	62-53-3	0.086		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Benzoic acid	65-85-0	0.34		mg/kg	N	UJ	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Benzyl alcohol	100-51-6	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.071		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.091		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.081		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Dibenzofuran	132-64-9	0.068		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Diethylphthalate	84-66-2	0.096		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Dimethylphthalate	131-11-3	0.068		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.091		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.091		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.13		mg/kg	N	UJ	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Hexachloroethane	67-72-1	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Isophorone	78-59-1	0.068		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Nitrobenzene	98-95-3	0.071		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.071		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.081		mg/kg	N	UJ	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Octachlorostyrene	29082-74-4	2.3		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Pentachlorophenol	87-86-5	0.34		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Phenol	108-95-2	0.091		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	TPH	EFH (C10-C40)	EFH-C10-C40	2.9	2.9	mg/kg	Y	J	EPA 8015
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	2.6		mg/kg	N	U	EPA 8015
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.6		mg/kg	N	U	EPA 8015
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00047		mg/kg	N	UJ	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	2,2-Dichloropropane	594-20-7	0.00094		mg/kg	N	UJ	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	2-Butanone	78-93-3	0.0047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	2-Chlorotoluene	95-49-8	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	2-Hexanone	591-78-6	0.0047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	4-Chlorotoluene	106-43-4	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0024		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Acetone	67-64-1	0.0076		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Benzene	71-43-2	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Bromobenzene	108-86-1	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Bromochloromethane	74-97-5	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Bromodichloromethane	75-27-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Bromoform	75-25-2	0.00094		mg/kg	N	UJ	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Bromomethane	74-83-9	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Carbon tetrachloride	56-23-5	0.00047		mg/kg	N	UJ	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Chlorobenzene	108-90-7	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Chloroethane	75-00-3	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Chloroform	67-66-3	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Chloromethane	74-87-3	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Cumene	98-82-8	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Dibromochloromethane	124-48-1	0.00047		mg/kg	N	UJ	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Dibromomethane	74-95-3	0.00047		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.00094		mg/kg	N	UJ	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Diisopropyl ether	108-20-3	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Ethyl benzene	100-41-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.00094		mg/kg	N	UJ	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	m,p-Xylene	179601-23-1	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Methylene Chloride	75-09-2	0.0047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	n-Butylbenzene	104-51-8	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	n-Propylbenzene	103-65-1	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	o-Xylene	95-47-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	p-Cymene	99-87-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	sec-Butylbenzene	135-98-8	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Styrene	100-42-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	t-Amyl methyl ether	994-05-8	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	tert Butyl alcohol	75-65-0	0.0094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	tert-Butylbenzene	98-06-6	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Tetrachloroethene	127-18-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Toluene	108-88-3	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Trichloroethene	79-01-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Trichlorofluoromethane	75-69-4	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Vinyl chloride	75-01-4	0.00094		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.79	0.79	mg/kg	Y	J	EPA 300.1
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	1.8	1.8	mg/kg	Y	J	EPA 314.0
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0028	0.0028	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000092	0.000092	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0011	0.0011	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000085	0.000085	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00039	0.00039	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00027	0.00027	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000089	0.0000089	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00028	0.00028	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000021	0.000021	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000031		mg/kg	N	U	EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000021	0.000021	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00019	0.00019	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000062	0.000062	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000087	0.000087	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000078	0.000078	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000028	0.0000028	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	HpCDD (total)	37871-00-4	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	HpCDF (total)	38998-75-3	0.0023	0.0023	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	HxCDD (total)	34465-46-8	0.00015	0.00015	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	HxCDF (total)	55684-94-1	0.0017	0.0017	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	PeCDD (total)	36088-22-9	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	PeCDF (total)	30402-15-4	0.0016	0.0016	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	TCDD (total)	41903-57-5	0.000097	0.000097	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Dioxins	TCDF (total)	30402-14-3	0.001	0.001	mg/kg	Y		EPA 8290
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	19000	19000	mg/kg	Y		SM 2320
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Ammonia	7664-41-7	2.5		mg/kg	N	U	SM 4500 NH3-D
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	21000	21000	mg/kg	Y		SM 2320
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Bromide	24959-67-9	3.6		mg/kg	N	U	EPA 300
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Carbonate as CO3	3812-32-6	910	910	mg/kg	Y		SM 2320
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Chloride	16887-00-6	110	110	mg/kg	Y		EPA 300
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Hydroxide	14280-30-9	170		mg/kg	N	U	SM 2320
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Nitrate	14797-55-8	20	20	mg/kg	Y		EPA 300
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	20.37142857	20.37142857	mg/kg	Y		EPA 300
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	ortho-Phosphate	11-36-9	4.2		mg/kg	N	U	EPA 300
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	General Chemistry	Sulfate	14808-79-8	130	130	mg/kg	Y		EPA 300
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Aluminum	7429-90-5	9500	9500	mg/kg	Y		EPA 6010
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Antimony	7440-36-0	0.51		mg/kg	N	UJ	EPA 6020
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Arsenic	7440-38-2	2.5	2.5	mg/kg	Y		EPA 6020
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Barium	7440-39-3	200	200	mg/kg	Y		EPA 6010
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Boron	7440-42-8	3.7	3.7	mg/kg	Y	J	EPA 6010
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Chromium (total)	7440-47-3	13	13	mg/kg	Y		EPA 6010
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Chromium VI	18540-29-9	0.41		mg/kg	N	U	EPA 7199
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Cobalt	7440-48-4	7.2	7.2	mg/kg	Y		EPA 6010
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Copper	7440-50-8	18	18	mg/kg	Y		EPA 6010
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Iron	7439-89-6	15000	15000	mg/kg	Y		EPA 6010
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Lead	7439-92-1	9.9	9.9	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Magnesium	7439-95-4	7300	7300	mg/kg	Y		EPA 6010
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Manganese	7439-96-5	460	460	mg/kg	Y		EPA 6010
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Mercury	7439-97-6	0.4	0.4	mg/kg	Y	J	EPA 7471
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Nickel	7440-02-0	15	15	mg/kg	Y		EPA 6010
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Palladium	7440-05-3	0.048		mg/kg	N	U	EPA 6020
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Phosphorus (total)	7723-14-0	1100	1100	mg/kg	Y		EPA 6010
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Selenium	7782-49-2	0.51		mg/kg	N	U	EPA 6020
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Silicon	7440-21-3	120	120	mg/kg	Y	J	EPA 6010
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Silver	7440-22-4	0.77		mg/kg	N	U	EPA 6010
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Strontium	7440-24-6	160	160	mg/kg	Y		EPA 6010
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Sulfur	7704-34-9	360		mg/kg	N	UJ	EPA 6020
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Tungsten	7440-33-7	5.1		mg/kg	N	UJ	EPA 6010
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Uranium (total)	7440-61-1	1.1	1.1	mg/kg	Y		EPA 6020
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Zinc	7440-66-6	34	34	mg/kg	Y		EPA 6010
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Metals	Zirconium	7440-67-7	20	20	mg/kg	Y		EPA 6010
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	2,4'-DDE	3424-82-6	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	4,4'-DDD	72-54-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	4,4'-DDE	72-55-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	4,4'-DDT	50-29-3	0.0042	0.0042	mg/kg	Y	J	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Aldrin	309-00-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	alpha-BHC	319-84-6	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	alpha-Chlordane	5103-71-9	0.002		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	beta-BHC	319-85-7	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	delta-BHC	319-86-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Dieldrin	60-57-1	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Endosulfan I	959-98-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Endosulfan II	33213-65-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Endosulfan sulfate	1031-07-8	0.002		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Endrin	72-20-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Endrin aldehyde	7421-93-4	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Endrin ketone	53494-70-5	0.002		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	gamma-BHC	58-89-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	gamma-Chlordane	5103-74-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Heptachlor	76-44-8	0.002		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Heptachlor epoxide	1024-57-3	0.002		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Hexachlorobenzene	118-74-1	0.072		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Methoxychlor	72-43-5	0.0015		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Toxaphene	8001-35-2	0.051		mg/kg	N	U	EPA 8081
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	Organics	Phthalic acid	88-99-3	1.3		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	2-Methylnaphthalene	91-57-6	0.072		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Acenaphthene	83-32-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Acenaphthylene	208-96-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Anthracene	120-12-7	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Benzo(a)anthracene	56-55-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Benzo(a)pyrene	50-32-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Chrysene	218-01-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Fluoranthene	206-44-0	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Fluorene	86-73-7	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Naphthalene	91-20-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Phenanthrene	85-01-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Pyrene	129-00-0	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Aroclor-1260	11096-82-5	0.017		mg/kg	N	U	EPA 8082
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.000037	0.000037	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.00002	0.00002	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.0000045	0.0000045	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000022		mg/kg	N	U	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.0000062	0.0000062	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000021		mg/kg	N	U	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.0000094	0.0000094	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.0000024		mg/kg	N	U	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.000002		mg/kg	N	U	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.0000094	0.0000094	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000021		mg/kg	N	U	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.00000038	0.00000038	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00000074		mg/kg	N	U	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00000042	0.00000042	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.00000039	0.00000039	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.00000059	0.00000059	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.00000087	0.00000087	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000059	0.0000059	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.00000089	0.00000089	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.00000092	0.00000092	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000044	0.00000044	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.00000091	0.00000091	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.0000065	0.0000065	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000011		mg/kg	N	U	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.0000057	0.0000057	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.0000033	0.0000033	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.00000057	0.00000057	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.0000085	0.0000085	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.0000064	0.0000064	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.0000034	0.0000034	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.0000044	0.0000044	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.0000047		mg/kg	N	U	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.0000051	0.0000051	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.000004		mg/kg	N	U	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.0000072	0.0000072	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.0000038		mg/kg	N	U	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.0000093	0.0000093	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.00000088	0.00000088	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0000034		mg/kg	N	U	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.0000008	0.0000008	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000019	0.000019	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.000021	0.000021	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.000007	0.000007	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.0000026		mg/kg	N	U	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.0000084	0.0000084	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.000025	0.000025	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.0000095	0.0000095	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0000033	0.0000033	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.0000032	0.0000032	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.0000044	0.0000044	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.0000092	0.0000092	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.000008	0.000008	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.0000049	0.0000049	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.0000046	0.0000046	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.000022	0.000022	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.000011	0.000011	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.0000025	0.0000025	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.000038	0.000038	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.0000046	0.0000046	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.000021	0.000021	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.000025	0.000025	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.0000069	0.0000069	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.000028	0.000028	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.0000064	0.0000064	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.000032	0.000032	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.000067	0.000067	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.000044	0.000044	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.000049	0.000049	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.000026	0.000026	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.000026	0.000026	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.000034	0.000034	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.000021	0.000021	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.00002	0.00002	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.000033	0.000033	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.000051	0.000051	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.000046	0.000046	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.000021	0.000021	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.0000073	0.0000073	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.000049	0.000049	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.000051	0.000051	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.000028	0.000028	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.000028	0.000028	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.00009	0.00009	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.000037	0.000037	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.000064	0.000064	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.00005	0.00005	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.0001	0.0001	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.000098	0.000098	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.000087	0.000087	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.00076	0.00076	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.001	0.001	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.00067	0.00067	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.0091	0.0091	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 107+124	PCB107+124	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 110+115	PCB110+115	0.000046	0.000046	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 12+13	PCB12+13	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 128+166	PCB128+166	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.000062	0.000062	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 134+143	PCB134+143	0.0000081	0.0000081	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 135+151	PCB135+151	0.000023	0.000023	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 139+140	PCB139+140	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 147+149	PCB147+149	0.000032	0.000032	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 153+168	PCB153+168	0.000044	0.000044	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 156+157	PCB156+157	0.000033	0.000033	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 171+173	PCB171+173	0.000036	0.000036	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 18+30	PCB18+30	0.0000018	0.0000018	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 180+193	PCB180+193	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 198+199	PCB198+199	0.00022	0.00022	mg/kg	Y		EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 20+28	PCB20+28	0.0000049	0.0000049	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 21+33	PCB21+33	0.0000047	0.0000047	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 26+29	PCB26+29	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 40+71	PCB40+71	0.0000081	0.0000081	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.0000079	0.0000079	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 49+69	PCB49+69	0.0000038	0.0000038	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 50+53	PCB50+53	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.0000046	0.0000046	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.000016	0.000016	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.000036	0.000036	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 88+91	PCB88+91	0.0000059	0.0000059	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.000026	0.000026	mg/kg	Y	J	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 93+100	PCB93+100	0.0000036		mg/kg	N	U	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	PCBs 98+102	PCB98+102	0.0000033		mg/kg	N	U	EPA 1668A
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	RAD	Radium-226	Ra-226	1.17	1.17	pCi/g	Y		EPA 903.0
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	RAD	Radium-228	Ra-228	1.25	1.25	pCi/g	Y		EPA 904.0
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	RAD	Thorium-228	Th-228	1.45	1.45	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	RAD	Thorium-230	Th-230	0.981	0.981	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	RAD	Thorium-232	Th-232	1.66	1.66	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	RAD	Uranium-234	U-234	0.805	0.805	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	RAD	Uranium-235	U-235	0.0667	0.0667	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	RAD	Uranium-238	U-238	1.04	1.04	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.077		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.34		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.082		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.098		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2-Chlorophenol	95-57-8	0.072		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2-Methylphenol	95-48-7	0.082		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2-Nitroaniline	88-74-4	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.077		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.072		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.087		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	4-Nitrophenol	100-02-7	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Aniline	62-53-3	0.087		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Benzidine	92-87-5	0.68		mg/kg	N	UJ	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Benzoic acid	65-85-0	0.35		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Benzyl alcohol	100-51-6	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.072		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.092		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.082		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Dibenzofuran	132-64-9	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Diethylphthalate	84-66-2	0.098		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Dimethylphthalate	131-11-3	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.092		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.092		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Isophorone	78-59-1	0.069		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Nitrobenzene	98-95-3	0.072		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.072		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.082		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Phenol	108-95-2	0.092		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	TPH	EFH (C10-C40)	EFH-C10-C40	18	18	mg/kg	Y		EPA 8015
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	12	12	mg/kg	Y		EPA 8015
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	5.3	5.3	mg/kg	Y		EPA 8015
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00096		mg/kg	N	U	EPA 8260

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0019		mg/kg	N	UJ	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	2,2-Dichloropropane	594-20-7	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	2-Butanone	78-93-3	0.0048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	2-Chlorotoluene	95-49-8	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	2-Hexanone	591-78-6	0.0048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	4-Chlorotoluene	106-43-4	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0024		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Acetone	67-64-1	0.0077		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Benzene	71-43-2	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Bromobenzene	108-86-1	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Bromochloromethane	74-97-5	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Bromodichloromethane	75-27-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Bromoform	75-25-2	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Bromomethane	74-83-9	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Carbon tetrachloride	56-23-5	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Chlorobenzene	108-90-7	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Chloroethane	75-00-3	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Chloroform	67-66-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Chloromethane	74-87-3	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Cumene	98-82-8	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Dibromochloromethane	124-48-1	0.00048		mg/kg	N	UJ	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Dibromomethane	74-95-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Diisopropyl ether	108-20-3	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Ethyl benzene	100-41-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.00096		mg/kg	N	UJ	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	m,p-Xylene	179601-23-1	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Methylene Chloride	75-09-2	0.0048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	n-Butylbenzene	104-51-8	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	n-Propylbenzene	103-65-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	o-Xylene	95-47-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	p-Cymene	99-87-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	sec-Butylbenzene	135-98-8	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Styrene	100-42-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	t-Amyl methyl ether	994-05-8	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	tert Butyl alcohol	75-65-0	0.0096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	tert-Butylbenzene	98-06-6	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Tetrachloroethene	127-18-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Toluene	108-88-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Trichloroethene	79-01-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Trichlorofluoromethane	75-69-4	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	VOCs	Vinyl chloride	75-01-4	0.00096		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	PAHs	Naphthalene	91-20-3	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.14		mg/kg	N	U	EPA 8015
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0021		mg/kg	N	UJ	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00052		mg/kg	N	U	EPA 8260

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Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	2-Butanone	78-93-3	0.0052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	2-Hexanone	591-78-6	0.0052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0026		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Acetone	67-64-1	0.0084		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Benzene	71-43-2	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Bromodichloromethane	75-27-4	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Carbon tetrachloride	56-23-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Chlorobenzene	108-90-7	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Chloroform	67-66-3	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Cumene	98-82-8	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Dibromochloromethane	124-48-1	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Dibromomethane	74-95-3	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Ethyl benzene	100-41-4	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Methylene Chloride	75-09-2	0.0052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	n-Propylbenzene	103-65-1	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	o-Xylene	95-47-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	p-Cymene	99-87-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Styrene	100-42-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Tetrachloroethene	127-18-4	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Toluene	108-88-3	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00052		mg/kg	N	UJ	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Trichloroethene	79-01-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-48	RISB-48-0.5-20141202	0.5-1	N	--	12/2/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Chlorine Oxyanions	Chlorate	14866-68-3	0.43	0.43	mg/kg	Y		EPA 300.1
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Chlorine Oxyanions	Perchlorate	14797-73-0	15	15	mg/kg	Y	J	EPA 314.0
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Alkalinity (as CaCO3)	ALKA	2600	2600	mg/kg	Y		SM 2320
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Ammonia	7664-41-7	16	16	mg/kg	Y		SM 4500 NH3-D
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	1300	1300	mg/kg	Y	J+	SM 2320
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Bromide	24959-67-9	3.6		mg/kg	N	U	EPA 300
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Carbonate as CO3	3812-32-6	930	930	mg/kg	Y		SM 2320
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Chloride	16887-00-6	61	61	mg/kg	Y	J	EPA 300
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Hydroxide	14280-30-9	180		mg/kg	N	U	SM 2320
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Nitrate	14797-55-8	34	34	mg/kg	Y		EPA 300
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Nitrate/Nitrite	NO3/NO2	34.1	34.1	mg/kg	Y		CALC_ANION
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	General Chemistry	Sulfate	14808-79-8	150	150	mg/kg	Y	J	EPA 300
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Antimony	7440-36-0	0.18		mg/kg	N	U	EPA 6020
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Arsenic	7440-38-2	6.8	6.8	mg/kg	Y	J	EPA 6020
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Barium	7440-39-3	87	87	mg/kg	Y	J	EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Boron	7440-42-8	11	11	mg/kg	Y		EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Cadmium	7440-43-9	0.39	0.39	mg/kg	Y	J	EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Chromium (total)	7440-47-3	7.8	7.8	mg/kg	Y		EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Chromium VI	18540-29-9	0.16		mg/kg	N	U	EPA 7199
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Cobalt	7440-48-4	2.4	2.4	mg/kg	Y		EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Copper	7440-50-8	49	49	mg/kg	Y		EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Iron	7439-89-6	20000	20000	mg/kg	Y		EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Lead	7439-92-1	14	14	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Magnesium	7439-95-4	1900	1900	mg/kg	Y	J	EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Manganese	7439-96-5	220	220	mg/kg	Y	J	EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Mercury	7439-97-6	0.012		mg/kg	N	U	EPA 7471
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Molybdenum	7439-98-7	2.5	2.5	mg/kg	Y		EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Nickel	7440-02-0	3.7	3.7	mg/kg	Y		EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Niobium	7440-03-1	1.1		mg/kg	N	U	EPA 6020
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Phosphorus (total)	7723-14-0	390	390	mg/kg	Y		EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Selenium	7782-49-2	1.5	1.5	mg/kg	Y		EPA 6020
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Silver	7440-22-4	0.92		mg/kg	N	U	EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Strontium	7440-24-6	79	79	mg/kg	Y	J	EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Sulfur	7704-34-9	290	290	mg/kg	Y	J+	EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Thallium	7440-28-0	0.18		mg/kg	N	U	EPA 6020
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Tungsten	7440-33-7	2.6		mg/kg	N	UJ	EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Vanadium	7440-62-2	26	26	mg/kg	Y		EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218	0.5-1	N	--	12/18/2018	Metals	Zirconium	7440-67-7	5.2		mg/kg	N	U	EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Chlorine Oxyanions	Chlorate	14866-68-3	0.43	0.43	mg/kg	Y		EPA 300.1
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Chlorine Oxyanions	Perchlorate	14797-73-0	5.4	5.4	mg/kg	Y	J	EPA 314.0
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	General Chemistry	Alkalinity (as CaCO3)	ALKA	2600	2600	mg/kg	Y		SM 2320
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	General Chemistry	Ammonia	7664-41-7	15	15	mg/kg	Y		SM 4500 NH3-D
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	1300	1300	mg/kg	Y	J+	SM 2320
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	General Chemistry	Bromide	24959-67-9	3.6		mg/kg	N	U	EPA 300
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	General Chemistry	Carbonate as CO3	3812-32-6	930	930	mg/kg	Y		SM 2320
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	General Chemistry	Chloride	16887-00-6	27	27	mg/kg	Y	J	EPA 300
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	General Chemistry	Hydroxide	14280-30-9	180		mg/kg	N	U	SM 2320
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	General Chemistry	Nitrate	14797-55-8	25	25	mg/kg	Y		EPA 300
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	General Chemistry	Nitrate/Nitrite	NO3/NO2	24.8	24.8	mg/kg	Y		CALC_ANION
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	General Chemistry	Sulfate	14808-79-8	75	75	mg/kg	Y	J	EPA 300
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Antimony	7440-36-0	0.45		mg/kg	N	U	EPA 6020
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Arsenic	7440-38-2	13	13	mg/kg	Y	J	EPA 6020
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Barium	7440-39-3	100	100	mg/kg	Y	J	EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Boron	7440-42-8	10	10	mg/kg	Y		EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Cadmium	7440-43-9	0.43	0.43	mg/kg	Y	J	EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Chromium (total)	7440-47-3	9.7	9.7	mg/kg	Y		EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Chromium VI	18540-29-9	0.15		mg/kg	N	U	EPA 7199
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Cobalt	7440-48-4	3.4	3.4	mg/kg	Y		EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Copper	7440-50-8	57	57	mg/kg	Y		EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Iron	7439-89-6	22000	22000	mg/kg	Y		EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Lead	7439-92-1	15	15	mg/kg	Y		EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Magnesium	7439-95-4	2300	2300	mg/kg	Y	J	EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Manganese	7439-96-5	270	270	mg/kg	Y	J	EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Mercury	7439-97-6	0.015	0.015	mg/kg	Y	J	EPA 7471
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Molybdenum	7439-98-7	3.2	3.2	mg/kg	Y		EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Nickel	7440-02-0	4.6	4.6	mg/kg	Y		EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Niobium	7440-03-1	2.7		mg/kg	N	U	EPA 6020
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Phosphorus (total)	7723-14-0	410	410	mg/kg	Y		EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Selenium	7782-49-2	2.5	2.5	mg/kg	Y		EPA 6020
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Silver	7440-22-4	0.92		mg/kg	N	U	EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Strontium	7440-24-6	89	89	mg/kg	Y	J	EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Sulfur	7704-34-9	320	320	mg/kg	Y	J+	EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Thallium	7440-28-0	0.45		mg/kg	N	U	EPA 6020
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Tungsten	7440-33-7	2.6		mg/kg	N	UJ	EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Vanadium	7440-62-2	29	29	mg/kg	Y		EPA 6010
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5-1	FD	RISB-5-0.5-20181218	12/18/2018	Metals	Zirconium	7440-67-7	5.2		mg/kg	N	U	EPA 6010
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	PAHs	Naphthalene	91-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	1,1-Dichloroethane	75-34-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	1,1-Dichloroethene	75-35-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	1,1-Dichloropropene	563-58-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	1,2-Dibromoethane	106-93-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	1,2-Dichloroethane	107-06-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	1,2-Dichloropropane	78-87-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.0005		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	1,3-Dichloropropane	142-28-9	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	2-Butanone	78-93-3	0.005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	2-Hexanone	591-78-6	0.005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Acetone	67-64-1	0.0098	0.0098	mg/kg	Y	J	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Benzene	71-43-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Bromodichloromethane	75-27-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Carbon tetrachloride	56-23-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Chlorobenzene	108-90-7	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Chloroform	67-66-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Cumene	98-82-8	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Dibromochloromethane	124-48-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Dibromomethane	74-95-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Ethyl benzene	100-41-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Methylene Chloride	75-09-2	0.005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	n-Propylbenzene	103-65-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	o-Xylene	95-47-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	p-Cymene	99-87-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Styrene	100-42-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Tetrachloroethene	127-18-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Toluene	108-88-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Trichloroethene	79-01-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-53	RISB-53-0.5-20141106	0.5-1	N	--	11/6/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	PAHs	Naphthalene	91-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	2-Butanone	78-93-3	0.0051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	2-Hexanone	591-78-6	0.0051		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0026		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Acetone	67-64-1	0.0082		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Benzene	71-43-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Bromodichloromethane	75-27-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Carbon tetrachloride	56-23-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Chlorobenzene	108-90-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Chloroform	67-66-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Cumene	98-82-8	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Dibromochloromethane	124-48-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Dibromomethane	74-95-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Ethyl benzene	100-41-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	m,p-Xylene	179601-23-1	0.0023	0.0023	mg/kg	Y		EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Methylene Chloride	75-09-2	0.0051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	n-Propylbenzene	103-65-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	o-Xylene	95-47-6	0.00074	0.00074	mg/kg	Y	J	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	p-Cymene	99-87-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Styrene	100-42-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Tetrachloroethene	127-18-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Toluene	108-88-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Trichloroethene	79-01-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-54	RISB-54-0.5-20141117	0.5-1	N	--	11/17/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	PAHs	Naphthalene	91-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	1,1-Dichloroethane	75-34-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	1,1-Dichloroethene	75-35-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	1,1-Dichloropropene	563-58-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	1,2-Dibromoethane	106-93-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	1,2-Dichloroethane	107-06-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	1,2-Dichloropropane	78-87-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	1,3-Dichloropropane	142-28-9	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	2-Butanone	78-93-3	0.005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	2-Hexanone	591-78-6	0.005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Acetone	67-64-1	0.008		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Benzene	71-43-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Bromodichloromethane	75-27-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Carbon tetrachloride	56-23-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Chlorobenzene	108-90-7	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Chloroform	67-66-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Cumene	98-82-8	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Dibromochloromethane	124-48-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Dibromomethane	74-95-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Ethyl benzene	100-41-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Methylene Chloride	75-09-2	0.005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	n-Propylbenzene	103-65-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	o-Xylene	95-47-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	p-Cymene	99-87-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Styrene	100-42-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Tetrachloroethene	127-18-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Toluene	108-88-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Trichloroethene	79-01-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RISB-55	RISB-55-0.5-20141114	0.5-1	N	--	11/14/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.81	0.81	mg/kg	Y		EPA 300.1
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	2.4	2.4	mg/kg	Y		EPA 314.0
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.001	0.001	mg/kg	Y		EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000035	0.000035	mg/kg	Y		EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00039	0.00039	mg/kg	Y		EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000032	0.000032	mg/kg	Y		EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00018	0.00018	mg/kg	Y		EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000036	0.0000036	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000094	0.000094	mg/kg	Y		EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000085	0.0000085	mg/kg	Y		EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000013	0.000013	mg/kg	Y	J-	EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000069	0.0000069	mg/kg	Y		EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000069	0.000069	mg/kg	Y		EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000051	0.0000051	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000021	0.000021	mg/kg	Y		EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000036	0.000036	mg/kg	Y		EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000034	0.000034	mg/kg	Y		EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000016	0.0000016	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	HpCDD (total)	37871-00-4	0.000047	0.000047	mg/kg	Y		EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	HpCDF (total)	38998-75-3	0.0008	0.0008	mg/kg	Y		EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	HxCDD (total)	34465-46-8	0.000059	0.000059	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	HxCDF (total)	55684-94-1	0.00068	0.00068	mg/kg	Y	J-	EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	PeCDD (total)	36088-22-9	0.000061	0.000061	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	PeCDF (total)	30402-15-4	0.00063	0.00063	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	TCDD (total)	41903-57-5	0.000046	0.000046	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Dioxins	TCDF (total)	30402-14-3	0.00041	0.00041	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	13000	13000	mg/kg	Y		SM 2320
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	General Chemistry	Ammonia	7664-41-7	2.8	2.8	mg/kg	Y	J	SM 4500 NH3-D
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	16000	16000	mg/kg	Y		SM 2320
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	General Chemistry	Bromide	24959-67-9	3.8		mg/kg	N	U	EPA 300
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	General Chemistry	Carbonate as CO3	3812-32-6	82		mg/kg	N	U	SM 2320
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	General Chemistry	Chloride	16887-00-6	9.2	9.2	mg/kg	Y		EPA 300
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	General Chemistry	Hydroxide	14280-30-9	46		mg/kg	N	U	SM 2320
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	General Chemistry	Nitrate	14797-55-8	6.3	6.3	mg/kg	Y		EPA 300
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	6.2	6.2	mg/kg	Y	J	EPA 300
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	General Chemistry	Sulfate	14808-79-8	67	67	mg/kg	Y		EPA 300

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Aluminum	7429-90-5	10000	10000	mg/kg	Y		EPA 6010
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Antimony	7440-36-0	0.54		mg/kg	N	UJ	EPA 6020
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Arsenic	7440-38-2	3.2	3.2	mg/kg	Y		EPA 6020
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Barium	7440-39-3	210	210	mg/kg	Y	J-	EPA 6010
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Boron	7440-42-8	7.1	7.1	mg/kg	Y		EPA 6010
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Cadmium	7440-43-9	0.27		mg/kg	N	U	EPA 6010
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Chromium (total)	7440-47-3	13	13	mg/kg	Y		EPA 6010
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Chromium VI	18540-29-9	0.44		mg/kg	N	U	EPA 7199
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Cobalt	7440-48-4	7.1	7.1	mg/kg	Y		EPA 6010
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Copper	7440-50-8	25	25	mg/kg	Y		EPA 6010
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Iron	7439-89-6	15000	15000	mg/kg	Y		EPA 6010
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Lead	7439-92-1	8.8	8.8	mg/kg	Y		EPA 6010
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Magnesium	7439-95-4	11000	11000	mg/kg	Y		EPA 6010
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Manganese	7439-96-5	380	380	mg/kg	Y		EPA 6010
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Mercury	7439-97-6	0.029	0.029	mg/kg	Y		EPA 7471
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Molybdenum	7439-98-7	1.5	1.5	mg/kg	Y	J	EPA 6010
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Nickel	7440-02-0	14	14	mg/kg	Y		EPA 6010
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Niobium	7440-03-1	2.1		mg/kg	N	UJ	EPA 6020
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Palladium	7440-05-3	0.06		mg/kg	N	U	EPA 6020
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Phosphorus (total)	7723-14-0	840	840	mg/kg	Y		EPA 6010
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Selenium	7782-49-2	0.54		mg/kg	N	U	EPA 6020
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Silicon	7440-21-3	95	95	mg/kg	Y	J-	EPA 6010
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Silver	7440-22-4	0.82		mg/kg	N	U	EPA 6010
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Strontium	7440-24-6	340	340	mg/kg	Y	J	EPA 6010
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Sulfur	7704-34-9	970	970	mg/kg	Y	J	EPA 6020
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Thallium	7440-28-0	0.27		mg/kg	N	U	EPA 6020
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Tungsten	7440-33-7	5.4		mg/kg	N	UJ	EPA 6010
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Uranium (total)	7440-61-1	0.84	0.84	mg/kg	Y		EPA 6020
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Zinc	7440-66-6	35	35	mg/kg	Y		EPA 6010
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	Metals	Zirconium	7440-67-7	24	24	mg/kg	Y		EPA 6010
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OCPs	Hexachlorobenzene	118-74-1	0.075		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Chlorpyrifos	2921-88-2	0.0065		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Coumaphos	56-72-4	0.0028		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Dasanit	115-90-2	0.0082		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Demeton (O + S)	8065-48-3	0.0076		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Demeton-O	298-03-3	0.0054		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Demeton-S	126-75-0	0.0049		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Diazinon	333-41-5	0.0074		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Dichlorovos	62-73-7	0.0075		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Dimethoate	60-51-5	0.0072		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Disulfoton	298-04-4	0.0078		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	EPN	2104-64-5	0.0037		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Ethoprop	13194-48-4	0.005		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Famphur	52-85-7	0.0033		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Fenthion	55-38-9	0.0088		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Guthion	86-50-0	0.0035		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Malathion	121-75-5	0.0047		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Merphos	150-50-5	0.0052		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Methyl parathion	298-00-0	0.0064		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Mevinphos	7786-34-7	0.0047		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Naled	300-76-5	0.23		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Parathion	56-38-2	0.0054		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Phorate	298-02-2	0.0058		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Prothiophos	34643-46-4	0.004		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Ronnel	299-84-3	0.015		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Simazine	122-34-9	0.022		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Stirophos	22248-79-9	0.0044		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Sulfotepp	3689-24-5	0.0063		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Sulprofos	35400-43-2	0.0043		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Thionazin	297-97-2	0.0056		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	OPPs	Trichloronate	327-98-0	0.0063		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	1-Methylnaphthalene	90-12-0	0.16		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	2-Methylnaphthalene	91-57-6	0.075		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	Acenaphthene	83-32-9	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	Acenaphthylene	208-96-8	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	Anthracene	120-12-7	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	Benzo(a)anthracene	56-55-3	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	Benzo(a)pyrene	50-32-8	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	Chrysene	218-01-9	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0044		mg/kg	N	U	EPA 8270 SIM

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	Fluoranthene	206-44-0	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	Fluorene	86-73-7	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	Naphthalene	91-20-3	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	Phenanthrene	85-01-8	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	Pyrene	129-00-0	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	Aroclor-1260	11096-82-5	0.018		mg/kg	N	U	EPA 8082
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.000003	0.000003	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.0000077		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000038		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.0000038		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000037		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.0000036		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.0000041		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000048		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.0000078	0.0000078	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000035		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.000026	0.000026	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.000006	0.000006	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000044	0.0000044	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.0000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00000067	0.00000067	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.0000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.0000052	0.0000052	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.0000016		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000073	0.0000073	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000019		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.0000049	0.0000049	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.0000043	0.0000043	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.0000046	0.0000046	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.0000093	0.0000093	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000066	0.000066	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000032	0.00000032	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.0000052	0.0000052	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.000035	0.000035	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.000029	0.000029	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.000065	0.000065	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.0000029	0.0000029	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.0000042	0.0000042	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.000015	0.000015	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.0000033	0.0000033	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.0000064	0.0000064	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.0000025	0.0000025	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.0000036	0.0000036	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.000011		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.000027	0.000027	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.0000091		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.0000087		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.0000021	0.0000021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000026	0.000026	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0000077		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000031	0.000031	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.000023	0.000023	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.0000064	0.0000064	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.0000059		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.0000078	0.0000078	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.000063	0.000063	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.0000065	0.0000065	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0000058		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.000007		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.0000067		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.0000091	0.0000091	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.0000067		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.000039	0.000039	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.0000087		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.0000081		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.000063	0.000063	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.0000079		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.000035	0.000035	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.0000055		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.000096	0.000096	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.0000073		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.000005		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.0000053		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.0000058		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.00006	0.00006	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.0000057		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.000053	0.000053	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.0000066		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.000033	0.000033	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.000004	0.000004	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.00037	0.00037	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0001	0.0001	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.00034	0.00034	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.000037	0.000037	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.000043	0.000043	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.000062	0.000062	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.0001	0.0001	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.000029	0.000029	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.000039	0.000039	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.0000043	0.0000043	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.00033	0.00033	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.000037	0.000037	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.000088	0.000088	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.000031	0.000031	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.000071	0.000071	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.000066	0.000066	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.000039	0.000039	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.000079	0.000079	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.00004	0.00004	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.000049	0.000049	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.000053	0.000053	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.00033	0.00033	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.00042	0.00042	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.0036	0.0036	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 107+124	PCB107+124	0.0000085	0.0000085	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 110+115	PCB110+115	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 12+13	PCB12+13	0.000009	0.000009	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 128+166	PCB128+166	0.000058	0.000058	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.00058	0.00058	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 134+143	PCB134+143	0.000024	0.000024	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 135+151	PCB135+151	0.00021	0.00021	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 139+140	PCB139+140	0.0000092	0.0000092	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 147+149	PCB147+149	0.00049	0.00049	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 153+168	PCB153+168	0.00047	0.00047	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 156+157	PCB156+157	0.000051	0.000051	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 171+173	PCB171+173	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 18+30	PCB18+30	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 180+193	PCB180+193	0.00085	0.00085	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 198+199	PCB198+199	0.00022	0.00022	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 20+28	PCB20+28	0.000045	0.000045	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 21+33	PCB21+33	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 26+29	PCB26+29	0.0000036	0.0000036	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 40+71	PCB40+71	0.000039	0.000039	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.000058	0.000058	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 49+69	PCB49+69	0.000026	0.000026	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 50+53	PCB50+53	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.000084	0.000084	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.000034	0.000034	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.000084	0.000084	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 88+91	PCB88+91	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 93+100	PCB93+100	0.0000082		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	PCBs 98+102	PCB98+102	0.0000075		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	RAD	Radium-226	Ra-226	1.08	1.08	pCi/g	Y	J	EPA 903.0
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	RAD	Radium-228	Ra-228	1.71	1.71	pCi/g	Y	J	EPA 904.0
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	RAD	Thorium-228	Th-228	1.53	1.53	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	RAD	Thorium-230	Th-230	1.03	1.03	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	RAD	Thorium-232	Th-232	1.56	1.56	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	RAD	Uranium-234	U-234	1.23	1.23	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	RAD	Uranium-235	U-235	0.0265		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	RAD	Uranium-238	U-238	1.13	1.13	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.081		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.36		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.086		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.1		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	2-Chlorophenol	95-57-8	0.075		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	2-Methylphenol	95-48-7	0.086		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	2-Nitroaniline	88-74-4	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.081		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.075		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.092		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	4-Nitrophenol	100-02-7	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	Aniline	62-53-3	0.092		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	Benzidine	92-87-5	0.71		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	Benzoic acid	65-85-0	0.37		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	Benzyl alcohol	100-51-6	0.16		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.075		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.097		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.086		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	Dibenzofuran	132-64-9	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	Diethylphthalate	84-66-2	0.1		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	Dimethylphthalate	131-11-3	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.097		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.097		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	Isophorone	78-59-1	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	Nitrobenzene	98-95-3	0.075		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.075		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.086		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	Octachlorostyrene	29082-74-4	2.5		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	Pentachlorophenol	87-86-5	0.37		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	Phenol	108-95-2	0.097		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	SVOCs	Pyridine	110-86-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	TPH	EFH (C10-C40)	EFH-C10-C40	11	11	mg/kg	Y		EPA 8015
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	2.7		mg/kg	N	U	EPA 8015
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	4	4	mg/kg	Y	J	EPA 8015
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0022		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	2,2-Dichloropropane	594-20-7	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	2-Butanone	78-93-3	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	2-Chlorotoluene	95-49-8	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	2-Hexanone	591-78-6	0.0054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	4-Chlorotoluene	106-43-4	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0027		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Acetone	67-64-1	0.0087		mg/kg	N	UJ	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Benzene	71-43-2	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Bromobenzene	108-86-1	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Bromochloromethane	74-97-5	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Bromodichloromethane	75-27-4	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Bromoform	75-25-2	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Bromomethane	74-83-9	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Carbon tetrachloride	56-23-5	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Chlorobenzene	108-90-7	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Chloroethane	75-00-3	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Chloroform	67-66-3	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Chloromethane	74-87-3	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Cumene	98-82-8	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Dibromochloromethane	124-48-1	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Dibromomethane	74-95-3	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Diisopropyl ether	108-20-3	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Ethyl benzene	100-41-4	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	m,p-Xylene	179601-23-1	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Methylene Chloride	75-09-2	0.0054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	n-Butylbenzene	104-51-8	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	n-Propylbenzene	103-65-1	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	o-Xylene	95-47-6	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	p-Cymene	99-87-6	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	sec-Butylbenzene	135-98-8	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Styrene	100-42-5	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	t-Amyl methyl ether	994-05-8	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	tert Butyl alcohol	75-65-0	0.011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	tert-Butylbenzene	98-06-6	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Tetrachloroethene	127-18-4	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Toluene	108-88-3	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00054		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Trichloroethene	79-01-6	0.00054		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Trichlorofluoromethane	75-69-4	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	VOCs	Vinyl chloride	75-01-4	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Chlorine Oxyanions	Chlorate	14866-68-3	4.8	4.8	mg/kg	Y		EPA 300.1
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	7.4	7.4	mg/kg	Y		EPA 314.0
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0011	0.0011	mg/kg	Y		EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000096	0.000096	mg/kg	Y		EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00039	0.00039	mg/kg	Y		EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000038	0.000038	mg/kg	Y		EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000036	0.0000036	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000087	0.000087	mg/kg	Y		EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000085	0.0000085	mg/kg	Y		EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000011	0.000011	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000078	0.0000078	mg/kg	Y		EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000065	0.000065	mg/kg	Y		EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000042	0.0000042	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00002	0.00002	mg/kg	Y		EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000037	0.000037	mg/kg	Y		EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000044	0.000044	mg/kg	Y		EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000015	0.0000015	mg/kg	Y		EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	HpCDD (total)	37871-00-4	0.000064	0.000064	mg/kg	Y		EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	HpCDF (total)	38998-75-3	0.00079	0.00079	mg/kg	Y		EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	HxCDD (total)	34465-46-8	0.000057	0.000057	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	HxCDF (total)	55684-94-1	0.00066	0.00066	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	PeCDD (total)	36088-22-9	0.000049	0.000049	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	PeCDF (total)	30402-15-4	0.00059	0.00059	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	TCDD (total)	41903-57-5	0.000029	0.000029	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Dioxins	TCDF (total)	30402-14-3	0.00031	0.00031	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	7800	7800	mg/kg	Y		SM 2320
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	General Chemistry	Ammonia	7664-41-7	2.8	2.8	mg/kg	Y	J	SM 4500 NH3-D
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	9200	9200	mg/kg	Y		SM 2320
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	General Chemistry	Bromide	24959-67-9	3.7		mg/kg	N	U	EPA 300
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	General Chemistry	Carbonate as CO3	3812-32-6	160	160	mg/kg	Y		SM 2320
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	General Chemistry	Chloride	16887-00-6	40	40	mg/kg	Y		EPA 300
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	General Chemistry	Hydroxide	14280-30-9	44		mg/kg	N	U	SM 2320
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	General Chemistry	Nitrate	14797-55-8	24	24	mg/kg	Y		EPA 300
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	23.91428571	23.91428571	mg/kg	Y		EPA 300
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	General Chemistry	Sulfate	14808-79-8	300	300	mg/kg	Y		EPA 300
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Aluminum	7429-90-5	9000	9000	mg/kg	Y		EPA 6010
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Antimony	7440-36-0	0.52		mg/kg	N	UJ	EPA 6020
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Arsenic	7440-38-2	4.5	4.5	mg/kg	Y		EPA 6020
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Barium	7440-39-3	220	220	mg/kg	Y	J-	EPA 6010
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Boron	7440-42-8	14	14	mg/kg	Y		EPA 6010
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Chromium (total)	7440-47-3	16	16	mg/kg	Y		EPA 6010
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Chromium VI	18540-29-9	0.42		mg/kg	N	U	EPA 7199
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Cobalt	7440-48-4	11	11	mg/kg	Y		EPA 6010
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Copper	7440-50-8	41	41	mg/kg	Y		EPA 6010
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Iron	7439-89-6	16000	16000	mg/kg	Y		EPA 6010
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Lead	7439-92-1	22	22	mg/kg	Y		EPA 6010
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Magnesium	7439-95-4	12000	12000	mg/kg	Y		EPA 6010
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Manganese	7439-96-5	1300	1300	mg/kg	Y		EPA 6010
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Mercury	7439-97-6	0.087	0.087	mg/kg	Y		EPA 7471
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Molybdenum	7439-98-7	9.3	9.3	mg/kg	Y		EPA 6010
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Nickel	7440-02-0	18	18	mg/kg	Y		EPA 6010
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Niobium	7440-03-1	1.8		mg/kg	N	UJ	EPA 6020
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Palladium	7440-05-3	0.05		mg/kg	N	U	EPA 6020
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Phosphorus (total)	7723-14-0	1100	1100	mg/kg	Y		EPA 6010
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Selenium	7782-49-2	0.52		mg/kg	N	U	EPA 6020
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Silicon	7440-21-3	140	140	mg/kg	Y	J-	EPA 6010
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Silver	7440-22-4	0.78		mg/kg	N	U	EPA 6010
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Strontium	7440-24-6	210	210	mg/kg	Y	J	EPA 6010
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Sulfur	7704-34-9	1600	1600	mg/kg	Y	J	EPA 6020
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Tungsten	7440-33-7	5.2		mg/kg	N	UJ	EPA 6010
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Uranium (total)	7440-61-1	1.4	1.4	mg/kg	Y		EPA 6020
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Zinc	7440-66-6	83	83	mg/kg	Y		EPA 6010
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	Metals	Zirconium	7440-67-7	23	23	mg/kg	Y		EPA 6010
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OCPs	Hexachlorobenzene	118-74-1	0.26	0.26	mg/kg	Y	J	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Chlorpyrifos	2921-88-2	0.0066		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Coumaphos	56-72-4	0.0029		mg/kg	N	U	EPA 8141A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Dasanit	115-90-2	0.0084		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Demeton (O + S)	8065-48-3	0.0077		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Demeton-O	298-03-3	0.0054		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Demeton-S	126-75-0	0.005		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Diazinon	333-41-5	0.0074		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Dichlorovos	62-73-7	0.0076		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Dimethoate	60-51-5	0.0073		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Disulfoton	298-04-4	0.0079		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	EPN	2104-64-5	0.0038		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Ethoprop	13194-48-4	0.0051		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Famphur	52-85-7	0.0033		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Fenthion	55-38-9	0.009		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Guthion	86-50-0	0.0036		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Malathion	121-75-5	0.0048		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Merphos	150-50-5	0.0053		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Methyl parathion	298-00-0	0.0065		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Mevinphos	7786-34-7	0.0047		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Naled	300-76-5	0.23		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Parathion	56-38-2	0.0054		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Phorate	298-02-2	0.0058		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Prothiophos	34643-46-4	0.004		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Ronnel	299-84-3	0.016		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Simazine	122-34-9	0.023		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Stirophos	22248-79-9	0.0045		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Sulfotepp	3689-24-5	0.0064		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Sulprofos	35400-43-2	0.0043		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Thionazin	297-97-2	0.0057		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	OPPs	Trichloronate	327-98-0	0.0064		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	2-Methylnaphthalene	91-57-6	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	Acenaphthene	83-32-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	Acenaphthylene	208-96-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	Anthracene	120-12-7	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	Benzo(a)anthracene	56-55-3	0.015	0.015	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	Benzo(a)pyrene	50-32-8	0.017	0.017	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.037	0.037	mg/kg	Y		EPA 8270 SIM
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017	0.017	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.015	0.015	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	Chrysene	218-01-9	0.025	0.025	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	Fluoranthene	206-44-0	0.018	0.018	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	Fluorene	86-73-7	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.015	0.015	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	Naphthalene	91-20-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	Phenanthrene	85-01-8	0.0058	0.0058	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	Pyrene	129-00-0	0.02	0.02	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	Aroclor-1260	11096-82-5	0.12	0.12	mg/kg	Y		EPA 8082
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.000028	0.000028	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.000031	0.000031	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.000028	0.000028	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000038		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000036		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000035	0.000035	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.0000089	0.0000089	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000038		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000035		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.000058	0.000058	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.000009	0.000009	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000071	0.0000071	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.0000039	0.0000039	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.0000016		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00000075	0.00000075	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.0000025	0.0000025	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.000041	0.000041	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.0000069	0.0000069	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000084	0.0000084	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.000071	0.000071	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.000002		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.0000057	0.0000057	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.0000029	0.0000029	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.000023	0.000023	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.0000096	0.0000096	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.0000063	0.0000063	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000055	0.00000055	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.0000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.000057	0.000057	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.0000028		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.0000028		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.000035	0.000035	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.0000042	0.0000042	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.000059	0.000059	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.0000029	0.0000029	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.0000026		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.0000027		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.00000082	0.00000082	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.00004	0.00004	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.0000031		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.0000026		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.0000032		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.000036	0.000036	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.000041	0.000041	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.000033		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.00021	0.00021	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.000031		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.002	0.002	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.0000069	0.0000069	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000078	0.000078	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.000028		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.00000078	0.00000078	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.000028	0.000028	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.00053	0.00053	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.000023		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.000097	0.000097	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.00063	0.00063	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.00007	0.00007	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.0044	0.0044	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.0015	0.0015	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.000081	0.000081	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.0032	0.0032	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.000046		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.00084	0.00084	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.000031		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.0021	0.0021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.000042		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.000029		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.000031		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.000099	0.000099	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.00003		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.0015	0.0015	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.000013		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.000036		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.000033		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.000028	0.000028	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.0013	0.0013	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.000038		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.00041	0.00041	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.000041	0.000041	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.011	0.011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0017	0.0017	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.01	0.01	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.00039	0.00039	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.00088	0.00088	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.0057	0.0057	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.0015	0.0015	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.0028	0.0028	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.0000056		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.000056	0.000056	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.005	0.005	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.000029	0.000029	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.00093	0.00093	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.0000027		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.0097	0.0097	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.0004	0.0004	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.002	0.002	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.00049	0.00049	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.0000048		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.0047	0.0047	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.0017	0.0017	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.0024	0.0024	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.00057	0.00057	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.0005	0.0005	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.00055	0.00055	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.0028	0.0028	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.00004	0.00004	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.00031	0.00031	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.00058	0.00058	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.00043	0.00043	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.0067	0.0067	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 107+124	PCB107+124	0.000023		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 110+115	PCB110+115	0.0022	0.0022	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 12+13	PCB12+13	0.000043	0.000043	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 128+166	PCB128+166	0.0013	0.0013	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.015	0.015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 134+143	PCB134+143	0.00048	0.00048	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 135+151	PCB135+151	0.0054	0.0054	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 139+140	PCB139+140	0.000067	0.000067	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 147+149	PCB147+149	0.013	0.013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 153+168	PCB153+168	0.011	0.011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 156+157	PCB156+157	0.00077	0.00077	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 171+173	PCB171+173	0.0032	0.0032	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 18+30	PCB18+30	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 180+193	PCB180+193	0.023	0.023	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 198+199	PCB198+199	0.0042	0.0042	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 20+28	PCB20+28	0.000063	0.000063	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 21+33	PCB21+33	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 26+29	PCB26+29	0.0000075	0.0000075	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 40+71	PCB40+71	0.000046	0.000046	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.000074	0.000074	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 49+69	PCB49+69	0.000031	0.000031	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 50+53	PCB50+53	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.000037	0.000037	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.00034	0.00034	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 88+91	PCB88+91	0.000087	0.000087	mg/kg	Y		EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.0014	0.0014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 93+100	PCB93+100	0.000029		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	PCBs 98+102	PCB98+102	0.000027		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	RAD	Radium-226	Ra-226	1.06	1.06	pCi/g	Y		EPA 903.0
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	RAD	Radium-228	Ra-228	1.36	1.36	pCi/g	Y		EPA 904.0
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	RAD	Thorium-228	Th-228	1.19	1.19	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	RAD	Thorium-230	Th-230	0.945	0.945	pCi/g	Y	J	DOE EML HASL 300 A-01-R
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	RAD	Thorium-232	Th-232	1.21	1.21	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	RAD	Uranium-234	U-234	0.918	0.918	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	RAD	Uranium-235	U-235	0.024		pCi/g	N	U	DOE EML HASL 300 A-01-R

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	RAD	Uranium-238	U-238	1.03	1.03	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.077		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.069		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.34		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.083		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.098		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.069		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	2-Chlorophenol	95-57-8	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	2-Methylphenol	95-48-7	0.083		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	2-Nitroaniline	88-74-4	0.069		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.077		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.088		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	4-Nitrophenol	100-02-7	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	Aniline	62-53-3	0.088		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	Benzidine	92-87-5	0.68		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	Benzoic acid	65-85-0	0.35		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	Benzyl alcohol	100-51-6	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.093		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.083		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	Dibenzofuran	132-64-9	0.069		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	Diethylphthalate	84-66-2	0.098		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	Dimethylphthalate	131-11-3	0.069		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.093		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.093		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	Isophorone	78-59-1	0.069		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	Nitrobenzene	98-95-3	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.083		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	Phenol	108-95-2	0.093		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	TPH	EFH (C10-C40)	EFH-C10-C40	130	130	mg/kg	Y		EPA 8015
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	91	91	mg/kg	Y		EPA 8015
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	39	39	mg/kg	Y		EPA 8015
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0019		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	2,2-Dichloropropane	594-20-7	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	2-Butanone	78-93-3	0.0048		mg/kg	N	UJ	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	2-Chlorotoluene	95-49-8	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	2-Hexanone	591-78-6	0.0048		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	4-Chlorotoluene	106-43-4	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0024		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Acetone	67-64-1	0.0078		mg/kg	N	UJ	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Benzene	71-43-2	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Bromobenzene	108-86-1	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Bromochloromethane	74-97-5	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Bromodichloromethane	75-27-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Bromoform	75-25-2	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Bromomethane	74-83-9	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Carbon tetrachloride	56-23-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Chlorobenzene	108-90-7	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Chloroethane	75-00-3	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Chloroform	67-66-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Chloromethane	74-87-3	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Cumene	98-82-8	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Dibromochloromethane	124-48-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Dibromomethane	74-95-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Diisopropyl ether	108-20-3	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Ethyl benzene	100-41-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	m,p-Xylene	179601-23-1	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Methylene Chloride	75-09-2	0.0048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	n-Butylbenzene	104-51-8	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	n-Propylbenzene	103-65-1	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	o-Xylene	95-47-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	p-Cymene	99-87-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	sec-Butylbenzene	135-98-8	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Styrene	100-42-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	t-Amyl methyl ether	994-05-8	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	tert Butyl alcohol	75-65-0	0.0097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	tert-Butylbenzene	98-06-6	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Tetrachloroethene	127-18-4	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Toluene	108-88-3	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Trichloroethene	79-01-6	0.00048		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Trichlorofluoromethane	75-69-4	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	VOCs	Vinyl chloride	75-01-4	0.00097		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Chlorine Oxyanions	Chlorate	14866-68-3	1.8	1.8	mg/kg	Y		EPA 300.1
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	2.9	2.9	mg/kg	Y		EPA 314.0
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.028	0.028	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00093	0.00093	mg/kg	Y		EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.011	0.011	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0009	0.0009	mg/kg	Y		EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0044	0.0044	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0047	0.0047	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0025	0.0025	mg/kg	Y		EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00025	0.00025	mg/kg	Y		EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00048	0.00048	mg/kg	Y	J-	EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00022	0.00022	mg/kg	Y		EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.002	0.002	mg/kg	Y		EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00016	0.00016	mg/kg	Y		EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00048	0.00048	mg/kg	Y		EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.001	0.001	mg/kg	Y		EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.001	0.001	mg/kg	Y		EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000043	0.000043	mg/kg	Y		EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	HpCDD (total)	37871-00-4	0.0014	0.0014	mg/kg	Y		EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	HpCDF (total)	38998-75-3	0.021	0.021	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	HxCDD (total)	34465-46-8	0.0018	0.0018	mg/kg	Y		EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	HxCDF (total)	55684-94-1	0.019	0.019	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	PeCDD (total)	36088-22-9	0.0018	0.0018	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	PeCDF (total)	30402-15-4	0.018	0.018	mg/kg	Y		EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	TCDD (total)	41903-57-5	0.0015	0.0015	mg/kg	Y		EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Dioxins	TCDF (total)	30402-14-3	0.013	0.013	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	42000	42000	mg/kg	Y		SM 2320
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	General Chemistry	Ammonia	7664-41-7	2.6	2.6	mg/kg	Y	J	SM 4500 NH3-D
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	50000	50000	mg/kg	Y		SM 2320
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	General Chemistry	Bromide	24959-67-9	3.7		mg/kg	N	U	EPA 300
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	General Chemistry	Carbonate as CO3	3812-32-6	940	940	mg/kg	Y		SM 2320

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	General Chemistry	Chloride	16887-00-6	20	20	mg/kg	Y		EPA 300
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	General Chemistry	Hydroxide	14280-30-9	180		mg/kg	N	U	SM 2320
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	General Chemistry	Nitrate	14797-55-8	9.7	9.7	mg/kg	Y		EPA 300
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	9.742857143	9.742857143	mg/kg	Y		EPA 300
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	General Chemistry	Sulfate	14808-79-8	54	54	mg/kg	Y		EPA 300
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Aluminum	7429-90-5	9800	9800	mg/kg	Y		EPA 6010
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Antimony	7440-36-0	0.52		mg/kg	N	U	EPA 6020
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Arsenic	7440-38-2	4.5	4.5	mg/kg	Y		EPA 6020
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Barium	7440-39-3	190	190	mg/kg	Y	J+	EPA 6010
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Boron	7440-42-8	7.7	7.7	mg/kg	Y		EPA 6010
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Chromium (total)	7440-47-3	29	29	mg/kg	Y		EPA 6010
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Chromium VI	18540-29-9	0.42		mg/kg	N	UJ	EPA 7199
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Cobalt	7440-48-4	9.2	9.2	mg/kg	Y		EPA 6010
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Copper	7440-50-8	37	37	mg/kg	Y		EPA 6010
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Iron	7439-89-6	16000	16000	mg/kg	Y		EPA 6010
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Lead	7439-92-1	25	25	mg/kg	Y		EPA 6010
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Magnesium	7439-95-4	11000	11000	mg/kg	Y		EPA 6010
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Manganese	7439-96-5	970	970	mg/kg	Y		EPA 6010
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Mercury	7439-97-6	0.09	0.09	mg/kg	Y		EPA 7471
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Molybdenum	7439-98-7	6.8	6.8	mg/kg	Y		EPA 6010
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Nickel	7440-02-0	17	17	mg/kg	Y		EPA 6010
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Niobium	7440-03-1	1.9		mg/kg	N	UJ	EPA 6020
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Palladium	7440-05-3	0.052		mg/kg	N	U	EPA 6020
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Phosphorus (total)	7723-14-0	900	900	mg/kg	Y		EPA 6010
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Selenium	7782-49-2	0.52		mg/kg	N	U	EPA 6020
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Silicon	7440-21-3	140	140	mg/kg	Y	J-	EPA 6010
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Silver	7440-22-4	0.78		mg/kg	N	U	EPA 6010
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Strontium	7440-24-6	180	180	mg/kg	Y	J+	EPA 6010
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Sulfur	7704-34-9	400		mg/kg	N	U	EPA 6020
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Tungsten	7440-33-7	5.2		mg/kg	N	UJ	EPA 6010
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Uranium (total)	7440-61-1	1.6	1.6	mg/kg	Y		EPA 6020
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Zinc	7440-66-6	67	67	mg/kg	Y	J	EPA 6010
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	Metals	Zirconium	7440-67-7	24	24	mg/kg	Y		EPA 6010
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	2,4'-DDE	3424-82-6	0.016	0.016	mg/kg	Y	J	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	4,4'-DDD	72-54-8	0.0078		mg/kg	N	U	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	4,4'-DDE	72-55-9	0.0089	0.0089	mg/kg	Y	J	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	4,4'-DDT	50-29-3	0.021	0.021	mg/kg	Y	J	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	Aldrin	309-00-2	0.0078		mg/kg	N	U	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	alpha-BHC	319-84-6	0.0078		mg/kg	N	U	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	alpha-Chlordane	5103-71-9	0.01		mg/kg	N	U	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	beta-BHC	319-85-7	0.0078		mg/kg	N	U	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	delta-BHC	319-86-8	0.0078		mg/kg	N	U	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	Dieldrin	60-57-1	0.0078		mg/kg	N	U	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	Endosulfan I	959-98-8	0.0078		mg/kg	N	U	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	Endosulfan II	33213-65-9	0.0078		mg/kg	N	U	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	Endosulfan sulfate	1031-07-8	0.01		mg/kg	N	U	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	Endrin	72-20-8	0.0078		mg/kg	N	U	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	Endrin aldehyde	7421-93-4	0.0078		mg/kg	N	U	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	Endrin ketone	53494-70-5	0.01		mg/kg	N	U	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	gamma-BHC	58-89-9	0.0078		mg/kg	N	U	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	gamma-Chlordane	5103-74-2	0.0078		mg/kg	N	U	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	Heptachlor	76-44-8	0.01		mg/kg	N	U	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	Heptachlor epoxide	1024-57-3	0.01		mg/kg	N	U	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	Hexachlorobenzene	118-74-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	Methoxychlor	72-43-5	0.0078		mg/kg	N	U	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	Toxaphene	8001-35-2	0.26		mg/kg	N	U	EPA 8081
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Atrazine	1912-24-9	0.013		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Chlorpyrifos	2921-88-2	0.0067		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Coumaphos	56-72-4	0.0029		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Dasanit	115-90-2	0.0084		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Demeton (O + S)	8065-48-3	0.0078		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Demeton-O	298-03-3	0.0055		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Demeton-S	126-75-0	0.005		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Diazinon	333-41-5	0.0075		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Dichlorovos	62-73-7	0.0077		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Dimethoate	60-51-5	0.0073		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Disulfoton	298-04-4	0.008		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	EPN	2104-64-5	0.0038		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Ethoprop	13194-48-4	0.0051		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Famphur	52-85-7	0.0033		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Fenthion	55-38-9	0.009		mg/kg	N	U	EPA 8141A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Guthion	86-50-0	0.0036		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Malathion	121-75-5	0.0048		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Merphos	150-50-5	0.0053		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Methyl parathion	298-00-0	0.0066		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Mevinphos	7786-34-7	0.0048		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Naled	300-76-5	0.23		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Parathion	56-38-2	0.0055		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Phorate	298-02-2	0.0059		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Prothiophos	34643-46-4	0.004		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Ronnel	299-84-3	0.016		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Simazine	122-34-9	0.023		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Stirophos	22248-79-9	0.0045		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Sulfotepp	3689-24-5	0.0065		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Sulprofos	35400-43-2	0.0044		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Thionazin	297-97-2	0.0058		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OPPs	Trichloronate	327-98-0	0.0065		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	1-Methylnaphthalene	90-12-0	0.31		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	2-Methylnaphthalene	91-57-6	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	Acenaphthene	83-32-9	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	Acenaphthylene	208-96-8	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	Anthracene	120-12-7	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	Benzo(a)anthracene	56-55-3	0.025	0.025	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	Benzo(a)pyrene	50-32-8	0.025	0.025	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.046	0.046	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.032	0.032	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	Chrysene	218-01-9	0.054	0.054	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	Fluoranthene	206-44-0	0.042	0.042	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	Fluorene	86-73-7	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.026	0.026	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	Naphthalene	91-20-3	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	Phenanthrene	85-01-8	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	Pyrene	129-00-0	0.04	0.04	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1260	11096-82-5	0.018		mg/kg	N	U	EPA 8082
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.000034	0.000034	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.000044	0.000044	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000025	0.000025	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000098		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.000049	0.000049	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000096	0.0000096	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000094	0.000094	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000061		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.00047	0.00047	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.000038	0.000038	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.000047	0.000047	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.000096	0.000096	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.000091	0.000091	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.000031	0.000031	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.000044	0.000044	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.00025	0.00025	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.00032	0.00032	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.000072	0.000072	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.000061	0.000061	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.000096	0.000096	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.000059	0.000059	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.000061	0.000061	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.000023	0.000023	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.000081	0.000081	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.000031	0.000031	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.00033	0.00033	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.0000063	0.0000063	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.0001	0.0001	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.0004	0.0004	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.000092	0.000092	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.000061	0.000061	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.000087	0.000087	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.00063	0.00063	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.000091	0.000091	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.000031	0.000031	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.00032	0.00032	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.00034	0.00034	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.00019		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.00033	0.00033	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.00016		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.00046	0.00046	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.00015		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.003	0.003	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.000035	0.000035	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.00034	0.00034	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.00014		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.000032	0.000032	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.00047	0.00047	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.00081	0.00081	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.00041	0.00041	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.0001		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.00023	0.00023	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.00021	0.00021	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0001		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.00012		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.00011		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.00029	0.00029	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.0014	0.0014	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.0002		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.0054	0.0054	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.00029	0.00029	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.0019	0.0019	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.00028	0.00028	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.005	0.005	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.00018		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.00013		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.0032	0.0032	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.00022	0.00022	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.00012		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.00038	0.00038	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.00013		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.0022	0.0022	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.00025	0.00025	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.0021	0.0021	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.00015		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.001	0.001	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.0001	0.0001	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.015	0.015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0035	0.0035	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.014	0.014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.0015	0.0015	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.0075	0.0075	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.0022	0.0022	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.0037	0.0037	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.00033	0.00033	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.00054	0.00054	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.0072	0.0072	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.00084	0.00084	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.0015	0.0015	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.013	0.013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.00047	0.00047	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.0034	0.0034	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.0011	0.0011	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.00028	0.00028	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.0075	0.0075	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.0028	0.0028	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.0055	0.0055	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.002	0.002	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.0013	0.0013	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.0024	0.0024	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.0046	0.0046	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.0014	0.0014	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.0018	0.0018	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.0087	0.0087	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.012	0.012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.0069	0.0069	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.087	0.087	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 107+124	PCB107+124	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 110+115	PCB110+115	0.0039	0.0039	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 12+13	PCB12+13	0.00028	0.00028	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 128+166	PCB128+166	0.0019	0.0019	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.021	0.021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 134+143	PCB134+143	0.00079	0.00079	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 135+151	PCB135+151	0.0068	0.0068	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 139+140	PCB139+140	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 147+149	PCB147+149	0.016	0.016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 153+168	PCB153+168	0.015	0.015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 156+157	PCB156+157	0.0017	0.0017	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 171+173	PCB171+173	0.0056	0.0056	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 18+30	PCB18+30	0.00007	0.00007	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 180+193	PCB180+193	0.034	0.034	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 198+199	PCB198+199	0.0078	0.0078	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 20+28	PCB20+28	0.00032	0.00032	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 21+33	PCB21+33	0.00024	0.00024	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 26+29	PCB26+29	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 40+71	PCB40+71	0.00047	0.00047	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.00035	0.00035	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 49+69	PCB49+69	0.00021	0.00021	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 50+53	PCB50+53	0.000069	0.000069	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.00028	0.00028	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.0011	0.0011	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.00071	0.00071	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.0014	0.0014	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 88+91	PCB88+91	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.0025	0.0025	mg/kg	Y		EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 93+100	PCB93+100	0.00014		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 98+102	PCB98+102	0.00013		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	RAD	Radium-226	Ra-226	1.11	1.11	pCi/g	Y		EPA 903.0
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	RAD	Radium-228	Ra-228	1.21	1.21	pCi/g	Y		EPA 904.0
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	RAD	Thorium-228	Th-228	1.52	1.52	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	RAD	Thorium-230	Th-230	1.06	1.06	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	RAD	Thorium-232	Th-232	1.48	1.48	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	RAD	Uranium-234	U-234	0.973	0.973	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	RAD	Uranium-235	U-235	0.0389		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	RAD	Uranium-238	U-238	0.963	0.963	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.27		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.16		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.27		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.69		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.17		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.2		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	2-Chlorophenol	95-57-8	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	2-Methylphenol	95-48-7	0.17		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	2-Nitroaniline	88-74-4	0.14		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	2-Nitrophenol	88-75-5	0.28		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.28		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.31		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	3-Nitroaniline	99-09-2	0.28		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.16		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	4-Chloroaniline	106-47-8	0.28		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.18		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	4-Nitroaniline	100-01-6	0.28		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	4-Nitrophenol	100-02-7	0.29		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	Aniline	62-53-3	0.18		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	Benzidine	92-87-5	1.4		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	Benzoic acid	65-85-0	0.71		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	Benzyl alcohol	100-51-6	0.31		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.28		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.19		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.17		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	Dibenzofuran	132-64-9	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	Diethylphthalate	84-66-2	0.2		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	Dimethylphthalate	131-11-3	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.19		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.19		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.28		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	Hexachloroethane	67-72-1	0.28		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	Isophorone	78-59-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	Nitrobenzene	98-95-3	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.17		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	Octachlorostyrene	29082-74-4	4.8		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	Pentachlorophenol	87-86-5	0.71		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	Phenol	108-95-2	0.19		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	SVOCs	Pyridine	110-86-1	0.31		mg/kg	N	U	EPA 8270
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	TPH	EFH (C10-C40)	EFH-C10-C40	160	160	mg/kg	Y		EPA 8015
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	120	120	mg/kg	Y		EPA 8015
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	45	45	mg/kg	Y		EPA 8015
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.16		mg/kg	N	U	EPA 8015
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	1,1-Dichloroethane	75-34-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	1,1-Dichloroethene	75-35-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	1,1-Dichloropropene	563-58-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	1,2-Dibromoethane	106-93-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	1,2-Dichloroethane	107-06-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	1,2-Dichloropropane	78-87-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	1,3-Dichloropropane	142-28-9	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	2-Butanone	78-93-3	0.005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	2-Hexanone	591-78-6	0.005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Acetone	67-64-1	0.008		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Benzene	71-43-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Bromodichloromethane	75-27-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Carbon tetrachloride	56-23-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Chlorobenzene	108-90-7	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Chloroform	67-66-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Cumene	98-82-8	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Dibromochloromethane	124-48-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Dibromomethane	74-95-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Ethyl benzene	100-41-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Methylene Chloride	75-09-2	0.005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	n-Propylbenzene	103-65-1	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	o-Xylene	95-47-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	p-Cymene	99-87-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Styrene	100-42-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Tetrachloroethene	127-18-4	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Toluene	108-88-3	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Trichloroethene	79-01-6	0.0005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Chlorine Oxyanions	Chlorate	14866-68-3	1.8	1.8	mg/kg	Y		EPA 300.1
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	9.8	9.8	mg/kg	Y		EPA 314.0
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0058	0.0058	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00023	0.00023	mg/kg	Y		EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0022	0.0022	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00019	0.00019	mg/kg	Y		EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.001	0.001	mg/kg	Y		EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0012	0.0012	mg/kg	Y		EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000019	0.000019	mg/kg	Y		EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00053	0.00053	mg/kg	Y		EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000053	0.000053	mg/kg	Y		EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000046	0.000046	mg/kg	Y	J-	EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000055	0.000055	mg/kg	Y		EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00042	0.00042	mg/kg	Y		EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00003	0.00003	mg/kg	Y	J+	EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0003	0.0003	mg/kg	Y		EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00025	0.00025	mg/kg	Y		EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000012	0.000012	mg/kg	Y	J+	EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	HpCDD (total)	37871-00-4	0.00032	0.00032	mg/kg	Y		EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	HpCDF (total)	38998-75-3	0.0047	0.0047	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	HxCDD (total)	34465-46-8	0.00043	0.00043	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	HxCDF (total)	55684-94-1	0.0051	0.0051	mg/kg	Y	J-	EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	PeCDD (total)	36088-22-9	0.00027	0.00027	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	PeCDF (total)	30402-15-4	0.0034	0.0034	mg/kg	Y		EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	TCDD (total)	41903-57-5	0.00018	0.00018	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Dioxins	TCDF (total)	30402-14-3	0.0023	0.0023	mg/kg	Y		EPA 8290
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	28000	28000	mg/kg	Y		SM 2320
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	General Chemistry	Ammonia	7664-41-7	2.7	2.7	mg/kg	Y	J	SM 4500 NH3-D
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	34000	34000	mg/kg	Y		SM 2320
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	General Chemistry	Bromide	24959-67-9	3.7		mg/kg	N	U	EPA 300
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	General Chemistry	Carbonate as CO3	3812-32-6	620	620	mg/kg	Y		SM 2320
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	General Chemistry	Chloride	16887-00-6	32	32	mg/kg	Y		EPA 300
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	General Chemistry	Hydroxide	14280-30-9	180		mg/kg	N	U	SM 2320
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	General Chemistry	Nitrate	14797-55-8	15	15	mg/kg	Y		EPA 300
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	15.5	15.5	mg/kg	Y		EPA 300
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	General Chemistry	ortho-Phosphate	11-36-9	4.2		mg/kg	N	UJ	EPA 300
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	General Chemistry	Sulfate	14808-79-8	2900	2900	mg/kg	Y		EPA 300
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Aluminum	7429-90-5	13000	13000	mg/kg	Y		EPA 6010
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Antimony	7440-36-0	0.52		mg/kg	N	U	EPA 6020
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Arsenic	7440-38-2	5.4	5.4	mg/kg	Y		EPA 6020
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Barium	7440-39-3	390	390	mg/kg	Y	J+	EPA 6010
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Boron	7440-42-8	22	22	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Chromium (total)	7440-47-3	22	22	mg/kg	Y		EPA 6010
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Chromium VI	18540-29-9	0.42		mg/kg	N	UJ	EPA 7199
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Cobalt	7440-48-4	9.8	9.8	mg/kg	Y		EPA 6010
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Copper	7440-50-8	36	36	mg/kg	Y		EPA 6010
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Iron	7439-89-6	19000	19000	mg/kg	Y		EPA 6010
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Lead	7439-92-1	30	30	mg/kg	Y		EPA 6010
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Magnesium	7439-95-4	12000	12000	mg/kg	Y		EPA 6010
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Manganese	7439-96-5	1400	1400	mg/kg	Y		EPA 6010
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Mercury	7439-97-6	0.1	0.1	mg/kg	Y		EPA 7471
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Molybdenum	7439-98-7	7.4	7.4	mg/kg	Y		EPA 6010
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Nickel	7440-02-0	17	17	mg/kg	Y		EPA 6010
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Niobium	7440-03-1	1.8		mg/kg	N	UJ	EPA 6020
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Palladium	7440-05-3	0.054		mg/kg	N	U	EPA 6020
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Phosphorus (total)	7723-14-0	920	920	mg/kg	Y		EPA 6010
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Selenium	7782-49-2	0.52		mg/kg	N	U	EPA 6020
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Silicon	7440-21-3	210	210	mg/kg	Y	J-	EPA 6010
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Silver	7440-22-4	0.78		mg/kg	N	U	EPA 6010
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Strontium	7440-24-6	370	370	mg/kg	Y	J+	EPA 6010
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Sulfur	7704-34-9	1300	1300	mg/kg	Y	J+	EPA 6020
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Tungsten	7440-33-7	5.2		mg/kg	N	UJ	EPA 6010
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Uranium (total)	7440-61-1	1.7	1.7	mg/kg	Y		EPA 6020
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Zinc	7440-66-6	130	130	mg/kg	Y	J	EPA 6010
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	Metals	Zirconium	7440-67-7	30	30	mg/kg	Y		EPA 6010
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	2,4'-DDE	3424-82-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	4,4'-DDE	72-55-9	0.0051	0.0051	mg/kg	Y	J+	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	4,4'-DDT	50-29-3	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	alpha-BHC	319-84-6	0.0051	0.0051	mg/kg	Y	J+	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	beta-BHC	319-85-7	0.047	0.047	mg/kg	Y	J+	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	Hexachlorobenzene	118-74-1	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	Toxaphene	8001-35-2	0.052		mg/kg	N	U	EPA 8081
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Chlorpyrifos	2921-88-2	0.0064		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Coumaphos	56-72-4	0.0028		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Dasanit	115-90-2	0.008		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Demeton (O + S)	8065-48-3	0.0074		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Demeton-O	298-03-3	0.0052		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Demeton-S	126-75-0	0.0048		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Diazinon	333-41-5	0.0072		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Dichlorovos	62-73-7	0.0073		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Dimethoate	60-51-5	0.007		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Disulfoton	298-04-4	0.0076		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	EPN	2104-64-5	0.0036		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Ethoprop	13194-48-4	0.0049		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Famphur	52-85-7	0.0032		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Fenthion	55-38-9	0.0086		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Guthion	86-50-0	0.0034		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Malathion	121-75-5	0.0046		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Merphos	150-50-5	0.0051		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Methyl parathion	298-00-0	0.0063		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Mevinphos	7786-34-7	0.0046		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Naled	300-76-5	0.22		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Parathion	56-38-2	0.0052		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Phorate	298-02-2	0.0056		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Prothiophos	34643-46-4	0.0039		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Ronnel	299-84-3	0.015		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Simazine	122-34-9	0.022		mg/kg	N	U	EPA 8141A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Stirophos	22248-79-9	0.0043		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Sulfotepp	3689-24-5	0.0062		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Sulprofos	35400-43-2	0.0042		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Thionazin	297-97-2	0.0055		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OPPs	Trichloronate	327-98-0	0.0062		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	2-Methylnaphthalene	91-57-6	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	Acenaphthene	83-32-9	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	Acenaphthylene	208-96-8	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	Anthracene	120-12-7	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	Benzo(a)anthracene	56-55-3	0.048	0.048	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	Benzo(a)pyrene	50-32-8	0.038	0.038	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.077	0.077	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.039	0.039	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.025	0.025	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	Chrysene	218-01-9	0.071	0.071	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	Fluoranthene	206-44-0	0.082	0.082	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	Fluorene	86-73-7	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.032	0.032	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	Naphthalene	91-20-3	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	Phenanthrene	85-01-8	0.048	0.048	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	Pyrene	129-00-0	0.086	0.086	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1260	11096-82-5	0.27	0.27	mg/kg	Y		EPA 8082
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.000029	0.000029	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000038	0.000038	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.00002		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000048		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.00015	0.00015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.000045	0.000045	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.0000049		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.000007	0.000007	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.0000069	0.0000069	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.000072	0.000072	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.00000073		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.0000054		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.0000084	0.0000084	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000062		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.0000087	0.0000087	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.000079	0.000079	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.00007	0.00007	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.000026	0.000026	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.00003	0.00003	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.00062	0.00062	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.000013		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.000014		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.000014		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.00008	0.00008	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.000013		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.00029	0.00029	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.000013		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.000013		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.000014		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.00000089		mg/kg	N	U	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.00008	0.00008	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.000016		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.000083	0.000083	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.000013		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.000015	0.000015	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.00014		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.00042	0.00042	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.00012		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.0011	0.0011	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.00011		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.0078	0.0078	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.0003	0.0003	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0001		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.0000042	0.0000042	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.0005	0.0005	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.000089		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.000075		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.000078		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.000089		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.0026	0.0026	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.000079		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.000076		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.000092		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.000085		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.00041	0.00041	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.000088		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.0023	0.0023	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.016	0.016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.00049	0.00049	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.0058	0.0058	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.016	0.016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.00016		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.0031	0.0031	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.00011		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.0079	0.0079	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.00015		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.0001		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.00011		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.00029	0.00029	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.000096		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.0059	0.0059	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.00013		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.00012		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.000081	0.000081	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.0048	0.0048	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.00014		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.0021	0.0021	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.000063		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.037	0.037	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0057	0.0057	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.036	0.036	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.0014	0.0014	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.0033	0.0033	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.02	0.02	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.005	0.005	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.01	0.01	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.017	0.017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.0036	0.0036	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.000022	0.000022	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.033	0.033	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.0015	0.0015	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.0069	0.0069	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.0017	0.0017	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.000038	0.000038	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.013	0.013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.0053	0.0053	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.008	0.008	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.00073	0.00073	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.002	0.002	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.0019	0.0019	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.0017	0.0017	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.0088	0.0088	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.00029	0.00029	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.001	0.001	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.004	0.004	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.003	0.003	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.0018	0.0018	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.021	0.021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 107+124	PCB107+124	0.00011	0.00011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 110+115	PCB110+115	0.0076	0.0076	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 12+13	PCB12+13	0.000042	0.000042	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 128+166	PCB128+166	0.0049	0.0049	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.065	0.065	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 134+143	PCB134+143	0.0019	0.0019	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 135+151	PCB135+151	0.018	0.018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 139+140	PCB139+140	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 147+149	PCB147+149	0.044	0.044	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 153+168	PCB153+168	0.057	0.057	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 156+157	PCB156+157	0.0046	0.0046	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 171+173	PCB171+173	0.011	0.011	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 18+30	PCB18+30	0.00004	0.00004	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 180+193	PCB180+193	0.079	0.079	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 198+199	PCB198+199	0.013	0.013	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 20+28	PCB20+28	0.00014	0.00014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 21+33	PCB21+33	0.000036	0.000036	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 26+29	PCB26+29	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 40+71	PCB40+71	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.00028	0.00028	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 49+69	PCB49+69	0.000086	0.000086	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 50+53	PCB50+53	0.000064	0.000064	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.00003	0.00003	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.00038	0.00038	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.00015	0.00015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.0016	0.0016	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 88+91	PCB88+91	0.00013	0.00013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.0083	0.0083	mg/kg	Y		EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 93+100	PCB93+100	0.00011		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	PCBs 98+102	PCB98+102	0.000098		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	RAD	Radium-226	Ra-226	1.09	1.09	pCi/g	Y		EPA 903.0
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	RAD	Radium-228	Ra-228	1.23	1.23	pCi/g	Y		EPA 904.0
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	RAD	Thorium-228	Th-228	1.5	1.5	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	RAD	Thorium-230	Th-230	1.24	1.24	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	RAD	Thorium-232	Th-232	1.51	1.51	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	RAD	Uranium-234	U-234	0.962	0.962	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	RAD	Uranium-235	U-235	0.229	0.229	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	RAD	Uranium-238	U-238	0.813	0.813	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.077		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.069		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.34		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.082		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.097		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.069		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	2-Chlorophenol	95-57-8	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	2-Methylphenol	95-48-7	0.082		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	2-Nitroaniline	88-74-4	0.069		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.077		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.087		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	4-Nitrophenol	100-02-7	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	Aniline	62-53-3	0.087		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	Benzidine	92-87-5	0.68		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	Benzoic acid	65-85-0	0.35		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	Benzyl alcohol	100-51-6	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.092		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.082		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	Dibenzofuran	132-64-9	0.069		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	Diethylphthalate	84-66-2	0.097		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	Dimethylphthalate	131-11-3	0.069		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.092		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.092		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	Isophorone	78-59-1	0.069		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	Nitrobenzene	98-95-3	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.082		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	Phenol	108-95-2	0.092		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	TPH	EFH (C10-C40)	EFH-C10-C40	390	390	mg/kg	Y		EPA 8015
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	260	260	mg/kg	Y		EPA 8015
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	36	36	mg/kg	Y	J	EPA 8015
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0021		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	2-Butanone	78-93-3	0.0052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	2-Hexanone	591-78-6	0.017	0.017	mg/kg	Y		EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0029	0.0029	mg/kg	Y	J+	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Acetone	67-64-1	0.038	0.038	mg/kg	Y		EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Benzene	71-43-2	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Bromodichloromethane	75-27-4	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Carbon tetrachloride	56-23-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Chlorobenzene	108-90-7	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Chloroform	67-66-3	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Cumene	98-82-8	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Dibromochloromethane	124-48-1	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Dibromomethane	74-95-3	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Ethyl benzene	100-41-4	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Methylene Chloride	75-09-2	0.0052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	n-Propylbenzene	103-65-1	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	o-Xylene	95-47-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	p-Cymene	99-87-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Styrene	100-42-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Tetrachloroethene	127-18-4	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Toluene	108-88-3	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Trichloroethene	79-01-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.18	0.18	mg/kg	Y	J	EPA 300.1
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	4.6	4.6	mg/kg	Y		EPA 314.0
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00062	0.00062	mg/kg	Y		EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000032	0.000032	mg/kg	Y		EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00028	0.00028	mg/kg	Y		EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000023	0.000023	mg/kg	Y		EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000036	0.0000036	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000088	0.000088	mg/kg	Y		EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000065	0.0000065	mg/kg	Y		EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000013	0.000013	mg/kg	Y	J-	EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000058	0.0000058	mg/kg	Y		EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000081	0.000081	mg/kg	Y		EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000048	0.0000048	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000019	0.000019	mg/kg	Y		EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000045	0.000045	mg/kg	Y		EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000077	0.000077	mg/kg	Y		EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000022	0.0000022	mg/kg	Y		EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	HpCDD (total)	37871-00-4	0.000035	0.000035	mg/kg	Y		EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	HpCDF (total)	38998-75-3	0.00054	0.00054	mg/kg	Y		EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	HxCDD (total)	34465-46-8	0.000045	0.000045	mg/kg	Y		EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	HxCDF (total)	55684-94-1	0.00064	0.00064	mg/kg	Y	J-	EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	PeCDD (total)	36088-22-9	0.000053	0.000053	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	PeCDF (total)	30402-15-4	0.00077	0.00077	mg/kg	Y	J	EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	TCDD (total)	41903-57-5	0.000073	0.000073	mg/kg	Y		EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Dioxins	TCDF (total)	30402-14-3	0.0009	0.0009	mg/kg	Y		EPA 8290
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	110000	110000	mg/kg	Y		SM 2320
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	General Chemistry	Ammonia	7664-41-7	3.6	3.6	mg/kg	Y	J	SM 4500 NH3-D
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	130000	130000	mg/kg	Y		SM 2320
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	General Chemistry	Bromide	24959-67-9	3.5		mg/kg	N	U	EPA 300
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	General Chemistry	Carbonate as CO3	3812-32-6	300	300	mg/kg	Y		SM 2320
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	General Chemistry	Chloride	16887-00-6	9.5	9.5	mg/kg	Y		EPA 300
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	General Chemistry	Hydroxide	14280-30-9	170		mg/kg	N	U	SM 2320
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	General Chemistry	Nitrate	14797-55-8	14	14	mg/kg	Y		EPA 300
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	13.72857143	13.72857143	mg/kg	Y		EPA 300
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	General Chemistry	ortho-Phosphate	11-36-9	4		mg/kg	N	UJ	EPA 300
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	General Chemistry	Sulfate	14808-79-8	66	66	mg/kg	Y		EPA 300
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Aluminum	7429-90-5	12000	12000	mg/kg	Y		EPA 6010
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Antimony	7440-36-0	0.5		mg/kg	N	U	EPA 6020
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Arsenic	7440-38-2	11	11	mg/kg	Y		EPA 6020
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Barium	7440-39-3	280	280	mg/kg	Y	J+	EPA 6010
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Boron	7440-42-8	75	75	mg/kg	Y		EPA 6010
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Cadmium	7440-43-9	0.5		mg/kg	N	U	EPA 6010
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Chromium (total)	7440-47-3	22	22	mg/kg	Y		EPA 6010
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Chromium VI	18540-29-9	2.7	2.7	mg/kg	Y	J-	EPA 7199
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Cobalt	7440-48-4	8.9	8.9	mg/kg	Y		EPA 6010
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Copper	7440-50-8	27	27	mg/kg	Y		EPA 6010
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Iron	7439-89-6	19000	19000	mg/kg	Y		EPA 6010
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Lead	7439-92-1	21	21	mg/kg	Y		EPA 6010
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Magnesium	7439-95-4	20000	20000	mg/kg	Y		EPA 6010
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Manganese	7439-96-5	2000	2000	mg/kg	Y		EPA 6010
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Mercury	7439-97-6	0.031	0.031	mg/kg	Y		EPA 7471
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Molybdenum	7439-98-7	2.9	2.9	mg/kg	Y	J	EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Nickel	7440-02-0	14	14	mg/kg	Y		EPA 6010
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Niobium	7440-03-1	1.9		mg/kg	N	UJ	EPA 6020
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Palladium	7440-05-3	0.052		mg/kg	N	U	EPA 6020
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Phosphorus (total)	7723-14-0	820	820	mg/kg	Y		EPA 6010
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Selenium	7782-49-2	0.5		mg/kg	N	U	EPA 6020
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Silicon	7440-21-3	260	260	mg/kg	Y	J-	EPA 6010
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Silver	7440-22-4	1.5		mg/kg	N	U	EPA 6010
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Strontium	7440-24-6	420	420	mg/kg	Y	J+	EPA 6010
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Sulfur	7704-34-9	2400	2400	mg/kg	Y	J+	EPA 6020
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Thallium	7440-28-0	0.25		mg/kg	N	U	EPA 6020
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Tungsten	7440-33-7	9.9		mg/kg	N	UJ	EPA 6010
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Uranium (total)	7440-61-1	2.7	2.7	mg/kg	Y		EPA 6020
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Zinc	7440-66-6	83	83	mg/kg	Y	J	EPA 6010
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	Metals	Zirconium	7440-67-7	23	23	mg/kg	Y		EPA 6010
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	2,4'-DDE	3424-82-6	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	4,4'-DDD	72-54-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	4,4'-DDE	72-55-9	0.0032	0.0032	mg/kg	Y	J	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	4,4'-DDT	50-29-3	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	Aldrin	309-00-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	alpha-BHC	319-84-6	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	alpha-Chlordane	5103-71-9	0.002		mg/kg	N	U	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	beta-BHC	319-85-7	0.0028	0.0028	mg/kg	Y	J	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	delta-BHC	319-86-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	Dieldrin	60-57-1	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	Endosulfan I	959-98-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	Endosulfan II	33213-65-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	Endosulfan sulfate	1031-07-8	0.002		mg/kg	N	U	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	Endrin	72-20-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	Endrin aldehyde	7421-93-4	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	Endrin ketone	53494-70-5	0.002		mg/kg	N	U	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	gamma-BHC	58-89-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	gamma-Chlordane	5103-74-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	Heptachlor	76-44-8	0.002		mg/kg	N	U	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	Heptachlor epoxide	1024-57-3	0.002		mg/kg	N	U	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	Hexachlorobenzene	118-74-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	Methoxychlor	72-43-5	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	Toxaphene	8001-35-2	0.05		mg/kg	N	U	EPA 8081
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Chlorpyrifos	2921-88-2	0.0061		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Coumaphos	56-72-4	0.0027		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Dasanit	115-90-2	0.0078		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Demeton (O + S)	8065-48-3	0.0072		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Demeton-O	298-03-3	0.005		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Demeton-S	126-75-0	0.0046		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Diazinon	333-41-5	0.0069		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Dichlorovos	62-73-7	0.007		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Dimethoate	60-51-5	0.0067		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Disulfoton	298-04-4	0.0074		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	EPN	2104-64-5	0.0035		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Ethoprop	13194-48-4	0.0047		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Famphur	52-85-7	0.0031		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Fenthion	55-38-9	0.0083		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Guthion	86-50-0	0.0033		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Malathion	121-75-5	0.0044		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Merphos	150-50-5	0.0049		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Methyl parathion	298-00-0	0.0061		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Mevinphos	7786-34-7	0.0044		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Naled	300-76-5	0.22		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Parathion	56-38-2	0.005		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Phorate	298-02-2	0.0054		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Prothiophos	34643-46-4	0.0037		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Ronnel	299-84-3	0.014		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Simazine	122-34-9	0.021		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Stirophos	22248-79-9	0.0042		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Sulfotepp	3689-24-5	0.006		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Sulprofos	35400-43-2	0.004		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Thionazin	297-97-2	0.0053		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OPPs	Trichloronate	327-98-0	0.0059		mg/kg	N	U	EPA 8141A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	1-Methylnaphthalene	90-12-0	0.32		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	2-Methylnaphthalene	91-57-6	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	Acenaphthene	83-32-9	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	Acenaphthylene	208-96-8	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	Anthracene	120-12-7	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	Benzo(a)anthracene	56-55-3	0.004		mg/kg	N	U	EPA 8270 SIM

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	Benzo(a)pyrene	50-32-8	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	Chrysene	218-01-9	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	Fluoranthene	206-44-0	0.0042	0.0042	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	Fluorene	86-73-7	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	Naphthalene	91-20-3	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	Phenanthrene	85-01-8	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	Pyrene	129-00-0	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1260	11096-82-5	0.048	0.048	mg/kg	Y	J	EPA 8082
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.0000056	0.0000056	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.0000082	0.0000082	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000033	0.000033	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000065	0.0000065	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.00003	0.00003	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000045		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.00023	0.00023	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.0000051		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000035		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.00003	0.00003	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000043		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.00068	0.00068	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.00003	0.00003	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.00048	0.00048	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.000013		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.0000046	0.0000046	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.000062	0.000062	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.000031	0.000031	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.001	0.001	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.000014		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.000041	0.000041	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.00095	0.00095	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.000016		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.000014		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.000075	0.000075	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.000028	0.000028	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.000087	0.000087	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.000037	0.000037	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.00053	0.00053	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.0000009	0.0000009	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.000008		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.00056	0.00056	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.0000089		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.0000088		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.00038	0.00038	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.000043	0.000043	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.00041	0.00041	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.0013	0.0013	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.000025	0.000025	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.0000081		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.0000085		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.0000022	0.0000022	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.00024	0.00024	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.0000099		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.0000082		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.000014	0.000014	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.000063	0.000063	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.000038		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.000033		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.000031		mg/kg	N	U	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.00073	0.00073	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.0000032	0.0000032	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.000028		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.00000057	0.00000057	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.00029	0.00029	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.000069	0.000069	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.000026	0.000026	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.000089	0.000089	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.00025	0.00025	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.000035		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.0019	0.0019	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.000047	0.000047	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.00044	0.00044	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.000045	0.000045	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.0017	0.0017	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.000032		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.00033	0.00033	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.00096	0.00096	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.00003		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.00002		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.000032	0.000032	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.00098	0.00098	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.000026		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.000023		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.00054	0.00054	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.000027		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.00039	0.00039	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.000023	0.000023	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.0053	0.0053	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.00069	0.00069	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.0042	0.0042	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.00018	0.00018	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.00036	0.00036	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.0027	0.0027	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.00052	0.00052	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.00095	0.00095	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.000007		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.000027	0.000027	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.0027	0.0027	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.000037	0.000037	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.00029	0.00029	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.0000023		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.0044	0.0044	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.000023	0.000023	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.00021	0.00021	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.0013	0.0013	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.000006		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.0019	0.0019	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.00079	0.00079	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.0011	0.0011	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.000059	0.000059	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.00067	0.00067	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.00072	0.00072	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.00047	0.00047	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.0055	0.0055	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 107+124	PCB107+124	0.000033	0.000033	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 110+115	PCB110+115	0.0017	0.0017	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 12+13	PCB12+13	0.000042	0.000042	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 128+166	PCB128+166	0.00069	0.00069	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.01	0.01	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 134+143	PCB134+143	0.00024	0.00024	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 135+151	PCB135+151	0.0017	0.0017	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 139+140	PCB139+140	0.000029		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 147+149	PCB147+149	0.0057	0.0057	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 153+168	PCB153+168	0.01	0.01	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 156+157	PCB156+157	0.0008	0.0008	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 171+173	PCB171+173	0.0016	0.0016	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 18+30	PCB18+30	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 180+193	PCB180+193	0.012	0.012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 198+199	PCB198+199	0.0016	0.0016	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 20+28	PCB20+28	0.0016	0.0016	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 21+33	PCB21+33	0.00052	0.00052	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 26+29	PCB26+29	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 40+71	PCB40+71	0.00037	0.00037	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.00057	0.00057	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 49+69	PCB49+69	0.00029	0.00029	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 50+53	PCB50+53	0.000055	0.000055	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.000055	0.000055	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.0016	0.0016	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.000091	0.000091	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.00051	0.00051	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 88+91	PCB88+91	0.000039	0.000039	mg/kg	Y	J	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.0018	0.0018	mg/kg	Y		EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 93+100	PCB93+100	0.00003		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	PCBs 98+102	PCB98+102	0.000027		mg/kg	N	U	EPA 1668A
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	RAD	Radium-226	Ra-226	0.9	0.9	pCi/g	Y		EPA 903.0
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	RAD	Radium-228	Ra-228	0.842	0.842	pCi/g	Y	J	EPA 904.0
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	RAD	Thorium-228	Th-228	1.24	1.24	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	RAD	Thorium-230	Th-230	0.997	0.997	pCi/g	Y	J	DOE EML HASL 300 A-01-R
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	RAD	Thorium-232	Th-232	1.21	1.21	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	RAD	Uranium-234	U-234	0.883	0.883	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	RAD	Uranium-235	U-235	0.0449	0.0449	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	RAD	Uranium-238	U-238	0.753	0.753	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.28		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.16		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.28		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.71		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.17		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.21		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	2-Chlorophenol	95-57-8	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	2-Methylphenol	95-48-7	0.17		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	2-Nitroaniline	88-74-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	2-Nitrophenol	88-75-5	0.29		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.29		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.32		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	3-Nitroaniline	99-09-2	0.29		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.16		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	4-Chloroaniline	106-47-8	0.29		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.18		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	4-Nitroaniline	100-01-6	0.29		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	4-Nitrophenol	100-02-7	0.3		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	Aniline	62-53-3	0.18		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	Benzidine	92-87-5	1.4		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	Benzoic acid	65-85-0	0.73		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	Benzyl alcohol	100-51-6	0.32		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.29		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.19		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.17		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	Dibenzofuran	132-64-9	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	Diethylphthalate	84-66-2	0.21		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	Dimethylphthalate	131-11-3	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.19		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.19		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.29		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	Hexachloroethane	67-72-1	0.29		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	Isophorone	78-59-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	Nitrobenzene	98-95-3	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.17		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	Octachlorostyrene	29082-74-4	5		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	Pentachlorophenol	87-86-5	0.73		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	Phenol	108-95-2	0.19		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	SVOCs	Pyridine	110-86-1	0.32		mg/kg	N	U	EPA 8270
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	TPH	EFH (C10-C40)	EFH-C10-C40	15	15	mg/kg	Y		EPA 8015
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	5.1		mg/kg	N	U	EPA 8015
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	6.2	6.2	mg/kg	Y	J	EPA 8015
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	2-Butanone	78-93-3	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	2-Hexanone	591-78-6	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Acetone	67-64-1	0.054	0.054	mg/kg	Y		EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Benzene	71-43-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Bromodichloromethane	75-27-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Carbon tetrachloride	56-23-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Chlorobenzene	108-90-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Chloroform	67-66-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Cumene	98-82-8	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Dibromochloromethane	124-48-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Dibromomethane	74-95-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Ethyl benzene	100-41-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Methylene Chloride	75-09-2	0.005		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	n-Propylbenzene	103-65-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	o-Xylene	95-47-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	p-Cymene	99-87-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Styrene	100-42-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Tetrachloroethene	127-18-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Toluene	108-88-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Trichloroethene	79-01-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Chlorine Oxyanions	Chlorate	14866-68-3	15	15	mg/kg	Y		EPA 300.1
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	30	30	mg/kg	Y		EPA 314.0
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0011	0.0011	mg/kg	Y		EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000044	0.000044	mg/kg	Y		EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00047	0.00047	mg/kg	Y		EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000036	0.000036	mg/kg	Y		EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00018	0.00018	mg/kg	Y		EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00023	0.00023	mg/kg	Y		EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000058	0.0000058	mg/kg	Y		EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000024	0.000024	mg/kg	Y	J-	EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00001	0.00001	mg/kg	Y		EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000062	0.0000062	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000026	0.000026	mg/kg	Y		EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000055	0.000055	mg/kg	Y		EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000065	0.000065	mg/kg	Y		EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000023	0.0000023	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	HpCDD (total)	37871-00-4	0.000056	0.000056	mg/kg	Y		EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	HpCDF (total)	38998-75-3	0.00093	0.00093	mg/kg	Y		EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	HxCDD (total)	34465-46-8	0.000083	0.000083	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	HxCDF (total)	55684-94-1	0.00093	0.00093	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	PeCDD (total)	36088-22-9	0.000084	0.000084	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	PeCDF (total)	30402-15-4	0.00094	0.00094	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	TCDD (total)	41903-57-5	0.000089	0.000089	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Dioxins	TCDF (total)	30402-14-3	0.00085	0.00085	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	38000	38000	mg/kg	Y		SM 2320
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	General Chemistry	Ammonia	7664-41-7	2.6		mg/kg	N	U	SM 4500 NH3-D
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	46000	46000	mg/kg	Y		SM 2320
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	General Chemistry	Bromide	24959-67-9	3.9		mg/kg	N	U	EPA 300
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	General Chemistry	Carbonate as CO3	3812-32-6	330	330	mg/kg	Y		SM 2320
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	General Chemistry	Chloride	16887-00-6	240	240	mg/kg	Y		EPA 300
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	General Chemistry	Hydroxide	14280-30-9	190		mg/kg	N	U	SM 2320
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	General Chemistry	Nitrate	14797-55-8	39	39	mg/kg	Y		EPA 300
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	39.41428571	39.41428571	mg/kg	Y		EPA 300
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	General Chemistry	ortho-Phosphate	11-36-9	4.4		mg/kg	N	UJ	EPA 300
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	General Chemistry	Sulfate	14808-79-8	670	670	mg/kg	Y		EPA 300
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Aluminum	7429-90-5	11000	11000	mg/kg	Y		EPA 6010
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Antimony	7440-36-0	0.55		mg/kg	N	U	EPA 6020
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Arsenic	7440-38-2	2.9	2.9	mg/kg	Y		EPA 6020
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Barium	7440-39-3	180	180	mg/kg	Y	J+	EPA 6010
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Boron	7440-42-8	16	16	mg/kg	Y		EPA 6010
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Cadmium	7440-43-9	0.27		mg/kg	N	U	EPA 6010
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Chromium (total)	7440-47-3	15	15	mg/kg	Y		EPA 6010
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Chromium VI	18540-29-9	0.44		mg/kg	N	UJ	EPA 7199
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Cobalt	7440-48-4	8	8	mg/kg	Y		EPA 6010
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Copper	7440-50-8	20	20	mg/kg	Y		EPA 6010
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Iron	7439-89-6	16000	16000	mg/kg	Y		EPA 6010
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Lead	7439-92-1	7.7	7.7	mg/kg	Y		EPA 6010
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Magnesium	7439-95-4	13000	13000	mg/kg	Y		EPA 6010
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Manganese	7439-96-5	430	430	mg/kg	Y		EPA 6010
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Mercury	7439-97-6	0.23	0.23	mg/kg	Y		EPA 7471
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Molybdenum	7439-98-7	1.1		mg/kg	N	U	EPA 6010
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Nickel	7440-02-0	17	17	mg/kg	Y		EPA 6010
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Niobium	7440-03-1	1.9		mg/kg	N	UJ	EPA 6020
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Palladium	7440-05-3	0.06		mg/kg	N	U	EPA 6020
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Phosphorus (total)	7723-14-0	1000	1000	mg/kg	Y		EPA 6010
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Selenium	7782-49-2	0.55		mg/kg	N	U	EPA 6020
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Silicon	7440-21-3	150	150	mg/kg	Y	J-	EPA 6010
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Silver	7440-22-4	0.82		mg/kg	N	U	EPA 6010
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Strontium	7440-24-6	240	240	mg/kg	Y	J+	EPA 6010
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Sulfur	7704-34-9	2400	2400	mg/kg	Y	J+	EPA 6020
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Thallium	7440-28-0	0.27		mg/kg	N	U	EPA 6020
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Tungsten	7440-33-7	5.5		mg/kg	N	UJ	EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Uranium (total)	7440-61-1	1.5	1.5	mg/kg	Y		EPA 6020
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Zinc	7440-66-6	38	38	mg/kg	Y	J	EPA 6010
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	Metals	Zirconium	7440-67-7	25	25	mg/kg	Y		EPA 6010
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	2,4'-DDE	3424-82-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	4,4'-DDE	72-55-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	4,4'-DDT	50-29-3	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	alpha-Chlordane	5103-71-9	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	beta-BHC	319-85-7	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	Endrin ketone	53494-70-5	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	Heptachlor	76-44-8	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	Hexachlorobenzene	118-74-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	Toxaphene	8001-35-2	0.055		mg/kg	N	U	EPA 8081
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Atrazine	1912-24-9	0.013		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Chlorpyrifos	2921-88-2	0.007		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Coumaphos	56-72-4	0.003		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Dasanit	115-90-2	0.0088		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Demeton (O + S)	8065-48-3	0.0081		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Demeton-O	298-03-3	0.0057		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Demeton-S	126-75-0	0.0052		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Diazinon	333-41-5	0.0078		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Dichlorovos	62-73-7	0.008		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Dimethoate	60-51-5	0.0076		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Disulfoton	298-04-4	0.0083		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	EPN	2104-64-5	0.004		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Ethoprop	13194-48-4	0.0053		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Famphur	52-85-7	0.0035		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Fenthion	55-38-9	0.0094		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Guthion	86-50-0	0.0038		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Malathion	121-75-5	0.005		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Merphos	150-50-5	0.0055		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Methyl parathion	298-00-0	0.0069		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Mevinphos	7786-34-7	0.005		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Naled	300-76-5	0.24		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Parathion	56-38-2	0.0057		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Phorate	298-02-2	0.0061		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Prothiophos	34643-46-4	0.0042		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Ronnel	299-84-3	0.016		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Simazine	122-34-9	0.024		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Stirophos	22248-79-9	0.0047		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Sulfotepp	3689-24-5	0.0068		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Sulprofos	35400-43-2	0.0046		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Thionazin	297-97-2	0.006		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OPPs	Trichloronate	327-98-0	0.0067		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	1-Methylnaphthalene	90-12-0	0.33		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	2-Methylnaphthalene	91-57-6	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	Acenaphthene	83-32-9	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	Acenaphthylene	208-96-8	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	Anthracene	120-12-7	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	Benzo(a)anthracene	56-55-3	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	Benzo(a)pyrene	50-32-8	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	Chrysene	218-01-9	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	Fluoranthene	206-44-0	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	Fluorene	86-73-7	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	Naphthalene	91-20-3	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	Phenanthrene	85-01-8	0.0044		mg/kg	N	U	EPA 8270 SIM

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	Pyrene	129-00-0	0.0044		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1260	11096-82-5	0.019		mg/kg	N	U	EPA 8082
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.000034	0.000034	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.000026	0.000026	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.0000098	0.0000098	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000035		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.0000081	0.0000081	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000033		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.0000037		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000032		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.0000071	0.0000071	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000032		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.000003	0.000003	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000045	0.0000045	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00000066		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.00000082	0.00000082	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.0000074	0.0000074	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.00000073		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.0000018	0.0000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.00000084		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.0000021	0.0000021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.0000058	0.0000058	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.0000057	0.0000057	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.0000039	0.0000039	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000025	0.000025	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.0000049	0.0000049	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.000027	0.000027	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.0000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.000005	0.000005	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.000051	0.000051	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.000002		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.0000043	0.0000043	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.0000049	0.0000049	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.0000038	0.0000038	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.000018	0.000018	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.0000042	0.0000042	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.0000066	0.0000066	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.0000061	0.0000061	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.000029	0.000029	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.000013		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.000022	0.000022	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.000011		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.000029	0.000029	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.00001		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.000096	0.000096	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.0000032	0.0000032	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000046	0.000046	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0000095	0.0000095	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000075	0.000075	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.000045	0.000045	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.000028	0.000028	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.000007		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.000013	0.000013	mg/kg	Y		EPA 1668A

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0000096	0.0000096	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.0000083		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.0000076		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.000008		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.000076	0.000076	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.00021	0.00021	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.000023	0.000023	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.000061	0.000061	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.000023	0.000023	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.000055	0.000055	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.00001		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.00001		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.000031	0.000031	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.0000081	0.0000081	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.000094	0.000094	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.000012		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.00006	0.00006	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.0000057	0.0000057	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.00053	0.00053	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.0005	0.0005	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.000069	0.000069	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.00007	0.00007	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.00028	0.00028	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.000092	0.000092	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.000025	0.000025	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.000031	0.000031	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.00029	0.00029	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.000071	0.000071	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.000064	0.000064	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.00046	0.00046	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.000037	0.000037	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.000055	0.000055	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.000041	0.000041	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.00025	0.00025	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.0001	0.0001	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.00024	0.00024	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.000073	0.000073	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.000061	0.000061	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.00018	0.00018	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.000099	0.000099	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.000077	0.000077	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.00046	0.00046	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.00073	0.00073	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.00042	0.00042	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.0059	0.0059	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 107+124	PCB107+124	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 110+115	PCB110+115	0.00024	0.00024	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 12+13	PCB12+13	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 128+166	PCB128+166	0.000089	0.000089	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.00099	0.00099	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 134+143	PCB134+143	0.000038	0.000038	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 135+151	PCB135+151	0.00025	0.00025	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 139+140	PCB139+140	0.00002	0.00002	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 147+149	PCB147+149	0.0006	0.0006	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 153+168	PCB153+168	0.00088	0.00088	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 156+157	PCB156+157	0.0001	0.0001	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 171+173	PCB171+173	0.00025	0.00025	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 18+30	PCB18+30	0.0000036	0.0000036	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 180+193	PCB180+193	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 198+199	PCB198+199	0.00033	0.00033	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 20+28	PCB20+28	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 21+33	PCB21+33	0.0000043	0.0000043	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 26+29	PCB26+29	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 40+71	PCB40+71	0.000024	0.000024	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.000028	0.000028	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 49+69	PCB49+69	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 50+53	PCB50+53	0.0000082	0.0000082	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.000074	0.000074	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.000074	0.000074	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 88+91	PCB88+91	0.000023	0.000023	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.00018	0.00018	mg/kg	Y		EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 93+100	PCB93+100	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	PCBs 98+102	PCB98+102	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	RAD	Radium-226	Ra-226	0.972	0.972	pCi/g	Y		EPA 903.0
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	RAD	Radium-228	Ra-228	1.3	1.3	pCi/g	Y		EPA 904.0
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	RAD	Thorium-228	Th-228	1.69	1.69	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	RAD	Thorium-230	Th-230	1.2	1.2	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	RAD	Thorium-232	Th-232	1.64	1.64	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	RAD	Uranium-234	U-234	0.978	0.978	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	RAD	Uranium-235	U-235	0.0381		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	RAD	Uranium-238	U-238	0.922	0.922	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.28		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.16		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.28		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.72		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.18		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.21		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	2-Chlorophenol	95-57-8	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	2-Methylphenol	95-48-7	0.18		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	2-Nitroaniline	88-74-4	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	2-Nitrophenol	88-75-5	0.29		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.29		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.33		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	3-Nitroaniline	99-09-2	0.29		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.16		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	4-Chloroaniline	106-47-8	0.29		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.19		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	4-Nitroaniline	100-01-6	0.29		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	4-Nitrophenol	100-02-7	0.31		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	Aniline	62-53-3	0.19		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	Benzidine	92-87-5	1.4		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	Benzoic acid	65-85-0	0.74		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	Benzyl alcohol	100-51-6	0.33		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.29		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.2		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.18		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	Dibenzofuran	132-64-9	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	Diethylphthalate	84-66-2	0.21		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	Dimethylphthalate	131-11-3	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.2		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.2		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.29		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	Hexachloroethane	67-72-1	0.29		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	Isophorone	78-59-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	Nitrobenzene	98-95-3	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.18		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	Octachlorostyrene	29082-74-4	5		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	Pentachlorophenol	87-86-5	0.74		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	Phenol	108-95-2	0.2		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	SVOCs	Pyridine	110-86-1	0.33		mg/kg	N	U	EPA 8270
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	TPH	EFH (C10-C40)	EFH-C10-C40	48	48	mg/kg	Y		EPA 8015
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	32	32	mg/kg	Y		EPA 8015
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.7	2.7	mg/kg	Y	J	EPA 8015
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.16		mg/kg	N	U	EPA 8015
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	2-Butanone	78-93-3	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	2-Hexanone	591-78-6	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Acetone	67-64-1	0.0081		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Benzene	71-43-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Bromodichloromethane	75-27-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Carbon tetrachloride	56-23-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Chlorobenzene	108-90-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Chloroform	67-66-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Cumene	98-82-8	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Dibromochloromethane	124-48-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Dibromomethane	74-95-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Ethyl benzene	100-41-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Methylene Chloride	75-09-2	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	n-Propylbenzene	103-65-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	o-Xylene	95-47-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	p-Cymene	99-87-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Styrene	100-42-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Tetrachloroethene	127-18-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Toluene	108-88-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Trichloroethene	79-01-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.62	0.62	mg/kg	Y		EPA 300.1
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	1.7	1.7	mg/kg	Y		EPA 314.0
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0093	0.0093	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00048	0.00048	mg/kg	Y		EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0038	0.0038	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00033	0.00033	mg/kg	Y		EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0016	0.0016	mg/kg	Y		EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0018	0.0018	mg/kg	Y		EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00004	0.00004	mg/kg	Y		EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00098	0.00098	mg/kg	Y		EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000091	0.000091	mg/kg	Y		EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00017	0.00017	mg/kg	Y	J-	EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000075	0.000075	mg/kg	Y		EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00072	0.00072	mg/kg	Y		EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000048	0.000048	mg/kg	Y		EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00021	0.00021	mg/kg	Y		EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00038	0.00038	mg/kg	Y		EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00036	0.00036	mg/kg	Y		EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000015	0.000015	mg/kg	Y		EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	HpCDD (total)	37871-00-4	0.0005	0.0005	mg/kg	Y		EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	HpCDF (total)	38998-75-3	0.0077	0.0077	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	HxCDD (total)	34465-46-8	0.00062	0.00062	mg/kg	Y		EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	HxCDF (total)	55684-94-1	0.0071	0.0071	mg/kg	Y	J-	EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	PeCDD (total)	36088-22-9	0.00062	0.00062	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	PeCDF (total)	30402-15-4	0.0065	0.0065	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	TCDD (total)	41903-57-5	0.00052	0.00052	mg/kg	Y		EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Dioxins	TCDF (total)	30402-14-3	0.0045	0.0045	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	10000	10000	mg/kg	Y		SM 2320
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	General Chemistry	Ammonia	7664-41-7	2.5		mg/kg	N	U	SM 4500 NH3-D
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	11000	11000	mg/kg	Y		SM 2320
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	General Chemistry	Bromide	24959-67-9	3.7		mg/kg	N	U	EPA 300
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	General Chemistry	Carbonate as CO3	3812-32-6	630	630	mg/kg	Y		SM 2320
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	General Chemistry	Chloride	16887-00-6	19	19	mg/kg	Y		EPA 300
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	General Chemistry	Hydroxide	14280-30-9	180		mg/kg	N	U	SM 2320
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	General Chemistry	Nitrate	14797-55-8	12	12	mg/kg	Y		EPA 300
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	11.51428571	11.51428571	mg/kg	Y		EPA 300
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	General Chemistry	ortho-Phosphate	11-36-9	4.3		mg/kg	N	UJ	EPA 300
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	General Chemistry	Sulfate	14808-79-8	290	290	mg/kg	Y		EPA 300
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Aluminum	7429-90-5	8500	8500	mg/kg	Y		EPA 6010
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Antimony	7440-36-0	0.52		mg/kg	N	U	EPA 6020
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Arsenic	7440-38-2	2.9	2.9	mg/kg	Y		EPA 6020
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Barium	7440-39-3	140	140	mg/kg	Y	J+	EPA 6010
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Boron	7440-42-8	13		mg/kg	N	U	EPA 6010
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Cadmium	7440-43-9	1.3		mg/kg	N	U	EPA 6010
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Chromium (total)	7440-47-3	9.7	9.7	mg/kg	Y		EPA 6010
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Chromium VI	18540-29-9	0.42		mg/kg	N	UJ	EPA 7199
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Cobalt	7440-48-4	11	11	mg/kg	Y		EPA 6010
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Copper	7440-50-8	18	18	mg/kg	Y		EPA 6010
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Iron	7439-89-6	12000	12000	mg/kg	Y		EPA 6010
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Lead	7439-92-1	9.3	9.3	mg/kg	Y	J	EPA 6010
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Magnesium	7439-95-4	6500	6500	mg/kg	Y		EPA 6010
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Manganese	7439-96-5	9600	9600	mg/kg	Y		EPA 6010
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Mercury	7439-97-6	1.8	1.8	mg/kg	Y		EPA 7471
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Molybdenum	7439-98-7	5.2		mg/kg	N	U	EPA 6010
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Nickel	7440-02-0	14	14	mg/kg	Y		EPA 6010
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Niobium	7440-03-1	1.7		mg/kg	N	UJ	EPA 6020
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Palladium	7440-05-3	0.052		mg/kg	N	U	EPA 6020
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Phosphorus (total)	7723-14-0	1300	1300	mg/kg	Y		EPA 6010
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Selenium	7782-49-2	0.52		mg/kg	N	U	EPA 6020
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Silicon	7440-21-3	180	180	mg/kg	Y	J-	EPA 6010
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Silver	7440-22-4	3.9		mg/kg	N	U	EPA 6010
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Strontium	7440-24-6	130	130	mg/kg	Y	J+	EPA 6010
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Sulfur	7704-34-9	570	570	mg/kg	Y	J+	EPA 6020
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Tungsten	7440-33-7	26		mg/kg	N	UJ	EPA 6010
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Uranium (total)	7440-61-1	1.2	1.2	mg/kg	Y		EPA 6020
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Zinc	7440-66-6	78	78	mg/kg	Y	J	EPA 6010
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	Metals	Zirconium	7440-67-7	17	17	mg/kg	Y	J	EPA 6010
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	2,4'-DDE	3424-82-6	0.002	0.002	mg/kg	Y	J+	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	4,4'-DDE	72-55-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	4,4'-DDT	50-29-3	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	beta-BHC	319-85-7	0.0016		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	Hexachlorobenzene	118-74-1	0.97	0.97	mg/kg	Y		EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	Toxaphene	8001-35-2	0.052		mg/kg	N	U	EPA 8081
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Chlorpyrifos	2921-88-2	0.0066		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Coumaphos	56-72-4	0.0028		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Dasanit	115-90-2	0.0083		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Demeton (O + S)	8065-48-3	0.0076		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Demeton-O	298-03-3	0.0054		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Demeton-S	126-75-0	0.0049		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Diazinon	333-41-5	0.0074		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Dichlorovos	62-73-7	0.0075		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Dimethoate	60-51-5	0.0072		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Disulfoton	298-04-4	0.0078		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	EPN	2104-64-5	0.0037		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Ethoprop	13194-48-4	0.005		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Famphur	52-85-7	0.0033		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Fenthion	55-38-9	0.0089		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Guthion	86-50-0	0.0036		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Malathion	121-75-5	0.0047		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Merphos	150-50-5	0.0052		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Methyl parathion	298-00-0	0.0065		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Mevinphos	7786-34-7	0.0047		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Naled	300-76-5	0.23		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Parathion	56-38-2	0.0054		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Phorate	298-02-2	0.0058		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Prothiophos	34643-46-4	0.004		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Ronnel	299-84-3	0.015		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Simazine	122-34-9	0.022		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Stirophos	22248-79-9	0.0044		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Sulfotepp	3689-24-5	0.0064		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Sulprofos	35400-43-2	0.0043		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Thionazin	297-97-2	0.0057		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OPPs	Trichloronate	327-98-0	0.0063		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	1-Methylnaphthalene	90-12-0	0.16		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	2-Methylnaphthalene	91-57-6	0.074		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	Acenaphthene	83-32-9	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	Acenaphthylene	208-96-8	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	Anthracene	120-12-7	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.04	0.04	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.03	0.03	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	Chrysene	218-01-9	0.032	0.032	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	Fluoranthene	206-44-0	0.021	0.021	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	Fluorene	86-73-7	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	Naphthalene	91-20-3	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	Phenanthrene	85-01-8	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	Pyrene	129-00-0	0.021	0.021	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1260	11096-82-5	0.018		mg/kg	N	U	EPA 8082
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.000032	0.000032	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.0000052		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000032		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000031		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000031	0.000031	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000027		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000026	0.000026	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000029		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000089	0.0000089	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.0000023		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.0000084	0.0000084	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.0000029	0.0000029	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.0000025	0.0000025	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.000028	0.000028	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.000044	0.000044	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000064	0.0000064	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.0000055	0.0000055	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.0000053	0.0000053	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.0000094	0.0000094	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.0000078	0.0000078	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.0000081	0.0000081	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000039	0.000039	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.000036	0.000036	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.000065	0.000065	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.00003	0.00003	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.000037	0.000037	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.000042	0.000042	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.000026	0.000026	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.000054	0.000054	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.00004	0.00004	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.000067	0.000067	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.000026		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.000042	0.000042	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.000067	0.000067	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.000066	0.000066	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000061	0.000061	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.000032	0.000032	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000072	0.000072	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.000084	0.000084	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.000079	0.000079	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.000014		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.000047	0.000047	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.000088	0.000088	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.00008	0.00008	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.000041	0.000041	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.000025	0.000025	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.00004	0.00004	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.000056	0.000056	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.00029	0.00029	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.00005	0.00005	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.00012	0.00012	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.000061	0.000061	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.000029	0.000029	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.00036	0.00036	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.000055	0.000055	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.000021	0.000021	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.000054	0.000054	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.000065	0.000065	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.000097	0.000097	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.00021	0.00021	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.000058	0.000058	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.000025	0.000025	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.00035	0.00035	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.00039	0.00039	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.00035	0.00035	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.00021	0.00021	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.00023	0.00023	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.00024	0.00024	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.00022	0.00022	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.00043	0.00043	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.00039	0.00039	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00006	0.00006	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.00042	0.00042	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.00024	0.00024	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.00041	0.00041	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.00022	0.00022	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.00097	0.00097	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.00082	0.00082	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.00036	0.00036	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.00093	0.00093	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.00028	0.00028	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.00051	0.00051	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.00067	0.00067	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.00043	0.00043	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.0032	0.0032	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.0052	0.0052	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.0028	0.0028	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.041	0.041	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 107+124	PCB107+124	0.000065	0.000065	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 110+115	PCB110+115	0.00031	0.00031	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 12+13	PCB12+13	0.000042	0.000042	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 128+166	PCB128+166	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.00053	0.00053	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 134+143	PCB134+143	0.00008	0.00008	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 135+151	PCB135+151	0.00027	0.00027	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 139+140	PCB139+140	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 147+149	PCB147+149	0.00042	0.00042	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 153+168	PCB153+168	0.00038	0.00038	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 156+157	PCB156+157	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 171+173	PCB171+173	0.00064	0.00064	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 18+30	PCB18+30	0.0000064	0.0000064	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 180+193	PCB180+193	0.00092	0.00092	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 198+199	PCB198+199	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 20+28	PCB20+28	0.000024	0.000024	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 21+33	PCB21+33	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 26+29	PCB26+29	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 40+71	PCB40+71	0.000053	0.000053	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.000042	0.000042	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 49+69	PCB49+69	0.000026	0.000026	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 50+53	PCB50+53	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.000031	0.000031	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.0001	0.0001	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.00022	0.00022	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 88+91	PCB88+91	0.000078	0.000078	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 93+100	PCB93+100	0.000062	0.000062	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	PCBs 98+102	PCB98+102	0.000046	0.000046	mg/kg	Y		EPA 1668A
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	RAD	Radium-226	Ra-226	1.06	1.06	pCi/g	Y	J	EPA 903.0
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	RAD	Radium-228	Ra-228	1.26	1.26	pCi/g	Y	J	EPA 904.0
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	RAD	Thorium-228	Th-228	1.65	1.65	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	RAD	Thorium-230	Th-230	1.02	1.02	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	RAD	Thorium-232	Th-232	1.75	1.75	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	RAD	Uranium-234	U-234	0.829	0.829	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	RAD	Uranium-235	U-235	0.0311		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	RAD	Uranium-238	U-238	0.964	0.964	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.079		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.07		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.35		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.084		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.1		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.07		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	2-Chlorophenol	95-57-8	0.074		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	2-Methylphenol	95-48-7	0.084		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	2-Nitroaniline	88-74-4	0.07		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.079		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.074		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.089		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	4-Nitrophenol	100-02-7	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	Aniline	62-53-3	0.089		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	Benzidine	92-87-5	0.69		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	Benzoic acid	65-85-0	0.36		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	Benzyl alcohol	100-51-6	0.16		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.074		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.095		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.084		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	Dibenzofuran	132-64-9	0.07		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	Diethylphthalate	84-66-2	0.1		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	Dimethylphthalate	131-11-3	0.07		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.095		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.095		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	Isophorone	78-59-1	0.07		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	Nitrobenzene	98-95-3	0.074		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.074		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.084		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	Pentachlorophenol	87-86-5	0.36		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	Phenol	108-95-2	0.095		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	SVOCs	Pyridine	110-86-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	TPH	EFH (C10-C40)	EFH-C10-C40	110	110	mg/kg	Y		EPA 8015
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	85	85	mg/kg	Y		EPA 8015
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	23	23	mg/kg	Y		EPA 8015
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00051		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	2-Butanone	78-93-3	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	2-Hexanone	591-78-6	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Acetone	67-64-1	0.0081		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Benzene	71-43-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Bromodichloromethane	75-27-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Carbon tetrachloride	56-23-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Chlorobenzene	108-90-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Chloroform	67-66-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Cumene	98-82-8	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Dibromochloromethane	124-48-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Dibromomethane	74-95-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Ethyl benzene	100-41-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Methylene Chloride	75-09-2	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	n-Propylbenzene	103-65-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	o-Xylene	95-47-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	p-Cymene	99-87-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Styrene	100-42-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Tetrachloroethene	127-18-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Toluene	108-88-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Trichloroethene	79-01-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Chlorine Oxyanions	Chlorate	14866-68-3	76	76	mg/kg	Y		EPA 300.1
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	68	68	mg/kg	Y		EPA 314.0
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.022	0.022	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00085	0.00085	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0086	0.0086	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00072	0.00072	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0035	0.0035	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0039	0.0039	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000098	0.000098	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0019	0.0019	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0002	0.0002	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00039	0.00039	mg/kg	Y	J-	EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0015	0.0015	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00048	0.00048	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0008	0.0008	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00078	0.00078	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00003	0.00003	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	HpCDD (total)	37871-00-4	0.0011	0.0011	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	HpCDF (total)	38998-75-3	0.017	0.017	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	HxCDD (total)	34465-46-8	0.0014	0.0014	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	HxCDF (total)	55684-94-1	0.015	0.015	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	PeCDD (total)	36088-22-9	0.0013	0.0013	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	PeCDF (total)	30402-15-4	0.014	0.014	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	TCDD (total)	41903-57-5	0.0011	0.0011	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Dioxins	TCDF (total)	30402-14-3	0.0097	0.0097	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	37000	37000	mg/kg	Y		SM 2320
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	General Chemistry	Ammonia	7664-41-7	2.5		mg/kg	N	U	SM 4500 NH3-D
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	44000	44000	mg/kg	Y		SM 2320
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	General Chemistry	Bromide	24959-67-9	3.6		mg/kg	N	U	EPA 300
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	General Chemistry	Carbonate as CO3	3812-32-6	610	610	mg/kg	Y		SM 2320
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	General Chemistry	Chloride	16887-00-6	200	200	mg/kg	Y		EPA 300
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	General Chemistry	Hydroxide	14280-30-9	170		mg/kg	N	U	SM 2320
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	General Chemistry	Nitrate	14797-55-8	45	45	mg/kg	Y		EPA 300
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	44.28571429	44.28571429	mg/kg	Y		EPA 300
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	General Chemistry	ortho-Phosphate	11-36-9	4.1		mg/kg	N	UJ	EPA 300
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	General Chemistry	Sulfate	14808-79-8	530	530	mg/kg	Y	J-	EPA 300
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Aluminum	7429-90-5	11000	11000	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Antimony	7440-36-0	0.51		mg/kg	N	U	EPA 6020
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Arsenic	7440-38-2	3.5	3.5	mg/kg	Y		EPA 6020
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Barium	7440-39-3	240	240	mg/kg	Y	J+	EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Boron	7440-42-8	9.1	9.1	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Cadmium	7440-43-9	0.25		mg/kg	N	U	EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Chromium (total)	7440-47-3	19	19	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Chromium VI	18540-29-9	0.41		mg/kg	N	UJ	EPA 7199
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Cobalt	7440-48-4	12	12	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Copper	7440-50-8	29	29	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Iron	7439-89-6	16000	16000	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Lead	7439-92-1	16	16	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Magnesium	7439-95-4	14000	14000	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Manganese	7439-96-5	2100	2100	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Mercury	7439-97-6	0.071	0.071	mg/kg	Y		EPA 7471
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Molybdenum	7439-98-7	1.8	1.8	mg/kg	Y	J	EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Nickel	7440-02-0	17	17	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Niobium	7440-03-1	1.9		mg/kg	N	UJ	EPA 6020
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Palladium	7440-05-3	0.048		mg/kg	N	U	EPA 6020
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Phosphorus (total)	7723-14-0	900	900	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Selenium	7782-49-2	0.51		mg/kg	N	U	EPA 6020
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Silicon	7440-21-3	150	150	mg/kg	Y	J-	EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Silver	7440-22-4	0.76		mg/kg	N	U	EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Strontium	7440-24-6	230	230	mg/kg	Y	J+	EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Sulfur	7704-34-9	1300	1300	mg/kg	Y	J+	EPA 6020
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Tungsten	7440-33-7	5.1		mg/kg	N	UJ	EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Uranium (total)	7440-61-1	1.4	1.4	mg/kg	Y		EPA 6020
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Zinc	7440-66-6	67	67	mg/kg	Y	J	EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	Metals	Zirconium	7440-67-7	22	22	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	2,4'-DDE	3424-82-6	0.0032	0.0032	mg/kg	Y	J	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	4,4'-DDD	72-54-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	4,4'-DDE	72-55-9	0.0038	0.0038	mg/kg	Y	J+	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	4,4'-DDT	50-29-3	0.0024	0.0024	mg/kg	Y	J+	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	Aldrin	309-00-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	alpha-BHC	319-84-6	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	alpha-Chlordane	5103-71-9	0.002		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	beta-BHC	319-85-7	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	delta-BHC	319-86-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	Dieldrin	60-57-1	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	Endosulfan I	959-98-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	Endosulfan II	33213-65-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	Endosulfan sulfate	1031-07-8	0.002		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	Endrin	72-20-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	Endrin aldehyde	7421-93-4	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	Endrin ketone	53494-70-5	0.002		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	gamma-BHC	58-89-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	gamma-Chlordane	5103-74-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	Heptachlor	76-44-8	0.002		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	Heptachlor epoxide	1024-57-3	0.002		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	Hexachlorobenzene	118-74-1	1.1	1.1	mg/kg	Y		EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	Methoxychlor	72-43-5	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	Toxaphene	8001-35-2	0.051		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Chlorpyrifos	2921-88-2	0.0066		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Coumaphos	56-72-4	0.0029		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Dasanit	115-90-2	0.0083		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Demeton (O + S)	8065-48-3	0.0077		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Demeton-O	298-03-3	0.0054		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Demeton-S	126-75-0	0.005		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Diazinon	333-41-5	0.0074		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Dichlorovos	62-73-7	0.0076		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Dimethoate	60-51-5	0.0073		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Disulfoton	298-04-4	0.0079		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	EPN	2104-64-5	0.0038		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Ethoprop	13194-48-4	0.0051		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Famphur	52-85-7	0.0033		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Fenthion	55-38-9	0.009		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Guthion	86-50-0	0.0036		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Malathion	121-75-5	0.0048		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Merphos	150-50-5	0.0053		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Methyl parathion	298-00-0	0.0065		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Mevinphos	7786-34-7	0.0047		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Naled	300-76-5	0.23		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Parathion	56-38-2	0.0054		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Phorate	298-02-2	0.0058		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Prothiophos	34643-46-4	0.004		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Ronnel	299-84-3	0.016		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Simazine	122-34-9	0.023		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Stirophos	22248-79-9	0.0045		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Sulfotepp	3689-24-5	0.0064		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Sulprofos	35400-43-2	0.0043		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Thionazin	297-97-2	0.0057		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OPPs	Trichloronate	327-98-0	0.0064		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	2-Methylnaphthalene	91-57-6	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	Acenaphthene	83-32-9	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	Acenaphthylene	208-96-8	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	Anthracene	120-12-7	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	Benzo(a)anthracene	56-55-3	0.017	0.017	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	Benzo(a)pyrene	50-32-8	0.017	0.017	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.034	0.034	mg/kg	Y		EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.014	0.014	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.011	0.011	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	Chrysene	218-01-9	0.028	0.028	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	Fluoranthene	206-44-0	0.025	0.025	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	Fluorene	86-73-7	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.015	0.015	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	Naphthalene	91-20-3	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	Phenanthrene	85-01-8	0.0092	0.0092	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	Pyrene	129-00-0	0.026	0.026	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1260	11096-82-5	0.017		mg/kg	N	U	EPA 8082
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.000071	0.000071	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.000093	0.000093	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000034	0.000034	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.000009		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.000043	0.000043	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000087		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.00011	0.00011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.000004		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.00006	0.00006	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000083		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.00051	0.00051	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.00003	0.00003	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.0000063		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.0000097	0.0000097	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.000021	0.000021	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.000048	0.000048	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.000065	0.000065	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.000038	0.000038	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.000055	0.000055	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.000046	0.000046	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.000024	0.000024	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.000032	0.000032	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.000032	0.000032	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.000023	0.000023	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.0000052	0.0000052	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.000038	0.000038	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.000027	0.000027	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.000049	0.000049	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.000049	0.000049	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.000038	0.000038	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.000056	0.000056	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.00022	0.00022	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.000029	0.000029	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.000078	0.000078	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.000082	0.000082	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.000031	0.000031	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.000056	0.000056	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.000065	0.000065	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.000064	0.000064	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.000073		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.000063		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.00006		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.00035	0.00035	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.000025	0.000025	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.000071	0.000071	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.000026	0.000026	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.00045	0.00045	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.00023	0.00023	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.000041		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.00033	0.00033	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.00018	0.00018	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.000081	0.000081	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.000048		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.000071	0.000071	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.00046	0.00046	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.000088	0.000088	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.00041	0.00041	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.00023	0.00023	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.001	0.001	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.00025	0.00025	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.000058	0.000058	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.00083	0.00083	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.0001	0.0001	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.000042	0.000042	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.00027	0.00027	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.00038	0.00038	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.00027	0.00027	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.00049	0.00049	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.00042	0.00042	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.000043		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.001	0.001	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.00098	0.00098	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.0007	0.0007	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.00045	0.00045	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-177 (2,2',3,3',4,5',6-HpCB)	52663-70-4	0.00071	0.00071	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.00053	0.00053	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.00048	0.00048	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.0003	0.0003	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.00046	0.00046	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.001	0.001	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.00077	0.00077	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.00039	0.00039	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.00041	0.00041	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.00057	0.00057	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.00045	0.00045	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.00039	0.00039	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.00027	0.00027	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.00059	0.00059	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.0023	0.0023	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.0016	0.0016	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.0007	0.0007	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.0019	0.0019	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.0006	0.0006	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.0013	0.0013	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.0072	0.0072	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.011	0.011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.0062	0.0062	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.084	0.084	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 107+124	PCB107+124	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 110+115	PCB110+115	0.00098	0.00098	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 12+13	PCB12+13	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 128+166	PCB128+166	0.00032	0.00032	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.0018	0.0018	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 134+143	PCB134+143	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 135+151	PCB135+151	0.00072	0.00072	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 139+140	PCB139+140	0.00025	0.00025	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 147+149	PCB147+149	0.0013	0.0013	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 153+168	PCB153+168	0.0014	0.0014	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 156+157	PCB156+157	0.0005	0.0005	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 171+173	PCB171+173	0.0016	0.0016	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 18+30	PCB18+30	0.000031	0.000031	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 180+193	PCB180+193	0.003	0.003	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 198+199	PCB198+199	0.0027	0.0027	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 20+28	PCB20+28	0.00007	0.00007	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 21+33	PCB21+33	0.00005	0.00005	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 26+29	PCB26+29	0.00003	0.00003	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 40+71	PCB40+71	0.00022	0.00022	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 49+69	PCB49+69	0.0001	0.0001	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 50+53	PCB50+53	0.000046	0.000046	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.00032	0.00032	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.00036	0.00036	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.0007	0.0007	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 88+91	PCB88+91	0.00018	0.00018	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.00055	0.00055	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 93+100	PCB93+100	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	PCBs 98+102	PCB98+102	0.000097	0.000097	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	RAD	Radium-226	Ra-226	1.12	1.12	pCi/g	Y	J	EPA 903.0
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	RAD	Radium-228	Ra-228	0.864	0.864	pCi/g	Y	J	EPA 904.0
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	RAD	Thorium-228	Th-228	1.59	1.59	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	RAD	Thorium-230	Th-230	0.998	0.998	pCi/g	Y	J	DOE EML HASL 300 A-01-R
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	RAD	Thorium-232	Th-232	1.5	1.5	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	RAD	Uranium-234	U-234	0.932	0.932	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	RAD	Uranium-235	U-235	0.0286		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	RAD	Uranium-238	U-238	0.898	0.898	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.076		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.33		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.081		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.096		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	2-Chlorophenol	95-57-8	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	2-Methylphenol	95-48-7	0.081		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	2-Nitroaniline	88-74-4	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	2-Nitrophenol	88-75-5	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	3-Nitroaniline	99-09-2	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.076		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	4-Chloroaniline	106-47-8	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.086		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	4-Nitroaniline	100-01-6	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	4-Nitrophenol	100-02-7	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	Aniline	62-53-3	0.086		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	Benzidine	92-87-5	0.67		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	Benzoic acid	65-85-0	0.34		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	Benzyl alcohol	100-51-6	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.091		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.081		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	Dibenzofuran	132-64-9	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	Diethylphthalate	84-66-2	0.096		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	Dimethylphthalate	131-11-3	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.091		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.091		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	Hexachloroethane	67-72-1	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	Isophorone	78-59-1	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	Nitrobenzene	98-95-3	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.081		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	Octachlorostyrene	29082-74-4	2.3		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	Pentachlorophenol	87-86-5	0.34		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	Phenol	108-95-2	0.091		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	TPH	EFH (C10-C40)	EFH-C10-C40	44	44	mg/kg	Y	J	EPA 8015
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	20	20	mg/kg	Y	J	EPA 8015
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	14	14	mg/kg	Y		EPA 8015
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0033		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0016		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	2,2-Dichloropropane	594-20-7	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	2-Butanone	78-93-3	0.0082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	2-Chlorotoluene	95-49-8	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	2-Hexanone	591-78-6	0.0082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	4-Chlorotoluene	106-43-4	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0041		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Acetone	67-64-1	0.013		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Benzene	71-43-2	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Bromobenzene	108-86-1	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Bromochloromethane	74-97-5	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Bromodichloromethane	75-27-4	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Bromoform	75-25-2	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Bromomethane	74-83-9	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Carbon tetrachloride	56-23-5	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Chlorobenzene	108-90-7	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Chloroethane	75-00-3	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Chloroform	67-66-3	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Chloromethane	74-87-3	0.0016		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Cumene	98-82-8	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Dibromochloromethane	124-48-1	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Dibromomethane	74-95-3	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.0016		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Diisopropyl ether	108-20-3	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Ethyl benzene	100-41-4	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	m,p-Xylene	179601-23-1	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Methylene Chloride	75-09-2	0.0082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	n-Butylbenzene	104-51-8	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	n-Propylbenzene	103-65-1	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	o-Xylene	95-47-6	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	p-Cymene	99-87-6	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	sec-Butylbenzene	135-98-8	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Styrene	100-42-5	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	t-Amyl methyl ether	994-05-8	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	tert Butyl alcohol	75-65-0	0.016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	tert-Butylbenzene	98-06-6	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Tetrachloroethene	127-18-4	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Toluene	108-88-3	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Trichloroethene	79-01-6	0.00082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Trichlorofluoromethane	75-69-4	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	VOCs	Vinyl chloride	75-01-4	0.0016		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Chlorine Oxyanions	Chlorate	14866-68-3	78	78	mg/kg	Y		EPA 300.1
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	46	46	mg/kg	Y		EPA 314.0
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.043	0.043	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0015	0.0015	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.015	0.015	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0012	0.0012	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0063	0.0063	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0065	0.0065	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00016	0.00016	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0033	0.0033	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00029	0.00029	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00063	0.00063	mg/kg	Y	J-	EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00025	0.00025	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0023	0.0023	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00016	0.00016	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00077	0.00077	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0012	0.0012	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0011	0.0011	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00004	0.00004	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	HpCDD (total)	37871-00-4	0.0018	0.0018	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	HpCDF (total)	38998-75-3	0.03	0.03	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	HxCDD (total)	34465-46-8	0.0021	0.0021	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	HxCDF (total)	55684-94-1	0.025	0.025	mg/kg	Y	J-	EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	PeCDD (total)	36088-22-9	0.0019	0.0019	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	PeCDF (total)	30402-15-4	0.022	0.022	mg/kg	Y	J	EPA 8290

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Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	TCDD (total)	41903-57-5	0.0014	0.0014	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Dioxins	TCDF (total)	30402-14-3	0.014	0.014	mg/kg	Y		EPA 8290
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	38000	38000	mg/kg	Y		SM 2320
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	General Chemistry	Ammonia	7664-41-7	2.5		mg/kg	N	U	SM 4500 NH3-D
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	45000	45000	mg/kg	Y		SM 2320
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	General Chemistry	Bromide	24959-67-9	4.7	4.7	mg/kg	Y	J	EPA 300
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	General Chemistry	Carbonate as CO3	3812-32-6	610	610	mg/kg	Y		SM 2320
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	General Chemistry	Chloride	16887-00-6	190	190	mg/kg	Y		EPA 300
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	General Chemistry	Hydroxide	14280-30-9	170		mg/kg	N	U	SM 2320
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	General Chemistry	Nitrate	14797-55-8	39	39	mg/kg	Y		EPA 300
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	38.52857143	38.52857143	mg/kg	Y		EPA 300
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	General Chemistry	ortho-Phosphate	11-36-9	4.1		mg/kg	N	UJ	EPA 300
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	General Chemistry	Sulfate	14808-79-8	570	570	mg/kg	Y	J-	EPA 300
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Aluminum	7429-90-5	10000	10000	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Antimony	7440-36-0	0.51		mg/kg	N	U	EPA 6020
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Arsenic	7440-38-2	3.7	3.7	mg/kg	Y		EPA 6020
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Barium	7440-39-3	250	250	mg/kg	Y	J+	EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Boron	7440-42-8	9.9	9.9	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Cadmium	7440-43-9	0.25		mg/kg	N	U	EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Chromium (total)	7440-47-3	21	21	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Chromium VI	18540-29-9	0.41		mg/kg	N	UJ	EPA 7199
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Cobalt	7440-48-4	13	13	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Copper	7440-50-8	35	35	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Iron	7439-89-6	18000	18000	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Lead	7439-92-1	21	21	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Magnesium	7439-95-4	10000	10000	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Manganese	7439-96-5	2500	2500	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Mercury	7439-97-6	0.062	0.062	mg/kg	Y		EPA 7471
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Molybdenum	7439-98-7	1.8	1.8	mg/kg	Y	J	EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Nickel	7440-02-0	18	18	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Niobium	7440-03-1	1.7		mg/kg	N	UJ	EPA 6020
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Palladium	7440-05-3	0.053		mg/kg	N	U	EPA 6020
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Phosphorus (total)	7723-14-0	910	910	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Selenium	7782-49-2	0.51		mg/kg	N	U	EPA 6020
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Silicon	7440-21-3	170	170	mg/kg	Y	J-	EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Silver	7440-22-4	0.76		mg/kg	N	U	EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Strontium	7440-24-6	220	220	mg/kg	Y	J+	EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Sulfur	7704-34-9	1600	1600	mg/kg	Y	J+	EPA 6020
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Thallium	7440-28-0	0.25		mg/kg	N	U	EPA 6020
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Tungsten	7440-33-7	5.1		mg/kg	N	UJ	EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Uranium (total)	7440-61-1	1.5	1.5	mg/kg	Y		EPA 6020
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Zinc	7440-66-6	83	83	mg/kg	Y	J	EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	Metals	Zirconium	7440-67-7	24	24	mg/kg	Y		EPA 6010
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	2,4'-DDE	3424-82-6	0.004	0.004	mg/kg	Y	J+	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	4,4'-DDD	72-54-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	4,4'-DDE	72-55-9	0.0033	0.0033	mg/kg	Y	J+	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	4,4'-DDT	50-29-3	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	Aldrin	309-00-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	alpha-BHC	319-84-6	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	alpha-Chlordane	5103-71-9	0.002		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	beta-BHC	319-85-7	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	delta-BHC	319-86-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	Dieldrin	60-57-1	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	Endosulfan I	959-98-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	Endosulfan II	33213-65-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	Endosulfan sulfate	1031-07-8	0.002		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	Endrin	72-20-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	Endrin aldehyde	7421-93-4	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	Endrin ketone	53494-70-5	0.002		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	gamma-BHC	58-89-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	gamma-Chlordane	5103-74-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	Heptachlor	76-44-8	0.002		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	Heptachlor epoxide	1024-57-3	0.002		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	Hexachlorobenzene	118-74-1	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	Methoxychlor	72-43-5	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	Toxaphene	8001-35-2	0.051		mg/kg	N	U	EPA 8081
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Chlorpyrifos	2921-88-2	0.0065		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Coumaphos	56-72-4	0.0028		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Dasanit	115-90-2	0.0082		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Demeton (O + S)	8065-48-3	0.0076		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Demeton-O	298-03-3	0.0053		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Demeton-S	126-75-0	0.0049		mg/kg	N	U	EPA 8141A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Diazinon	333-41-5	0.0073		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Dichlorovos	62-73-7	0.0074		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Dimethoate	60-51-5	0.0071		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Disulfoton	298-04-4	0.0078		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	EPN	2104-64-5	0.0037		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Ethoprop	13194-48-4	0.005		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Famphur	52-85-7	0.0032		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Fenthion	55-38-9	0.0088		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Guthion	86-50-0	0.0035		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Malathion	121-75-5	0.0047		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Merphos	150-50-5	0.0052		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Methyl parathion	298-00-0	0.0064		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Mevinphos	7786-34-7	0.0046		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Naled	300-76-5	0.23		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Parathion	56-38-2	0.0053		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Phorate	298-02-2	0.0057		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Prothiophos	34643-46-4	0.0039		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Ronnel	299-84-3	0.015		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Simazine	122-34-9	0.022		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Stirophos	22248-79-9	0.0044		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Sulfotepp	3689-24-5	0.0063		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Sulprofos	35400-43-2	0.0043		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Thionazin	297-97-2	0.0056		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OPPs	Trichloronate	327-98-0	0.0063		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	2-Methylnaphthalene	91-57-6	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	Acenaphthene	83-32-9	0.0082		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	Acenaphthylene	208-96-8	0.0082		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	Anthracene	120-12-7	0.0082		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	Benzo(a)anthracene	56-55-3	0.0082		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	Benzo(a)pyrene	50-32-8	0.0082		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.015	0.015	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0092	0.0092	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.0082		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	Chrysene	218-01-9	0.013	0.013	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0082		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	Fluoranthene	206-44-0	0.009	0.009	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	Fluorene	86-73-7	0.0082		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0082		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	Naphthalene	91-20-3	0.0082		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	Phenanthrene	85-01-8	0.0082		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	Pyrene	129-00-0	0.0098	0.0098	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	Aroclor-1260	11096-82-5	0.017		mg/kg	N	U	EPA 8082
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.00008	0.00008	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.00018	0.00018	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000059	0.000059	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.000013		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.000065	0.000065	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.000013		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.0002	0.0002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000059		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.0001	0.0001	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.000012		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.0008	0.0008	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.000031	0.000031	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.000042	0.000042	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.000011		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.000032	0.000032	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.000022	0.000022	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.000074	0.000074	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.000023	0.000023	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.000095	0.000095	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.000072	0.000072	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.00021	0.00021	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.00003	0.00003	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.000086	0.000086	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.000029	0.000029	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.000069	0.000069	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.000043	0.000043	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.000042	0.000042	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.000052	0.000052	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.000034	0.000034	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.00023	0.00023	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.0000069	0.0000069	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.000044	0.000044	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.00021	0.00021	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.00004	0.00004	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.000062	0.000062	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.000068	0.000068	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.000046	0.000046	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.000078	0.000078	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.00036	0.00036	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.000033	0.000033	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.0001	0.0001	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.0001	0.0001	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.000037	0.000037	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.000072	0.000072	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.000079	0.000079	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.000084	0.000084	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.00027	0.00027	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.000099		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.000085		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.00021	0.00021	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.000081		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.00045	0.00045	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.000031	0.000031	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.000089	0.000089	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.000032	0.000032	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.00037	0.00037	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.00059	0.00059	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.00032	0.00032	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.000055		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.00048	0.00048	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0001	0.0001	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.000065		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.000093	0.000093	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.0006	0.0006	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.00047	0.00047	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.0003	0.0003	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.00035	0.00035	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.00064	0.00064	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.00024	0.00024	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.0003	0.0003	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.000069	0.000069	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.001	0.001	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.000054	0.000054	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.00037	0.00037	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.00047	0.00047	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.00035	0.00035	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.00025	0.00025	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.00036	0.00036	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.00061	0.00061	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.00062	0.00062	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.000065		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.0011	0.0011	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0013	0.0013	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.0013	0.0013	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.00093	0.00093	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.00056	0.00056	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.00081	0.00081	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.00068	0.00068	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.00059	0.00059	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.00039	0.00039	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.00061	0.00061	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.0013	0.0013	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.001	0.001	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.00049	0.00049	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.0014	0.0014	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.00051	0.00051	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.00091	0.00091	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.0006	0.0006	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.00053	0.00053	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.00037	0.00037	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.0017	0.0017	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.00083	0.00083	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.0033	0.0033	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.0022	0.0022	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.0011	0.0011	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.0026	0.0026	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.00083	0.00083	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.0018	0.0018	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.0019	0.0019	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.0019	0.0019	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.011	0.011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.016	0.016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.0094	0.0094	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.13	0.13	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 107+124	PCB107+124	0.00021	0.00021	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 110+115	PCB110+115	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 12+13	PCB12+13	0.00021	0.00021	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 128+166	PCB128+166	0.00041	0.00041	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.002	0.002	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 134+143	PCB134+143	0.00021	0.00021	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 135+151	PCB135+151	0.00086	0.00086	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 139+140	PCB139+140	0.00031	0.00031	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 147+149	PCB147+149	0.0015	0.0015	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 153+168	PCB153+168	0.0016	0.0016	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 156+157	PCB156+157	0.00066	0.00066	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 171+173	PCB171+173	0.0021	0.0021	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 18+30	PCB18+30	0.000053	0.000053	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 180+193	PCB180+193	0.0035	0.0035	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 198+199	PCB198+199	0.004	0.004	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 20+28	PCB20+28	0.0001	0.0001	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 21+33	PCB21+33	0.000079	0.000079	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 26+29	PCB26+29	0.000048	0.000048	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 40+71	PCB40+71	0.00033	0.00033	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.00025	0.00025	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 49+69	PCB49+69	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 50+53	PCB50+53	0.000067	0.000067	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.00017	0.00017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.00049	0.00049	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.00047	0.00047	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.00089	0.00089	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 88+91	PCB88+91	0.00022	0.00022	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.0007	0.0007	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 93+100	PCB93+100	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	PCBs 98+102	PCB98+102	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	RAD	Radium-226	Ra-226	0.994	0.994	pCi/g	Y		EPA 903.0
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	RAD	Radium-228	Ra-228	1.2	1.2	pCi/g	Y		EPA 904.0
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	RAD	Thorium-228	Th-228	1.55	1.55	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	RAD	Thorium-230	Th-230	0.864	0.864	pCi/g	Y	J	DOE EML HASL 300 A-01-R
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	RAD	Thorium-232	Th-232	1.44	1.44	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	RAD	Uranium-234	U-234	0.908	0.908	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	RAD	Uranium-235	U-235	0.0789	0.0789	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	RAD	Uranium-238	U-238	0.845	0.845	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.077		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.068		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.34		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.082		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.097		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	2-Chlorophenol	95-57-8	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	2-Methylphenol	95-48-7	0.082		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	2-Nitroaniline	88-74-4	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.077		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.087		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	4-Nitrophenol	100-02-7	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	Aniline	62-53-3	0.087		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	Benzidine	92-87-5	0.67		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	Benzoic acid	65-85-0	0.35		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	Benzyl alcohol	100-51-6	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.092		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.082		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	Dibenzofuran	132-64-9	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	Diethylphthalate	84-66-2	0.097		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	Dimethylphthalate	131-11-3	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.092		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.092		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	Isophorone	78-59-1	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	Nitrobenzene	98-95-3	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.082		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	Phenol	108-95-2	0.092		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	TPH	EFH (C10-C40)	EFH-C10-C40	76	76	mg/kg	Y	J	EPA 8015
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	57	57	mg/kg	Y	J	EPA 8015
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	18	18	mg/kg	Y		EPA 8015
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.16		mg/kg	N	U	EPA 8015
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	2-Butanone	78-93-3	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	2-Hexanone	591-78-6	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0026		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Acetone	67-64-1	0.0082		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Benzene	71-43-2	0.00051		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Bromodichloromethane	75-27-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Carbon tetrachloride	56-23-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Chlorobenzene	108-90-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Chloroform	67-66-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Cumene	98-82-8	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Dibromochloromethane	124-48-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Dibromomethane	74-95-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Ethyl benzene	100-41-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Methylene Chloride	75-09-2	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	n-Propylbenzene	103-65-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	o-Xylene	95-47-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	p-Cymene	99-87-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Styrene	100-42-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Tetrachloroethene	127-18-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Toluene	108-88-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Trichloroethene	79-01-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.73	0.73	mg/kg	Y		EPA 300.1
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	1.9	1.9	mg/kg	Y		EPA 314.0
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00027	0.00027	mg/kg	Y		EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000015	0.000015	mg/kg	Y		EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000094	0.0000094	mg/kg	Y		EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000042	0.000042	mg/kg	Y		EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000049	0.000049	mg/kg	Y		EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000012	0.0000012	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000025	0.000025	mg/kg	Y		EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000035	0.0000035	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000042	0.0000042	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000005	0.000005	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000028	0.000028	mg/kg	Y		EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000012	0.0000012	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000053	0.0000053	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000045	0.000045	mg/kg	Y		EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000045	0.00000045	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	HpCDD (total)	37871-00-4	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	HpCDF (total)	38998-75-3	0.00022	0.00022	mg/kg	Y		EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	HxCDD (total)	34465-46-8	0.000019	0.000019	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	HxCDF (total)	55684-94-1	0.00019	0.00019	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	PeCDD (total)	36088-22-9	0.000016	0.000016	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	PeCDF (total)	30402-15-4	0.00021	0.00021	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	TCDD (total)	41903-57-5	0.000013	0.000013	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Dioxins	TCDF (total)	30402-14-3	0.00022	0.00022	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	520		mg/kg	N	U	SM 2320
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	General Chemistry	Ammonia	7664-41-7	39	39	mg/kg	Y		SM 4500 NH3-D
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	630		mg/kg	N	U	SM 2320
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	General Chemistry	Bromide	24959-67-9	3.7		mg/kg	N	U	EPA 300
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	General Chemistry	Carbonate as CO3	3812-32-6	310		mg/kg	N	U	SM 2320
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	General Chemistry	Chloride	16887-00-6	24	24	mg/kg	Y	J	EPA 300
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	General Chemistry	Hydroxide	14280-30-9	180		mg/kg	N	U	SM 2320
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	General Chemistry	Nitrate	14797-55-8	11	11	mg/kg	Y		EPA 300
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	11.07142857	11.07142857	mg/kg	Y		EPA 300

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	General Chemistry	Sulfate	14808-79-8	7900	7900	mg/kg	Y		EPA 300
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Aluminum	7429-90-5	4300	4300	mg/kg	Y		EPA 6010
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Antimony	7440-36-0	0.52		mg/kg	N	UJ	EPA 6020
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Arsenic	7440-38-2	9	9	mg/kg	Y		EPA 6020
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Barium	7440-39-3	150	150	mg/kg	Y		EPA 6010
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Boron	7440-42-8	13		mg/kg	N	U	EPA 6010
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Cadmium	7440-43-9	1.3		mg/kg	N	U	EPA 6010
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Chromium (total)	7440-47-3	44	44	mg/kg	Y		EPA 6010
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Chromium VI	18540-29-9	0.46	0.46	mg/kg	Y	J	EPA 7199
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Cobalt	7440-48-4	2.8	2.8	mg/kg	Y	J	EPA 6010
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Copper	7440-50-8	48	48	mg/kg	Y		EPA 6010
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Iron	7439-89-6	110000	110000	mg/kg	Y		EPA 6010
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Lead	7439-92-1	5.2		mg/kg	N	U	EPA 6010
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Magnesium	7439-95-4	2100	2100	mg/kg	Y		EPA 6010
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Manganese	7439-96-5	890	890	mg/kg	Y		EPA 6010
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Mercury	7439-97-6	0.24	0.24	mg/kg	Y		EPA 7471
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Molybdenum	7439-98-7	5.2		mg/kg	N	U	EPA 6010
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Nickel	7440-02-0	7.3	7.3	mg/kg	Y	J	EPA 6010
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Phosphorus (total)	7723-14-0	680	680	mg/kg	Y		EPA 6010
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Selenium	7782-49-2	0.52		mg/kg	N	U	EPA 6020
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Silicon	7440-21-3	54	54	mg/kg	Y	J-	EPA 6010
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Silver	7440-22-4	3.9		mg/kg	N	U	EPA 6010
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Strontium	7440-24-6	120	120	mg/kg	Y		EPA 6010
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Tungsten	7440-33-7	26		mg/kg	N	UJ	EPA 6010
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Uranium (total)	7440-61-1	0.76	0.76	mg/kg	Y		EPA 6020
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Zinc	7440-66-6	13		mg/kg	N	U	EPA 6010
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	Metals	Zirconium	7440-67-7	18	18	mg/kg	Y	J	EPA 6010
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	2,4'-DDE	3424-82-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDE	72-55-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDT	50-29-3	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	beta-BHC	319-85-7	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	Hexachlorobenzene	118-74-1	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	Toxaphene	8001-35-2	0.052		mg/kg	N	U	EPA 8081
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Atrazine	1912-24-9	0.013		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Chlorpyrifos	2921-88-2	0.0067		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Coumaphos	56-72-4	0.0029		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Dasanit	115-90-2	0.0084		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Demeton (O + S)	8065-48-3	0.0078		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Demeton-O	298-03-3	0.0055		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Demeton-S	126-75-0	0.005		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Diazinon	333-41-5	0.0075		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Dichlorovos	62-73-7	0.0077		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Dimethoate	60-51-5	0.0073		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Disulfoton	298-04-4	0.008		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	EPN	2104-64-5	0.0038		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Ethoprop	13194-48-4	0.0051		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Famphur	52-85-7	0.0033		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Fenthion	55-38-9	0.009		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Guthion	86-50-0	0.0036		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Malathion	121-75-5	0.0048		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Merphos	150-50-5	0.0053		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Methyl parathion	298-00-0	0.0066		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Mevinphos	7786-34-7	0.0048		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Naled	300-76-5	0.023		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Parathion	56-38-2	0.0055		mg/kg	N	U	EPA 8141A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Phorate	298-02-2	0.0059		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Prothiophos	34643-46-4	0.004		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Ronnel	299-84-3	0.016		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Simazine	122-34-9	0.023		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Stirophos	22248-79-9	0.0045		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Sulfotepp	3689-24-5	0.0065		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Sulprofos	35400-43-2	0.0044		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Thionazin	297-97-2	0.0058		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OPPs	Trichloronate	327-98-0	0.0065		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	2-Methylnaphthalene	91-57-6	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	Acenaphthene	83-32-9	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	Acenaphthylene	208-96-8	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	Anthracene	120-12-7	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	Benzo(a)anthracene	56-55-3	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	Benzo(a)pyrene	50-32-8	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	Chrysene	218-01-9	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	Fluoranthene	206-44-0	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	Fluorene	86-73-7	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	Naphthalene	91-20-3	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	Phenanthrene	85-01-8	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	Pyrene	129-00-0	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1260	11096-82-5	0.018		mg/kg	N	U	EPA 8082
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.00003	0.00003	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.000057	0.000057	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.0000072	0.0000072	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.0000065	0.0000065	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000028	0.000028	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.0000027		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000026	0.000026	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000023		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.00006	0.00006	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000028	0.0000028	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000021	0.0000021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.00000056	0.00000056	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000095	0.0000095	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00000095		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.0000002		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.00000098		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.00000044	0.00000044	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.0000025	0.0000025	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.0000011		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000036	0.0000036	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.0000011		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.000035	0.000035	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000012		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.0000011		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.0000022	0.0000022	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.0000076	0.0000076	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000093	0.00000093	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.000004	0.000004	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000049	0.000049	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000012		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.000079	0.000079	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.000048	0.000048	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.000025	0.000025	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.00017	0.00017	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.00000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.000055	0.000055	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.0000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.0000055	0.0000055	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.0000043	0.0000043	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.000054	0.000054	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.0000081		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.000033	0.000033	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.000007		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.0000066		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.000072	0.000072	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.00000066	0.00000066	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0000059		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.00000033	0.00000033	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.00044	0.00044	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.0000052		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.000039	0.000039	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.0000044		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.0000045		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.000019	0.000019	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.00051	0.00051	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.0000046		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0000044		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.000018	0.000018	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.000012	0.000012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.0000051		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.000037	0.000037	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.0000039	0.0000039	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.0000048	0.0000048	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.000025	0.000025	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.00003	0.00003	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.0000026		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.000058	0.000058	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.0000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.000078	0.000078	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.0000022	0.0000022	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.0000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.0000019		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.0000075	0.0000075	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.000041	0.000041	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.0000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.000041	0.000041	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.00021	0.00021	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.000036	0.000036	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.000095	0.000095	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.000026	0.000026	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.00004	0.00004	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.0000056	0.0000056	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.00009	0.00009	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.0000077	0.0000077	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.000001	0.000001	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.0000043	0.0000043	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.000016	0.000016	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.000043	0.000043	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.0000006		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.00008	0.00008	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.000031	0.000031	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.000066	0.000066	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.000021	0.000021	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.000028	0.000028	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.000055	0.000055	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.000088	0.000088	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 107+124	PCB107+124	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 110+115	PCB110+115	0.00039	0.00039	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 12+13	PCB12+13	0.0000091	0.0000091	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 128+166	PCB128+166	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.00066	0.00066	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 134+143	PCB134+143	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 135+151	PCB135+151	0.000089	0.000089	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 139+140	PCB139+140	0.0000069	0.0000069	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 147+149	PCB147+149	0.00025	0.00025	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 153+168	PCB153+168	0.00041	0.00041	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 156+157	PCB156+157	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 171+173	PCB171+173	0.000065	0.000065	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 18+30	PCB18+30	0.000007	0.000007	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 180+193	PCB180+193	0.00041	0.00041	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 198+199	PCB198+199	0.00009	0.00009	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 20+28	PCB20+28	0.000028	0.000028	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 21+33	PCB21+33	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 26+29	PCB26+29	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 40+71	PCB40+71	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.00003	0.00003	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 49+69	PCB49+69	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 50+53	PCB50+53	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.0000034	0.0000034	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.00024	0.00024	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.000089	0.000089	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 88+91	PCB88+91	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 93+100	PCB93+100	0.0000063		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 98+102	PCB98+102	0.0000057		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	RAD	Radium-226	Ra-226	0.806	0.806	pCi/g	Y	J	EPA 903.0
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	RAD	Radium-228	Ra-228	0.646	0.646	pCi/g	Y		EPA 904.0
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	RAD	Thorium-228	Th-228	1	1	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	RAD	Thorium-230	Th-230	0.968	0.968	pCi/g	Y	J	DOE EML HASL 300 A-01-R
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	RAD	Thorium-232	Th-232	1.03	1.03	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	RAD	Uranium-234	U-234	1.05	1.05	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	RAD	Uranium-235	U-235	0.0133		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	RAD	Uranium-238	U-238	1.06	1.06	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.077		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.34		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.082		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.097		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	2-Chlorophenol	95-57-8	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	2-Methylphenol	95-48-7	0.082		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	2-Nitroaniline	88-74-4	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.077		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.087		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	4-Nitrophenol	100-02-7	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	Aniline	62-53-3	0.087		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	Benzidine	92-87-5	0.67		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	Benzoic acid	65-85-0	0.35		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	Benzyl alcohol	100-51-6	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.092		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.082		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	Dibenzofuran	132-64-9	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	Diethylphthalate	84-66-2	0.097		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	Dimethylphthalate	131-11-3	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.092		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.092		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	Isophorone	78-59-1	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	Nitrobenzene	98-95-3	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.082		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	Octachlorostyrene	29082-74-4	2.3		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	Phenol	108-95-2	0.092		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	TPH	EFH (C10-C40)	EFH-C10-C40	4.6	4.6	mg/kg	Y	J	EPA 8015
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	2.6		mg/kg	N	U	EPA 8015
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.6	2.6	mg/kg	Y	J	EPA 8015
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0021		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	2-Butanone	78-93-3	0.0076	0.0076	mg/kg	Y	J	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	2-Hexanone	591-78-6	0.0052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0026		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Acetone	67-64-1	0.084	0.084	mg/kg	Y	J+	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Benzene	71-43-2	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Bromodichloromethane	75-27-4	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Carbon tetrachloride	56-23-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Chlorobenzene	108-90-7	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Chloroform	67-66-3	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Cumene	98-82-8	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Dibromochloromethane	124-48-1	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Dibromomethane	74-95-3	0.00052		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Ethyl benzene	100-41-4	0.00053	0.00053	mg/kg	Y	J	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	m,p-Xylene	179601-23-1	0.0022	0.0022	mg/kg	Y		EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Methylene Chloride	75-09-2	0.0052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	n-Propylbenzene	103-65-1	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	o-Xylene	95-47-6	0.00075	0.00075	mg/kg	Y	J	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	p-Cymene	99-87-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Styrene	100-42-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Tetrachloroethene	127-18-4	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Toluene	108-88-3	0.00097	0.00097	mg/kg	Y	J	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Trichloroethene	79-01-6	0.00052		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Chlorine Oxyanions	Chlorate	14866-68-3	750	750	mg/kg	Y		EPA 300.1
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	110	110	mg/kg	Y		EPA 314.0
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000029	0.000029	mg/kg	Y		EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000022	0.0000022	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000015	0.000015	mg/kg	Y		EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000014	0.0000014	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000043	0.0000043	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000063	0.0000063	mg/kg	Y		EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000092		mg/kg	N	U	EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000035	0.0000035	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000043	0.00000043	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000042	0.00000042	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000031	0.00000031	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000038	0.0000038	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000017		mg/kg	N	U	EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000005	0.0000005	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000018	0.0000018	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000062	0.0000062	mg/kg	Y		EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000013		mg/kg	N	U	EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	HpCDD (total)	37871-00-4	0.0000024	0.0000024	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	HpCDF (total)	38998-75-3	0.000028	0.000028	mg/kg	Y		EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	HxCDD (total)	34465-46-8	0.0000023	0.0000023	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	HxCDF (total)	55684-94-1	0.000025	0.000025	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	PeCDD (total)	36088-22-9	0.0000016	0.0000016	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	PeCDF (total)	30402-15-4	0.000026	0.000026	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	TCDD (total)	41903-57-5	0.00000091	0.00000091	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Dioxins	TCDF (total)	30402-14-3	0.000037	0.000037	mg/kg	Y	J	EPA 8290
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	10000	10000	mg/kg	Y		SM 2320
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	General Chemistry	Ammonia	7664-41-7	6.5	6.5	mg/kg	Y	J	SM 4500 NH3-D
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	9900	9900	mg/kg	Y		SM 2320
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	General Chemistry	Bromide	24959-67-9	3.6		mg/kg	N	U	EPA 300
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	General Chemistry	Carbonate as CO3	3812-32-6	1200	1200	mg/kg	Y		SM 2320
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	General Chemistry	Chloride	16887-00-6	150	150	mg/kg	Y	J	EPA 300
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	General Chemistry	Hydroxide	14280-30-9	170		mg/kg	N	U	SM 2320
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	General Chemistry	Nitrate	14797-55-8	11	11	mg/kg	Y		EPA 300
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	39.85714286	39.85714286	mg/kg	Y	J	EPA 300
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	General Chemistry	Sulfate	14808-79-8	850	850	mg/kg	Y		EPA 300
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Aluminum	7429-90-5	8700	8700	mg/kg	Y		EPA 6010
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Antimony	7440-36-0	0.51		mg/kg	N	UJ	EPA 6020
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Arsenic	7440-38-2	2.3	2.3	mg/kg	Y		EPA 6020
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Barium	7440-39-3	110	110	mg/kg	Y		EPA 6010
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Boron	7440-42-8	4	4	mg/kg	Y	J	EPA 6010
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Chromium (total)	7440-47-3	14	14	mg/kg	Y		EPA 6010
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Chromium VI	18540-29-9	1.5	1.5	mg/kg	Y		EPA 7199
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Cobalt	7440-48-4	3.4	3.4	mg/kg	Y		EPA 6010
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Copper	7440-50-8	32	32	mg/kg	Y		EPA 6010
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Iron	7439-89-6	11000	11000	mg/kg	Y		EPA 6010
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Lead	7439-92-1	5.2	5.2	mg/kg	Y		EPA 6010
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Magnesium	7439-95-4	4500	4500	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Manganese	7439-96-5	1200	1200	mg/kg	Y		EPA 6010
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Mercury	7439-97-6	0.028	0.028	mg/kg	Y		EPA 7471
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Nickel	7440-02-0	7.8	7.8	mg/kg	Y		EPA 6010
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Phosphorus (total)	7723-14-0	800	800	mg/kg	Y		EPA 6010
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Selenium	7782-49-2	0.51		mg/kg	N	U	EPA 6020
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Silicon	7440-21-3	42	42	mg/kg	Y	J-	EPA 6010
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Silver	7440-22-4	0.77		mg/kg	N	U	EPA 6010
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Strontium	7440-24-6	230	230	mg/kg	Y		EPA 6010
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Tungsten	7440-33-7	5.1		mg/kg	N	UJ	EPA 6010
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Uranium (total)	7440-61-1	1.4	1.4	mg/kg	Y		EPA 6020
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Zinc	7440-66-6	62	62	mg/kg	Y		EPA 6010
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	Metals	Zirconium	7440-67-7	17	17	mg/kg	Y		EPA 6010
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	2,4'-DDE	3424-82-6	0.0033		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDD	72-54-8	0.0033		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDE	72-55-9	0.0033		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDT	50-29-3	0.0033		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	Aldrin	309-00-2	0.0033		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	alpha-BHC	319-84-6	0.0033		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	alpha-Chlordane	5103-71-9	0.0044		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	beta-BHC	319-85-7	0.0033		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	delta-BHC	319-86-8	0.0033		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	Dieldrin	60-57-1	0.0033		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	Endosulfan I	959-98-8	0.0033		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	Endosulfan II	33213-65-9	0.0033		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0044		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	Endrin	72-20-8	0.0033		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	Endrin aldehyde	7421-93-4	0.0033		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	Endrin ketone	53494-70-5	0.0044		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	gamma-BHC	58-89-9	0.0033		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	gamma-Chlordane	5103-74-2	0.0033		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	Heptachlor	76-44-8	0.0044		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0044		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	Hexachlorobenzene	118-74-1	0.28		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	Methoxychlor	72-43-5	0.0033		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	Toxaphene	8001-35-2	0.11		mg/kg	N	U	EPA 8081
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Chlorpyrifos	2921-88-2	0.0063		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Coumaphos	56-72-4	0.0027		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Dasanit	115-90-2	0.0079		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Demeton (O + S)	8065-48-3	0.0073		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Demeton-O	298-03-3	0.0052		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Demeton-S	126-75-0	0.0047		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Diazinon	333-41-5	0.0071		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Dichlorovos	62-73-7	0.0072		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Dimethoate	60-51-5	0.0069		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Disulfoton	298-04-4	0.0075		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	EPN	2104-64-5	0.0036		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Ethoprop	13194-48-4	0.0048		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Famphur	52-85-7	0.0031		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Fenthion	55-38-9	0.0085		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Guthion	86-50-0	0.0034		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Malathion	121-75-5	0.0045		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Merphos	150-50-5	0.005		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Methyl parathion	298-00-0	0.0062		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Mevinphos	7786-34-7	0.0045		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Naled	300-76-5	0.022		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Parathion	56-38-2	0.0052		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Phorate	298-02-2	0.0056		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Prothiophos	34643-46-4	0.0038		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Ronnel	299-84-3	0.015		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Simazine	122-34-9	0.022		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Stirophos	22248-79-9	0.0043		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Sulfotepp	3689-24-5	0.0061		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Sulprofos	35400-43-2	0.0041		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Thionazin	297-97-2	0.0054		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OPPs	Trichloronate	327-98-0	0.0061		mg/kg	N	U	EPA 8141A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	1-Methylnaphthalene	90-12-0	0.6		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	2-Methylnaphthalene	91-57-6	0.28		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	Acenaphthene	83-32-9	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	Acenaphthylene	208-96-8	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	Anthracene	120-12-7	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	Benzo(a)anthracene	56-55-3	0.004		mg/kg	N	U	EPA 8270 SIM

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	Benzo(a)pyrene	50-32-8	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	Chrysene	218-01-9	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	Fluoranthene	206-44-0	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	Fluorene	86-73-7	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	Naphthalene	91-20-3	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	Phenanthrene	85-01-8	0.004	0.004	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	Pyrene	129-00-0	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1260	11096-82-5	0.037		mg/kg	N	U	EPA 8082
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.0000034	0.0000034	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.00000078	0.00000078	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.0000076	0.0000076	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.0000073		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000053		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.0000053		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000052		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.0000055	0.0000055	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.0000058		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000045		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000057	0.000057	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000049		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.0000099	0.0000099	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.00000054		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000038	0.0000038	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00000054		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00000038		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.00000055		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.00000037		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.0000084	0.0000084	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.00000059		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.00000063		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.0000088	0.0000088	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.00000068		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.00000061		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.00000071	0.00000071	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.00000075	0.00000075	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.00000032		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000048	0.00000048	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.00000067	0.00000067	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000026		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.00000049		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.00000054		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.00000054		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.0000093	0.0000093	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.000001	0.000001	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.0000064	0.0000064	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.00003	0.00003	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.0000005		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.0000005		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.00000052		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.0000002		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.000012	0.000012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.00000061		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.00000092	0.00000092	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.0000005		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.00000069		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.0000071	0.0000071	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.0000023		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.0000061	0.0000061	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.000002		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.000004	0.000004	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.0000019		mg/kg	N	U	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.00000027	0.00000027	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000021	0.000021	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.00000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000059	0.000059	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.0000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.0000054	0.0000054	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.0000013		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.0000013		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.0000031	0.0000031	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.000079	0.000079	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.0000013		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0000013		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.0000021	0.0000021	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.000003	0.000003	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.0000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.0000057	0.0000057	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.0000014		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.0000013		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.0000062	0.0000062	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.00002	0.00002	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.0000012		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.0000036	0.0000036	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.00000086		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.0000012		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.00000079		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.00000084		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.000001		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.0000008		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.00000061		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.000001		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.00000089		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.00000055		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.0000071	0.0000071	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.000001		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.0000061	0.0000061	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.00000072		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.000051	0.000051	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0000074	0.0000074	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.000044	0.000044	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.0000028	0.0000028	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.0000036	0.0000036	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.00002	0.00002	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.0000056	0.0000056	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.0000091	0.0000091	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.00000054		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.00000084	0.00000084	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.0000044	0.0000044	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00000027		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.00004	0.00004	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.00000089	0.00000089	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.0000025	0.0000025	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.0000022	0.0000022	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.00000047		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.000009	0.000009	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.0000036	0.0000036	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.0000033	0.0000033	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.0000064	0.0000064	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.00002	0.00002	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.000027	0.000027	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.00023	0.00023	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 107+124	PCB107+124	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 110+115	PCB110+115	0.000063	0.000063	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 12+13	PCB12+13	0.0000057		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 128+166	PCB128+166	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 134+143	PCB134+143	0.000003	0.000003	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 135+151	PCB135+151	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 139+140	PCB139+140	0.0000011		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 147+149	PCB147+149	0.000054	0.000054	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 153+168	PCB153+168	0.000089	0.000089	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 156+157	PCB156+157	0.000019	0.000019	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 171+173	PCB171+173	0.0000089	0.0000089	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 18+30	PCB18+30	0.0000028	0.0000028	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 180+193	PCB180+193	0.000099	0.000099	mg/kg	Y		EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 198+199	PCB198+199	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 20+28	PCB20+28	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 21+33	PCB21+33	0.0000042	0.0000042	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 26+29	PCB26+29	0.00000072	0.00000072	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 40+71	PCB40+71	0.0000039	0.0000039	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.0000089	0.0000089	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 49+69	PCB49+69	0.0000047	0.0000047	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 50+53	PCB50+53	0.000001	0.000001	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.00000096	0.00000096	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.000041	0.000041	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.000047	0.000047	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 88+91	PCB88+91	0.0000029	0.0000029	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.000035	0.000035	mg/kg	Y	J	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 93+100	PCB93+100	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 98+102	PCB98+102	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	RAD	Radium-226	Ra-226	0.999	0.999	pCi/g	Y	J	EPA 903.0
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	RAD	Radium-228	Ra-228	0.782	0.782	pCi/g	Y	J	EPA 904.0
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	RAD	Thorium-228	Th-228	0.871	0.871	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	RAD	Thorium-230	Th-230	0.884	0.884	pCi/g	Y	J	DOE EML HASL 300 A-01-R
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	RAD	Thorium-232	Th-232	0.874	0.874	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	RAD	Uranium-234	U-234	1.06	1.06	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	RAD	Uranium-235	U-235	0.0303		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	RAD	Uranium-238	U-238	0.755	0.755	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.32		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.38		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.27		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	2-Nitroaniline	88-74-4	0.27		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.6		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	3-Nitroaniline	99-09-2	0.53		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.3		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	4-Chloroaniline	106-47-8	0.53		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.34		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	4-Nitroaniline	100-01-6	0.53		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	Aniline	62-53-3	0.34		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	Benzidine	92-87-5	2.6		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	Benzyl alcohol	100-51-6	0.6		mg/kg	N	UJ	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.53		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.28		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.36		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.32		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	Dibenzofuran	132-64-9	0.27		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	Diethylphthalate	84-66-2	0.38		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	Dimethylphthalate	131-11-3	0.27		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.36		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.36		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.53		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	Hexachloroethane	67-72-1	0.53		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	Isophorone	78-59-1	0.27		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	Nitrobenzene	98-95-3	0.28		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.28		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.32		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	Octachlorostyrene	29082-74-4	9.2		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	SVOCs	Pyridine	110-86-1	0.6		mg/kg	N	U	EPA 8270
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	TPH	EFH (C10-C40)	EFH-C10-C40	3.3	3.3	mg/kg	Y	J	EPA 8015
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	2.5		mg/kg	N	U	EPA 8015

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.5		mg/kg	N	U	EPA 8015
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	27		mg/kg	N	U	EPA 8015
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	2-Butanone	78-93-3	0.0051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	2-Hexanone	591-78-6	0.0051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Acetone	67-64-1	0.0081		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Benzene	71-43-2	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Bromodichloromethane	75-27-4	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Carbon tetrachloride	56-23-5	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Chlorobenzene	108-90-7	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Chloroform	67-66-3	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Cumene	98-82-8	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Dibromochloromethane	124-48-1	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Dibromomethane	74-95-3	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Ethyl benzene	100-41-4	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Methylene Chloride	75-09-2	0.0051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	n-Propylbenzene	103-65-1	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	o-Xylene	95-47-6	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	p-Cymene	99-87-6	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Styrene	100-42-5	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Tetrachloroethene	127-18-4	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Toluene	108-88-3	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Trichloroethene	79-01-6	0.00051		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Chlorine Oxyanions	Chlorate	14866-68-3	16	16	mg/kg	Y		EPA 300.1
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	13	13	mg/kg	Y		EPA 314.0
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00000073	0.00000073	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000092	0.00000092	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00000033	0.00000033	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000014		mg/kg	N	U	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000000079		mg/kg	N	U	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000015	0.00000015	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000081		mg/kg	N	U	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000000069		mg/kg	N	U	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000000073		mg/kg	N	U	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000000082		mg/kg	N	UJ	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000013	0.00000013	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000013		mg/kg	N	U	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000018		mg/kg	N	U	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000000079		mg/kg	N	U	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000014		mg/kg	N	U	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000000087		mg/kg	N	U	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000088		mg/kg	N	U	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	HpCDD (total)	37871-00-4	0.00000014		mg/kg	N	U	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	HpCDF (total)	38998-75-3	0.00000033	0.00000033	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	HxCDD (total)	34465-46-8	0.00000013	0.00000013	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	HxCDF (total)	55684-94-1	0.00000015	0.00000015	mg/kg	Y	J-	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	PeCDD (total)	36088-22-9	0.00000018		mg/kg	N	U	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	PeCDF (total)	30402-15-4	0.00000018	0.00000018	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	TCDD (total)	41903-57-5	0.000000088		mg/kg	N	U	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Dioxins	TCDF (total)	30402-14-3	0.000000087		mg/kg	N	U	EPA 8290
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	37000	37000	mg/kg	Y	J-	SM 2320
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	General Chemistry	Ammonia	7664-41-7	2.6	2.6	mg/kg	Y	J	SM 4500 NH3-D
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	44000	44000	mg/kg	Y	J-	SM 2320
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	General Chemistry	Bromide	24959-67-9	3.8		mg/kg	N	U	EPA 300
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	General Chemistry	Carbonate as CO3	3812-32-6	960	960	mg/kg	Y	J-	SM 2320
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	General Chemistry	Chloride	16887-00-6	300	300	mg/kg	Y		EPA 300
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	General Chemistry	Hydroxide	14280-30-9	180		mg/kg	N	UJ	SM 2320
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	General Chemistry	Nitrate	14797-55-8	23	23	mg/kg	Y		EPA 300
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	22.58571429	22.58571429	mg/kg	Y		EPA 300
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	General Chemistry	ortho-Phosphate	11-36-9	4.4		mg/kg	N	UJ	EPA 300
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	General Chemistry	Sulfate	14808-79-8	370	370	mg/kg	Y		EPA 300
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Aluminum	7429-90-5	11000	11000	mg/kg	Y		EPA 6010
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Antimony	7440-36-0	0.54		mg/kg	N	UJ	EPA 6020
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Arsenic	7440-38-2	3.2	3.2	mg/kg	Y		EPA 6020
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Barium	7440-39-3	220	220	mg/kg	Y		EPA 6010
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Boron	7440-42-8	7.4	7.4	mg/kg	Y		EPA 6010
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Cadmium	7440-43-9	0.27		mg/kg	N	U	EPA 6010
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Chromium (total)	7440-47-3	15	15	mg/kg	Y		EPA 6010
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Chromium VI	18540-29-9	0.43		mg/kg	N	U	EPA 7199
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Cobalt	7440-48-4	6.9	6.9	mg/kg	Y		EPA 6010
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Copper	7440-50-8	18	18	mg/kg	Y		EPA 6010
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Iron	7439-89-6	15000	15000	mg/kg	Y		EPA 6010
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Lead	7439-92-1	8.6	8.6	mg/kg	Y		EPA 6010
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Magnesium	7439-95-4	14000	14000	mg/kg	Y		EPA 6010
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Manganese	7439-96-5	330	330	mg/kg	Y		EPA 6010
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Mercury	7439-97-6	0.05	0.05	mg/kg	Y		EPA 7471
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Molybdenum	7439-98-7	1.1		mg/kg	N	U	EPA 6010
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Nickel	7440-02-0	15	15	mg/kg	Y		EPA 6010
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Phosphorus (total)	7723-14-0	980	980	mg/kg	Y		EPA 6010
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Selenium	7782-49-2	0.54		mg/kg	N	U	EPA 6020
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Silicon	7440-21-3	69	69	mg/kg	Y	J-	EPA 6010
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Silver	7440-22-4	0.8		mg/kg	N	U	EPA 6010
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Strontium	7440-24-6	370	370	mg/kg	Y		EPA 6010
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Thallium	7440-28-0	0.27		mg/kg	N	U	EPA 6020
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Tungsten	7440-33-7	5.3		mg/kg	N	UJ	EPA 6010
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Uranium (total)	7440-61-1	1.3	1.3	mg/kg	Y		EPA 6020
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Zinc	7440-66-6	31	31	mg/kg	Y		EPA 6010
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	Metals	Zirconium	7440-67-7	26	26	mg/kg	Y		EPA 6010
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	2,4'-DDE	3424-82-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDE	72-55-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDT	50-29-3	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	alpha-Chlordane	5103-71-9	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	beta-BHC	319-85-7	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	Endrin ketone	53494-70-5	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	Heptachlor	76-44-8	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0022		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	Hexachlorobenzene	118-74-1	0.075		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	Toxaphene	8001-35-2	0.054		mg/kg	N	U	EPA 8081
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Atrazine	1912-24-9	0.013		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Chlorpyrifos	2921-88-2	0.0067		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Coumaphos	56-72-4	0.0029		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Dasanit	115-90-2	0.0085		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Demeton (O + S)	8065-48-3	0.0078		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Demeton-O	298-03-3	0.0055		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Demeton-S	126-75-0	0.0051		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Diazinon	333-41-5	0.0076		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Dichlorovos	62-73-7	0.0077		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Dimethoate	60-51-5	0.0074		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Disulfoton	298-04-4	0.008		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	EPN	2104-64-5	0.0038		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Ethoprop	13194-48-4	0.0051		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Famphur	52-85-7	0.0034		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Fenthion	55-38-9	0.0091		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Guthion	86-50-0	0.0036		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Malathion	121-75-5	0.0048		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Merphos	150-50-5	0.0054		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Methyl parathion	298-00-0	0.0066		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Mevinphos	7786-34-7	0.0048		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Naled	300-76-5	0.024		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Parathion	56-38-2	0.0055		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Phorate	298-02-2	0.0059		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Prothiophos	34643-46-4	0.0041		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Ronnel	299-84-3	0.016		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Simazine	122-34-9	0.023		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Stirophos	22248-79-9	0.0045		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Sulfotepp	3689-24-5	0.0065		mg/kg	N	UJ	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Sulprofos	35400-43-2	0.0044		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Thionazin	297-97-2	0.0058		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OPPs	Trichloronate	327-98-0	0.0065		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	1-Methylnaphthalene	90-12-0	0.16		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	2-Methylnaphthalene	91-57-6	0.075		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	Acenaphthene	83-32-9	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	Acenaphthylene	208-96-8	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	Anthracene	120-12-7	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	Benzo(a)anthracene	56-55-3	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	Benzo(a)pyrene	50-32-8	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	Chrysene	218-01-9	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	Fluoranthene	206-44-0	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	Fluorene	86-73-7	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	Naphthalene	91-20-3	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	Phenanthrene	85-01-8	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	Pyrene	129-00-0	0.0042		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1260	11096-82-5	0.018		mg/kg	N	U	EPA 8082
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.00000052	0.00000052	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.00000011		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.00000032	0.00000032	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000004		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000026		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.0000026		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.0000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.0000028		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000023		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.0000029		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.0000028		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.00000026		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.00000036	0.00000036	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.00000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.00000079	0.00000079	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.00000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.00000016		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.00000032	0.00000032	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.00000026		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000003		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.00000028		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000003		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.00000027		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.00000016		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.00000036	0.00000036	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.00000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.00000027	0.00000027	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.00000023	0.00000023	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.00000012		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000003	0.000003	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.000000094		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.00000019		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.00000074	0.00000074	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.00000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.00000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.0000002		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.00000019		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.00000091	0.00000091	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.0000021	0.0000021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.00000019		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.00000019		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.0000002		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.000000098		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.0000003		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.00000023		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.00000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.00000019		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.00000028		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.00000041		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.00000045		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.00000086	0.00000086	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.00000039		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.00000037		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.00000013		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.00000033		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.00000011		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.00000029		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.00000026		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.00000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.00000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.0000003		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.00000026		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.00000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.0000003		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.00000029		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.00000035		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.00000028		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.00000034		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.00000033		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.0000087	0.0000087	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.00000031		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.0000072	0.0000072	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.00000028		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.0000057	0.0000057	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.0000003		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.0000022	0.0000022	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.00000021		mg/kg	N	U	EPA 1668A

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.00000028		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.00000019		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.0000002		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.00000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.0000002		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.00000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.00000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.00000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.00000014		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.00000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.00000024	0.00000024	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.00000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0000007	0.0000007	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.0000087	0.0000087	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.00000025	0.00000025	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.0000034	0.0000034	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.0000059	0.0000059	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.00000019		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.00000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.0000046	0.0000046	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.00000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.00000097	0.00000097	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.0000083	0.0000083	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.00000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.0000003		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.00000065	0.00000065	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.00000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.00000016		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.00000094	0.00000094	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.00000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.00000077	0.00000077	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.00000011		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.00000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.0000005	0.0000005	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.00000046	0.00000046	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.00000085	0.00000085	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.00000013		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.00000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.0000018	0.0000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.0000018	0.0000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.00000091	0.00000091	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 107+124	PCB107+124	0.00000027		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 110+115	PCB110+115	0.0000085	0.0000085	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 12+13	PCB12+13	0.0000028		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 128+166	PCB128+166	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 134+143	PCB134+143	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 135+151	PCB135+151	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 139+140	PCB139+140	0.00000028		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 147+149	PCB147+149	0.000031	0.000031	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 153+168	PCB153+168	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 156+157	PCB156+157	0.00000084	0.00000084	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 171+173	PCB171+173	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 18+30	PCB18+30	0.00000085	0.00000085	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 180+193	PCB180+193	0.0000091	0.0000091	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 198+199	PCB198+199	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 20+28	PCB20+28	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 21+33	PCB21+33	0.00000058	0.00000058	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 26+29	PCB26+29	0.00000026		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 40+71	PCB40+71	0.00000087	0.00000087	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 49+69	PCB49+69	0.0000009	0.0000009	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 50+53	PCB50+53	0.00000031	0.00000031	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.000000096		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.00000029		mg/kg	N	U	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 88+91	PCB88+91	0.00000035		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 93+100	PCB93+100	0.00000035		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	PCBs 98+102	PCB98+102	0.00000032		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	RAD	Radium-226	Ra-226	1.18	1.18	pCi/g	Y	J	EPA 903.0
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	RAD	Radium-228	Ra-228	0.625	0.625	pCi/g	Y	J	EPA 904.0
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	RAD	Thorium-228	Th-228	1.32	1.32	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	RAD	Thorium-230	Th-230	1.13	1.13	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	RAD	Thorium-232	Th-232	1.38	1.38	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	RAD	Uranium-234	U-234	1.04	1.04	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	RAD	Uranium-235	U-235	0.059		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	RAD	Uranium-238	U-238	0.977	0.977	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.08		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.35		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.086		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	2-Chlorophenol	95-57-8	0.075		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	2-Methylphenol	95-48-7	0.086		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	2-Nitroaniline	88-74-4	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.08		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.075		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.091		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	4-Nitrophenol	100-02-7	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	Aniline	62-53-3	0.091		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	Benzoic acid	65-85-0	0.36		mg/kg	N	UJ	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	Benzyl alcohol	100-51-6	0.16		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.075		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.096		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.086		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	Dibenzofuran	132-64-9	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	Diethylphthalate	84-66-2	0.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	Dimethylphthalate	131-11-3	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.096		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.096		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	Isophorone	78-59-1	0.072		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	Nitrobenzene	98-95-3	0.075		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.075		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.086		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	Octachlorostyrene	29082-74-4	2.5		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	Pentachlorophenol	87-86-5	0.36		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	Phenol	108-95-2	0.096		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	SVOCs	Pyridine	110-86-1	0.16		mg/kg	N	U	EPA 8270
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	TPH	EFH (C10-C40)	EFH-C10-C40	2.7		mg/kg	N	U	EPA 8015
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	2.7		mg/kg	N	U	EPA 8015
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.7		mg/kg	N	U	EPA 8015
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0021		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00051		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	2-Butanone	78-93-3	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	2-Hexanone	591-78-6	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0026		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Acetone	67-64-1	0.0082		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Benzene	71-43-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Bromodichloromethane	75-27-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Carbon tetrachloride	56-23-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Chlorobenzene	108-90-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Chloroform	67-66-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Cumene	98-82-8	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Dibromochloromethane	124-48-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Dibromomethane	74-95-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Ethyl benzene	100-41-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Methylene Chloride	75-09-2	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	n-Propylbenzene	103-65-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	o-Xylene	95-47-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	p-Cymene	99-87-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Styrene	100-42-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Tetrachloroethene	127-18-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Toluene	108-88-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Trichloroethene	79-01-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.052		mg/kg	N	U	EPA 300.1
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	0.93	0.93	mg/kg	Y		EPA 314.0
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000026	0.000026	mg/kg	Y		EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000024	0.000024	mg/kg	Y		EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000041	0.0000041	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000037	0.0000037	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000066	0.0000066	mg/kg	Y		EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000084		mg/kg	N	U	EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000036	0.0000036	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000069	0.00000069	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000034		mg/kg	N	UJ	EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000046	0.00000046	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000028	0.0000028	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000019		mg/kg	N	U	EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000013	0.0000013	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000016	0.0000016	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000022	0.0000022	mg/kg	Y		EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000013		mg/kg	N	U	EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	HpCDD (total)	37871-00-4	0.0000083	0.0000083	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	HpCDF (total)	38998-75-3	0.000025	0.000025	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	HxCDD (total)	34465-46-8	0.0000046	0.0000046	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	HxCDF (total)	55684-94-1	0.00003	0.00003	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	PeCDD (total)	36088-22-9	0.0000024	0.0000024	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	PeCDF (total)	30402-15-4	0.000031	0.000031	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	TCDD (total)	41903-57-5	0.0000013	0.0000013	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Dioxins	TCDF (total)	30402-14-3	0.000021	0.000021	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	30000	30000	mg/kg	Y		SM 2320
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	General Chemistry	Ammonia	7664-41-7	2.9	2.9	mg/kg	Y	J	SM 4500 NH3-D
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	34000	34000	mg/kg	Y		SM 2320
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	General Chemistry	Bromide	24959-67-9	3.7		mg/kg	N	U	EPA 300
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	General Chemistry	Carbonate as CO3	3812-32-6	920	920	mg/kg	Y		SM 2320
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	General Chemistry	Chloride	16887-00-6	17	17	mg/kg	Y	J	EPA 300
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	General Chemistry	Hydroxide	14280-30-9	170		mg/kg	N	U	SM 2320
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	General Chemistry	Nitrate	14797-55-8	22	22	mg/kg	Y		EPA 300
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	21.7	21.7	mg/kg	Y		EPA 300
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	General Chemistry	Sulfate	14808-79-8	210	210	mg/kg	Y		EPA 300
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Aluminum	7429-90-5	11000	11000	mg/kg	Y		EPA 6010
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Antimony	7440-36-0	0.51		mg/kg	N	UJ	EPA 6020
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Arsenic	7440-38-2	2.5	2.5	mg/kg	Y		EPA 6020
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Barium	7440-39-3	210	210	mg/kg	Y		EPA 6010
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Boron	7440-42-8	4.2	4.2	mg/kg	Y	J	EPA 6010
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Chromium (total)	7440-47-3	17	17	mg/kg	Y		EPA 6010
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Chromium VI	18540-29-9	0.41		mg/kg	N	U	EPA 7199
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Cobalt	7440-48-4	7.8	7.8	mg/kg	Y		EPA 6010
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Copper	7440-50-8	22	22	mg/kg	Y		EPA 6010
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Iron	7439-89-6	19000	19000	mg/kg	Y		EPA 6010
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Lead	7439-92-1	14	14	mg/kg	Y		EPA 6010
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Magnesium	7439-95-4	8600	8600	mg/kg	Y		EPA 6010
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Manganese	7439-96-5	500	500	mg/kg	Y		EPA 6010
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Mercury	7439-97-6	0.069	0.069	mg/kg	Y		EPA 7471
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Nickel	7440-02-0	17	17	mg/kg	Y		EPA 6010
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Phosphorus (total)	7723-14-0	1200	1200	mg/kg	Y		EPA 6010
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Selenium	7782-49-2	0.51		mg/kg	N	U	EPA 6020
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Silicon	7440-21-3	83	83	mg/kg	Y	J-	EPA 6010
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Silver	7440-22-4	0.78		mg/kg	N	U	EPA 6010
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Strontium	7440-24-6	190	190	mg/kg	Y		EPA 6010
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Thallium	7440-28-0	0.25		mg/kg	N	U	EPA 6020
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Tungsten	7440-33-7	5.2		mg/kg	N	UJ	EPA 6010
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Uranium (total)	7440-61-1	0.75	0.75	mg/kg	Y		EPA 6020
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Zinc	7440-66-6	45	45	mg/kg	Y		EPA 6010
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	Metals	Zirconium	7440-67-7	22	22	mg/kg	Y		EPA 6010
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	2,4'-DDE	3424-82-6	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDD	72-54-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDE	72-55-9	0.0049	0.0049	mg/kg	Y	J	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDT	50-29-3	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	Aldrin	309-00-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	alpha-BHC	319-84-6	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	beta-BHC	319-85-7	0.0028	0.0028	mg/kg	Y	J	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	delta-BHC	319-86-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	Dieldrin	60-57-1	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	Endosulfan I	959-98-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	Endosulfan II	33213-65-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	Endrin	72-20-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	Endrin aldehyde	7421-93-4	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	gamma-BHC	58-89-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	gamma-Chlordane	5103-74-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	Hexachlorobenzene	118-74-1	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	Methoxychlor	72-43-5	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	Toxaphene	8001-35-2	0.051		mg/kg	N	U	EPA 8081
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Chlorpyrifos	2921-88-2	0.0066		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Coumaphos	56-72-4	0.0028		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Dasanit	115-90-2	0.0083		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Demeton (O + S)	8065-48-3	0.0076		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Demeton-O	298-03-3	0.0054		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Demeton-S	126-75-0	0.0049		mg/kg	N	U	EPA 8141A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Diazinon	333-41-5	0.0074		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Dichlorovos	62-73-7	0.0075		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Dimethoate	60-51-5	0.0072		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Disulfoton	298-04-4	0.0078		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	EPN	2104-64-5	0.0037		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Ethoprop	13194-48-4	0.005		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Famphur	52-85-7	0.0033		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Fenthion	55-38-9	0.0089		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Guthion	86-50-0	0.0036		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Malathion	121-75-5	0.0047		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Merphos	150-50-5	0.0052		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Methyl parathion	298-00-0	0.0065		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Mevinphos	7786-34-7	0.0047		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Naled	300-76-5	0.023		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Parathion	56-38-2	0.0054		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Phorate	298-02-2	0.0058		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Prothiophos	34643-46-4	0.004		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Ronnel	299-84-3	0.015		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Simazine	122-34-9	0.022		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Stirophos	22248-79-9	0.0044		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Sulfotepp	3689-24-5	0.0064		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Sulprofos	35400-43-2	0.0043		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Thionazin	297-97-2	0.0057		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OPPs	Trichloronate	327-98-0	0.0063		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	2-Methylnaphthalene	91-57-6	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	Acenaphthene	83-32-9	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	Acenaphthylene	208-96-8	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	Anthracene	120-12-7	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	Benzo(a)anthracene	56-55-3	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	Benzo(a)pyrene	50-32-8	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.0043	0.0043	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0041	0.0041	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	Chrysene	218-01-9	0.01	0.01	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	Fluoranthene	206-44-0	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	Fluorene	86-73-7	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	Naphthalene	91-20-3	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	Phenanthrene	85-01-8	0.011	0.011	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	Pyrene	129-00-0	0.013	0.013	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1260	11096-82-5	0.017		mg/kg	N	U	EPA 8082
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.0000032	0.0000032	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.0000025	0.0000025	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.0000039		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.0000025	0.0000025	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000023		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.0000052	0.0000052	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.0000026		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.0000068	0.0000068	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.0000045	0.0000045	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.00000068	0.00000068	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.00000044	0.00000044	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.00000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.0000003		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.00000031		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.00000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.000004	0.000004	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.00000033	0.00000033	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.00000033		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.00000038		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.00000035		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.0000053	0.0000053	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.00000038		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.00000034		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.00000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.00000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.00000086	0.00000086	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.0000008	0.0000008	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.00000016		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000045	0.000045	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.000000091		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.00000031		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.0000054	0.0000054	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.0000032	0.0000032	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.00000034		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.000003	0.000003	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.00000032		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.0000061	0.0000061	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.00000031		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.00000031		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.00000033		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.00000014		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.0000062	0.0000062	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.00000038		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.0000029	0.0000029	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.00000032		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.00000098	0.00000098	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.0000051	0.0000051	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.00004	0.00004	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.0000029		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.000022	0.000022	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.0000027		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.00000065	0.00000065	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000045	0.000045	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.000000086		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000046	0.000046	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.0000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.0000075	0.0000075	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.0000019		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.000003	0.000003	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.000092	0.000092	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.0000019		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.0000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.0000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.000003	0.000003	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.0000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.0000033	0.0000033	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.000076	0.000076	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.0000028	0.0000028	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.000022	0.000022	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.000043	0.000043	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.0000011		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.0000089	0.0000089	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.00000078		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.000031	0.000031	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.000001		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.00000072		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.00000076		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.00000092		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.00000073		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.00003	0.00003	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.00000055		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.0000009		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.00000081		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.00000068	0.00000068	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.00000094		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.000011	0.000011	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.00000061		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.000083	0.000083	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.000076	0.000076	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.0000039	0.0000039	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.0000069	0.0000069	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.000047	0.000047	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.00000033		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.000039	0.000039	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00000019		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.000084	0.000084	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.00000092	0.00000092	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.0000046	0.0000046	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.00000029		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.000046	0.000046	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.000027	0.000027	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.0000044	0.0000044	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.0000069	0.0000069	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.0000095	0.0000095	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.000039	0.000039	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.000073	0.000073	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.000026	0.000026	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.000032	0.000032	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.00024	0.00024	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 107+124	PCB107+124	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 110+115	PCB110+115	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 12+13	PCB12+13	0.0000052	0.0000052	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 128+166	PCB128+166	0.000044	0.000044	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.00027	0.00027	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 134+143	PCB134+143	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 135+151	PCB135+151	0.000061	0.000061	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 139+140	PCB139+140	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 147+149	PCB147+149	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 153+168	PCB153+168	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 156+157	PCB156+157	0.000033	0.000033	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 171+173	PCB171+173	0.000027	0.000027	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 18+30	PCB18+30	0.0000018	0.0000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 180+193	PCB180+193	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 198+199	PCB198+199	0.000062	0.000062	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 20+28	PCB20+28	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 21+33	PCB21+33	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 26+29	PCB26+29	0.00000044	0.00000044	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 40+71	PCB40+71	0.0000038	0.0000038	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 49+69	PCB49+69	0.0000071	0.0000071	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 50+53	PCB50+53	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.00000064	0.00000064	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.000029	0.000029	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.000082	0.000082	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 88+91	PCB88+91	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 93+100	PCB93+100	0.0000026		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	PCBs 98+102	PCB98+102	0.0000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	RAD	Radium-226	Ra-226	1.09	1.09	pCi/g	Y	J	EPA 903.0
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	RAD	Radium-228	Ra-228	0.948	0.948	pCi/g	Y	J	EPA 904.0
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	RAD	Thorium-228	Th-228	1.56	1.56	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	RAD	Thorium-230	Th-230	0.985	0.985	pCi/g	Y	J	DOE EML HASL 300 A-01-R
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	RAD	Thorium-232	Th-232	1.51	1.51	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	RAD	Uranium-234	U-234	0.753	0.753	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	RAD	Uranium-235	U-235	0.0375		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	RAD	Uranium-238	U-238	0.81	0.81	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.076		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.068		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.34		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.081		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.096		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	2-Chlorophenol	95-57-8	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	2-Methylphenol	95-48-7	0.081		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	2-Nitroaniline	88-74-4	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.076		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.086		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	4-Nitrophenol	100-02-7	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	Aniline	62-53-3	0.086		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	Benzidine	92-87-5	0.67		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	Benzoic acid	65-85-0	0.35		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	Benzyl alcohol	100-51-6	0.15		mg/kg	N	UJ	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.091		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.081		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	Dibenzofuran	132-64-9	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	Diethylphthalate	84-66-2	0.096		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	Dimethylphthalate	131-11-3	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.091		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.091		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	Isophorone	78-59-1	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	Nitrobenzene	98-95-3	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.081		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	Octachlorostyrene	29082-74-4	2.3		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	Phenol	108-95-2	0.091		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	TPH	EFH (C10-C40)	EFH-C10-C40	15	15	mg/kg	Y		EPA 8015
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	2.6		mg/kg	N	U	EPA 8015
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.6		mg/kg	N	U	EPA 8015
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0019		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	2,2-Dichloropropane	594-20-7	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	2-Butanone	78-93-3	0.0047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	2-Chlorotoluene	95-49-8	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	2-Hexanone	591-78-6	0.0047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	4-Chlorotoluene	106-43-4	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0024		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Acetone	67-64-1	0.0076		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Benzene	71-43-2	0.00047		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Bromobenzene	108-86-1	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Bromochloromethane	74-97-5	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Bromodichloromethane	75-27-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Bromoform	75-25-2	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Bromomethane	74-83-9	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Carbon tetrachloride	56-23-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Chlorobenzene	108-90-7	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Chloroethane	75-00-3	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Chloroform	67-66-3	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Chloromethane	74-87-3	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Cumene	98-82-8	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Dibromochloromethane	124-48-1	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Dibromomethane	74-95-3	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Diisopropyl ether	108-20-3	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Ethyl benzene	100-41-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	m,p-Xylene	179601-23-1	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Methylene Chloride	75-09-2	0.0047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	n-Butylbenzene	104-51-8	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	n-Propylbenzene	103-65-1	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	o-Xylene	95-47-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	p-Cymene	99-87-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	sec-Butylbenzene	135-98-8	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Styrene	100-42-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	t-Amyl methyl ether	994-05-8	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	tert Butyl alcohol	75-65-0	0.0095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	tert-Butylbenzene	98-06-6	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Tetrachloroethene	127-18-4	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Toluene	108-88-3	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Trichloroethene	79-01-6	0.00047		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Trichlorofluoromethane	75-69-4	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	VOCs	Vinyl chloride	75-01-4	0.00095		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.074	0.074	mg/kg	Y	J	EPA 300.1
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	0.1		mg/kg	N	U	EPA 314.0
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00036	0.00036	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000024	0.000024	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000047	0.000047	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000066	0.000066	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000012	0.0000012	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000042	0.000042	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000032	0.0000032	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000004		mg/kg	N	UJ	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000028	0.0000028	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000025	0.000025	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000016	0.0000016	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00001	0.00001	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000095	0.0000095	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000029	0.00000029	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	HpCDD (total)	37871-00-4	0.000022	0.000022	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	HpCDF (total)	38998-75-3	0.00031	0.00031	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	HxCDD (total)	34465-46-8	0.000022	0.000022	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	HxCDF (total)	55684-94-1	0.00028	0.00028	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	PeCDD (total)	36088-22-9	0.000014	0.000014	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	PeCDF (total)	30402-15-4	0.0002	0.0002	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	TCDD (total)	41903-57-5	0.00001	0.00001	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Dioxins	TCDF (total)	30402-14-3	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	520		mg/kg	N	U	SM 2320
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	General Chemistry	Ammonia	7664-41-7	3.8	3.8	mg/kg	Y	J	SM 4500 NH3-D
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	640		mg/kg	N	U	SM 2320
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	General Chemistry	Bromide	24959-67-9	3.7		mg/kg	N	U	EPA 300
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	General Chemistry	Carbonate as CO3	3812-32-6	310		mg/kg	N	U	SM 2320
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	General Chemistry	Chloride	16887-00-6	17	17	mg/kg	Y	J	EPA 300
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	General Chemistry	Hydroxide	14280-30-9	180		mg/kg	N	U	SM 2320
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	General Chemistry	Nitrate	14797-55-8	6.1	6.1	mg/kg	Y	J	EPA 300
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	6.2	6.2	mg/kg	Y	J	EPA 300

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	General Chemistry	Sulfate	14808-79-8	11000	11000	mg/kg	Y		EPA 300
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Aluminum	7429-90-5	260		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Antimony	7440-36-0	0.73	0.73	mg/kg	Y	J-	EPA 6020
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Arsenic	7440-38-2	0.26		mg/kg	N	U	EPA 6020
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Barium	7440-39-3	39		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Boron	7440-42-8	130		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Cadmium	7440-43-9	13		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Chromium (total)	7440-47-3	26		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Chromium VI	18540-29-9	0.42		mg/kg	N	U	EPA 7199
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Cobalt	7440-48-4	26		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Copper	7440-50-8	52		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Iron	7439-89-6	290	290	mg/kg	Y	J	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Lead	7439-92-1	52		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Magnesium	7439-95-4	260		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Manganese	7439-96-5	220000	220000	mg/kg	Y		EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Mercury	7439-97-6	0.1	0.1	mg/kg	Y		EPA 7471
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Molybdenum	7439-98-7	52		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Nickel	7440-02-0	52		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Phosphorus (total)	7723-14-0	130		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Selenium	7782-49-2	0.54	0.54	mg/kg	Y	J	EPA 6020
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Silver	7440-22-4	39		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Strontium	7440-24-6	130		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Tungsten	7440-33-7	260		mg/kg	N	UJ	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Uranium (total)	7440-61-1	0.099	0.099	mg/kg	Y	J	EPA 6020
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Zinc	7440-66-6	130		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	Metals	Zirconium	7440-67-7	130		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	2,4'-DDE	3424-82-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDE	72-55-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDT	50-29-3	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	beta-BHC	319-85-7	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	Hexachlorobenzene	118-74-1	2.2		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	Toxaphene	8001-35-2	0.052		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Chlorpyrifos	2921-88-2	0.0065		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Coumaphos	56-72-4	0.0028		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Dasanit	115-90-2	0.0082		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Demeton (O + S)	8065-48-3	0.0075		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Demeton-O	298-03-3	0.0053		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Demeton-S	126-75-0	0.0049		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Diazinon	333-41-5	0.0073		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Dichlorovos	62-73-7	0.0074		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Dimethoate	60-51-5	0.0071		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Disulfoton	298-04-4	0.0077		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	EPN	2104-64-5	0.0037		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Ethoprop	13194-48-4	0.0049		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Famphur	52-85-7	0.0032		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Fenthion	55-38-9	0.0087		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Guthion	86-50-0	0.0035		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Malathion	121-75-5	0.0046		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Merphos	150-50-5	0.0051		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Methyl parathion	298-00-0	0.0064		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Mevinphos	7786-34-7	0.0046		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Naled	300-76-5	0.023		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Parathion	56-38-2	0.0053		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Phorate	298-02-2	0.0057		mg/kg	N	U	EPA 8141A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Prothiophos	34643-46-4	0.0039		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Ronnel	299-84-3	0.015		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Simazine	122-34-9	0.022		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Stirophos	22248-79-9	0.0044		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Sulfotepp	3689-24-5	0.0063		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Sulprofos	35400-43-2	0.0042		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Thionazin	297-97-2	0.0056		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OPPs	Trichloronate	327-98-0	0.0063		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	1-Methylnaphthalene	90-12-0	4.6		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	2-Methylnaphthalene	91-57-6	2.2		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	Acenaphthene	83-32-9	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	Acenaphthylene	208-96-8	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	Anthracene	120-12-7	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	Chrysene	218-01-9	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	Fluoranthene	206-44-0	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	Fluorene	86-73-7	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	Naphthalene	91-20-3	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	Phenanthrene	85-01-8	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	Pyrene	129-00-0	0.021		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1260	11096-82-5	0.018		mg/kg	N	U	EPA 8082
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.0000032	0.0000032	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000026		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.000019		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.00003		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.000002		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.0000019		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.0000013		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.0000016		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.0000013		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.0000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.0000058	0.0000058	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.0000012		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.0000014		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.0000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.0000098	0.0000098	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.0000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.0000012		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.0000012		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.0000012		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.0000012		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.0000009		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000084		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.0000071	0.0000071	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.0000044	0.0000044	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.0000043	0.0000043	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.0000017		mg/kg	N	U	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.00000074		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.0000051	0.0000051	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.0000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.0000019		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.0000026		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.0000075	0.0000075	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.000004		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.0000065	0.0000065	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.0000034		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.0000071	0.0000071	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.0000032		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.000033	0.000033	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.00000054		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0000029		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.00000046		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000028	0.000028	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.0000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.0000047	0.0000047	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.0000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.0000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.0000028	0.0000028	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.000055	0.000055	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.0000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.0000026		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.0000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.0000066	0.0000066	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.0000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.0000039		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.000081	0.000081	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.0000036		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.0000033	0.0000033	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.000091	0.000091	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.0000036		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.0000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.000044	0.000044	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.0000033		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.0000023		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.0000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.0000029		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.000002		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.000039	0.000039	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.000003	0.000003	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.0000028		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.0000025		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.000028	0.000028	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.000003		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.000019	0.000019	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.0000029		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.0003	0.0003	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.000051	0.000051	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.00024	0.00024	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.000063	0.000063	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.00003	0.00003	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.000047	0.000047	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.0000063	0.0000063	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.00011	0.00011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.0000078	0.0000078	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.000025	0.000025	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.0000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.00018	0.00018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.000018	0.000018	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.000061	0.000061	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.0000016		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.00016	0.00016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.000054	0.000054	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.00011	0.00011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.000033	0.000033	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.000025	0.000025	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.000042	0.000042	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.000095	0.000095	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.00028	0.00028	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.0024	0.0024	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 107+124	PCB107+124	0.0000032	0.0000032	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 110+115	PCB110+115	0.000069	0.000069	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 12+13	PCB12+13	0.000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 128+166	PCB128+166	0.000041	0.000041	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.00039	0.00039	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 134+143	PCB134+143	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 135+151	PCB135+151	0.000079	0.000079	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 139+140	PCB139+140	0.0000033		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 147+149	PCB147+149	0.0002	0.0002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 153+168	PCB153+168	0.00032	0.00032	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 156+157	PCB156+157	0.000046	0.000046	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 171+173	PCB171+173	0.00008	0.00008	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 18+30	PCB18+30	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 180+193	PCB180+193	0.0006	0.0006	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 198+199	PCB198+199	0.00014	0.00014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 20+28	PCB20+28	0.0000058	0.0000058	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 21+33	PCB21+33	0.0000033	0.0000033	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 26+29	PCB26+29	0.0000014		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 40+71	PCB40+71	0.0000042	0.0000042	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 49+69	PCB49+69	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 50+53	PCB50+53	0.00000093		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.000026	0.000026	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.0000094	0.0000094	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.000031	0.000031	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 88+91	PCB88+91	0.000003		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.000057	0.000057	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 93+100	PCB93+100	0.000003		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	PCBs 98+102	PCB98+102	0.0000028		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	RAD	Radium-226	Ra-226	0.087		pCi/g	N	U	EPA 903.0
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	RAD	Radium-228	Ra-228	-0.052		pCi/g	N	U	EPA 904.0
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	RAD	Thorium-228	Th-228	0.0222		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	RAD	Thorium-230	Th-230	0.0394		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	RAD	Thorium-232	Th-232	0.00876		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	RAD	Uranium-234	U-234	0.0795		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	RAD	Uranium-235	U-235	-0.0111		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	RAD	Uranium-238	U-238	0.0623		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	4		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	2.3		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dichlorophenol	120-83-2	2.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dimethylphenol	105-67-9	4		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dinitrophenol	51-28-5	10		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	2.5		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	2.9		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	2-Chloronaphthalene	91-58-7	2.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	2-Chlorophenol	95-57-8	2.2		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	2-Methylphenol	95-48-7	2.5		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	2-Nitroaniline	88-74-4	2.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	2-Nitrophenol	88-75-5	4.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	4.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	4.6		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	3-Nitroaniline	99-09-2	4.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	2.3		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	2.2		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	4-Chloroaniline	106-47-8	4.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	2.6		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	4-Nitroaniline	100-01-6	4.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	4-Nitrophenol	100-02-7	4.3		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	Aniline	62-53-3	2.6		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	Benzidine	92-87-5	20		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	Benzoic acid	65-85-0	10		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	Benzyl alcohol	100-51-6	4.6		mg/kg	N	UJ	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	4.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	2.2		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	2.8		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	Butylbenzylphthalate	85-68-7	2.5		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	Dibenzofuran	132-64-9	2.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	Diethylphthalate	84-66-2	2.9		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	Dimethylphthalate	131-11-3	2.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	Di-n-butylphthalate	84-74-2	2.8		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	Di-n-octylphthalate	117-84-0	2.8		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	4.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	Hexachloroethane	67-72-1	4.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	Isophorone	78-59-1	2.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	Nitrobenzene	98-95-3	2.2		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	2.2		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	2.5		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	Octachlorostyrene	29082-74-4	71		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	Pentachlorophenol	87-86-5	10		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	Phenol	108-95-2	2.8		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	SVOCs	Pyridine	110-86-1	4.6		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	TPH	EFH (C10-C40)	EFH-C10-C40	950	950	mg/kg	Y	J	EPA 8015
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	620	620	mg/kg	Y	J	EPA 8015
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	320	320	mg/kg	Y	J	EPA 8015
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0021		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00053		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00053		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00053		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	2,2-Dichloropropane	594-20-7	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	2-Butanone	78-93-3	0.0053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	2-Chlorotoluene	95-49-8	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	2-Hexanone	591-78-6	0.039	0.039	mg/kg	Y	J+	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	4-Chlorotoluene	106-43-4	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0026		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Acetone	67-64-1	0.0084		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Benzene	71-43-2	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Bromobenzene	108-86-1	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Bromochloromethane	74-97-5	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Bromodichloromethane	75-27-4	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Bromoform	75-25-2	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Bromomethane	74-83-9	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Carbon tetrachloride	56-23-5	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Chlorobenzene	108-90-7	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Chloroethane	75-00-3	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Chloroform	67-66-3	0.0027	0.0027	mg/kg	Y	J+	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Chloromethane	74-87-3	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Cumene	98-82-8	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Dibromochloromethane	124-48-1	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Dibromomethane	74-95-3	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.0011		mg/kg	N	UJ	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Diisopropyl ether	108-20-3	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Ethyl benzene	100-41-4	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	m,p-Xylene	179601-23-1	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Methylene Chloride	75-09-2	0.0053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	n-Butylbenzene	104-51-8	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	n-Propylbenzene	103-65-1	0.00053		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	o-Xylene	95-47-6	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	p-Cymene	99-87-6	0.00053		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	sec-Butylbenzene	135-98-8	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Styrene	100-42-5	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	t-Amyl methyl ether	994-05-8	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	tert Butyl alcohol	75-65-0	0.011		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	tert-Butylbenzene	98-06-6	0.0011		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Tetrachloroethene	127-18-4	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Toluene	108-88-3	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Trichloroethene	79-01-6	0.00053		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Trichlorofluoromethane	75-69-4	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	VOCs	Vinyl chloride	75-01-4	0.0011		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.076	0.076	mg/kg	Y	J	EPA 300.1
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	1.8	1.8	mg/kg	Y		EPA 314.0
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00036	0.00036	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000027	0.000027	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0002	0.0002	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000054	0.000054	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000074	0.000074	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000016	0.0000016	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000048	0.000048	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000034	0.0000034	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000003		mg/kg	N	UJ	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000034	0.0000034	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000029	0.000029	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000018	0.0000018	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000048	0.00000048	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	HpCDD (total)	37871-00-4	0.000022	0.000022	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	HpCDF (total)	38998-75-3	0.00035	0.00035	mg/kg	Y		EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	HxCDD (total)	34465-46-8	0.000025	0.000025	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	HxCDF (total)	55684-94-1	0.00031	0.00031	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	PeCDD (total)	36088-22-9	0.000017	0.000017	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	PeCDF (total)	30402-15-4	0.00024	0.00024	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	TCDD (total)	41903-57-5	0.000014	0.000014	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Dioxins	TCDF (total)	30402-14-3	0.00017	0.00017	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	520		mg/kg	N	U	SM 2320
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	General Chemistry	Ammonia	7664-41-7	8.9	8.9	mg/kg	Y	J	SM 4500 NH3-D
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	640		mg/kg	N	U	SM 2320
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	General Chemistry	Bromide	24959-67-9	3.6		mg/kg	N	U	EPA 300
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	General Chemistry	Carbonate as CO3	3812-32-6	310		mg/kg	N	U	SM 2320
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	General Chemistry	Chloride	16887-00-6	23	23	mg/kg	Y	J	EPA 300
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	General Chemistry	Hydroxide	14280-30-9	180		mg/kg	N	U	SM 2320
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	General Chemistry	Nitrate	14797-55-8	13	13	mg/kg	Y	J	EPA 300
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	13.28571429	13.28571429	mg/kg	Y		EPA 300
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 300
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	General Chemistry	Sulfate	14808-79-8	10000	10000	mg/kg	Y		EPA 300
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Aluminum	7429-90-5	520		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Antimony	7440-36-0	1.1	1.1	mg/kg	Y	J-	EPA 6020
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Arsenic	7440-38-2	0.26		mg/kg	N	U	EPA 6020
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Barium	7440-39-3	39		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Boron	7440-42-8	130		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Cadmium	7440-43-9	13		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Chromium (total)	7440-47-3	26		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Chromium VI	18540-29-9	0.42		mg/kg	N	U	EPA 7199
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Cobalt	7440-48-4	26		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Copper	7440-50-8	85	85	mg/kg	Y	J	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Iron	7439-89-6	470	470	mg/kg	Y	J	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Lead	7439-92-1	52		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Magnesium	7439-95-4	450	450	mg/kg	Y	J	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Manganese	7439-96-5	250000	250000	mg/kg	Y		EPA 6010

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Mercury	7439-97-6	0.089	0.089	mg/kg	Y		EPA 7471
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Molybdenum	7439-98-7	52		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Nickel	7440-02-0	52		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Phosphorus (total)	7723-14-0	130		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Selenium	7782-49-2	0.53		mg/kg	N	U	EPA 6020
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Silver	7440-22-4	39		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Strontium	7440-24-6	130		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Tungsten	7440-33-7	260		mg/kg	N	UJ	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Uranium (total)	7440-61-1	0.26	0.26	mg/kg	Y	J	EPA 6020
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Zinc	7440-66-6	130		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	Metals	Zirconium	7440-67-7	130		mg/kg	N	U	EPA 6010
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	2,4'-DDE	3424-82-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	4,4'-DDE	72-55-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	4,4'-DDT	50-29-3	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	beta-BHC	319-85-7	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	Hexachlorobenzene	118-74-1	0.86		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	Toxaphene	8001-35-2	0.053		mg/kg	N	U	EPA 8081
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Chlorpyrifos	2921-88-2	0.0062		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Coumaphos	56-72-4	0.0027		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Dasanit	115-90-2	0.0079		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Demeton (O + S)	8065-48-3	0.0073		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Demeton-O	298-03-3	0.0051		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Demeton-S	126-75-0	0.0047		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Diazinon	333-41-5	0.007		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Dichlorovos	62-73-7	0.0071		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Dimethoate	60-51-5	0.0068		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Disulfoton	298-04-4	0.0075		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	EPN	2104-64-5	0.0036		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Ethoprop	13194-48-4	0.0048		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Famphur	52-85-7	0.0031		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Fenthion	55-38-9	0.0084		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Guthion	86-50-0	0.0034		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Malathion	121-75-5	0.0045		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Merphos	150-50-5	0.005		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Methyl parathion	298-00-0	0.0062		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Mevinphos	7786-34-7	0.0045		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Naled	300-76-5	0.022		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Parathion	56-38-2	0.0051		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Phorate	298-02-2	0.0055		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Prothiophos	34643-46-4	0.0038		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Ronnel	299-84-3	0.015		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Simazine	122-34-9	0.021		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Stirophos	22248-79-9	0.0042		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Sulfotepp	3689-24-5	0.006		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Sulprofos	35400-43-2	0.0041		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Thionazin	297-97-2	0.0054		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OPPs	Trichloronate	327-98-0	0.006		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	1-Methylnaphthalene	90-12-0	1.9		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	2-Methylnaphthalene	91-57-6	0.86		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	Acenaphthene	83-32-9	0.0083		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	Acenaphthylene	208-96-8	0.0083		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	Anthracene	120-12-7	0.0083		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	Benzo(a)anthracene	56-55-3	0.0083		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	Benzo(a)pyrene	50-32-8	0.0083		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.0083		mg/kg	N	U	EPA 8270 SIM

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0083		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.0083		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	Chrysene	218-01-9	0.0083		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0083		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	Fluoranthene	206-44-0	0.0083		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	Fluorene	86-73-7	0.0083		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0083		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	Naphthalene	91-20-3	0.0083		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	Phenanthrene	85-01-8	0.0083		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	Pyrene	129-00-0	0.0083		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	Aroclor-1260	11096-82-5	0.018		mg/kg	N	U	EPA 8082
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.000003	0.000003	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.0000047	0.0000047	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000014		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.000016		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.000016		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000027	0.000027	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.000014		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.0000012		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000045	0.0000045	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.000001		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.000001		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.0000074	0.0000074	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.000002		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.0000019		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.00000095		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.00000091		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.0000009		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.0000007		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000021	0.000021	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000064		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.0000095	0.0000095	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.0000086	0.0000086	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.0000075	0.0000075	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.000025	0.000025	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.00000058		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.000015	0.000015	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.0000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.0000019		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.0000027		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.0000089	0.0000089	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.0000075		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.0000064		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.0000061		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.000093	0.000093	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.00000061		mg/kg	N	U	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000021	0.000021	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0000055		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.0000005		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000045	0.000045	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.0000048		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.0000085	0.0000085	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.000004		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.0000042		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.0000056	0.0000056	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.00013	0.00013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.0000042		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0000041		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.0000049		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.0000046		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.0000047		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.000031	0.000031	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.0000094		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.00022	0.00022	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.0000097	0.0000097	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.000065	0.000065	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.0000078		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.00028	0.00028	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.0000085		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.000038	0.000038	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.0000059		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.00013	0.00013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.0000079		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.0000054		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.0000057		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.0000072	0.0000072	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.0000047		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.0001	0.0001	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.0000068		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.0000061		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.000079	0.000079	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.0000071		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.000042	0.000042	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.0000033		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.00069	0.00069	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.00014	0.00014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.0006	0.0006	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.00003	0.00003	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.000046	0.000046	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.00027	0.00027	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.000073	0.000073	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.0000026		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.00029	0.00029	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.000072	0.000072	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.0005	0.0005	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.0000082	0.0000082	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.000038	0.000038	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.00013	0.00013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.00004	0.00004	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.0000022		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.00032	0.00032	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.0001	0.0001	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.00025	0.00025	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.000054	0.000054	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.000036	0.000036	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.000071	0.000071	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.000038	0.000038	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.00022	0.00022	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.000029	0.000029	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.000038	0.000038	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.0003	0.0003	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.00041	0.00041	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.00022	0.00022	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.0032	0.0032	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 107+124	PCB107+124	0.0000059	0.0000059	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 110+115	PCB110+115	0.00016	0.00016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 12+13	PCB12+13	0.000016		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 128+166	PCB128+166	0.00009	0.00009	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.0011	0.0011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 134+143	PCB134+143	0.000026	0.000026	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 135+151	PCB135+151	0.00025	0.00025	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 139+140	PCB139+140	0.0000078		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 147+149	PCB147+149	0.00064	0.00064	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 153+168	PCB153+168	0.0012	0.0012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 156+157	PCB156+157	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 171+173	PCB171+173	0.00018	0.00018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 18+30	PCB18+30	0.0000049	0.0000049	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 180+193	PCB180+193	0.0016	0.0016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 198+199	PCB198+199	0.00028	0.00028	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 20+28	PCB20+28	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 21+33	PCB21+33	0.0000054	0.0000054	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 26+29	PCB26+29	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 40+71	PCB40+71	0.0000078	0.0000078	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 49+69	PCB49+69	0.0000074	0.0000074	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 50+53	PCB50+53	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.00004	0.00004	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.000057	0.000057	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 88+91	PCB88+91	0.0000058		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 93+100	PCB93+100	0.0000058		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	PCBs 98+102	PCB98+102	0.0000053		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	RAD	Radium-226	Ra-226	0.0738		pCi/g	N	U	EPA 903.0
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	RAD	Radium-228	Ra-228	0.734		pCi/g	N	UJ	EPA 904.0
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	RAD	Thorium-228	Th-228	0.0371		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	RAD	Thorium-230	Th-230	0.0392		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	RAD	Thorium-232	Th-232	0.039		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	RAD	Uranium-234	U-234	0.0736	0.0736	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	RAD	Uranium-235	U-235	0.0265		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	RAD	Uranium-238	U-238	0.0264		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	1.6		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.93		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.83		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	2,4-Dimethylphenol	105-67-9	1.6		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	2,4-Dinitrophenol	51-28-5	4.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.99		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	1.2		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.83		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	2-Chlorophenol	95-57-8	0.86		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	2-Methylphenol	95-48-7	0.99		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	2-Nitroaniline	88-74-4	0.83		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	2-Nitrophenol	88-75-5	1.6		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	1.6		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	1.9		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	3-Nitroaniline	99-09-2	1.6		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.93		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.86		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	4-Chloroaniline	106-47-8	1.6		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	4-Nitroaniline	100-01-6	1.6		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	4-Nitrophenol	100-02-7	1.7		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	Aniline	62-53-3	1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	Benzidine	92-87-5	8.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	Benzoic acid	65-85-0	4.2		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	Benzyl alcohol	100-51-6	1.9		mg/kg	N	UJ	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	1.6		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.86		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	1.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.99		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	Dibenzofuran	132-64-9	0.83		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	Diethylphthalate	84-66-2	1.2		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	Dimethylphthalate	131-11-3	0.83		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	Di-n-butylphthalate	84-74-2	1.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	Di-n-octylphthalate	117-84-0	1.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	1.6		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	Hexachloroethane	67-72-1	1.6		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	Isophorone	78-59-1	0.83		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	Nitrobenzene	98-95-3	0.86		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.86		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.99		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	Octachlorostyrene	29082-74-4	28		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	Pentachlorophenol	87-86-5	4.2		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	Phenol	108-95-2	1.1		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	SVOCs	Pyridine	110-86-1	1.9		mg/kg	N	U	EPA 8270
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	TPH	EFH (C10-C40)	EFH-C10-C40	540	540	mg/kg	Y	J	EPA 8015
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	370	370	mg/kg	Y	J	EPA 8015
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	170	170	mg/kg	Y	J	EPA 8015
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0021		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	2-Butanone	78-93-3	0.02	0.02	mg/kg	Y		EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	2-Hexanone	591-78-6	0.0052		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0026		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Acetone	67-64-1	0.03	0.03	mg/kg	Y		EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Benzene	71-43-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Bromodichloromethane	75-27-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Carbon tetrachloride	56-23-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Chlorobenzene	108-90-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Chloroform	67-66-3	0.00061	0.00061	mg/kg	Y	J	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Cumene	98-82-8	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Dibromochloromethane	124-48-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Dibromomethane	74-95-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	UJ	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Ethyl benzene	100-41-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Methylene Chloride	75-09-2	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	n-Propylbenzene	103-65-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	o-Xylene	95-47-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	p-Cymene	99-87-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Styrene	100-42-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Tetrachloroethene	127-18-4	0.00051		mg/kg	N	U	EPA 8260

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Toluene	108-88-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Trichloroethene	79-01-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.052		mg/kg	N	U	EPA 300.1
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	1	1	mg/kg	Y		EPA 314.0
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000098	0.000098	mg/kg	Y		EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000061	0.000061	mg/kg	Y		EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00005	0.00005	mg/kg	Y		EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000021	0.000021	mg/kg	Y		EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000088	0.00000088	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000021	0.0000021	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000001	0.000001	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000021	0.0000021	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000023	0.0000023	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000068	0.00000068	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000039	0.0000039	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000056	0.0000056	mg/kg	Y		EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000046	0.0000046	mg/kg	Y		EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000021		mg/kg	N	U	EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	HpCDD (total)	37871-00-4	0.000026	0.000026	mg/kg	Y		EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	HpCDF (total)	38998-75-3	0.000092	0.000092	mg/kg	Y		EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	HxCDD (total)	34465-46-8	0.000017	0.000017	mg/kg	Y		EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	HxCDF (total)	55684-94-1	0.000087	0.000087	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	PeCDD (total)	36088-22-9	0.0000078	0.0000078	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	PeCDF (total)	30402-15-4	0.000071	0.000071	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	TCDD (total)	41903-57-5	0.0000038	0.0000038	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Dioxins	TCDF (total)	30402-14-3	0.000049	0.000049	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	23000	23000	mg/kg	Y		SM 2320
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	General Chemistry	Ammonia	7664-41-7	4.1	4.1	mg/kg	Y	J	SM 4500 NH3-D
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	28000	28000	mg/kg	Y		SM 2320
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	General Chemistry	Bromide	24959-67-9	3.7		mg/kg	N	U	EPA 300
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	General Chemistry	Carbonate as CO3	3812-32-6	310	310	mg/kg	Y		SM 2320
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	General Chemistry	Chloride	16887-00-6	8.2	8.2	mg/kg	Y		EPA 300
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	General Chemistry	Hydroxide	14280-30-9	180		mg/kg	N	U	SM 2320
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	General Chemistry	Nitrate	14797-55-8	11	11	mg/kg	Y		EPA 300
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	11.07142857	11.07142857	mg/kg	Y		EPA 300
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 300
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	General Chemistry	ortho-Phosphate	11-36-9	4.2		mg/kg	N	UJ	EPA 300
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	General Chemistry	Sulfate	14808-79-8	390	390	mg/kg	Y		EPA 300
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Aluminum	7429-90-5	13000	13000	mg/kg	Y		EPA 6010
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Antimony	7440-36-0	0.52		mg/kg	N	UJ	EPA 6020
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Arsenic	7440-38-2	2.9	2.9	mg/kg	Y		EPA 6020
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Barium	7440-39-3	250	250	mg/kg	Y		EPA 6010
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Boron	7440-42-8	4.1	4.1	mg/kg	Y	J	EPA 6010
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Chromium (total)	7440-47-3	14	14	mg/kg	Y		EPA 6010
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Chromium VI	18540-29-9	0.73	0.73	mg/kg	Y	J	EPA 7199
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Cobalt	7440-48-4	9.4	9.4	mg/kg	Y		EPA 6010
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Copper	7440-50-8	25	25	mg/kg	Y		EPA 6010
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Iron	7439-89-6	20000	20000	mg/kg	Y		EPA 6010
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Lead	7439-92-1	20	20	mg/kg	Y		EPA 6010
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Magnesium	7439-95-4	11000	11000	mg/kg	Y		EPA 6010
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Manganese	7439-96-5	810	810	mg/kg	Y		EPA 6010
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Mercury	7439-97-6	0.081	0.081	mg/kg	Y		EPA 7471
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Nickel	7440-02-0	18	18	mg/kg	Y		EPA 6010
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Phosphorus (total)	7723-14-0	1200	1200	mg/kg	Y		EPA 6010
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Selenium	7782-49-2	0.52		mg/kg	N	U	EPA 6020
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Silicon	7440-21-3	80	80	mg/kg	Y	J-	EPA 6010
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Silver	7440-22-4	0.77		mg/kg	N	U	EPA 6010
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Strontium	7440-24-6	270	270	mg/kg	Y		EPA 6010
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Tungsten	7440-33-7	5.2		mg/kg	N	UJ	EPA 6010
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Uranium (total)	7440-61-1	0.79	0.79	mg/kg	Y		EPA 6020
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Zinc	7440-66-6	58	58	mg/kg	Y		EPA 6010
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	Metals	Zirconium	7440-67-7	23	23	mg/kg	Y		EPA 6010
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	2,4'-DDE	3424-82-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDE	72-55-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDT	50-29-3	0.0019	0.0019	mg/kg	Y	J	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	beta-BHC	319-85-7	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	Hexachlorobenzene	118-74-1	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	Toxaphene	8001-35-2	0.052		mg/kg	N	U	EPA 8081
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Chlorpyrifos	2921-88-2	0.0066		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Coumaphos	56-72-4	0.0028		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Dasanit	115-90-2	0.0083		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Demeton (O + S)	8065-48-3	0.0076		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Demeton-O	298-03-3	0.0054		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Demeton-S	126-75-0	0.0049		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Diazinon	333-41-5	0.0074		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Dichlorovos	62-73-7	0.0075		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Dimethoate	60-51-5	0.0072		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Disulfoton	298-04-4	0.0079		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	EPN	2104-64-5	0.0037		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Ethoprop	13194-48-4	0.005		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Famphur	52-85-7	0.0033		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Fenthion	55-38-9	0.0089		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Guthion	86-50-0	0.0036		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Malathion	121-75-5	0.0047		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Merphos	150-50-5	0.0052		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Methyl parathion	298-00-0	0.0065		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Mevinphos	7786-34-7	0.0047		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Naled	300-76-5	0.023		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Parathion	56-38-2	0.0054		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Phorate	298-02-2	0.0058		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Prothiophos	34643-46-4	0.004		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Ronnel	299-84-3	0.015		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Simazine	122-34-9	0.022		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Stirophos	22248-79-9	0.0044		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Sulfotepp	3689-24-5	0.0064		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Sulprofos	35400-43-2	0.0043		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Thionazin	297-97-2	0.0057		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OPPs	Trichloronate	327-98-0	0.0064		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	2-Methylnaphthalene	91-57-6	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	Acenaphthene	83-32-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	Acenaphthylene	208-96-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	Anthracene	120-12-7	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	Benzo(a)anthracene	56-55-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	Benzo(a)pyrene	50-32-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	Chrysene	218-01-9	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	Fluoranthene	206-44-0	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	Fluorene	86-73-7	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	Naphthalene	91-20-3	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	Phenanthrene	85-01-8	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	Pyrene	129-00-0	0.0041		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1260	11096-82-5	0.018		mg/kg	N	U	EPA 8082
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.0000073	0.0000073	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.0000089	0.0000089	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.0000042	0.0000042	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000018	0.0000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.0000085	0.0000085	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000022	0.000022	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.0000053	0.0000053	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.0000066	0.0000066	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000016		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.00000085	0.00000085	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.0000004	0.0000004	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000064	0.0000064	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00000044		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.00000046		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.00000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.00000084	0.00000084	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.00000049		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.00000052		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.00000056		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.00000035	0.00000035	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.0000022	0.0000022	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.00000037	0.00000037	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000074	0.00000074	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.00000062	0.00000062	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.00000062	0.00000062	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000014	0.00000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.00000069		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.0000067	0.0000067	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.00000077		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.00000077		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.0000047	0.0000047	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.00000072		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.0000068	0.0000068	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.00000071		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.0000007		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.00000074		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.00000022	0.00000022	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.00000086		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.000003	0.000003	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.00000071		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.000001		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.00001		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.000041	0.000041	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.0000087		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.000036	0.000036	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.0000083		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.00051	0.00051	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.000001	0.000001	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0000074		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.00000021	0.00000021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.0000065		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.0000068	0.0000068	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.0000055		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.0000057		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.0000067		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.0000057		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0000056		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.0000067		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.0000064		mg/kg	N	U	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.0000095	0.0000095	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.0000064		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.000069	0.000069	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.00058	0.00058	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.00027	0.00027	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.0000081	0.0000081	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.00046	0.00046	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.0000062		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.0000043		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.00025	0.00025	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.0000057		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.0000039		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.0000042		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.000007	0.000007	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.0000043		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.0000049		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.0000044		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.0000059	0.0000059	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.0000052		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.000057	0.000057	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.0000024		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.0012	0.0012	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0002	0.0002	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.0015	0.0015	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.000046	0.000046	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.00013	0.00013	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.0008	0.0008	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.00018	0.00018	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.00043	0.00043	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.0000059	0.0000059	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.00072	0.00072	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.0000051	0.0000051	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00000052		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.0013	0.0013	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.000036	0.000036	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.00022	0.00022	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.000057	0.000057	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.0000015		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.00038	0.00038	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.00024	0.00024	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.000066	0.000066	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.000075	0.000075	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.000071	0.000071	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.0000066	0.0000066	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.000027	0.000027	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.00017	0.00017	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.000074	0.000074	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.000084	0.000084	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.0006	0.0006	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 107+124	PCB107+124	0.0000062		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 110+115	PCB110+115	0.00042	0.00042	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 12+13	PCB12+13	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 128+166	PCB128+166	0.00018	0.00018	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.0022	0.0022	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 134+143	PCB134+143	0.000077	0.000077	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 135+151	PCB135+151	0.00076	0.00076	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 139+140	PCB139+140	0.0000065	0.0000065	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 147+149	PCB147+149	0.0019	0.0019	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 153+168	PCB153+168	0.002	0.002	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 156+157	PCB156+157	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 171+173	PCB171+173	0.00052	0.00052	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 18+30	PCB18+30	0.0000049	0.0000049	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 180+193	PCB180+193	0.0028	0.0028	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 198+199	PCB198+199	0.00041	0.00041	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 20+28	PCB20+28	0.0000099	0.0000099	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 21+33	PCB21+33	0.0000048	0.0000048	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 26+29	PCB26+29	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 40+71	PCB40+71	0.0000044	0.0000044	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.0000092	0.0000092	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 49+69	PCB49+69	0.0000036	0.0000036	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 50+53	PCB50+53	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.000025	0.000025	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.0000079	0.0000079	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.00006	0.00006	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 88+91	PCB88+91	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.00025	0.00025	mg/kg	Y		EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 93+100	PCB93+100	0.0000078		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	PCBs 98+102	PCB98+102	0.0000071		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	RAD	Radium-226	Ra-226	0.755	0.755	pCi/g	Y	J	EPA 903.0
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	RAD	Radium-228	Ra-228	0.842	0.842	pCi/g	Y	J	EPA 904.0
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	RAD	Thorium-228	Th-228	1.44	1.44	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	RAD	Thorium-230	Th-230	0.748	0.748	pCi/g	Y	J	DOE EML HASL 300 A-01-R
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	RAD	Thorium-232	Th-232	1.23	1.23	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	RAD	Uranium-234	U-234	0.62	0.62	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	RAD	Uranium-235	U-235	0.039		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	RAD	Uranium-238	U-238	0.75	0.75	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.076		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.34		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.081		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.097		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	2-Chlorophenol	95-57-8	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	2-Methylphenol	95-48-7	0.081		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	2-Nitroaniline	88-74-4	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.076		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	4-Chloroaniline	106-47-8	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.087		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	4-Nitrophenol	100-02-7	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	Aniline	62-53-3	0.087		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	Benzidine	92-87-5	0.67		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	Benzoic acid	65-85-0	0.35		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	Benzyl alcohol	100-51-6	0.15		mg/kg	N	UJ	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.092		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.081		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	Dibenzofuran	132-64-9	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	Diethylphthalate	84-66-2	0.097		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	Dimethylphthalate	131-11-3	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.092		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.092		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	Hexachloroethane	67-72-1	0.14		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	Isophorone	78-59-1	0.068		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	Nitrobenzene	98-95-3	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.071		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.081		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	Octachlorostyrene	29082-74-4	2.3		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	Phenol	108-95-2	0.092		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	TPH	EFH (C10-C40)	EFH-C10-C40	12	12	mg/kg	Y		EPA 8015
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	2.6		mg/kg	N	U	EPA 8015
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	3	3	mg/kg	Y	J	EPA 8015
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	2,2-Dichloropropane	594-20-7	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	2-Butanone	78-93-3	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	2-Chlorotoluene	95-49-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	2-Hexanone	591-78-6	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	4-Chlorotoluene	106-43-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Acetone	67-64-1	0.0081		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Benzene	71-43-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Bromobenzene	108-86-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Bromochloromethane	74-97-5	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Bromodichloromethane	75-27-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Bromoform	75-25-2	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Bromomethane	74-83-9	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Carbon tetrachloride	56-23-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Chlorobenzene	108-90-7	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Chloroethane	75-00-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Chloroform	67-66-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Chloromethane	74-87-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Cumene	98-82-8	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Dibromochloromethane	124-48-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Dibromomethane	74-95-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Diisopropyl ether	108-20-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Ethyl benzene	100-41-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Methylene Chloride	75-09-2	0.0051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	n-Butylbenzene	104-51-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	n-Propylbenzene	103-65-1	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	o-Xylene	95-47-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	p-Cymene	99-87-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	sec-Butylbenzene	135-98-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Styrene	100-42-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	t-Amyl methyl ether	994-05-8	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	tert-Butylbenzene	98-06-6	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Tetrachloroethene	127-18-4	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Toluene	108-88-3	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Trichloroethene	79-01-6	0.00051		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Trichlorofluoromethane	75-69-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Chlorine Oxyanions	Chlorate	14866-68-3	0.56	0.56	mg/kg	Y		EPA 300.1
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Chlorine Oxyanions	Perchlorate	14797-73-0	7.3	7.3	mg/kg	Y		EPA 314.0
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0013	0.0013	mg/kg	Y		EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00032	0.00032	mg/kg	Y		EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00053	0.00053	mg/kg	Y		EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000072	0.000072	mg/kg	Y		EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00019	0.00019	mg/kg	Y		EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00024	0.00024	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000052	0.0000052	mg/kg	Y		EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000014	0.000014	mg/kg	Y	J-	EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000091	0.000091	mg/kg	Y		EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000059	0.0000059	mg/kg	Y		EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00003	0.00003	mg/kg	Y		EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00005	0.00005	mg/kg	Y		EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000043	0.000043	mg/kg	Y		EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000014	0.0000014	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	HpCDD (total)	37871-00-4	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	HpCDF (total)	38998-75-3	0.0011	0.0011	mg/kg	Y		EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	HxCDD (total)	34465-46-8	0.000084	0.000084	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	HxCDF (total)	55684-94-1	0.001	0.001	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	PeCDD (total)	36088-22-9	0.000067	0.000067	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	PeCDF (total)	30402-15-4	0.00083	0.00083	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	TCDD (total)	41903-57-5	0.000054	0.000054	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Dioxins	TCDF (total)	30402-14-3	0.00061	0.00061	mg/kg	Y	J	EPA 8290
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	General Chemistry	Alkalinity (as CaCO3)	ALKA	8600	8600	mg/kg	Y		SM 2320
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	General Chemistry	Ammonia	7664-41-7	5	5	mg/kg	Y	J	SM 4500 NH3-D
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	General Chemistry	Bicarbonate as HCO3	BICARBHCO3	10000	10000	mg/kg	Y		SM 2320
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	General Chemistry	Bromide	24959-67-9	3.6		mg/kg	N	U	EPA 300
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	General Chemistry	Carbonate as CO3	3812-32-6	300		mg/kg	N	U	SM 2320
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	General Chemistry	Chloride	16887-00-6	13	13	mg/kg	Y		EPA 300
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	General Chemistry	Hydroxide	14280-30-9	170		mg/kg	N	U	SM 2320
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	General Chemistry	Nitrate	14797-55-8	9.2	9.2	mg/kg	Y		EPA 300
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	General Chemistry	Nitrate/Nitrite	NO3/NO2	15.5	15.5	mg/kg	Y		EPA 300
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	General Chemistry	Nitrite	14797-65-0	4.6	4.6	mg/kg	Y	J	EPA 300
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	General Chemistry	ortho-Phosphate	11-36-9	4.1		mg/kg	N	UJ	EPA 300
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	General Chemistry	Sulfate	14808-79-8	290	290	mg/kg	Y		EPA 300
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Aluminum	7429-90-5	7200	7200	mg/kg	Y		EPA 6010
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Antimony	7440-36-0	1.8	1.8	mg/kg	Y	J-	EPA 6020
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Arsenic	7440-38-2	6.6	6.6	mg/kg	Y		EPA 6020
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Barium	7440-39-3	250	250	mg/kg	Y		EPA 6010
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Boron	7440-42-8	21	21	mg/kg	Y	J	EPA 6010
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Cadmium	7440-43-9	1.3		mg/kg	N	U	EPA 6010
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Chromium (total)	7440-47-3	71	71	mg/kg	Y		EPA 6010
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Chromium VI	18540-29-9	0.41		mg/kg	N	U	EPA 7199
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Cobalt	7440-48-4	20	20	mg/kg	Y		EPA 6010
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Copper	7440-50-8	110	110	mg/kg	Y		EPA 6010
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Iron	7439-89-6	140000	140000	mg/kg	Y		EPA 6010
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Lead	7439-92-1	21	21	mg/kg	Y		EPA 6010
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Magnesium	7439-95-4	6600	6600	mg/kg	Y		EPA 6010
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Manganese	7439-96-5	3100	3100	mg/kg	Y		EPA 6010
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Mercury	7439-97-6	0.23	0.23	mg/kg	Y		EPA 7471
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Molybdenum	7439-98-7	10	10	mg/kg	Y		EPA 6010
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Nickel	7440-02-0	79	79	mg/kg	Y		EPA 6010
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Phosphorus (total)	7723-14-0	890	890	mg/kg	Y		EPA 6010
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Selenium	7782-49-2	0.5		mg/kg	N	U	EPA 6020
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Silicon	7440-21-3	58	58	mg/kg	Y	J-	EPA 6010
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Silver	7440-22-4	3.8		mg/kg	N	U	EPA 6010
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Strontium	7440-24-6	98	98	mg/kg	Y		EPA 6010
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Thallium	7440-28-0	0.25		mg/kg	N	U	EPA 6020
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Tungsten	7440-33-7	25		mg/kg	N	UJ	EPA 6010
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Uranium (total)	7440-61-1	1.5	1.5	mg/kg	Y		EPA 6020
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Zinc	7440-66-6	890	890	mg/kg	Y		EPA 6010
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	Metals	Zirconium	7440-67-7	43	43	mg/kg	Y		EPA 6010
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	2,4'-DDE	3424-82-6	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDD	72-54-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDE	72-55-9	0.0021	0.0021	mg/kg	Y	J	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	4,4'-DDT	50-29-3	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	Aldrin	309-00-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	alpha-BHC	319-84-6	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	alpha-Chlordane	5103-71-9	0.002		mg/kg	N	U	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	beta-BHC	319-85-7	0.0033	0.0033	mg/kg	Y	J	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	delta-BHC	319-86-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	Dieldrin	60-57-1	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	Endosulfan I	959-98-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	Endosulfan II	33213-65-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	Endosulfan sulfate	1031-07-8	0.002		mg/kg	N	U	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	Endrin	72-20-8	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	Endrin aldehyde	7421-93-4	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	Endrin ketone	53494-70-5	0.002		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	gamma-BHC	58-89-9	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	gamma-Chlordane	5103-74-2	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	Heptachlor	76-44-8	0.002		mg/kg	N	U	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	Heptachlor epoxide	1024-57-3	0.002		mg/kg	N	U	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	Hexachlorobenzene	118-74-1	0.069		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	Methoxychlor	72-43-5	0.0015		mg/kg	N	U	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	Toxaphene	8001-35-2	0.05		mg/kg	N	U	EPA 8081
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Chlorpyrifos	2921-88-2	0.0062		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Coumaphos	56-72-4	0.0027		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Dasanit	115-90-2	0.0078		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Demeton (O + S)	8065-48-3	0.0072		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Demeton-O	298-03-3	0.0051		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Demeton-S	126-75-0	0.0046		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Diazinon	333-41-5	0.0069		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Dichlorovos	62-73-7	0.0071		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Dimethoate	60-51-5	0.0068		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Disulfoton	298-04-4	0.0074		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	EPN	2104-64-5	0.0035		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Ethoprop	13194-48-4	0.0047		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Famphur	52-85-7	0.0031		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Fenthion	55-38-9	0.0084		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Guthion	86-50-0	0.0033		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Malathion	121-75-5	0.0044		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Merphos	150-50-5	0.0049		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Methyl parathion	298-00-0	0.0061		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Mevinphos	7786-34-7	0.0044		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Naled	300-76-5	0.022		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Parathion	56-38-2	0.0051		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Phorate	298-02-2	0.0054		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Prothiophos	34643-46-4	0.0037		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Ronnel	299-84-3	0.015		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Simazine	122-34-9	0.021		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Stirophos	22248-79-9	0.0042		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Sulfotepp	3689-24-5	0.006		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Sulprofos	35400-43-2	0.0041		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Thionazin	297-97-2	0.0053		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OPPs	Trichloronate	327-98-0	0.006		mg/kg	N	U	EPA 8141A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	2-Methylnaphthalene	91-57-6	0.14	0.14	mg/kg	Y	J	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	Acenaphthene	83-32-9	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	Acenaphthylene	208-96-8	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	Anthracene	120-12-7	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	Benzo(a)anthracene	56-55-3	0.02	0.02	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	Benzo(a)pyrene	50-32-8	0.013	0.013	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	Benzo(b)fluoranthene	205-99-2	0.041	0.041	mg/kg	Y		EPA 8270 SIM
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	Benzo(g,h,i)perylene	191-24-2	0.015	0.015	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	Benzo(k)fluoranthene	207-08-9	0.014	0.014	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	Chrysene	218-01-9	0.031	0.031	mg/kg	Y		EPA 8270 SIM
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	Dibenz(a,h)anthracene	53-70-3	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	Fluoranthene	206-44-0	0.045	0.045	mg/kg	Y		EPA 8270 SIM
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	Fluorene	86-73-7	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.016	0.016	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	Naphthalene	91-20-3	0.004		mg/kg	N	U	EPA 8270 SIM
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	Phenanthrene	85-01-8	0.016	0.016	mg/kg	Y	J	EPA 8270 SIM
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	Pyrene	129-00-0	0.033	0.033	mg/kg	Y		EPA 8270 SIM
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1260	11096-82-5	0.017		mg/kg	N	U	EPA 8082
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-001 (2-CB)	2051-60-7	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-002 (3-CB)	2051-61-8	0.000021	0.000021	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-003 (4-CB)	2051-62-9	0.00002	0.00002	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.000002		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000019		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000029	0.000029	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.0000068	0.0000068	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000016		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000021	0.000021	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000018		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.000057	0.000057	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.000005	0.000005	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.000004	0.000004	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.000012	0.000012	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.0000016		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00000078	0.00000078	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.000023	0.000023	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.0000036	0.0000036	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000066	0.0000066	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.0000032	0.0000032	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.000033	0.000033	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000021		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.0000049	0.0000049	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.0000045	0.0000045	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.0000087	0.0000087	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.0000028	0.0000028	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.0000044	0.0000044	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.0000071	0.0000071	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000062	0.000062	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000034	0.00000034	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.0000025	0.0000025	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.000031	0.000031	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.0000017		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.0000021	0.0000021	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.0000039	0.0000039	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.000063	0.000063	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.0000028	0.0000028	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.0000036	0.0000036	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.0000049	0.0000049	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.000001	0.000001	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.0000033	0.0000033	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.0000036	0.0000036	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.0000051	0.0000051	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.000011		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.00003	0.00003	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.0000098		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.000036	0.000036	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.0000093		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.00018	0.00018	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000053	0.000053	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0000083		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.000001	0.000001	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000081	0.000081	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.000021	0.000021	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.000007	0.000007	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.0000064		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.00001	0.00001	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.00019	0.00019	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.000008	0.000008	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0000063		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.0000075		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.0000071		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.000016	0.000016	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.0000072	0.0000072	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.000052	0.000052	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.000011		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.00025	0.00025	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.00008	0.00008	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.00001		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.000048	0.000048	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.000007		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.00014	0.00014	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.0000093		mg/kg	N	U	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.0000064		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.0000068		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.0000067		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.0000081		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.0000072		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.0000084	0.0000084	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.000084	0.000084	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.0000084		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.000062	0.000062	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.0000055	0.0000055	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.00065	0.00065	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.00016	0.00016	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.00057	0.00057	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.000049	0.000049	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.00006	0.00006	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.00031	0.00031	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.000092	0.000092	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.0003	0.0003	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.000035	0.000035	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.000072	0.000072	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.000005	0.000005	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.00055	0.00055	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.00005	0.00005	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.000038	0.000038	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.0000081	0.0000081	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.00034	0.00034	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.00027	0.00027	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.000087	0.000087	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.000063	0.000063	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.000063	0.000063	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.00022	0.00022	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.000059	0.000059	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.000062	0.000062	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.00048	0.00048	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.00058	0.00058	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.00039	0.00039	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCB-209 (DeCB)	2051-24-3	0.006	0.006	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 107+124	PCB107+124	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 110+115	PCB110+115	0.00028	0.00028	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 12+13	PCB12+13	0.000034	0.000034	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 128+166	PCB128+166	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 129+138+163	PCB129+138+163	0.0011	0.0011	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 134+143	PCB134+143	0.000034	0.000034	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 135+151	PCB135+151	0.00028	0.00028	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 139+140	PCB139+140	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 147+149	PCB147+149	0.00072	0.00072	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 153+168	PCB153+168	0.001	0.001	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 156+157	PCB156+157	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 171+173	PCB171+173	0.00022	0.00022	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 18+30	PCB18+30	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 180+193	PCB180+193	0.0015	0.0015	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 198+199	PCB198+199	0.00037	0.00037	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 20+28	PCB20+28	0.000028	0.000028	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 21+33	PCB21+33	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 26+29	PCB26+29	0.0000052	0.0000052	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 40+71	PCB40+71	0.000026	0.000026	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 44+47+65	PCB44+47+65	0.000041	0.000041	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 49+69	PCB49+69	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 50+53	PCB50+53	0.0000045	0.0000045	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 59+62+75	PCB59+62+75	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.00011	0.00011	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 85+116+117	PCB85+116+117	0.000041	0.000041	mg/kg	Y	J	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.00015	0.00015	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 88+91	PCB88+91	0.000013	0.000013	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 90+101+113	PCB90+101+113	0.00027	0.00027	mg/kg	Y		EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 93+100	PCB93+100	0.0000088		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	PCBs 98+102	PCB98+102	0.000008		mg/kg	N	U	EPA 1668A
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	RAD	Radium-226	Ra-226	0.879	0.879	pCi/g	Y	J	EPA 903.0
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	RAD	Radium-228	Ra-228	0.838	0.838	pCi/g	Y	J	EPA 904.0
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	RAD	Thorium-228	Th-228	0.916	0.916	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	RAD	Thorium-230	Th-230	0.776	0.776	pCi/g	Y	J	DOE EML HASL 300 A-01-R
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	RAD	Thorium-232	Th-232	1.12	1.12	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	RAD	Uranium-234	U-234	0.751	0.751	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	RAD	Uranium-235	U-235	0.0122		pCi/g	N	U	DOE EML HASL 300 A-01-R
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	RAD	Uranium-238	U-238	0.792	0.792	pCi/g	Y		DOE EML HASL 300 A-01-R
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.13		mg/kg	N	UJ	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.21	0.21	mg/kg	Y	J-	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dichlorophenol	120-83-2	0.066		mg/kg	N	UJ	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	UJ	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dinitrophenol	51-28-5	0.33		mg/kg	N	UJ	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	2,4-Dinitrotoluene	121-14-2	0.079		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	2,6-Dinitrotoluene	606-20-2	0.094		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	2-Chloronaphthalene	91-58-7	0.42	0.42	mg/kg	Y		EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	2-Chlorophenol	95-57-8	0.17	0.17	mg/kg	Y	J-	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	2-Methylphenol	95-48-7	0.079		mg/kg	N	UJ	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	2-Nitroaniline	88-74-4	0.066		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	2-Nitrophenol	88-75-5	0.13		mg/kg	N	UJ	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	3&4-Methylphenol	1319-77-3MP	1.1	1.1	mg/kg	Y	J-	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	3-Nitroaniline	99-09-2	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.074		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.32	0.32	mg/kg	Y	J-	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	4-Chloroaniline	106-47-8	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.084		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	4-Nitroaniline	100-01-6	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	4-Nitrophenol	100-02-7	0.14		mg/kg	N	UJ	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	Aniline	62-53-3	0.084		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	Benzidine	92-87-5	0.65		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	Benzoic acid	65-85-0	0.34		mg/kg	N	UJ	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	Benzyl alcohol	100-51-6	0.15		mg/kg	N	UJ	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.069		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.089		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	Butylbenzylphthalate	85-68-7	0.079		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	Dibenzofuran	132-64-9	0.2	0.2	mg/kg	Y	J	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	Diethylphthalate	84-66-2	0.094		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	Dimethylphthalate	131-11-3	0.066		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	Di-n-butylphthalate	84-74-2	0.089		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	Di-n-octylphthalate	117-84-0	0.089		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	Hexachloroethane	67-72-1	0.13		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	Isophorone	78-59-1	0.27	0.27	mg/kg	Y	J	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	Nitrobenzene	98-95-3	0.069		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.069		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.079		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	Octachlorostyrene	29082-74-4	2.3		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	Pentachlorophenol	87-86-5	0.34		mg/kg	N	UJ	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	Phenol	108-95-2	0.94	0.94	mg/kg	Y	J-	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	U	EPA 8270
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	TPH	EFH (C10-C40)	EFH-C10-C40	23	23	mg/kg	Y		EPA 8015
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	TPH	Petroleum Hydrocarbons (C29-C40)	C29-C40	9.7	9.7	mg/kg	Y		EPA 8015
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	5.5	5.5	mg/kg	Y		EPA 8015
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.14		mg/kg	N	U	EPA 8015
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00049		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	2,2-Dichloropropane	594-20-7	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	2-Butanone	78-93-3	0.0049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	2-Chlorotoluene	95-49-8	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	2-Hexanone	591-78-6	0.0049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	4-Chlorotoluene	106-43-4	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0024		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Acetone	67-64-1	0.0078		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Benzene	71-43-2	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Bromobenzene	108-86-1	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Bromochloromethane	74-97-5	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Bromodichloromethane	75-27-4	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Bromoform	75-25-2	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Bromomethane	74-83-9	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Carbon tetrachloride	56-23-5	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Chlorobenzene	108-90-7	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Chloroethane	75-00-3	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Chloroform	67-66-3	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Chloromethane	74-87-3	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Cumene	98-82-8	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Dibromochloromethane	124-48-1	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Dibromomethane	74-95-3	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Diisopropyl ether	108-20-3	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Ethyl benzene	100-41-4	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	m,p-Xylene	179601-23-1	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Methylene Chloride	75-09-2	0.0049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	n-Butylbenzene	104-51-8	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	n-Propylbenzene	103-65-1	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	o-Xylene	95-47-6	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	p-Cymene	99-87-6	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	sec-Butylbenzene	135-98-8	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Styrene	100-42-5	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	t-Amyl methyl ether	994-05-8	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	tert Butyl alcohol	75-65-0	0.0098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	tert-Butylbenzene	98-06-6	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Tetrachloroethene	127-18-4	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Toluene	108-88-3	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Trichloroethene	79-01-6	0.00049		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Trichlorofluoromethane	75-69-4	0.00098		mg/kg	N	U	EPA 8260
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	VOCs	Vinyl chloride	75-01-4	0.00098		mg/kg	N	U	EPA 8260
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.02	0.02	mg/kg	Y		EPA 8290
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00055	0.00055	mg/kg	Y		EPA 8290
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0084	0.0084	mg/kg	Y		EPA 8290
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00056	0.00056	mg/kg	Y		EPA 8290
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0032	0.0032	mg/kg	Y		EPA 8290
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0023	0.0023	mg/kg	Y		EPA 8290
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000091	0.000091	mg/kg	Y		EPA 8290
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0023	0.0023	mg/kg	Y		EPA 8290
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00036	0.00036	mg/kg	Y		EPA 8290
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000096	0.000096	mg/kg	Y		EPA 8290
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.002	0.002	mg/kg	Y		EPA 8290
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00044	0.00044	mg/kg	Y		EPA 8290
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.001	0.001	mg/kg	Y		EPA 8290
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00095	0.00095	mg/kg	Y		EPA 8290
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000035	0.000035	mg/kg	Y		EPA 8290
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	General Chemistry	Moisture	MOIST	1.3	1.3	percent	Y		ASTM 2216
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	OCPs	Hexachlorobenzene	118-74-1	0.66	0.66	mg/kg	Y		EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	PAHs	Acenaphthene	83-32-9	0.01		mg/kg	N		EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	PAHs	Benzo(a)anthracene	56-55-3	0.024	0.024	mg/kg	Y	J	EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	PAHs	Benzo(a)pyrene	50-32-8	0.029	0.029	mg/kg	Y	J	EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.1	0.1	mg/kg	Y	J	EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.022	0.022	mg/kg	Y	J	EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.04		mg/kg	N	UJ	EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	PAHs	Chrysene	218-01-9	0.081	0.081	mg/kg	Y	J	EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N		EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	PAHs	Fluoranthene	206-44-0	0.043	0.043	mg/kg	Y	J	EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.022		mg/kg	N		EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	PAHs	Naphthalene	91-20-3	0.031		mg/kg	N		EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	PAHs	Pyrene	129-00-0	0.048	0.048	mg/kg	Y	J	EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	SVOCs	1,4-Dioxane	123-91-1	0.066		mg/kg	N		EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.046		mg/kg	N		EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.043		mg/kg	N		EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Diethylphthalate	84-66-2	0.026		mg/kg	N		EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Dimethylphthalate	131-11-3	0.023		mg/kg	N		EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.029		mg/kg	N		EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.014		mg/kg	N		EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Nitrobenzene	98-95-3	0.022		mg/kg	N		EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Octachlorostyrene	29082-74-4	0.41	0.41	mg/kg	Y		EPA 8270C
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Chlorine Oxyanions	Chlorate	14866-68-3	3.56	3.56	mg/kg	Y		EPA 300.1M
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	11	11	mg/kg	Y	J+	EPA 314.0M
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000525	0.0000525	mg/kg	Y		EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000032	0.0000032	mg/kg	Y	J	EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000142	0.0000142	mg/kg	Y		EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000014	0.0000014	mg/kg	Y	JK	EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000884	0.00000884	mg/kg	Y	JK	EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000504	0.00000504	mg/kg	Y		EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000257		mg/kg	N		EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000312	0.00000312	mg/kg	Y		EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000000561	0.000000561	mg/kg	Y	JK	EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000000683	0.000000683	mg/kg	Y	JK	EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000648	0.000000648	mg/kg	Y	J	EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000198	0.00000198	mg/kg	Y	J	EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000186		mg/kg	N		EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000196	0.00000196	mg/kg	Y	J	EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000000956	0.000000956	mg/kg	Y	J	EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000016	0.0000016	mg/kg	Y		EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	8.98E-08		mg/kg	N		EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	HpCDD (total)	37871-00-4	0.000000272		mg/kg	N		EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	HpCDF (total)	38998-75-3	0.0000215	0.0000215	mg/kg	Y		EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	HxCDD (total)	34465-46-8	0.000000648	0.000000648	mg/kg	Y	J	EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	HxCDF (total)	55684-94-1	0.0000133	0.0000133	mg/kg	Y		EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	PeCDD (total)	36088-22-9	0.000000186		mg/kg	N		EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	PeCDF (total)	30402-15-4	0.0000111	0.0000111	mg/kg	Y		EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	TCDD (total)	41903-57-5	0.000000743	0.000000743	mg/kg	Y	J	EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Dioxins	TCDF (total)	30402-14-3	0.00000517	0.00000517	mg/kg	Y		EPA 8290
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	144	144	mg/kg	Y		SM 2320B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Bromide	24959-67-9	0.7	0.7	mg/kg	Y	J	EPA 9056
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Chloride	16887-00-6	396	396	mg/kg	Y	J+	EPA 9056
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Cyanide (total)	57-12-5	0.5		mg/kg	N		EPA 9012A
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Hydrogen carbonate	71-52-3	141	141	mg/kg	Y		SM 2320B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	UJ	SM 5540C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Nitrate	14797-55-8	110.2714286	110.2714286	mg/kg	Y	J+	EPA 9056
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	pH	PH	8.24	8.24	SU	Y		EPA 9045D
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Sulfate	14808-79-8	838	838	mg/kg	Y	J+	EPA 9056
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Total Organic Carbon	TOC	840	840	mg/kg	Y		LLOYD KAHN
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Aluminum	7429-90-5	7230	7230	mg/kg	Y		EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Arsenic	7440-38-2	1.38	1.38	mg/kg	Y		EPA 6020
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Barium	7440-39-3	171	171	mg/kg	Y		EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Beryllium	7440-41-7	0.327	0.327	mg/kg	Y		EPA 6020
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Boron	7440-42-8	6	6	mg/kg	Y	J	EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Calcium	7440-70-2	18800	18800	mg/kg	Y		EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Chromium (total)	7440-47-3	4.84	4.84	mg/kg	Y		EPA 6020
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Cobalt	7440-48-4	7	7	mg/kg	Y		EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Copper	7440-50-8	16.6	16.6	mg/kg	Y		EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Iron	7439-89-6	14200	14200	mg/kg	Y		EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Lead	7439-92-1	8.5	8.5	mg/kg	Y		EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Magnesium	7439-95-4	7760	7760	mg/kg	Y		EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Manganese	7439-96-5	394	394	mg/kg	Y	J	EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Mercury	7439-97-6	0.009	0.009	mg/kg	Y	J	EPA 7471
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Molybdenum	7439-98-7	0.57	0.57	mg/kg	Y		EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Nickel	7440-02-0	19	19	mg/kg	Y		EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Phosphorus (total)	7723-14-0	852	852	mg/kg	Y		EPA 365.1M
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Platinum	7440-06-4	0.007		mg/kg	N		EPA 6020
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Potassium	7440-09-7	2640	2640	mg/kg	Y		EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Sodium	7440-23-5	792	792	mg/kg	Y		EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Strontium	7440-24-6	130	130	mg/kg	Y		EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Thallium	7440-28-0	0.095	0.095	mg/kg	Y		EPA 6020
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Tin	7440-31-5	4.4	4.4	mg/kg	Y	J	EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Titanium	7440-32-6	715	715	mg/kg	Y		EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Tungsten	7440-33-7	0.11	0.11	mg/kg	Y	J-	EPA 6020
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Uranium (total)	7440-61-1	0.567	0.567	mg/kg	Y		EPA 6020
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Vanadium	7440-62-2	38.3	38.3	mg/kg	Y		EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	Metals	Zinc	7440-66-6	29.8	29.8	mg/kg	Y		EPA 6010
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	4,4'-DDE	72-55-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	Aldrin	309-00-2	0.00087		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	alpha-BHC	319-84-6	0.00087		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	alpha-Chlordane	5103-71-9	0.00087		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	beta-BHC	319-85-7	0.0012	0.0012	mg/kg	Y	J	EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	Chlordane (total)	57-74-9	0.0044		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	delta-BHC	319-86-8	0.00087		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	Endosulfan I	959-98-8	0.00087		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	Endrin	72-20-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	gamma-BHC	58-89-9	0.00087		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	gamma-Chlordane	5103-74-2	0.00087		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	Heptachlor	76-44-8	0.00087		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00087		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	Hexachlorobenzene	118-74-1	0.0014	0.0014	mg/kg	Y	J	EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	Methoxychlor	72-43-5	0.0087		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	Toxaphene	8001-35-2	0.018		mg/kg	N		EPA 8081
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00057		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	PAHs	Acenaphthylene	208-96-8	0.00075		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	PAHs	Anthracene	120-12-7	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00058		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00068		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00084		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	PAHs	Chrysene	218-01-9	0.00099		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00078		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	PAHs	Fluorene	86-73-7	0.0007		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0009		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	PAHs	Naphthalene	91-20-3	0.00085		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	PAHs	Phenanthrene	85-01-8	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	PAHs	Pyrene	129-00-0	0.00099		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	RAD	Radium-226	Ra-226	0.956	0.956	pCi/g	Y		EPA 903.1 MOD
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	RAD	Radium-228	Ra-228	0.672	0.672	pCi/g	Y		EPA 904.0 MOD
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	RAD	Thorium-228	Th-228	2.13	2.13	pCi/g	Y		DOE EML HASL-300
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	RAD	Thorium-230	Th-230	1.19	1.19	pCi/g	Y		DOE EML HASL-300
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	RAD	Thorium-232	Th-232	1.84	1.84	pCi/g	Y		DOE EML HASL-300
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	RAD	Uranium-234	U-234	0.903	0.903	pCi/g	Y		DOE EML HASL-300
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	RAD	Uranium-235	U-235	0.0422		pCi/g	N		DOE EML HASL-300
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	RAD	Uranium-238	U-238	1.02	1.02	pCi/g	Y		DOE EML HASL-300
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	SVOCs	1,4-Dioxane	123-91-1	0.005		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	SVOCs	Dimethylphthalate	131-11-3	0.0009		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.057	0.057	mg/kg	Y	J	EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00056		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0036		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	SVOCs	Pyridine	110-86-1	0.027		mg/kg	N		EPA 8270C
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	TPH	Oil Range Organics	TPH-MOTOR	41		mg/kg	N		EPA 8015B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	41		mg/kg	N		EPA 8015B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00016		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00012		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,1-Dichloropropene	563-58-6	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00053		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00039		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00056		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,2-Dichloroethane	107-06-2	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,2-Dichloropropane	78-87-5	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	2-Butanone	78-93-3	0.00056		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	2-Chlorotoluene	95-49-8	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	2-Hexanone	591-78-6	0.00052		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	4-Chlorotoluene	106-43-4	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Acetone	67-64-1	0.0051	0.0051	mg/kg	Y	J	EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Benzene	71-43-2	0.00016		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Bromobenzene	108-86-1	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Bromochloromethane	74-97-5	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Bromodichloromethane	75-27-4	0.00016		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Bromoform	75-25-2	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Bromomethane	74-83-9	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Carbon tetrachloride	56-23-5	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Chlorobenzene	108-90-7	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Chloroethane	75-00-3	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Chloroform	67-66-3	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Chloromethane	74-87-3	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Cumene	98-82-8	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Dibromochloromethane	124-48-1	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Dibromomethane	74-95-3	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00039		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Diisopropyl ether	108-20-3	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Ethyl benzene	100-41-4	0.00065		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	m,p-Xylene	179601-23-1	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Methylene Chloride	75-09-2	0.0006	0.0006	mg/kg	Y	J	EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	n-Butylbenzene	104-51-8	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	n-Propylbenzene	103-65-1	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	o-Xylene	95-47-6	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	p-Cymene	99-87-6	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	sec-Butylbenzene	135-98-8	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Styrene	100-42-5	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	t-Amyl methyl ether	994-05-8	0.000081		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	tert Butyl alcohol	75-65-0	0.0052		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	tert-Butylbenzene	98-06-6	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Tetrachloroethene	127-18-4	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Toluene	108-88-3	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Trichloroethene	79-01-6	0.0003		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	VOCs	Vinyl chloride	75-01-4	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.964	0.964	mg/kg	Y		EPA 300.1M
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.677	0.677	mg/kg	Y	J+	EPA 314.0M
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000152	0.000152	mg/kg	Y		EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000054	0.0000054	mg/kg	Y		EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000558	0.0000558	mg/kg	Y		EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000379	0.00000379	mg/kg	Y		EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000263	0.0000263	mg/kg	Y	JK	EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000026	0.000026	mg/kg	Y		EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000049	0.00000049	mg/kg	Y	JK	EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000178	0.0000178	mg/kg	Y		EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000127	0.00000127	mg/kg	Y	J	EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000024	0.0000024	mg/kg	Y	J	EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000132	0.00000132	mg/kg	Y	J	EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000105	0.0000105	mg/kg	Y		EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000076	0.00000076	mg/kg	Y	JK	EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000814	0.00000814	mg/kg	Y		EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000462	0.00000462	mg/kg	Y		EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000496	0.00000496	mg/kg	Y	JK	EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	7.55E-08		mg/kg	N		EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	HpCDD (total)	37871-00-4	0.00000602	0.00000602	mg/kg	Y		EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	HpCDF (total)	38998-75-3	0.000085	0.000085	mg/kg	Y		EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	HxCDD (total)	34465-46-8	0.00000876	0.00000876	mg/kg	Y		EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	HxCDF (total)	55684-94-1	0.000121	0.000121	mg/kg	Y		EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	PeCDD (total)	36088-22-9	0.00000831	0.00000831	mg/kg	Y		EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	PeCDF (total)	30402-15-4	0.0000993	0.0000993	mg/kg	Y		EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	TCDD (total)	41903-57-5	0.00000809	0.00000809	mg/kg	Y		EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Dioxins	TCDF (total)	30402-14-3	0.0000829	0.0000829	mg/kg	Y		EPA 8290
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	539	539	mg/kg	Y		SM 2320B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Carbonate as CO3	3812-32-6	32	32	mg/kg	Y		SM 2320B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Chloride	16887-00-6	17.6	17.6	mg/kg	Y	J+	EPA 9056
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Hydrogen carbonate	71-52-3	507	507	mg/kg	Y		SM 2320B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	UJ	SM 5540C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Nitrate	14797-55-8	18.55571429	18.55571429	mg/kg	Y	J+	EPA 9056
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	pH	PH	9.39	9.39	SU	Y		EPA 9045D
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Sulfate	14808-79-8	56.4	56.4	mg/kg	Y	J+	EPA 9056
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	General Chemistry	Total Organic Carbon	TOC	830	830	mg/kg	Y		LLOYD KAHN
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Aluminum	7429-90-5	8320	8320	mg/kg	Y		EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Arsenic	7440-38-2	1.82	1.82	mg/kg	Y		EPA 6020
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Barium	7440-39-3	163	163	mg/kg	Y		EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Beryllium	7440-41-7	0.469	0.469	mg/kg	Y		EPA 6020
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Boron	7440-42-8	7.8	7.8	mg/kg	Y	J	EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Calcium	7440-70-2	27800	27800	mg/kg	Y		EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Chromium (total)	7440-47-3	6.67	6.67	mg/kg	Y		EPA 6020
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Cobalt	7440-48-4	7.5	7.5	mg/kg	Y		EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Copper	7440-50-8	18.8	18.8	mg/kg	Y		EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Iron	7439-89-6	16400	16400	mg/kg	Y		EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Lead	7439-92-1	9.4	9.4	mg/kg	Y		EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Magnesium	7439-95-4	8930	8930	mg/kg	Y		EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Manganese	7439-96-5	447	447	mg/kg	Y	J	EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Mercury	7439-97-6	0.016	0.016	mg/kg	Y		EPA 7471
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Molybdenum	7439-98-7	0.57	0.57	mg/kg	Y		EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Nickel	7440-02-0	17.5	17.5	mg/kg	Y		EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Phosphorus (total)	7723-14-0	939	939	mg/kg	Y		EPA 365.1M
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Platinum	7440-06-4	0.007		mg/kg	N		EPA 6020
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Potassium	7440-09-7	3190	3190	mg/kg	Y		EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Sodium	7440-23-5	624	624	mg/kg	Y		EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Strontium	7440-24-6	153	153	mg/kg	Y		EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Thallium	7440-28-0	0.1	0.1	mg/kg	Y		EPA 6020
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Tin	7440-31-5	1.9	1.9	mg/kg	Y	J	EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Titanium	7440-32-6	809	809	mg/kg	Y		EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Tungsten	7440-33-7	0.16	0.16	mg/kg	Y	J-	EPA 6020
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Uranium (total)	7440-61-1	0.664	0.664	mg/kg	Y		EPA 6020
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Vanadium	7440-62-2	45.4	45.4	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	Metals	Zinc	7440-66-6	32	32	mg/kg	Y		EPA 6010
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	4,4'-DDE	72-55-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	Aldrin	309-00-2	0.00089		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	alpha-BHC	319-84-6	0.00089		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	alpha-Chlordane	5103-71-9	0.00089		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	beta-BHC	319-85-7	0.00097	0.00097	mg/kg	Y	J	EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	Chlordane (total)	57-74-9	0.0045		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	delta-BHC	319-86-8	0.00089		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	Endosulfan I	959-98-8	0.00089		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	Endrin	72-20-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	gamma-BHC	58-89-9	0.00089		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	gamma-Chlordane	5103-74-2	0.00089		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	Heptachlor	76-44-8	0.00089		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00089		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	Hexachlorobenzene	118-74-1	0.0046	0.0046	mg/kg	Y		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	Methoxychlor	72-43-5	0.0089		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	Toxaphene	8001-35-2	0.018		mg/kg	N		EPA 8081
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00058		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	PAHs	Acenaphthylene	208-96-8	0.00077		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00059		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0007		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00086		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00079		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	PAHs	Fluorene	86-73-7	0.00071		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00092		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	PAHs	Naphthalene	91-20-3	0.00087		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	PAHs	Pyrene	129-00-0	0.001		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	RAD	Radium-226	Ra-226	0.998	0.998	pCi/g	Y		EPA 903.1 MOD
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	RAD	Radium-228	Ra-228	1.88	1.88	pCi/g	Y		EPA 904.0 MOD
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	RAD	Thorium-228	Th-228	2.12	2.12	pCi/g	Y		DOE EML HASL-300
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	RAD	Thorium-230	Th-230	1.31	1.31	pCi/g	Y	J	DOE EML HASL-300
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	RAD	Thorium-232	Th-232	2.25	2.25	pCi/g	Y		DOE EML HASL-300
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	RAD	Uranium-234	U-234	0.914	0.914	pCi/g	Y		DOE EML HASL-300
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	RAD	Uranium-235	U-235	0.0576	0.0576	pCi/g	Y		DOE EML HASL-300
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	RAD	Uranium-238	U-238	0.943	0.943	pCi/g	Y		DOE EML HASL-300
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	SVOCs	1,4-Dioxane	123-91-1	0.0051		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	SVOCs	Dimethylphthalate	131-11-3	0.00092		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.036	0.036	mg/kg	Y	J	EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N	UJ	EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00061		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0036		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	TPH	Oil Range Organics	TPH-MOTOR	42		mg/kg	N		EPA 8015B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	42		mg/kg	N		EPA 8015B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00019		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00013		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00058		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00061		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00056		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	2-Butanone	78-93-3	0.00061		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	2-Chlorotoluene	95-49-8	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	2-Hexanone	591-78-6	0.00057		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	4-Chlorotoluene	106-43-4	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00053		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Acetone	67-64-1	0.0053	0.0053	mg/kg	Y	J	EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Benzene	71-43-2	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Bromobenzene	108-86-1	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Bromochloromethane	74-97-5	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Bromodichloromethane	75-27-4	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Bromoform	75-25-2	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Bromomethane	74-83-9	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Carbon tetrachloride	56-23-5	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Chlorobenzene	108-90-7	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Chloroethane	75-00-3	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Chloroform	67-66-3	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Chloromethane	74-87-3	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Cumene	98-82-8	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Dibromochloromethane	124-48-1	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Dibromomethane	74-95-3	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Diisopropyl ether	108-20-3	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Ethyl benzene	100-41-4	0.00071		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	m,p-Xylene	179601-23-1	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Methylene Chloride	75-09-2	0.00069	0.00069	mg/kg	Y	J	EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	n-Butylbenzene	104-51-8	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	n-Propylbenzene	103-65-1	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	o-Xylene	95-47-6	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	p-Cymene	99-87-6	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	sec-Butylbenzene	135-98-8	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Styrene	100-42-5	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	t-Amyl methyl ether	994-05-8	0.000089		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	tert Butyl alcohol	75-65-0	0.0057		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	tert-Butylbenzene	98-06-6	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Tetrachloroethene	127-18-4	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Toluene	108-88-3	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Trichloroethene	79-01-6	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	VOCs	Vinyl chloride	75-01-4	0.00019		mg/kg	N		EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Chlorine Oxyanions	Chlorate	14866-68-3	0.322	0.322	mg/kg	Y	J	EPA 300.1
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Chlorine Oxyanions	Perchlorate	14797-73-0	0.31	0.31	mg/kg	Y	J	EPA 314.0
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.73	0.73	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0227	0.0227	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.222	0.222	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0152	0.0152	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.142	0.142	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.103	0.103	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0018	0.0018	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0659	0.0659	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00382	0.00382	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0119	0.0119	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00413	0.00413	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0219	0.0219	mg/kg	Y		EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0017	0.0017	mg/kg	Y		EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0149	0.0149	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0106	0.0106	mg/kg	Y		EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00586	0.00586	mg/kg	Y		EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000755	0.000755	mg/kg	Y		EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	HpCDD (total)	37871-00-4	0.0263	0.0263	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	HpCDF (total)	38998-75-3	0.197	0.197	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	HxCDD (total)	34465-46-8	0.0296	0.0296	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	HxCDF (total)	55684-94-1	0.23	0.23	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	PeCDD (total)	36088-22-9	0.024	0.024	mg/kg	Y		EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	PeCDF (total)	30402-15-4	0.0225	0.0225	mg/kg	Y		EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	TCDD (total)	41903-57-5	0.0246	0.0246	mg/kg	Y		EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Dioxins	TCDF (total)	30402-14-3	0.0482	0.0482	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	General Chemistry	Alkalinity (as CaCO3)	ALKA	1240	1240	mg/kg	Y		SM 2320B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	General Chemistry	Ammonia	7664-41-7	0.412196235		mg/kg	N		EPA 350.1 MOD
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	General Chemistry	Carbonate as CO3	3812-32-6	938	938	mg/kg	Y		SM 2320B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	General Chemistry	Chloride	16887-00-6	4.69		mg/kg	N		EPA 9056
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	General Chemistry	Cyanide (total)	57-12-5	0.218		mg/kg	N		EPA 9012A
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	General Chemistry	Hydrogen carbonate	71-52-3	299	299	mg/kg	Y		SM 2320B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	General Chemistry	Methylene Blue Active Substances	MBAS	2.13		mg/kg	N		SM 5540C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	General Chemistry	Nitrate	14797-55-8	1.589857143		mg/kg	N		EPA 9056
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	General Chemistry	Nitrite	14797-65-0	0.001		mg/kg	N		EPA 9056
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	General Chemistry	pH	PH	9.99	9.99	SU	Y		EPA 9045C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	General Chemistry	Sulfate	14808-79-8	0.52		mg/kg	N		EPA 9056
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	General Chemistry	Total Organic Carbon	TOC	816	816	mg/kg	Y		LLOYD KAHN
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Aluminum	7429-90-5	8250	8250	mg/kg	Y		EPA 6010B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Antimony	7440-36-0	0.17	0.17	mg/kg	Y	J-	EPA 6020
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Arsenic	7440-38-2	2.25	2.25	mg/kg	Y		EPA 6020
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Barium	7440-39-3	215	215	mg/kg	Y		EPA 6010B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Beryllium	7440-41-7	0.562	0.562	mg/kg	Y	J	EPA 6020
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Boron	7440-42-8	1.1		mg/kg	N		EPA 6010B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Cadmium	7440-43-9	0.201	0.201	mg/kg	Y	J	EPA 6020
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Calcium	7440-70-2	35200	35200	mg/kg	Y		EPA 6010B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Chromium (total)	7440-47-3	7.4	7.4	mg/kg	Y	J	EPA 6020
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Chromium VI	18540-29-9	0.101		mg/kg	N		EPA 7199
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Cobalt	7440-48-4	6.5	6.5	mg/kg	Y	J	EPA 6010B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Copper	7440-50-8	15.9	15.9	mg/kg	Y		EPA 6010B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Iron	7439-89-6	14700	14700	mg/kg	Y		EPA 6010B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Lead	7439-92-1	9.75	9.75	mg/kg	Y		EPA 6020
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Magnesium	7439-95-4	8420	8420	mg/kg	Y		EPA 6010B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Manganese	7439-96-5	559	559	mg/kg	Y	J	EPA 6010B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Mercury	7439-97-6	0.013	0.013	mg/kg	Y	J	EPA 7471A
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Molybdenum	7439-98-7	0.23	0.23	mg/kg	Y		EPA 6020
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Nickel	7440-02-0	13.6	13.6	mg/kg	Y	J	EPA 6020
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Phosphorus (total)	7723-14-0	908	908	mg/kg	Y		EPA 365.1
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Platinum	7440-06-4	0.02		mg/kg	N		EPA 6020
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Potassium	7440-09-7	2350	2350	mg/kg	Y		EPA 6010B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Selenium	7782-49-2	1		mg/kg	N		EPA 6020
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Silver	7440-22-4	0.036	0.036	mg/kg	Y	J	EPA 6020
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Sodium	7440-23-5	1470	1470	mg/kg	Y		EPA 6010B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Strontium	7440-24-6	221	221	mg/kg	Y		EPA 6010B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Thallium	7440-28-0	0.106	0.106	mg/kg	Y	J	EPA 6020
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Tin	7440-31-5	3	3	mg/kg	Y	J	EPA 6010B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Titanium	7440-32-6	790	790	mg/kg	Y		EPA 6010B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Tungsten	7440-33-7	0.18	0.18	mg/kg	Y	J	EPA 6020
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Uranium (total)	7440-61-1	0.81	0.81	mg/kg	Y		EPA 6020
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Vanadium	7440-62-2	43.1	43.1	mg/kg	Y		EPA 6010B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	Metals	Zinc	7440-66-6	27.5	27.5	mg/kg	Y	J	EPA 6010B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	4,4'-DDD	72-54-8	0.00019		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	4,4'-DDE	72-55-9	0.000078		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	4,4'-DDT	50-29-3	0.00017		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	Aldrin	309-00-2	0.00007		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	alpha-BHC	319-84-6	0.00031		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	alpha-Chlordane	5103-71-9	0.00015		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	beta-BHC	319-85-7	0.00025		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	Chlordane (total)	57-74-9	0.0019		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	delta-BHC	319-86-8	0.000089		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	Dieldrin	60-57-1	0.00026		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	Endosulfan I	959-98-8	0.0001		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	Endosulfan II	33213-65-9	0.000091		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	Endosulfan sulfate	1031-07-8	0.00009		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	Endrin	72-20-8	0.00011		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	Endrin aldehyde	7421-93-4	0.00083		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	Endrin ketone	53494-70-5	0.00012		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	gamma-BHC	58-89-9	0.00012		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	gamma-Chlordane	5103-74-2	0.00012		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	Heptachlor	76-44-8	0.000088		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	Heptachlor epoxide	1024-57-3	0.00011		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	Hexachlorobenzene	118-74-1	0.0039	0.0039	mg/kg	Y	J	EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	Methoxychlor	72-43-5	0.00026		mg/kg	N		EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	Toxaphene	8001-35-2	0.0097		mg/kg	N		EPA 8081
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	PAHs	2-Methylnaphthalene	91-57-6	0.00223683		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	PAHs	Acenaphthene	83-32-9	0.00119712		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	PAHs	Acenaphthylene	208-96-8	0.00134267		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	PAHs	Anthracene	120-12-7	0.001345		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	PAHs	Benzo(a)anthracene	56-55-3	0.00139066		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	PAHs	Benzo(a)pyrene	50-32-8	0.00102964		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	PAHs	Benzo(b)fluoranthene	205-99-2	0.00178613		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	PAHs	Benzo(g,h,i)perylene	191-24-2	0.00121686		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	PAHs	Benzo(k)fluoranthene	207-08-9	0.0015734		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	PAHs	Chrysene	218-01-9	0.0014038		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00137408		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	PAHs	Fluoranthene	206-44-0	0.0010669		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	PAHs	Fluorene	86-73-7	0.00281445		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0011823		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	PAHs	Naphthalene	91-20-3	0.00117028		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	PAHs	Phenanthrene	85-01-8	0.0014		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	PAHs	Pyrene	129-00-0	0.00081337		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	RAD	Radium-226	Ra-226	1.74	1.74	pCi/g	Y		EPA 903.1 MOD
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	RAD	Radium-228	Ra-228	1.06	1.06	pCi/g	Y		EPA 904.0 MOD
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	RAD	Thorium-228	Th-228	2.08	2.08	pCi/g	Y		DOE EML HASL-300
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	RAD	Thorium-230	Th-230	0.879	0.879	pCi/g	Y		DOE EML HASL-300
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	RAD	Thorium-232	Th-232	1.55	1.55	pCi/g	Y		DOE EML HASL-300
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	RAD	Uranium-234	U-234	1.07	1.07	pCi/g	Y		DOE EML HASL-300
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	RAD	Uranium-235	U-235	0.0632	0.0632	pCi/g	Y	J	DOE EML HASL-300
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	RAD	Uranium-238	U-238	0.972	0.972	pCi/g	Y		DOE EML HASL-300
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	SVOCs	1,4-Dioxane	123-91-1	0.00262796		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.0856071		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	SVOCs	Butylbenzylphthalate	85-68-7	0.00190026		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	SVOCs	Diethylphthalate	84-66-2	0.00858299		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	SVOCs	Dimethylphthalate	131-11-3	0.00091269		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	SVOCs	Di-n-butylphthalate	84-74-2	0.160159		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	SVOCs	Di-n-octylphthalate	117-84-0	0.00080807		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	SVOCs	Hexachlorobutadiene	87-68-3	0.0006		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	SVOCs	Nitrobenzene	98-95-3	0.00122338		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	SVOCs	Octachlorostyrene	29082-74-4	0.00196341		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	SVOCs	Pyridine	110-86-1	0.0163531		mg/kg	N		EPA 8270C
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00044		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	1,1,1-Trichloroethane	71-55-6	0.0006		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00051		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	1,1,2-Trichloroethane	79-00-5	0.00022		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	1,1-Dichloroethane	75-34-3	0.00024		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	1,1-Dichloroethene	75-35-4	0.00048		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	1,1-Dichloropropene	563-58-6	0.00043		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0011		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	1,2,3-Trichloropropane	96-18-4	0.00095		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00094		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00042		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0007		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	1,2-Dibromoethane	106-93-4	0.0004		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	1,2-Dichlorobenzene	95-50-1	0.00023		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	1,2-Dichloroethane	107-06-2	0.0003		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	1,2-Dichloropropane	78-87-5	0.00047		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00051		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	1,3-Dichlorobenzene	541-73-1	0.00053		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	1,3-Dichloropropane	142-28-9	0.00038		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	1,4-Dichlorobenzene	106-46-7	0.00057		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	2,2-Dichloropropane	594-20-7	0.00021		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	2-Butanone	78-93-3	0.001		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	2-Chlorotoluene	95-49-8	0.00028		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	2-Hexanone	591-78-6	0.00072		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	4-Chlorotoluene	106-43-4	0.00037		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	4-Methyl-2-pentanone	108-10-1	0.00095		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Acetone	67-64-1	0.013		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Benzene	71-43-2	0.00019		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Bromobenzene	108-86-1	0.00042		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Bromochloromethane	74-97-5	0.00034		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Bromodichloromethane	75-27-4	0.00039		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Bromoform	75-25-2	0.00046		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Bromomethane	74-83-9	0.0005		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Carbon tetrachloride	56-23-5	0.00035		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Chlorobenzene	108-90-7	0.00024		mg/kg	N	UJ	EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Chloroethane	75-00-3	0.00021		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Chloroform	67-66-3	0.00015		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Chloromethane	74-87-3	0.00044		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00055		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0002		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Cumene	98-82-8	0.0004		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Dibromochloromethane	124-48-1	0.00032		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Dibromomethane	74-95-3	0.00035		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Dichlorodifluoromethane	75-71-8	0.00035		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Diisopropyl ether	108-20-3	0.00031		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Ethyl benzene	100-41-4	0.00037		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Ethyl tert-butyl ether	637-92-3	0.00024		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	m,p-Xylene	179601-23-1	0.00078		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Methyl tert-butyl ether	1634-04-4	0.00019		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Methylene Chloride	75-09-2	0.00071		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	n-Butylbenzene	104-51-8	0.00061		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	n-Propylbenzene	103-65-1	0.00036		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	o-Xylene	95-47-6	0.00031		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	p-Cymene	99-87-6	0.00041		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	sec-Butylbenzene	135-98-8	0.00032		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Styrene	100-42-5	0.00016		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	t-Amyl methyl ether	994-05-8	0.0003		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	tert-Butylbenzene	98-06-6	0.00029		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Tetrachloroethene	127-18-4	0.00024		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Toluene	108-88-3	0.0003		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0003		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00033		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Trichloroethene	79-01-6	0.0005	0.0005	mg/kg	Y	J-	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Trichlorofluoromethane	75-69-4	0.00032		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	VOCs	Vinyl chloride	75-01-4	0.00068		mg/kg	N	UJ	EPA 8260B
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00021	0.00021	mg/kg	Y		EPA 8290
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000054	0.0000054	mg/kg	Y		EPA 8290
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000081	0.000081	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000041	0.0000041	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000029	0.000029	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000025	0.000025	mg/kg	Y		EPA 8290
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000042		mg/kg	N		EPA 8290
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000019	0.000019	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000012	0.0000012	mg/kg	Y		EPA 8290
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000003	0.000003	mg/kg	Y		EPA 8290
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000094	0.00000094	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000068	0.00000068	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000036	0.0000036	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000067	0.0000067	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00001	0.00001	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000028	0.00000028	mg/kg	Y	J	EPA 8290
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	General Chemistry	Moisture	MOIST	4.5	4.5	percent	Y		ASTM 2216
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	OCPs	Hexachlorobenzene	118-74-1	0.00086		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Chlorine Oxyanions	Chlorate	14866-68-3	9.68	9.68	mg/kg	Y	J	EPA 300.1M
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	12.2	12.2	mg/kg	Y		EPA 314.0
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0529	0.0529	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00186	0.00186	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0171	0.0171	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00145	0.00145	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0076	0.0076	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0104	0.0104	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000251	0.000251	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00613	0.00613	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000602	0.000602	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000439	0.000439	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000675	0.000675	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00287	0.00287	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000389	0.000389	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00157	0.00157	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00123	0.00123	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0017	0.0017	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000118	0.000118	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	HpCDD (total)	37871-00-4	0.00342	0.00342	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	HpCDF (total)	38998-75-3	0.0443	0.0443	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	HxCDD (total)	34465-46-8	0.0053	0.0053	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	HxCDF (total)	55684-94-1	0.0472	0.0472	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	PeCDD (total)	36088-22-9	0.00599	0.00599	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	PeCDF (total)	30402-15-4	0.0465	0.0465	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	TCDD (total)	41903-57-5	0.00551	0.00551	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Dioxins	TCDF (total)	30402-14-3	0.0561	0.0561	mg/kg	Y		EPA 8290
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	1360	1360	mg/kg	Y		SM 2320B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	General Chemistry	Ammonia	7664-41-7	0.717391677	0.717391677	mg/kg	Y	J+	EPA 350.1
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	General Chemistry	Bromide	24959-67-9	2		mg/kg	N		EPA 9056
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	General Chemistry	Carbonate as CO3	3812-32-6	71	71	mg/kg	Y		SM 2320B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	General Chemistry	Chloride	16887-00-6	55	55	mg/kg	Y	J+	EPA 9056
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	General Chemistry	Cyanide (total)	57-12-5	0.5		mg/kg	N		EPA 9012A
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	General Chemistry	Hydrogen carbonate	71-52-3	1290	1290	mg/kg	Y		SM 2320B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.2		mg/kg	N		SM 5540C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	General Chemistry	Nitrate	14797-55-8	33.21428571	33.21428571	mg/kg	Y	J+	EPA 9056
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	General Chemistry	Nitrite	14797-65-0	1.4		mg/kg	N		EPA 9056
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	General Chemistry	pH	PH	9.45	9.45	SU	Y		EPA 9045D
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	General Chemistry	Sulfate	14808-79-8	236	236	mg/kg	Y	J+	EPA 9056
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	General Chemistry	Total Organic Carbon	TOC	15800	15800	mg/kg	Y	J-	LLOYD KAHN
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Aluminum	7429-90-5	6550	6550	mg/kg	Y		EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Antimony	7440-36-0	0.6		mg/kg	N	UJ	EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Arsenic	7440-38-2	3.68	3.68	mg/kg	Y		EPA 6020
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Barium	7440-39-3	151	151	mg/kg	Y		EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Beryllium	7440-41-7	0.519	0.519	mg/kg	Y		EPA 6020
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Boron	7440-42-8	108	108	mg/kg	Y		EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Cadmium	7440-43-9	0.11	0.11	mg/kg	Y		EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Calcium	7440-70-2	20600	20600	mg/kg	Y		EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Chromium (total)	7440-47-3	9.63	9.63	mg/kg	Y		EPA 6020
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Chromium VI	18540-29-9	0.2		mg/kg	N		EPA 7199
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Cobalt	7440-48-4	5.1	5.1	mg/kg	Y	J	EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Copper	7440-50-8	15.3	15.3	mg/kg	Y		EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Iron	7439-89-6	10500	10500	mg/kg	Y		EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Lead	7439-92-1	9.2	9.2	mg/kg	Y		EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Magnesium	7439-95-4	76000	76000	mg/kg	Y		EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Manganese	7439-96-5	475	475	mg/kg	Y		EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Mercury	7439-97-6	0.039	0.039	mg/kg	Y		EPA 7471
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Molybdenum	7439-98-7	1.67	1.67	mg/kg	Y		EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Nickel	7440-02-0	11.7	11.7	mg/kg	Y		EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Phosphorus (total)	7723-14-0	994	994	mg/kg	Y		EPA 365.1M
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Platinum	7440-06-4	0.01		mg/kg	N		EPA 6020
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Potassium	7440-09-7	1570	1570	mg/kg	Y		EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Selenium	7782-49-2	0.8		mg/kg	N		EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Sodium	7440-23-5	470	470	mg/kg	Y		EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Strontium	7440-24-6	205	205	mg/kg	Y		EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Thallium	7440-28-0	0.238	0.238	mg/kg	Y		EPA 6020
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Tin	7440-31-5	4.1	4.1	mg/kg	Y	J	EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Titanium	7440-32-6	517	517	mg/kg	Y		EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Tungsten	7440-33-7	0.79	0.79	mg/kg	Y	J-	EPA 6020
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Uranium (total)	7440-61-1	2.2	2.2	mg/kg	Y		EPA 6020
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Vanadium	7440-62-2	31	31	mg/kg	Y		EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	Metals	Zinc	7440-66-6	42.1	42.1	mg/kg	Y	J	EPA 6010
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	4,4'-DDD	72-54-8	0.019		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	4,4'-DDE	72-55-9	0.019		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	4,4'-DDT	50-29-3	0.019		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	Aldrin	309-00-2	0.0094		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	alpha-BHC	319-84-6	0.0094		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	alpha-Chlordane	5103-71-9	0.0094		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	beta-BHC	319-85-7	0.22	0.22	mg/kg	Y		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	Chlordane (total)	57-74-9	0.047		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	delta-BHC	319-86-8	0.0094		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	Dieldrin	60-57-1	0.019		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	Endosulfan I	959-98-8	0.0094		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	Endosulfan II	33213-65-9	0.019		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	Endosulfan sulfate	1031-07-8	0.019		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	Endrin	72-20-8	0.019		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	Endrin aldehyde	7421-93-4	0.019		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	Endrin ketone	53494-70-5	0.019		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	gamma-BHC	58-89-9	0.0094		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	gamma-Chlordane	5103-74-2	0.0094		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	Heptachlor	76-44-8	0.0094		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	Heptachlor epoxide	1024-57-3	0.0094		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	Hexachlorobenzene	118-74-1	4.6	4.6	mg/kg	Y		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	Methoxychlor	72-43-5	0.093		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	Toxaphene	8001-35-2	0.19		mg/kg	N		EPA 8081
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	PAHs	2-Methylnaphthalene	91-57-6	0.013		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	PAHs	Acenaphthene	83-32-9	0.022		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	PAHs	Anthracene	120-12-7	0.026		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	PAHs	Benzo(a)anthracene	56-55-3	0.013		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	PAHs	Benzo(a)pyrene	50-32-8	0.015		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.025		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.026		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.018		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	PAHs	Chrysene	218-01-9	0.022		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.017		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	PAHs	Fluoranthene	206-44-0	0.031		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	PAHs	Fluorene	86-73-7	0.015		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.02		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	PAHs	Naphthalene	91-20-3	0.019		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	PAHs	Phenanthrene	85-01-8	0.039		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	PAHs	Pyrene	129-00-0	0.022		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	RAD	Radium-226	Ra-226	0.578	0.578	pCi/g	Y		EPA 903.1 MOD
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	RAD	Radium-228	Ra-228	1.06	1.06	pCi/g	Y		EPA 904.0 MOD
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	RAD	Thorium-228	Th-228	0.848	0.848	pCi/g	Y		DOE EML HASL-300
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	RAD	Thorium-230	Th-230	0.953	0.953	pCi/g	Y		DOE EML HASL-300
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	RAD	Thorium-232	Th-232	0.741	0.741	pCi/g	Y	J	DOE EML HASL-300
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	RAD	Uranium-234	U-234	0.929	0.929	pCi/g	Y		DOE EML HASL-300
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	RAD	Uranium-235	U-235	0.0605	0.0605	pCi/g	Y		DOE EML HASL-300
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	RAD	Uranium-238	U-238	0.966	0.966	pCi/g	Y		DOE EML HASL-300
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	SVOCs	1,4-Dioxane	123-91-1	0.11		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	2.9		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.051		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	SVOCs	Diethylphthalate	84-66-2	2.6		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	SVOCs	Dimethylphthalate	131-11-3	0.02		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.72		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.024		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.0011	0.0011	mg/kg	Y	J	EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	SVOCs	Nitrobenzene	98-95-3	0.039		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	SVOCs	Octachlorostyrene	29082-74-4	1.3	1.3	mg/kg	Y	J	EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	SVOCs	Pyridine	110-86-1	0.58		mg/kg	N		EPA 8270C
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	TPH	Oil Range Organics	TPH-MOTOR	44		mg/kg	N		EPA 8015B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	44		mg/kg	N		EPA 8015B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0008		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00059		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0011	0.0011	mg/kg	Y	J	EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00076		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00054		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00065		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	2-Butanone	78-93-3	0.00084		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	2-Chlorotoluene	95-49-8	0.00049		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	2-Hexanone	591-78-6	0.00078		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	4-Chlorotoluene	106-43-4	0.0006		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00072		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Acetone	67-64-1	0.0017		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Benzene	71-43-2	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Bromobenzene	108-86-1	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Bromochloromethane	74-97-5	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Bromodichloromethane	75-27-4	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Bromoform	75-25-2	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Bromomethane	74-83-9	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Carbon tetrachloride	56-23-5	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Chlorobenzene	108-90-7	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Chloroethane	75-00-3	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Chloroform	67-66-3	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Chloromethane	74-87-3	0.00034		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Cumene	98-82-8	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Dibromochloromethane	124-48-1	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Dibromomethane	74-95-3	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00058		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Diisopropyl ether	108-20-3	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Ethyl benzene	100-41-4	0.00097		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	m,p-Xylene	179601-23-1	0.0007		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Methylene Chloride	75-09-2	0.00061	0.00061	mg/kg	Y	J	EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	n-Butylbenzene	104-51-8	0.00064		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	n-Propylbenzene	103-65-1	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	o-Xylene	95-47-6	0.0007		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	p-Cymene	99-87-6	0.00049		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	sec-Butylbenzene	135-98-8	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Styrene	100-42-5	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00013		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	tert Butyl alcohol	75-65-0	0.0078		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	tert-Butylbenzene	98-06-6	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Tetrachloroethene	127-18-4	0.00054		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Toluene	108-88-3	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Trichloroethene	79-01-6	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	VOCs	Vinyl chloride	75-01-4	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.27	0.27	mg/kg	Y		EPA 300.1
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.649	0.649	mg/kg	Y		EPA 314.0
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0213	0.0213	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000767	0.000767	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.01	0.01	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000514	0.000514	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00384	0.00384	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00441	0.00441	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00306	0.00306	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000178	0.000178	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000469	0.000469	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000221	0.000221	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0013	0.0013	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000118	0.000118	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000734	0.000734	mg/kg	Y	JK	EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000581	0.000581	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00143	0.00143	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000321	0.0000321	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	HpCDD (total)	37871-00-4	0.00115	0.00115	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	HpCDF (total)	38998-75-3	0.0214	0.0214	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	HxCDD (total)	34465-46-8	0.0015	0.0015	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	HxCDF (total)	55684-94-1	0.0211	0.0211	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	PeCDD (total)	36088-22-9	0.00139	0.00139	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	PeCDF (total)	30402-15-4	0.0152	0.0152	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	TCDD (total)	41903-57-5	0.00128	0.00128	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	TCDF (total)	30402-14-3	0.0152	0.0152	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	714	714	mg/kg	Y		SM 2320B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Carbonate as CO3	3812-32-6	44	44	mg/kg	Y		SM 2320B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Chloride	16887-00-6	15.1	15.1	mg/kg	Y	J+	EPA 9056
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Hydrogen carbonate	71-52-3	669	669	mg/kg	Y		SM 2320B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2		mg/kg	N	UJ	SM 5540C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Nitrate	14797-55-8	10.54	10.54	mg/kg	Y	J+	EPA 9056
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	pH	PH	10	10	SU	Y		EPA 9045D
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Sulfate	14808-79-8	37.5	37.5	mg/kg	Y	J+	EPA 9056
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Total Organic Carbon	TOC	1660	1660	mg/kg	Y	J	LLOYD KAHN
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Aluminum	7429-90-5	9460	9460	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Arsenic	7440-38-2	1.68	1.68	mg/kg	Y		EPA 6020
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Barium	7440-39-3	164	164	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Beryllium	7440-41-7	0.417	0.417	mg/kg	Y		EPA 6020
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Boron	7440-42-8	5.5	5.5	mg/kg	Y	J	EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Cadmium	7440-43-9	0.04	0.04	mg/kg	Y	J	EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Calcium	7440-70-2	16300	16300	mg/kg	Y	J	EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Chromium (total)	7440-47-3	5.26	5.26	mg/kg	Y		EPA 6020
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Chromium VI	18540-29-9	0.18		mg/kg	N		EPA 7199
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Cobalt	7440-48-4	7.1	7.1	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Copper	7440-50-8	17.3	17.3	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Iron	7439-89-6	14700	14700	mg/kg	Y	J	EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Lead	7439-92-1	10	10	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Magnesium	7439-95-4	10300	10300	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Manganese	7439-96-5	409	409	mg/kg	Y	J	EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Mercury	7439-97-6	0.011	0.011	mg/kg	Y	J	EPA 7471
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Molybdenum	7439-98-7	0.57	0.57	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Nickel	7440-02-0	18.3	18.3	mg/kg	Y	J	EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Phosphorus (total)	7723-14-0	910	910	mg/kg	Y		EPA 365.1M
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Platinum	7440-06-4	0.01		mg/kg	N		EPA 6020
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Potassium	7440-09-7	2840	2840	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Sodium	7440-23-5	1080	1080	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Strontium	7440-24-6	135	135	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Thallium	7440-28-0	0.198	0.198	mg/kg	Y		EPA 6020
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Tin	7440-31-5	4.2	4.2	mg/kg	Y	J	EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Titanium	7440-32-6	856	856	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Tungsten	7440-33-7	0.19	0.19	mg/kg	Y	J-	EPA 6020
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Uranium (total)	7440-61-1	0.75	0.75	mg/kg	Y		EPA 6020
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Vanadium	7440-62-2	42.8	42.8	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Zinc	7440-66-6	33.6	33.6	mg/kg	Y	J	EPA 6010
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	4,4'-DDD	72-54-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	4,4'-DDE	72-55-9	0.018		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	4,4'-DDT	50-29-3	0.018		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Aldrin	309-00-2	0.0087		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	alpha-BHC	319-84-6	0.0087		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	alpha-Chlordane	5103-71-9	0.0087		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	beta-BHC	319-85-7	0.33	0.33	mg/kg	Y	J	EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Chlordane (total)	57-74-9	0.043		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	delta-BHC	319-86-8	0.0087		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Dieldrin	60-57-1	0.018		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Endosulfan I	959-98-8	0.0087		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Endosulfan II	33213-65-9	0.018		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Endosulfan sulfate	1031-07-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Endrin	72-20-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Endrin aldehyde	7421-93-4	0.018		mg/kg	N	UJ	EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Endrin ketone	53494-70-5	0.018		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	gamma-BHC	58-89-9	0.0087		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	gamma-Chlordane	5103-74-2	0.0087		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Heptachlor	76-44-8	0.0087		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Heptachlor epoxide	1024-57-3	0.0087		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Hexachlorobenzene	118-74-1	0.17	0.17	mg/kg	Y		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Methoxychlor	72-43-5	0.086		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Toxaphene	8001-35-2	0.18		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00057		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Acenaphthylene	208-96-8	0.00074		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Anthracene	120-12-7	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00058		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00068		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00083		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Chrysene	218-01-9	0.0041	0.0041	mg/kg	Y	J	EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00077		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Fluoranthene	206-44-0	0.0038	0.0038	mg/kg	Y	J	EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Fluorene	86-73-7	0.00069		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00089		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Naphthalene	91-20-3	0.001	0.001	mg/kg	Y	J	EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Phenanthrene	85-01-8	0.0038	0.0038	mg/kg	Y	J	EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Pyrene	129-00-0	0.0027	0.0027	mg/kg	Y	J	EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	RAD	Radium-226	Ra-226	0.568	0.568	pCi/g	Y	J	EPA 903.1 MOD
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	RAD	Radium-228	Ra-228	1.54	1.54	pCi/g	Y	J	EPA 904.0 MOD
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	RAD	Thorium-228	Th-228	2.09	2.09	pCi/g	Y		DOE EML HASL-300
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	RAD	Thorium-230	Th-230	0.972	0.972	pCi/g	Y		DOE EML HASL-300
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	RAD	Thorium-232	Th-232	1.65	1.65	pCi/g	Y	J	DOE EML HASL-300
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	RAD	Uranium-234	U-234	0.848	0.848	pCi/g	Y		DOE EML HASL-300
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	RAD	Uranium-235	U-235	0.0409	0.0409	pCi/g	Y		DOE EML HASL-300

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	RAD	Uranium-238	U-238	0.929	0.929	pCi/g	Y		DOE EML HASL-300
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	1,4-Dioxane	123-91-1	0.005		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.13		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	Dimethylphthalate	131-11-3	0.00089		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.033		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00079		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	Octachlorostyrene	29082-74-4	0.05	0.05	mg/kg	Y	J	EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	Pyridine	110-86-1	0.027		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	TPH	Oil Range Organics	TPH-MOTOR	41		mg/kg	N		EPA 8015B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	41		mg/kg	N		EPA 8015B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00076		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00056		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0008		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00039		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00073		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00052		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00062		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	2,2-Dichloropropane	594-20-7	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	2-Butanone	78-93-3	0.0008		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	2-Chlorotoluene	95-49-8	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	2-Hexanone	591-78-6	0.00074		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	4-Chlorotoluene	106-43-4	0.00057		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00068		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Acetone	67-64-1	0.0039	0.0039	mg/kg	Y	J	EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Benzene	71-43-2	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Bromobenzene	108-86-1	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Bromochloromethane	74-97-5	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Bromodichloromethane	75-27-4	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Bromoform	75-25-2	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Bromomethane	74-83-9	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Carbon tetrachloride	56-23-5	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Chlorobenzene	108-90-7	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Chloroethane	75-00-3	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Chloroform	67-66-3	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Chloromethane	74-87-3	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Cumene	98-82-8	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Dibromochloromethane	124-48-1	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Dibromomethane	74-95-3	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00055		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Diisopropyl ether	108-20-3	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Ethyl benzene	100-41-4	0.00092		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	m,p-Xylene	179601-23-1	0.00066		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Methylene Chloride	75-09-2	0.0011	0.0011	mg/kg	Y	J	EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	n-Butylbenzene	104-51-8	0.00061		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	n-Propylbenzene	103-65-1	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	o-Xylene	95-47-6	0.00066		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	p-Cymene	99-87-6	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	sec-Butylbenzene	135-98-8	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Styrene	100-42-5	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00012		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	tert Butyl alcohol	75-65-0	0.0074		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	tert-Butylbenzene	98-06-6	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Tetrachloroethene	127-18-4	0.00052		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Toluene	108-88-3	0.00069	0.00069	mg/kg	Y	J	EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Trichloroethene	79-01-6	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Vinyl chloride	75-01-4	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.291	0.291	mg/kg	Y		EPA 300.1
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.663	0.663	mg/kg	Y		EPA 314.0
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0234	0.0234	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000811	0.000811	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.011	0.011	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000573	0.000573	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00411	0.00411	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00464	0.00464	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000109	0.000109	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00317	0.00317	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000186	0.000186	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000447	0.000447	mg/kg	Y	JK	EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000233	0.000233	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00115	0.00115	mg/kg	Y	JK	EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000127	0.000127	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000684	0.000684	mg/kg	Y	JK	EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00062	0.00062	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00146	0.00146	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000345	0.0000345	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	HpCDD (total)	37871-00-4	0.00123	0.00123	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	HpCDF (total)	38998-75-3	0.0229	0.0229	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	HxCDD (total)	34465-46-8	0.00158	0.00158	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	HxCDF (total)	55684-94-1	0.0213	0.0213	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	PeCDD (total)	36088-22-9	0.00149	0.00149	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	PeCDF (total)	30402-15-4	0.0172	0.0172	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	TCDD (total)	41903-57-5	0.00135	0.00135	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Dioxins	TCDF (total)	30402-14-3	0.0163	0.0163	mg/kg	Y		EPA 8290
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	725	725	mg/kg	Y		SM 2320B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	General Chemistry	Carbonate as CO3	3812-32-6	35	35	mg/kg	Y		SM 2320B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	General Chemistry	Chloride	16887-00-6	14	14	mg/kg	Y	J+	EPA 9056
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	General Chemistry	Hydrogen carbonate	71-52-3	690	690	mg/kg	Y		SM 2320B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	UJ	SM 5540C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	General Chemistry	Nitrate	14797-55-8	9.92	9.92	mg/kg	Y	J+	EPA 9056
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	General Chemistry	pH	PH	9.85	9.85	SU	Y		EPA 9045D
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	General Chemistry	Sulfate	14808-79-8	36.9	36.9	mg/kg	Y	J+	EPA 9056
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	General Chemistry	Total Organic Carbon	TOC	960	960	mg/kg	Y	J	LLOYD KAHN
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Aluminum	7429-90-5	8940	8940	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Arsenic	7440-38-2	1.57	1.57	mg/kg	Y		EPA 6020
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Barium	7440-39-3	182	182	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Beryllium	7440-41-7	0.362	0.362	mg/kg	Y		EPA 6020
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Boron	7440-42-8	5.3	5.3	mg/kg	Y	J	EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Cadmium	7440-43-9	0.08	0.08	mg/kg	Y	J	EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Calcium	7440-70-2	22100	22100	mg/kg	Y	J	EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Chromium (total)	7440-47-3	4.82	4.82	mg/kg	Y		EPA 6020
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Chromium VI	18540-29-9	0.18		mg/kg	N		EPA 7199
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Cobalt	7440-48-4	6.2	6.2	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Copper	7440-50-8	15.5	15.5	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Iron	7439-89-6	13300	13300	mg/kg	Y	J	EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Lead	7439-92-1	9	9	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Magnesium	7439-95-4	9380	9380	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Manganese	7439-96-5	383	383	mg/kg	Y	J	EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Mercury	7439-97-6	0.009	0.009	mg/kg	Y	J	EPA 7471
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Molybdenum	7439-98-7	0.44	0.44	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Nickel	7440-02-0	13.4	13.4	mg/kg	Y	J	EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Phosphorus (total)	7723-14-0	981	981	mg/kg	Y		EPA 365.1M
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Platinum	7440-06-4	0.01		mg/kg	N		EPA 6020
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Potassium	7440-09-7	3050	3050	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Sodium	7440-23-5	1270	1270	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Strontium	7440-24-6	157	157	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Thallium	7440-28-0	0.131	0.131	mg/kg	Y		EPA 6020
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Tin	7440-31-5	4	4	mg/kg	Y	J	EPA 6010

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Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Titanium	7440-32-6	797	797	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Tungsten	7440-33-7	0.23	0.23	mg/kg	Y	J-	EPA 6020
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Uranium (total)	7440-61-1	0.664	0.664	mg/kg	Y		EPA 6020
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Vanadium	7440-62-2	38.8	38.8	mg/kg	Y		EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	Metals	Zinc	7440-66-6	30.3	30.3	mg/kg	Y	J	EPA 6010
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	4,4'-DDD	72-54-8	0.086		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	4,4'-DDE	72-55-9	0.086		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	4,4'-DDT	50-29-3	0.086		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	Aldrin	309-00-2	0.044		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	alpha-BHC	319-84-6	0.044		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	alpha-Chlordane	5103-71-9	0.044		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	beta-BHC	319-85-7	0.57	0.57	mg/kg	Y	J	EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	Chlordane (total)	57-74-9	0.22		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	delta-BHC	319-86-8	0.044		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	Dieldrin	60-57-1	0.086		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	Endosulfan I	959-98-8	0.044		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	Endosulfan II	33213-65-9	0.086		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	Endosulfan sulfate	1031-07-8	0.086		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	Endrin	72-20-8	0.086		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	Endrin aldehyde	7421-93-4	0.086		mg/kg	N	UJ	EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	Endrin ketone	53494-70-5	0.086		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	gamma-BHC	58-89-9	0.044		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	gamma-Chlordane	5103-74-2	0.044		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	Heptachlor	76-44-8	0.044		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	Heptachlor epoxide	1024-57-3	0.044		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	Hexachlorobenzene	118-74-1	0.25	0.25	mg/kg	Y		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	Methoxychlor	72-43-5	0.43		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	Toxaphene	8001-35-2	0.86		mg/kg	N		EPA 8081
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00057		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	PAHs	Acenaphthylene	208-96-8	0.00074		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	PAHs	Anthracene	120-12-7	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00058		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00068		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00083		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	PAHs	Chrysene	218-01-9	0.0038	0.0038	mg/kg	Y	J	EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00077		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	PAHs	Fluoranthene	206-44-0	0.0031	0.0031	mg/kg	Y	J	EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	PAHs	Fluorene	86-73-7	0.00069		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00089		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	PAHs	Naphthalene	91-20-3	0.00085		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	PAHs	Phenanthrene	85-01-8	0.0038	0.0038	mg/kg	Y	J	EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	PAHs	Pyrene	129-00-0	0.0027	0.0027	mg/kg	Y	J	EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	RAD	Radium-226	Ra-226	0.5		pCi/g	N	UJ	EPA 903.1 MOD
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	RAD	Radium-228	Ra-228	0.791	0.791	pCi/g	Y	J	EPA 904.0 MOD
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	RAD	Thorium-228	Th-228	1.86	1.86	pCi/g	Y		DOE EML HASL-300
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	RAD	Thorium-230	Th-230	1.02	1.02	pCi/g	Y		DOE EML HASL-300
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	RAD	Thorium-232	Th-232	1.47	1.47	pCi/g	Y	J	DOE EML HASL-300
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	RAD	Uranium-234	U-234	0.779	0.779	pCi/g	Y		DOE EML HASL-300
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	RAD	Uranium-235	U-235	0.0423	0.0423	pCi/g	Y		DOE EML HASL-300
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	RAD	Uranium-238	U-238	0.796	0.796	pCi/g	Y		DOE EML HASL-300
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	SVOCs	1,4-Dioxane	123-91-1	0.005		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.13		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	SVOCs	Dimethylphthalate	131-11-3	0.00089		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.037	0.037	mg/kg	Y	J	EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.0007		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	SVOCs	Octachlorostyrene	29082-74-4	0.047	0.047	mg/kg	Y	J	EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	SVOCs	Pyridine	110-86-1	0.027		mg/kg	N		EPA 8270C
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	TPH	Oil Range Organics	TPH-MOTOR	41		mg/kg	N		EPA 8015B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	41		mg/kg	N		EPA 8015B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00015		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	1,1-Dichloroethene	75-35-4	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00068		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00071		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00065		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00056		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	2-Butanone	78-93-3	0.00071		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	2-Chlorotoluene	95-49-8	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	2-Hexanone	591-78-6	0.00066		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	4-Chlorotoluene	106-43-4	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00061		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Acetone	67-64-1	0.005	0.005	mg/kg	Y	J	EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Benzene	71-43-2	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Bromobenzene	108-86-1	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Bromochloromethane	74-97-5	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Bromodichloromethane	75-27-4	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Bromoform	75-25-2	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Bromomethane	74-83-9	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Carbon tetrachloride	56-23-5	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Chlorobenzene	108-90-7	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Chloroethane	75-00-3	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Chloroform	67-66-3	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Chloromethane	74-87-3	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Cumene	98-82-8	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Dibromochloromethane	124-48-1	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Dibromomethane	74-95-3	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00049		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Diisopropyl ether	108-20-3	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Ethyl benzene	100-41-4	0.00083		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	m,p-Xylene	179601-23-1	0.00059		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Methylene Chloride	75-09-2	0.0023	0.0023	mg/kg	Y	J	EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	n-Butylbenzene	104-51-8	0.00055		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	n-Propylbenzene	103-65-1	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	o-Xylene	95-47-6	0.00059		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	p-Cymene	99-87-6	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	sec-Butylbenzene	135-98-8	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Styrene	100-42-5	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	tert Butyl alcohol	75-65-0	0.0066		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	tert-Butylbenzene	98-06-6	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Tetrachloroethene	127-18-4	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Toluene	108-88-3	0.0012	0.0012	mg/kg	Y	J	EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Trichloroethene	79-01-6	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	VOCs	Vinyl chloride	75-01-4	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Chlorine Oxyanions	Chlorate	14866-68-3	1.08	1.08	mg/kg	Y		EPA 300.1
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	2.1	2.1	mg/kg	Y		EPA 314.0
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000334	0.0000334	mg/kg	Y		EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000507	0.00000507	mg/kg	Y	J	EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000128	0.0000128	mg/kg	Y		EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000127	0.00000127	mg/kg	Y	J	EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000521	0.00000521	mg/kg	Y		EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000631	0.00000631	mg/kg	Y		EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000139	0.000000139	mg/kg	Y	JK	EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000369	0.00000369	mg/kg	Y		EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000000351	0.000000351	mg/kg	Y	J	EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000000289	0.000000289	mg/kg	Y	JK	EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000429	0.000000429	mg/kg	Y	J	EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000333	0.00000333	mg/kg	Y		EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000278	0.000000278	mg/kg	Y	J	EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000111	0.00000111	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000168	0.00000168	mg/kg	Y	J	EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000601	0.00000601	mg/kg	Y		EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	6.87E-08		mg/kg	N		EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	HpCDD (total)	37871-00-4	0.00000213	0.00000213	mg/kg	Y	J	EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	HpCDF (total)	38998-75-3	0.0000262	0.0000262	mg/kg	Y		EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	HxCDD (total)	34465-46-8	0.00000207	0.00000207	mg/kg	Y	J	EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	HxCDF (total)	55684-94-1	0.0000274	0.0000274	mg/kg	Y		EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	PeCDD (total)	36088-22-9	0.00000165	0.00000165	mg/kg	Y	J	EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	PeCDF (total)	30402-15-4	0.0000323	0.0000323	mg/kg	Y		EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	TCDD (total)	41903-57-5	0.0000045	0.0000045	mg/kg	Y		EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Dioxins	TCDF (total)	30402-14-3	0.0000555	0.0000555	mg/kg	Y		EPA 8290
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	364	364	mg/kg	Y		SM 2320B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	General Chemistry	Carbonate as CO3	3812-32-6	15	15	mg/kg	Y	J	SM 2320B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	General Chemistry	Chloride	16887-00-6	18.6	18.6	mg/kg	Y	J+	EPA 9056
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	General Chemistry	Hydrogen carbonate	71-52-3	349	349	mg/kg	Y		SM 2320B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N		SM 5540C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	General Chemistry	Nitrate	14797-55-8	23.33857143	23.33857143	mg/kg	Y	J+	EPA 9056
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	General Chemistry	pH	PH	9.12	9.12	SU	Y		EPA 9045D
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	General Chemistry	Sulfate	14808-79-8	162	162	mg/kg	Y	J+	EPA 9056
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	General Chemistry	Total Organic Carbon	TOC	1840	1840	mg/kg	Y	J-	LLOYD KAHN
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Aluminum	7429-90-5	9640	9640	mg/kg	Y		EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Arsenic	7440-38-2	1.88	1.88	mg/kg	Y		EPA 6020
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Barium	7440-39-3	175	175	mg/kg	Y		EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Beryllium	7440-41-7	0.532	0.532	mg/kg	Y		EPA 6020
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Boron	7440-42-8	8.3	8.3	mg/kg	Y	J	EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Cadmium	7440-43-9	0.1	0.1	mg/kg	Y		EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Calcium	7440-70-2	18000	18000	mg/kg	Y	J	EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Chromium (total)	7440-47-3	7.81	7.81	mg/kg	Y		EPA 6020
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Chromium VI	18540-29-9	0.42	0.42	mg/kg	Y		EPA 7199
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Cobalt	7440-48-4	7.5	7.5	mg/kg	Y		EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Copper	7440-50-8	16.1	16.1	mg/kg	Y		EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Iron	7439-89-6	15800	15800	mg/kg	Y	J	EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Lead	7439-92-1	8.9	8.9	mg/kg	Y		EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Magnesium	7439-95-4	8120	8120	mg/kg	Y		EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Manganese	7439-96-5	409	409	mg/kg	Y	J	EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Mercury	7439-97-6	0.013	0.013	mg/kg	Y	J	EPA 7471
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Molybdenum	7439-98-7	0.48	0.48	mg/kg	Y		EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Nickel	7440-02-0	15.2	15.2	mg/kg	Y	J	EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Phosphorus (total)	7723-14-0	997	997	mg/kg	Y		EPA 365.1M
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Platinum	7440-06-4	0.01		mg/kg	N		EPA 6020
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Potassium	7440-09-7	3010	3010	mg/kg	Y		EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Sodium	7440-23-5	607	607	mg/kg	Y		EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Strontium	7440-24-6	146	146	mg/kg	Y		EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Thallium	7440-28-0	0.158	0.158	mg/kg	Y		EPA 6020
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Tin	7440-31-5	4.1	4.1	mg/kg	Y	J	EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Titanium	7440-32-6	891	891	mg/kg	Y		EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Tungsten	7440-33-7	0.15	0.15	mg/kg	Y	J-	EPA 6020
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Uranium (total)	7440-61-1	0.857	0.857	mg/kg	Y		EPA 6020
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Vanadium	7440-62-2	47.3	47.3	mg/kg	Y		EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	Metals	Zinc	7440-66-6	33.1	33.1	mg/kg	Y	J	EPA 6010
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	4,4'-DDE	72-55-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	Aldrin	309-00-2	0.00088		mg/kg	N		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	alpha-BHC	319-84-6	0.00088		mg/kg	N		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	alpha-Chlordane	5103-71-9	0.00088		mg/kg	N		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	beta-BHC	319-85-7	0.0031	0.0031	mg/kg	Y		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	Chlordane (total)	57-74-9	0.0044		mg/kg	N		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	delta-BHC	319-86-8	0.00088		mg/kg	N		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	Endosulfan I	959-98-8	0.00088		mg/kg	N		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	Endrin	72-20-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	gamma-BHC	58-89-9	0.00088		mg/kg	N		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	gamma-Chlordane	5103-74-2	0.00088		mg/kg	N		EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	Heptachlor	76-44-8	0.00088		mg/kg	N		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00088		mg/kg	N		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	Hexachlorobenzene	118-74-1	0.0082	0.0082	mg/kg	Y		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	Methoxychlor	72-43-5	0.0087		mg/kg	N		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	Toxaphene	8001-35-2	0.018		mg/kg	N		EPA 8081
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00057		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	PAHs	Acenaphthylene	208-96-8	0.00075		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00059		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00069		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00084		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	PAHs	Chrysene	218-01-9	0.00099		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00078		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	PAHs	Fluorene	86-73-7	0.0007		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0009		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	PAHs	Naphthalene	91-20-3	0.00086		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	PAHs	Phenanthrene	85-01-8	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	PAHs	Pyrene	129-00-0	0.00099		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	RAD	Radium-226	Ra-226	0.519	0.519	pCi/g	Y		EPA 903.1 MOD
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	RAD	Radium-228	Ra-228	1.3	1.3	pCi/g	Y		EPA 904.0 MOD
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	RAD	Thorium-228	Th-228	1.48	1.48	pCi/g	Y		DOE EML HASL-300
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	RAD	Thorium-230	Th-230	0.95	0.95	pCi/g	Y		DOE EML HASL-300
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	RAD	Thorium-232	Th-232	1.52	1.52	pCi/g	Y	J	DOE EML HASL-300
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	RAD	Uranium-234	U-234	0.72	0.72	pCi/g	Y		DOE EML HASL-300
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	RAD	Uranium-235	U-235	0.0569	0.0569	pCi/g	Y		DOE EML HASL-300
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	RAD	Uranium-238	U-238	0.915	0.915	pCi/g	Y		DOE EML HASL-300
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	SVOCs	1,4-Dioxane	123-91-1	0.005		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	SVOCs	Dimethylphthalate	131-11-3	0.0009		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.076	0.076	mg/kg	Y	J	EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00068		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0036		mg/kg	N	UJ	EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	SVOCs	Pyridine	110-86-1	0.027		mg/kg	N		EPA 8270C
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	TPH	Oil Range Organics	TPH-MOTOR	42		mg/kg	N		EPA 8015B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	42		mg/kg	N		EPA 8015B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00019		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00015		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00065		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00068		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00062		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00053		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	2-Butanone	78-93-3	0.00068		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	2-Chlorotoluene	95-49-8	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	2-Hexanone	591-78-6	0.00063		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	4-Chlorotoluene	106-43-4	0.00049		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00059		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Acetone	67-64-1	0.0038	0.0038	mg/kg	Y	J	EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Benzene	71-43-2	0.00019		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Bromobenzene	108-86-1	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Bromochloromethane	74-97-5	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Bromodichloromethane	75-27-4	0.00019		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Bromoform	75-25-2	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Bromomethane	74-83-9	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Carbon tetrachloride	56-23-5	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Chlorobenzene	108-90-7	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Chloroethane	75-00-3	0.00039		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Chloroform	67-66-3	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Chloromethane	74-87-3	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Cumene	98-82-8	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Dibromochloromethane	124-48-1	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Dibromomethane	74-95-3	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Diisopropyl ether	108-20-3	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Ethyl benzene	100-41-4	0.00079		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	m,p-Xylene	179601-23-1	0.00057		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Methylene Chloride	75-09-2	0.0016	0.0016	mg/kg	Y	J	EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	n-Butylbenzene	104-51-8	0.00052		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	n-Propylbenzene	103-65-1	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	o-Xylene	95-47-6	0.00057		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	p-Cymene	99-87-6	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	sec-Butylbenzene	135-98-8	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Styrene	100-42-5	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	t-Amyl methyl ether	994-05-8	0.000099		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	tert Butyl alcohol	75-65-0	0.0063		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	tert-Butylbenzene	98-06-6	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Tetrachloroethene	127-18-4	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Toluene	108-88-3	0.00075	0.00075	mg/kg	Y	J	EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Trichloroethene	79-01-6	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Trichlorofluoromethane	75-69-4	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	VOCs	Vinyl chloride	75-01-4	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Chlorine Oxyanions	Chlorate	14866-68-3	2.07	2.07	mg/kg	Y		EPA 300.1M
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	91.6	91.6	mg/kg	Y		EPA 314.0
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00303	0.00303	mg/kg	Y	J	EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000104	0.000104	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00099	0.00099	mg/kg	Y	J	EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000905	0.0000905	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000458	0.000458	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000492	0.000492	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000139	0.0000139	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000274	0.000274	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000264	0.0000264	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000459	0.0000459	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000285	0.0000285	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000208	0.000208	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000184	0.0000184	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000167	0.000167	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000968	0.0000968	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000551	0.00000551	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	HpCDD (total)	37871-00-4	0.000141	0.000141	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	HpCDF (total)	38998-75-3	0.00212	0.00212	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	HxCDD (total)	34465-46-8	0.000211	0.000211	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	HxCDF (total)	55684-94-1	0.0022	0.0022	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	PeCDD (total)	36088-22-9	0.000201	0.000201	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	PeCDF (total)	30402-15-4	0.00184	0.00184	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	TCDD (total)	41903-57-5	0.000165	0.000165	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Dioxins	TCDF (total)	30402-14-3	0.00145	0.00145	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	252	252	mg/kg	Y		SM 2320B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Carbonate as CO3	3812-32-6	6	6	mg/kg	Y	J	SM 2320B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Chloride	16887-00-6	195	195	mg/kg	Y	J+	EPA 9056
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Cyanide (total)	57-12-5	0.5		mg/kg	N		EPA 9012A
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Hydrogen carbonate	71-52-3	245	245	mg/kg	Y		SM 2320B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	UJ	SM 5540C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Nitrate	14797-55-8	43.97571429	43.97571429	mg/kg	Y	J+	EPA 9056
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	pH	PH	8.73	8.73	SU	Y		EPA 9045D
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Sulfate	14808-79-8	276	276	mg/kg	Y	J+	EPA 9056

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Total Organic Carbon	TOC	980	980	mg/kg	Y		LLOYD KAHN
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Aluminum	7429-90-5	9920	9920	mg/kg	Y		EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Arsenic	7440-38-2	2.07	2.07	mg/kg	Y		EPA 6020
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Barium	7440-39-3	236	236	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Beryllium	7440-41-7	0.493	0.493	mg/kg	Y	J+	EPA 6020
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Boron	7440-42-8	5.1	5.1	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Calcium	7440-70-2	23600	23600	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Chromium (total)	7440-47-3	7.94	7.94	mg/kg	Y		EPA 6020
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Chromium VI	18540-29-9	0.18		mg/kg	N		EPA 7199
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Cobalt	7440-48-4	7.4	7.4	mg/kg	Y		EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Copper	7440-50-8	17.6	17.6	mg/kg	Y		EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Iron	7439-89-6	16100	16100	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Lead	7439-92-1	10.3	10.3	mg/kg	Y		EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Magnesium	7439-95-4	8640	8640	mg/kg	Y		EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Manganese	7439-96-5	612	612	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Mercury	7439-97-6	0.01	0.01	mg/kg	Y	J	EPA 7471
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Molybdenum	7439-98-7	0.66	0.66	mg/kg	Y		EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Nickel	7440-02-0	14.9	14.9	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Phosphorus (total)	7723-14-0	855	855	mg/kg	Y		EPA 365.1M
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Platinum	7440-06-4	0.008	0.008	mg/kg	Y	J	EPA 6020
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Potassium	7440-09-7	2870	2870	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Sodium	7440-23-5	835	835	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Strontium	7440-24-6	127	127	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Thallium	7440-28-0	0.117	0.117	mg/kg	Y		EPA 6020
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Tin	7440-31-5	3.9	3.9	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Titanium	7440-32-6	867	867	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Tungsten	7440-33-7	0.21	0.21	mg/kg	Y	J-	EPA 6020
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Uranium (total)	7440-61-1	0.71	0.71	mg/kg	Y	J+	EPA 6020
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Vanadium	7440-62-2	43.2	43.2	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	Metals	Zinc	7440-66-6	34.4	34.4	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	4,4'-DDD	72-54-8	0.0036		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	4,4'-DDE	72-55-9	0.0036		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	4,4'-DDT	50-29-3	0.0036		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	Aldrin	309-00-2	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	alpha-BHC	319-84-6	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	alpha-Chlordane	5103-71-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	beta-BHC	319-85-7	0.0048	0.0048	mg/kg	Y		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	Chlordane (total)	57-74-9	0.0088		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	delta-BHC	319-86-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	Dieldrin	60-57-1	0.0036		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	Endosulfan I	959-98-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	Endosulfan II	33213-65-9	0.0036		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0036		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	Endrin	72-20-8	0.0036		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	Endrin aldehyde	7421-93-4	0.0036		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	Endrin ketone	53494-70-5	0.0036		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	gamma-BHC	58-89-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	gamma-Chlordane	5103-74-2	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	Heptachlor	76-44-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	Heptachlor epoxide	1024-57-3	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	Hexachlorobenzene	118-74-1	0.043	0.043	mg/kg	Y		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	Methoxychlor	72-43-5	0.018		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	Toxaphene	8001-35-2	0.035		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	PAHs	2-Methylnaphthalene	91-57-6	0.000017		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	PAHs	Acenaphthene	83-32-9	0.000031		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	PAHs	Acenaphthylene	208-96-8	0.000024		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	PAHs	Anthracene	120-12-7	0.000037		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	PAHs	Benzo(a)anthracene	56-55-3	0.000018		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	PAHs	Benzo(a)pyrene	50-32-8	0.000021		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.000035		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.000037		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.000026		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	PAHs	Chrysene	218-01-9	0.001	0.001	mg/kg	Y	J	EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.000024		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	PAHs	Fluoranthene	206-44-0	0.0017	0.0017	mg/kg	Y	J	EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	PAHs	Fluorene	86-73-7	0.000021		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.000028		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	PAHs	Naphthalene	91-20-3	0.0014	0.0014	mg/kg	Y	J	EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	PAHs	Phenanthrene	85-01-8	0.0021	0.0021	mg/kg	Y	J	EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	PAHs	Pyrene	129-00-0	0.0014	0.0014	mg/kg	Y	J	EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	RAD	Radium-226	Ra-226	0.497	0.497	pCi/g	Y	J	EPA 903.1 MOD

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	RAD	Radium-228	Ra-228	1.57	1.57	pCi/g	Y		EPA 904.0 MOD
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	RAD	Thorium-228	Th-228	1.88	1.88	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	RAD	Thorium-230	Th-230	1.14	1.14	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	RAD	Thorium-232	Th-232	1.77	1.77	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	RAD	Uranium-234	U-234	0.804	0.804	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	RAD	Uranium-235	U-235	0.0831	0.0831	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	RAD	Uranium-238	U-238	0.904	0.904	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	SVOCs	1,4-Dioxane	123-91-1	0.00016		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.004		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.000072		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	SVOCs	Diethylphthalate	84-66-2	0.0037		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	SVOCs	Dimethylphthalate	131-11-3	0.000028		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.039	0.039	mg/kg	Y	J	EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.000033		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	SVOCs	Nitrobenzene	98-95-3	0.000054		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	SVOCs	Octachlorostyrene	29082-74-4	0.014	0.014	mg/kg	Y		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	SVOCs	Pyridine	110-86-1	0.00082		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	TPH	Oil Range Organics	TPH-MOTOR	42		mg/kg	N		EPA 8015B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	42		mg/kg	N		EPA 8015B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00019		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00014		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00039		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00059		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,2-Dibromoethane	106-93-4	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00026	0.00026	mg/kg	Y	J	EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	2-Butanone	78-93-3	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	2-Chlorotoluene	95-49-8	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	2-Hexanone	591-78-6	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	4-Chlorotoluene	106-43-4	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Acetone	67-64-1	0.0068	0.0068	mg/kg	Y	J	EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Benzene	71-43-2	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Bromobenzene	108-86-1	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Bromochloromethane	74-97-5	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Bromodichloromethane	75-27-4	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Bromoform	75-25-2	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Bromomethane	74-83-9	0.00052		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Carbon tetrachloride	56-23-5	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Chlorobenzene	108-90-7	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Chloroethane	75-00-3	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Chloroform	67-66-3	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Chloromethane	74-87-3	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Cumene	98-82-8	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Dibromochloromethane	124-48-1	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Dibromomethane	74-95-3	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Diisopropyl ether	108-20-3	0.00016		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Ethyl benzene	100-41-4	0.00059		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00016		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	m,p-Xylene	179601-23-1	0.00062		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Methylene Chloride	75-09-2	0.00059	0.00059	mg/kg	Y	J	EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	n-Butylbenzene	104-51-8	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	n-Propylbenzene	103-65-1	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	o-Xylene	95-47-6	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	p-Cymene	99-87-6	0.00043		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	sec-Butylbenzene	135-98-8	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Styrene	100-42-5	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	t-Amyl methyl ether	994-05-8	0.000073		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	tert Butyl alcohol	75-65-0	0.0047		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	tert-Butylbenzene	98-06-6	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Tetrachloroethene	127-18-4	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Toluene	108-88-3	0.00044	0.00044	mg/kg	Y	J	EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Trichloroethene	79-01-6	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	VOCs	Vinyl chloride	75-01-4	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Chlorine Oxyanions	Chlorate	14866-68-3	2.34	2.34	mg/kg	Y		EPA 300.1M
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	82.4	82.4	mg/kg	Y		EPA 314.0
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00252	0.00252	mg/kg	Y	J	EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000872	0.0000872	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000822	0.000822	mg/kg	Y	J	EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000769	0.0000769	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000386	0.000386	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000415	0.000415	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000121	0.0000121	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000243	0.000243	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000232	0.0000232	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000368	0.0000368	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000244	0.0000244	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000171	0.000171	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000157	0.0000157	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000135	0.000135	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000086	0.000086	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000932	0.0000932	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000045	0.0000045	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	HpCDD (total)	37871-00-4	0.000121	0.000121	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	HpCDF (total)	38998-75-3	0.00177	0.00177	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	HxCDD (total)	34465-46-8	0.000184	0.000184	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	HxCDF (total)	55684-94-1	0.00185	0.00185	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	PeCDD (total)	36088-22-9	0.000179	0.000179	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	PeCDF (total)	30402-15-4	0.00151	0.00151	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	TCDD (total)	41903-57-5	0.00015	0.00015	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Dioxins	TCDF (total)	30402-14-3	0.00125	0.00125	mg/kg	Y		EPA 8290
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	263	263	mg/kg	Y		SM 2320B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	General Chemistry	Carbonate as CO3	3812-32-6	7	7	mg/kg	Y	J	SM 2320B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	General Chemistry	Chloride	16887-00-6	197	197	mg/kg	Y	J+	EPA 9056
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	General Chemistry	Hydrogen carbonate	71-52-3	256	256	mg/kg	Y		SM 2320B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	UJ	SM 5540C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	General Chemistry	Nitrate	14797-55-8	43.88714286	43.88714286	mg/kg	Y	J+	EPA 9056
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	General Chemistry	pH	PH	8.75	8.75	SU	Y		EPA 9045D
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	General Chemistry	Sulfate	14808-79-8	268	268	mg/kg	Y	J+	EPA 9056
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	General Chemistry	Total Organic Carbon	TOC	860	860	mg/kg	Y		LLOYD KAHN
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Aluminum	7429-90-5	10200	10200	mg/kg	Y		EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Arsenic	7440-38-2	2.09	2.09	mg/kg	Y		EPA 6020
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Barium	7440-39-3	176	176	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Beryllium	7440-41-7	0.545	0.545	mg/kg	Y	J+	EPA 6020
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Boron	7440-42-8	4.6	4.6	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Calcium	7440-70-2	16100	16100	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Chromium (total)	7440-47-3	8.79	8.79	mg/kg	Y		EPA 6020
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Cobalt	7440-48-4	7.9	7.9	mg/kg	Y		EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Copper	7440-50-8	17.2	17.2	mg/kg	Y		EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Iron	7439-89-6	14100	14100	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Lead	7439-92-1	9.5	9.5	mg/kg	Y		EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Magnesium	7439-95-4	9160	9160	mg/kg	Y		EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Manganese	7439-96-5	424	424	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Mercury	7439-97-6	0.007	0.007	mg/kg	Y	J	EPA 7471
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Molybdenum	7439-98-7	0.47	0.47	mg/kg	Y		EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Nickel	7440-02-0	22	22	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Phosphorus (total)	7723-14-0	928	928	mg/kg	Y		EPA 365.1M
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Platinum	7440-06-4	0.007	0.007	mg/kg	Y	J	EPA 6020
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Potassium	7440-09-7	2480	2480	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Sodium	7440-23-5	1300	1300	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Strontium	7440-24-6	123	123	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Thallium	7440-28-0	0.131	0.131	mg/kg	Y		EPA 6020
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Tin	7440-31-5	4	4	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Titanium	7440-32-6	708	708	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Tungsten	7440-33-7	0.32	0.32	mg/kg	Y	J-	EPA 6020
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Uranium (total)	7440-61-1	0.774	0.774	mg/kg	Y	J+	EPA 6020
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Vanadium	7440-62-2	37.3	37.3	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	Metals	Zinc	7440-66-6	32.2	32.2	mg/kg	Y	J	EPA 6010
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	4,4'-DDD	72-54-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	4,4'-DDE	72-55-9	0.018		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	4,4'-DDT	50-29-3	0.018		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	Aldrin	309-00-2	0.0089		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	alpha-BHC	319-84-6	0.0089		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	alpha-Chlordane	5103-71-9	0.0089		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	beta-BHC	319-85-7	0.0089		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	Chlordane (total)	57-74-9	0.044		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	delta-BHC	319-86-8	0.0089		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	Dieldrin	60-57-1	0.018		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	Endosulfan I	959-98-8	0.0089		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	Endosulfan II	33213-65-9	0.018		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	Endosulfan sulfate	1031-07-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	Endrin	72-20-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	Endrin aldehyde	7421-93-4	0.018		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	Endrin ketone	53494-70-5	0.018		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	gamma-BHC	58-89-9	0.0089		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	gamma-Chlordane	5103-74-2	0.0089		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	Heptachlor	76-44-8	0.0089		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	Heptachlor epoxide	1024-57-3	0.0089		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	Hexachlorobenzene	118-74-1	0.059	0.059	mg/kg	Y		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	Methoxychlor	72-43-5	0.088		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	Toxaphene	8001-35-2	0.18		mg/kg	N		EPA 8081
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	PAHs	2-Methylnaphthalene	91-57-6	0.000017		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	PAHs	Acenaphthene	83-32-9	0.000031		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	PAHs	Acenaphthylene	208-96-8	0.000024		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	PAHs	Anthracene	120-12-7	0.000037		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	PAHs	Benzo(a)anthracene	56-55-3	0.000018		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	PAHs	Benzo(a)pyrene	50-32-8	0.000022		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.000035		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.000037		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.000026		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	PAHs	Chrysene	218-01-9	0.0011	0.0011	mg/kg	Y	J	EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.000024		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	PAHs	Fluoranthene	206-44-0	0.0018	0.0018	mg/kg	Y	J	EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	PAHs	Fluorene	86-73-7	0.000022		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.000028		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	PAHs	Naphthalene	91-20-3	0.0014	0.0014	mg/kg	Y	J	EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	PAHs	Phenanthrene	85-01-8	0.0025	0.0025	mg/kg	Y	J	EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	PAHs	Pyrene	129-00-0	0.0011	0.0011	mg/kg	Y	J	EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	RAD	Radium-226	Ra-226	0.564	0.564	pCi/g	Y	J	EPA 903.1 MOD
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	RAD	Radium-228	Ra-228	1.84	1.84	pCi/g	Y		EPA 904.0 MOD
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	RAD	Thorium-228	Th-228	1.75	1.75	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	RAD	Thorium-230	Th-230	1.15	1.15	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	RAD	Thorium-232	Th-232	1.93	1.93	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	RAD	Uranium-234	U-234	0.866	0.866	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	RAD	Uranium-235	U-235	0.0732	0.0732	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	RAD	Uranium-238	U-238	0.902	0.902	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	SVOCs	1,4-Dioxane	123-91-1	0.00016		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.004		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.000072		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	SVOCs	Diethylphthalate	84-66-2	0.0037		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	SVOCs	Dimethylphthalate	131-11-3	0.000028		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.042	0.042	mg/kg	Y	J	EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.000033		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	SVOCs	Nitrobenzene	98-95-3	0.000054		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	SVOCs	Octachlorostyrene	29082-74-4	0.013	0.013	mg/kg	Y		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	SVOCs	Pyridine	110-86-1	0.00082		mg/kg	N		EPA 8270C
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	TPH	Oil Range Organics	TPH-MOTOR	42		mg/kg	N		EPA 8015B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	42		mg/kg	N		EPA 8015B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00019		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00014		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00027		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00039		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00031		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00025		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00027		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00059		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	1,2-Dibromoethane	106-93-4	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00024		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00026		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00022		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	2-Butanone	78-93-3	0.00051		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	2-Chlorotoluene	95-49-8	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	2-Hexanone	591-78-6	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	4-Chlorotoluene	106-43-4	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Acetone	67-64-1	0.006	0.006	mg/kg	Y	J	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Benzene	71-43-2	0.00031		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Bromobenzene	108-86-1	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Bromochloromethane	74-97-5	0.00028		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Bromodichloromethane	75-27-4	0.00034		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Bromoform	75-25-2	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Bromomethane	74-83-9	0.00052		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Carbon tetrachloride	56-23-5	0.0003		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Chlorobenzene	108-90-7	0.00064	0.00064	mg/kg	Y	J	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Chloroethane	75-00-3	0.00032		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Chloroform	67-66-3	0.00029		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Chloromethane	74-87-3	0.00038		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00021		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00023		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Cumene	98-82-8	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Dibromochloromethane	124-48-1	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Dibromomethane	74-95-3	0.00022		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00035		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Diisopropyl ether	108-20-3	0.00016		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Ethyl benzene	100-41-4	0.00059		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00016		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	m,p-Xylene	179601-23-1	0.00062		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00021		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Methylene Chloride	75-09-2	0.00029	0.00029	mg/kg	Y	J	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	n-Butylbenzene	104-51-8	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	n-Propylbenzene	103-65-1	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	o-Xylene	95-47-6	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	p-Cymene	99-87-6	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	sec-Butylbenzene	135-98-8	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Styrene	100-42-5	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	t-Amyl methyl ether	994-05-8	0.000073		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	tert Butyl alcohol	75-65-0	0.0047		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	tert-Butylbenzene	98-06-6	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Tetrachloroethene	127-18-4	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Toluene	108-88-3	0.00023	0.00023	mg/kg	Y	J	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00035		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Trichloroethene	79-01-6	0.00027		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00022		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	VOCs	Vinyl chloride	75-01-4	0.00032		mg/kg	N	UJ	EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.052	0.052	mg/kg	Y	J	EPA 300.1M
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	1.02	1.02	mg/kg	Y		EPA 314.0M
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0047	0.0047	mg/kg	Y	J	EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000143	0.000143	mg/kg	Y	J	EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00159	0.00159	mg/kg	Y	J	EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00015	0.00015	mg/kg	Y		EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000669	0.000669	mg/kg	Y	J	EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000869	0.000869	mg/kg	Y	J	EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000178	0.0000178	mg/kg	Y		EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000513	0.000513	mg/kg	Y		EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000394	0.0000394	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000713	0.0000713	mg/kg	Y		EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000415	0.0000415	mg/kg	Y		EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000413	0.000413	mg/kg	Y		EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000026	0.000026	mg/kg	Y		EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000257	0.000257	mg/kg	Y		EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000193	0.000193	mg/kg	Y		EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000179	0.000179	mg/kg	Y		EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000785	0.00000785	mg/kg	Y		EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	HpCDD (total)	37871-00-4	0.000236	0.000236	mg/kg	Y		EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	HpCDF (total)	38998-75-3	0.00291	0.00291	mg/kg	Y		EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	HxCDD (total)	34465-46-8	0.000298	0.000298	mg/kg	Y		EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	HxCDF (total)	55684-94-1	0.00397	0.00397	mg/kg	Y		EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	PeCDD (total)	36088-22-9	0.000304	0.000304	mg/kg	Y		EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	PeCDF (total)	30402-15-4	0.00386	0.00386	mg/kg	Y		EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	TCDD (total)	41903-57-5	0.000252	0.000252	mg/kg	Y		EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Dioxins	TCDF (total)	30402-14-3	0.00317	0.00317	mg/kg	Y		EPA 8290
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	301	301	mg/kg	Y		SM 2320B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	General Chemistry	Carbonate as CO3	3812-32-6	9	9	mg/kg	Y	J	SM 2320B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	General Chemistry	Chloride	16887-00-6	4.1	4.1	mg/kg	Y	J+	EPA 9056
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	General Chemistry	Hydrogen carbonate	71-52-3	293	293	mg/kg	Y		SM 2320B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.2		mg/kg	N	UJ	SM 5540C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	General Chemistry	Nitrate	14797-55-8	9.565714286	9.565714286	mg/kg	Y	J+	EPA 9056
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	General Chemistry	pH	PH	8.96	8.96	SU	Y		EPA 9045D
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	General Chemistry	Sulfate	14808-79-8	157	157	mg/kg	Y	J+	EPA 9056
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	General Chemistry	Total Organic Carbon	TOC	1380	1380	mg/kg	Y		LLOYD KAHN
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Aluminum	7429-90-5	9440	9440	mg/kg	Y	J	EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Arsenic	7440-38-2	2.69	2.69	mg/kg	Y		EPA 6020
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Barium	7440-39-3	196	196	mg/kg	Y		EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Beryllium	7440-41-7	0.496	0.496	mg/kg	Y		EPA 6020
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Boron	7440-42-8	7	7	mg/kg	Y	J	EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Cadmium	7440-43-9	0.9	0.9	mg/kg	Y	J	EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Calcium	7440-70-2	29400	29400	mg/kg	Y		EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Chromium (total)	7440-47-3	8.27	8.27	mg/kg	Y		EPA 6020
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Cobalt	7440-48-4	8.7	8.7	mg/kg	Y	J	EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Copper	7440-50-8	24.7	24.7	mg/kg	Y		EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Iron	7439-89-6	19700	19700	mg/kg	Y		EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Lead	7439-92-1	50	50	mg/kg	Y	J	EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Magnesium	7439-95-4	10200	10200	mg/kg	Y		EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Manganese	7439-96-5	551	551	mg/kg	Y		EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Mercury	7439-97-6	0.039	0.039	mg/kg	Y		EPA 7471
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Molybdenum	7439-98-7	1.92	1.92	mg/kg	Y		EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Nickel	7440-02-0	17.2	17.2	mg/kg	Y	J	EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Phosphorus (total)	7723-14-0	1170	1170	mg/kg	Y		EPA 365.1M
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Platinum	7440-06-4	0.009	0.009	mg/kg	Y	J	EPA 6020
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Potassium	7440-09-7	2930	2930	mg/kg	Y		EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Selenium	7782-49-2	0.8		mg/kg	N		EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Sodium	7440-23-5	413	413	mg/kg	Y		EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Strontium	7440-24-6	169	169	mg/kg	Y		EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Thallium	7440-28-0	0.17	0.17	mg/kg	Y	J	EPA 6020
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Tin	7440-31-5	5	5	mg/kg	Y	J	EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Titanium	7440-32-6	1070	1070	mg/kg	Y		EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Tungsten	7440-33-7	0.2	0.2	mg/kg	Y	J-	EPA 6020
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Uranium (total)	7440-61-1	0.889	0.889	mg/kg	Y		EPA 6020
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Vanadium	7440-62-2	58.9	58.9	mg/kg	Y		EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	Metals	Zinc	7440-66-6	269	269	mg/kg	Y	J+	EPA 6010
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	4,4'-DDD	72-54-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	4,4'-DDE	72-55-9	0.037	0.037	mg/kg	Y		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	4,4'-DDT	50-29-3	0.022	0.022	mg/kg	Y	J	EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	Aldrin	309-00-2	0.0091		mg/kg	N		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	alpha-BHC	319-84-6	0.0091		mg/kg	N		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	alpha-Chlordane	5103-71-9	0.0091		mg/kg	N		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	beta-BHC	319-85-7	0.1	0.1	mg/kg	Y		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	Chlordane (total)	57-74-9	0.045		mg/kg	N		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	delta-BHC	319-86-8	0.0091		mg/kg	N		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	Dieldrin	60-57-1	0.018		mg/kg	N		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	Endosulfan I	959-98-8	0.0091		mg/kg	N		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	Endosulfan II	33213-65-9	0.018		mg/kg	N		EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	Endosulfan sulfate	1031-07-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	Endrin	72-20-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	Endrin aldehyde	7421-93-4	0.018		mg/kg	N		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	Endrin ketone	53494-70-5	0.018		mg/kg	N		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	gamma-BHC	58-89-9	0.0091		mg/kg	N		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	gamma-Chlordane	5103-74-2	0.0091		mg/kg	N		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	Heptachlor	76-44-8	0.0091		mg/kg	N		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	Heptachlor epoxide	1024-57-3	0.0091		mg/kg	N		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	Hexachlorobenzene	118-74-1	0.02	0.02	mg/kg	Y		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	Methoxychlor	72-43-5	0.09		mg/kg	N		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	Toxaphene	8001-35-2	0.18		mg/kg	N		EPA 8081
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	PAHs	2-Methylnaphthalene	91-57-6	0.003		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	PAHs	Acenaphthene	83-32-9	0.0053		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	PAHs	Acenaphthylene	208-96-8	0.0039		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	PAHs	Anthracene	120-12-7	0.0063		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0031		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0036		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0059		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0063		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.0044		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	PAHs	Chrysene	218-01-9	0.0052		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0041		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	PAHs	Fluoranthene	206-44-0	0.0074		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	PAHs	Fluorene	86-73-7	0.0037		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0047		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	PAHs	Naphthalene	91-20-3	0.0045		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	PAHs	Phenanthrene	85-01-8	0.0093		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	PAHs	Pyrene	129-00-0	0.0051		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	RAD	Radium-226	Ra-226	0.558	0.558	pCi/g	Y		EPA 903.1 MOD
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	RAD	Radium-228	Ra-228	0.41	0.41	pCi/g	Y		EPA 904.0 MOD
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	RAD	Thorium-228	Th-228	1.75	1.75	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	RAD	Thorium-230	Th-230	0.91	0.91	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	RAD	Thorium-232	Th-232	1.5	1.5	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	RAD	Uranium-234	U-234	0.988	0.988	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	RAD	Uranium-235	U-235	0.0429	0.0429	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	RAD	Uranium-238	U-238	0.999	0.999	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	SVOCs	1,4-Dioxane	123-91-1	0.026		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.68		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.013		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	SVOCs	Diethylphthalate	84-66-2	0.62		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	SVOCs	Dimethylphthalate	131-11-3	0.0047		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.18		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0057		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00049		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	SVOCs	Nitrobenzene	98-95-3	0.0093		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	SVOCs	Octachlorostyrene	29082-74-4	0.025	0.025	mg/kg	Y	J	EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00016		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00014		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00015		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00011		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	1,2-Dibromoethane	106-93-4	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00019		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	1,3-Dichloropropane	142-28-9	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00039		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00019		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	2-Butanone	78-93-3	0.00066	0.00066	mg/kg	Y	J	EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	2-Chlorotoluene	95-49-8	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	2-Hexanone	591-78-6	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	4-Chlorotoluene	106-43-4	0.00035		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Acetone	67-64-1	0.019	0.019	mg/kg	Y	J	EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Benzene	71-43-2	0.00014		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Bromobenzene	108-86-1	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Bromochloromethane	74-97-5	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Bromodichloromethane	75-27-4	0.00014		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Bromoform	75-25-2	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Bromomethane	74-83-9	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Carbon tetrachloride	56-23-5	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Chlorobenzene	108-90-7	0.00015		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Chloroethane	75-00-3	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Chloroform	67-66-3	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Chloromethane	74-87-3	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00015		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Cumene	98-82-8	0.00019		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Dibromochloromethane	124-48-1	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Dibromomethane	74-95-3	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Diisopropyl ether	108-20-3	0.00016		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Ethyl benzene	100-41-4	0.00057		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00016		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	m,p-Xylene	179601-23-1	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00015		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Methylene Chloride	75-09-2	0.00036	0.00036	mg/kg	Y	J	EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	n-Butylbenzene	104-51-8	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	n-Propylbenzene	103-65-1	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	o-Xylene	95-47-6	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	p-Cymene	99-87-6	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	sec-Butylbenzene	135-98-8	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Styrene	100-42-5	0.00019		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	t-Amyl methyl ether	994-05-8	0.000072		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	tert Butyl alcohol	75-65-0	0.0046		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	tert-Butylbenzene	98-06-6	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Tetrachloroethene	127-18-4	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Toluene	108-88-3	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Trichloroethene	79-01-6	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	VOCs	Vinyl chloride	75-01-4	0.00015		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.043		mg/kg	N		EPA 300.1M
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.043		mg/kg	N		EPA 314.0M
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00609	0.00609	mg/kg	Y	J	EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000161	0.000161	mg/kg	Y		EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00179	0.00179	mg/kg	Y	J	EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000173	0.000173	mg/kg	Y		EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00099	0.00099	mg/kg	Y	J	EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000929	0.000929	mg/kg	Y	J	EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000213	0.0000213	mg/kg	Y		EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000619	0.000619	mg/kg	Y	J	EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000046	0.000046	mg/kg	Y		EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000102	0.000102	mg/kg	Y		EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000528	0.0000528	mg/kg	Y		EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000443	0.000443	mg/kg	Y		EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000311	0.0000311	mg/kg	Y		EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000321	0.000321	mg/kg	Y		EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000211	0.000211	mg/kg	Y		EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000199	0.000199	mg/kg	Y		EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000935	0.00000935	mg/kg	Y		EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	HpCDD (total)	37871-00-4	0.00027	0.00027	mg/kg	Y		EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	HpCDF (total)	38998-75-3	0.00411	0.00411	mg/kg	Y		EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	HxCDD (total)	34465-46-8	0.00035	0.00035	mg/kg	Y		EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	HxCDF (total)	55684-94-1	0.00455	0.00455	mg/kg	Y		EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	PeCDD (total)	36088-22-9	0.000326	0.000326	mg/kg	Y		EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	PeCDF (total)	30402-15-4	0.00388	0.00388	mg/kg	Y		EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	TCDD (total)	41903-57-5	0.000295	0.000295	mg/kg	Y		EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Dioxins	TCDF (total)	30402-14-3	0.00329	0.00329	mg/kg	Y		EPA 8290
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	372	372	mg/kg	Y	J-	SM 2320B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Carbonate as CO3	3812-32-6	4	4	mg/kg	Y	J	SM 2320B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Chloride	16887-00-6	1.9	1.9	mg/kg	Y	J	EPA 9056
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Hydrogen carbonate	71-52-3	367	367	mg/kg	Y		SM 2320B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	UJ	SM 5540C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Nitrate	14797-55-8	5.535714286	5.535714286	mg/kg	Y	J	EPA 9056
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N	UJ	EPA 353.2
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	pH	PH	9.4	9.4	SU	Y		EPA 9045D
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Sulfate	14808-79-8	13.2	13.2	mg/kg	Y	J	EPA 9056
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Total Organic Carbon	TOC	850	850	mg/kg	Y		LLOYD KAHN
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Aluminum	7429-90-5	8080	8080	mg/kg	Y		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Arsenic	7440-38-2	2.15	2.15	mg/kg	Y		EPA 6020
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Barium	7440-39-3	210	210	mg/kg	Y		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Beryllium	7440-41-7	0.522	0.522	mg/kg	Y		EPA 6020
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Boron	7440-42-8	4.3	4.3	mg/kg	Y	J	EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Cadmium	7440-43-9	0.15	0.15	mg/kg	Y		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Calcium	7440-70-2	14400	14400	mg/kg	Y		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Chromium (total)	7440-47-3	8.13	8.13	mg/kg	Y		EPA 6020
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Cobalt	7440-48-4	9.5	9.5	mg/kg	Y		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Copper	7440-50-8	19.8	19.8	mg/kg	Y		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Iron	7439-89-6	15400	15400	mg/kg	Y		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Lead	7439-92-1	12.8	12.8	mg/kg	Y		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Magnesium	7439-95-4	7490	7490	mg/kg	Y		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Manganese	7439-96-5	652	652	mg/kg	Y		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Mercury	7439-97-6	0.018	0.018	mg/kg	Y	J	EPA 7471
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Molybdenum	7439-98-7	0.69	0.69	mg/kg	Y		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Nickel	7440-02-0	15.6	15.6	mg/kg	Y		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Phosphorus (total)	7723-14-0	1110	1110	mg/kg	Y		EPA 365.1M
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Platinum	7440-06-4	0.012	0.012	mg/kg	Y	J	EPA 6020
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Potassium	7440-09-7	2660	2660	mg/kg	Y		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Sodium	7440-23-5	401	401	mg/kg	Y		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Strontium	7440-24-6	141	141	mg/kg	Y		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Thallium	7440-28-0	0.146	0.146	mg/kg	Y		EPA 6020
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Tin	7440-31-5	4.4	4.4	mg/kg	Y	J	EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Titanium	7440-32-6	740	740	mg/kg	Y		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Tungsten	7440-33-7	0.24	0.24	mg/kg	Y		EPA 6020
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Uranium (total)	7440-61-1	0.718	0.718	mg/kg	Y		EPA 6020
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Vanadium	7440-62-2	43.3	43.3	mg/kg	Y		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	Metals	Zinc	7440-66-6	36.8	36.8	mg/kg	Y		EPA 6010
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	4,4'-DDE	72-55-9	0.0031	0.0031	mg/kg	Y	J+	EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	Aldrin	309-00-2	0.0009		mg/kg	N		EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	alpha-BHC	319-84-6	0.0009		mg/kg	N		EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	alpha-Chlordane	5103-71-9	0.0009		mg/kg	N		EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	beta-BHC	319-85-7	0.0065	0.0065	mg/kg	Y	J+	EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	Chlordane (total)	57-74-9	0.0045		mg/kg	N		EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	delta-BHC	319-86-8	0.0009		mg/kg	N		EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	Endosulfan I	959-98-8	0.0009		mg/kg	N		EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	Endrin	72-20-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	gamma-BHC	58-89-9	0.0009		mg/kg	N		EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	gamma-Chlordane	5103-74-2	0.0009		mg/kg	N		EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	Heptachlor	76-44-8	0.0009		mg/kg	N		EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	Heptachlor epoxide	1024-57-3	0.0009		mg/kg	N		EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	Hexachlorobenzene	118-74-1	0.0053	0.0053	mg/kg	Y	J+	EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	Methoxychlor	72-43-5	0.0089		mg/kg	N		EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	Toxaphene	8001-35-2	0.018		mg/kg	N		EPA 8081
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00059		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	PAHs	Acenaphthylene	208-96-8	0.00077		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0006		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0007		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00086		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0008		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	PAHs	Fluorene	86-73-7	0.00072		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00092		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	PAHs	Naphthalene	91-20-3	0.00088		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	RAD	Radium-226	Ra-226	0.511	0.511	pCi/g	Y		EPA 903.1 MOD
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	RAD	Radium-228	Ra-228	1.05	1.05	pCi/g	Y	J	EPA 904.0 MOD
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	RAD	Thorium-228	Th-228	1.99	1.99	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	RAD	Thorium-230	Th-230	1.16	1.16	pCi/g	Y	J	DOE EML HASL-300
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	RAD	Thorium-232	Th-232	1.92	1.92	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	RAD	Uranium-234	U-234	1.52	1.52	pCi/g	Y	J	DOE EML HASL-300
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	RAD	Uranium-235	U-235	0.088	0.088	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	RAD	Uranium-238	U-238	1.21	1.21	pCi/g	Y	J	DOE EML HASL-300
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	SVOCs	1,4-Dioxane	123-91-1	0.0051		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	SVOCs	Dimethylphthalate	131-11-3	0.00092		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.067	0.067	mg/kg	Y	J	EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N	UJ	EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	SVOCs	Octachlorostyrene	29082-74-4	0.021	0.021	mg/kg	Y		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	TPH	Oil Range Organics	TPH-MOTOR	42		mg/kg	N		EPA 8015B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	42		mg/kg	N		EPA 8015B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00015		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00016		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00011		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00049		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00019		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	2-Butanone	78-93-3	0.00092	0.00092	mg/kg	Y	J	EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	2-Chlorotoluene	95-49-8	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	2-Hexanone	591-78-6	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	4-Chlorotoluene	106-43-4	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Acetone	67-64-1	0.004	0.004	mg/kg	Y	J	EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Benzene	71-43-2	0.00015		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Bromobenzene	108-86-1	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Bromochloromethane	74-97-5	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Bromodichloromethane	75-27-4	0.00015		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Bromoform	75-25-2	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Bromomethane	74-83-9	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Carbon tetrachloride	56-23-5	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Chlorobenzene	108-90-7	0.00015		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Chloroethane	75-00-3	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Chloroform	67-66-3	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Chloromethane	74-87-3	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00015		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Cumene	98-82-8	0.00019		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Dibromochloromethane	124-48-1	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Dibromomethane	74-95-3	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Diisopropyl ether	108-20-3	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Ethyl benzene	100-41-4	0.00059		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	m,p-Xylene	179601-23-1	0.00043		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00015		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Methylene Chloride	75-09-2	0.00029	0.00029	mg/kg	Y	J	EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	n-Butylbenzene	104-51-8	0.00039		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	n-Propylbenzene	103-65-1	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	o-Xylene	95-47-6	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	p-Cymene	99-87-6	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	sec-Butylbenzene	135-98-8	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Styrene	100-42-5	0.00019		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	t-Amyl methyl ether	994-05-8	0.000074		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	tert Butyl alcohol	75-65-0	0.0047		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	tert-Butylbenzene	98-06-6	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Tetrachloroethene	127-18-4	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Toluene	108-88-3	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Trichloroethene	79-01-6	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	VOCs	Vinyl chloride	75-01-4	0.00016		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.042		mg/kg	N		EPA 300.1
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	2.01	2.01	mg/kg	Y		EPA 314.0
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000015	0.000015	mg/kg	Y		EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000392	0.00000392	mg/kg	Y	J	EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00000618	0.00000618	mg/kg	Y		EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000000833	0.000000833	mg/kg	Y	J	EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000021	0.0000021	mg/kg	Y	J	EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000003	0.000003	mg/kg	Y		EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	6.04E-08		mg/kg	N		EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000189	0.00000189	mg/kg	Y	J	EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000024	0.00000024	mg/kg	Y	JK	EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000000208		mg/kg	N		EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000249	0.000000249	mg/kg	Y	JK	EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000126	0.00000126	mg/kg	Y	J	EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	8.25E-08		mg/kg	N		EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000000518	0.000000518	mg/kg	Y	JK	EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000000516	0.000000516	mg/kg	Y	JK	EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000211	0.00000211	mg/kg	Y		EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000079		mg/kg	N		EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	HpCDD (total)	37871-00-4	0.00000152	0.00000152	mg/kg	Y	J	EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	HpCDF (total)	38998-75-3	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	HxCDD (total)	34465-46-8	5.35E-08		mg/kg	N		EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	HxCDF (total)	55684-94-1	0.0000118	0.0000118	mg/kg	Y		EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	PeCDD (total)	36088-22-9	8.25E-08		mg/kg	N		EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	PeCDF (total)	30402-15-4	0.0000111	0.0000111	mg/kg	Y		EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	TCDD (total)	41903-57-5	0.000000079		mg/kg	N		EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	TCDF (total)	30402-14-3	0.00000942	0.00000942	mg/kg	Y		EPA 8290
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	296	296	mg/kg	Y		SM 2320B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Carbonate as CO3	3812-32-6	16	16	mg/kg	Y	J	SM 2320B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Chloride	16887-00-6	5	5	mg/kg	Y	J+	EPA 9056
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Hydrogen carbonate	71-52-3	279	279	mg/kg	Y		SM 2320B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	UJ	SM 5540C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Nitrate	14797-55-8	5.58	5.58	mg/kg	Y	J+	EPA 9056
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	pH	PH	9.43	9.43	SU	Y		EPA 9045D
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Sulfate	14808-79-8	22.8	22.8	mg/kg	Y	J+	EPA 9056
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Total Organic Carbon	TOC	650	650	mg/kg	Y	J-	LLOYD KAHN
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Aluminum	7429-90-5	8040	8040	mg/kg	Y		EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Arsenic	7440-38-2	1.46	1.46	mg/kg	Y		EPA 6020
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Barium	7440-39-3	143	143	mg/kg	Y		EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Beryllium	7440-41-7	0.484	0.484	mg/kg	Y		EPA 6020
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Boron	7440-42-8	4.5	4.5	mg/kg	Y	J	EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Cadmium	7440-43-9	0.08	0.08	mg/kg	Y	J	EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Calcium	7440-70-2	13700	13700	mg/kg	Y	J	EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Chromium (total)	7440-47-3	5.6	5.6	mg/kg	Y		EPA 6020
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Cobalt	7440-48-4	7.5	7.5	mg/kg	Y		EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Copper	7440-50-8	18.9	18.9	mg/kg	Y		EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Iron	7439-89-6	15100	15100	mg/kg	Y	J	EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Lead	7439-92-1	8.3	8.3	mg/kg	Y		EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Magnesium	7439-95-4	7370	7370	mg/kg	Y		EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Manganese	7439-96-5	398	398	mg/kg	Y	J	EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Mercury	7439-97-6	0.013	0.013	mg/kg	Y	J	EPA 7471

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Molybdenum	7439-98-7	0.49	0.49	mg/kg	Y		EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Nickel	7440-02-0	15.1	15.1	mg/kg	Y	J	EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Phosphorus (total)	7723-14-0	1150	1150	mg/kg	Y		EPA 365.1M
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Platinum	7440-06-4	0.01		mg/kg	N		EPA 6020
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Potassium	7440-09-7	2140	2140	mg/kg	Y		EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Sodium	7440-23-5	363	363	mg/kg	Y		EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Strontium	7440-24-6	129	129	mg/kg	Y		EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Thallium	7440-28-0	0.087	0.087	mg/kg	Y		EPA 6020
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Tin	7440-31-5	3.7	3.7	mg/kg	Y	J	EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Titanium	7440-32-6	805	805	mg/kg	Y		EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Tungsten	7440-33-7	0.14	0.14	mg/kg	Y	J-	EPA 6020
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Uranium (total)	7440-61-1	0.782	0.782	mg/kg	Y		EPA 6020
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Vanadium	7440-62-2	42.7	42.7	mg/kg	Y		EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Zinc	7440-66-6	32.3	32.3	mg/kg	Y	J	EPA 6010
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	4,4'-DDE	72-55-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Aldrin	309-00-2	0.00088		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	alpha-BHC	319-84-6	0.00088		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	alpha-Chlordane	5103-71-9	0.00088		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	beta-BHC	319-85-7	0.00088		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Chlordane (total)	57-74-9	0.0044		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	delta-BHC	319-86-8	0.00088		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Endosulfan I	959-98-8	0.00088		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Endrin	72-20-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	gamma-BHC	58-89-9	0.00088		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	gamma-Chlordane	5103-74-2	0.00088		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Heptachlor	76-44-8	0.00088		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00088		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Hexachlorobenzene	118-74-1	0.017	0.017	mg/kg	Y		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Methoxychlor	72-43-5	0.0087		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Toxaphene	8001-35-2	0.018		mg/kg	N		EPA 8081
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00057		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Acenaphthylene	208-96-8	0.00075		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Anthracene	120-12-7	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00058		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00068		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00084		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Chrysene	218-01-9	0.00099		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00078		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Fluorene	86-73-7	0.0007		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0009		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Naphthalene	91-20-3	0.001	0.001	mg/kg	Y	J	EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Phenanthrene	85-01-8	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Pyrene	129-00-0	0.00099		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	RAD	Radium-226	Ra-226	0.5		pCi/g	N	UJ	EPA 903.1 MOD
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	RAD	Radium-228	Ra-228	1.61	1.61	pCi/g	Y		EPA 904.0 MOD
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	RAD	Thorium-228	Th-228	1.89	1.89	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	RAD	Thorium-230	Th-230	1.28	1.28	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	RAD	Thorium-232	Th-232	1.47	1.47	pCi/g	Y	J	DOE EML HASL-300
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	RAD	Uranium-234	U-234	0.757	0.757	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	RAD	Uranium-235	U-235	0.0365	0.0365	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	RAD	Uranium-238	U-238	0.773	0.773	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	1,4-Dioxane	123-91-1	0.005		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	Dimethylphthalate	131-11-3	0.0009		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.096	0.096	mg/kg	Y	J	EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00073		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0036		mg/kg	N	UJ	EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	Pyridine	110-86-1	0.027		mg/kg	N		EPA 8270C
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	TPH	Oil Range Organics	TPH-MOTOR	41		mg/kg	N		EPA 8015B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	41		mg/kg	N		EPA 8015B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00016		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00039		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0007		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00052		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00074		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00067		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00057		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	2-Butanone	78-93-3	0.00074		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	2-Chlorotoluene	95-49-8	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	2-Hexanone	591-78-6	0.00068		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	4-Chlorotoluene	106-43-4	0.00053		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00063		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Acetone	67-64-1	0.0033	0.0033	mg/kg	Y	J	EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Benzene	71-43-2	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Bromobenzene	108-86-1	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Bromochloromethane	74-97-5	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Bromodichloromethane	75-27-4	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Bromoform	75-25-2	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Bromomethane	74-83-9	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Carbon tetrachloride	56-23-5	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Chlorobenzene	108-90-7	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Chloroethane	75-00-3	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Chloroform	67-66-3	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Chloromethane	74-87-3	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Cumene	98-82-8	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Dibromochloromethane	124-48-1	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Dibromomethane	74-95-3	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Diisopropyl ether	108-20-3	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Ethyl benzene	100-41-4	0.00085		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	m,p-Xylene	179601-23-1	0.00061		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Methylene Chloride	75-09-2	0.0014	0.0014	mg/kg	Y	J	EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	n-Butylbenzene	104-51-8	0.00056		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	n-Propylbenzene	103-65-1	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	o-Xylene	95-47-6	0.00061		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	p-Cymene	99-87-6	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	sec-Butylbenzene	135-98-8	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Styrene	100-42-5	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	tert Butyl alcohol	75-65-0	0.0068		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	tert-Butylbenzene	98-06-6	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Tetrachloroethene	127-18-4	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Toluene	108-88-3	0.00066	0.00066	mg/kg	Y	J	EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Trichloroethene	79-01-6	0.00039		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Vinyl chloride	75-01-4	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.231	0.231	mg/kg	Y		EPA 300.1
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.84	0.84	mg/kg	Y		EPA 314.0
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0193	0.0193	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000363	0.000363	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00626	0.00626	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000307	0.000307	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00287	0.00287	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00307	0.00307	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000437	0.0000437	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00202	0.00202	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000787	0.0000787	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000162	0.000162	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000955	0.0000955	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00103	0.00103	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000542	0.0000542	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000245	0.000245	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000345	0.000345	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00114	0.00114	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000175	0.0000175	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	HpCDD (total)	37871-00-4	0.000474	0.000474	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	HpCDF (total)	38998-75-3	0.00904	0.00904	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	HxCDD (total)	34465-46-8	0.000672	0.000672	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	HxCDF (total)	55684-94-1	0.00861	0.00861	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	PeCDD (total)	36088-22-9	0.000685	0.000685	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	PeCDF (total)	30402-15-4	0.00715	0.00715	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	TCDD (total)	41903-57-5	0.000731	0.000731	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Dioxins	TCDF (total)	30402-14-3	0.00673	0.00673	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	207	207	mg/kg	Y		SM 2320B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Carbonate as CO3	3812-32-6	6	6	mg/kg	Y	J	SM 2320B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Chloride	16887-00-6	37	37	mg/kg	Y	J+	EPA 9056
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Hydrogen carbonate	71-52-3	201	201	mg/kg	Y		SM 2320B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	UJ	SM 5540C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Nitrate	14797-55-8	15.23428571	15.23428571	mg/kg	Y	J+	EPA 9056
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	pH	PH	8.84	8.84	SU	Y		EPA 9045D
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Sulfate	14808-79-8	1350	1350	mg/kg	Y		EPA 9056
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	General Chemistry	Total Organic Carbon	TOC	2040	2040	mg/kg	Y	J-	LLOYD KAHN
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Aluminum	7429-90-5	8510	8510	mg/kg	Y		EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Arsenic	7440-38-2	1.54	1.54	mg/kg	Y		EPA 6020
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Barium	7440-39-3	149	149	mg/kg	Y		EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Beryllium	7440-41-7	0.51	0.51	mg/kg	Y		EPA 6020
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Boron	7440-42-8	20.6	20.6	mg/kg	Y		EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Cadmium	7440-43-9	0.1	0.1	mg/kg	Y		EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Calcium	7440-70-2	17500	17500	mg/kg	Y	J	EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Chromium (total)	7440-47-3	6.45	6.45	mg/kg	Y		EPA 6020
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Chromium VI	18540-29-9	0.18		mg/kg	N		EPA 7199
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Cobalt	7440-48-4	8.2	8.2	mg/kg	Y		EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Copper	7440-50-8	19	19	mg/kg	Y		EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Iron	7439-89-6	15800	15800	mg/kg	Y	J	EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Lead	7439-92-1	9.4	9.4	mg/kg	Y		EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Magnesium	7439-95-4	8900	8900	mg/kg	Y		EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Manganese	7439-96-5	495	495	mg/kg	Y	J	EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Mercury	7439-97-6	0.014	0.014	mg/kg	Y	J	EPA 7471
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Molybdenum	7439-98-7	0.66	0.66	mg/kg	Y		EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Nickel	7440-02-0	16.3	16.3	mg/kg	Y	J	EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Phosphorus (total)	7723-14-0	1180	1180	mg/kg	Y		EPA 365.1M
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Platinum	7440-06-4	0.01		mg/kg	N		EPA 6020
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Potassium	7440-09-7	3840	3840	mg/kg	Y		EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Sodium	7440-23-5	980	980	mg/kg	Y		EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Strontium	7440-24-6	161	161	mg/kg	Y		EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Thallium	7440-28-0	0.151	0.151	mg/kg	Y		EPA 6020
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Tin	7440-31-5	4.3	4.3	mg/kg	Y	J	EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Titanium	7440-32-6	901	901	mg/kg	Y		EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Tungsten	7440-33-7	0.16	0.16	mg/kg	Y	J-	EPA 6020
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Uranium (total)	7440-61-1	0.679	0.679	mg/kg	Y		EPA 6020
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Vanadium	7440-62-2	46.4	46.4	mg/kg	Y		EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	Metals	Zinc	7440-66-6	33.7	33.7	mg/kg	Y	J	EPA 6010
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	4,4'-DDD	72-54-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	4,4'-DDE	72-55-9	0.018		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	4,4'-DDT	50-29-3	0.018		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Aldrin	309-00-2	0.0088		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	alpha-BHC	319-84-6	0.0088		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	alpha-Chlordane	5103-71-9	0.0088		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	beta-BHC	319-85-7	0.0088		mg/kg	N		EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Chlordane (total)	57-74-9	0.044		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	delta-BHC	319-86-8	0.0088		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Dieldrin	60-57-1	0.018		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Endosulfan I	959-98-8	0.0088		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Endosulfan II	33213-65-9	0.018		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Endosulfan sulfate	1031-07-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Endrin	72-20-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Endrin aldehyde	7421-93-4	0.018		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Endrin ketone	53494-70-5	0.018		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	gamma-BHC	58-89-9	0.0088		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	gamma-Chlordane	5103-74-2	0.0088		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Heptachlor	76-44-8	0.0088		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Heptachlor epoxide	1024-57-3	0.0088		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Hexachlorobenzene	118-74-1	0.22	0.22	mg/kg	Y		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Methoxychlor	72-43-5	0.087		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Toxaphene	8001-35-2	0.18		mg/kg	N		EPA 8081
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	2-Methylnaphthalene	91-57-6	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Acenaphthene	83-32-9	0.0021		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Acenaphthylene	208-96-8	0.0015		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Anthracene	120-12-7	0.0024		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0014		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0023		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0025		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.0017		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Chrysene	218-01-9	0.002		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0016		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Fluoranthene	206-44-0	0.0029		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Fluorene	86-73-7	0.0014		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Naphthalene	91-20-3	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Phenanthrene	85-01-8	0.0036		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Pyrene	129-00-0	0.002		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	RAD	Radium-226	Ra-226	0.678	0.678	pCi/g	Y	J	EPA 903.1 MOD
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	RAD	Radium-228	Ra-228	0.889	0.889	pCi/g	Y		EPA 904.0 MOD
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	RAD	Thorium-228	Th-228	1.52	1.52	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	RAD	Thorium-230	Th-230	0.954	0.954	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	RAD	Thorium-232	Th-232	1.54	1.54	pCi/g	Y	J	DOE EML HASL-300
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	RAD	Uranium-234	U-234	0.755	0.755	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	RAD	Uranium-235	U-235	0.0316	0.0316	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	RAD	Uranium-238	U-238	0.747	0.747	pCi/g	Y		DOE EML HASL-300
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	1,4-Dioxane	123-91-1	0.01		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.27		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0047		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	Diethylphthalate	84-66-2	0.24		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	Dimethylphthalate	131-11-3	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.069	0.069	mg/kg	Y	J	EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0022		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00076		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	Nitrobenzene	98-95-3	0.0036		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	Octachlorostyrene	29082-74-4	0.08	0.08	mg/kg	Y	J	EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	SVOCs	Pyridine	110-86-1	0.054		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	TPH	Oil Range Organics	TPH-MOTOR	41		mg/kg	N		EPA 8015B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	41		mg/kg	N		EPA 8015B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00073		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00054		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00077		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0007		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.0006		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	2-Butanone	78-93-3	0.00077		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	2-Chlorotoluene	95-49-8	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	2-Hexanone	591-78-6	0.00071		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	4-Chlorotoluene	106-43-4	0.00055		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00066		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Acetone	67-64-1	0.0054	0.0054	mg/kg	Y	J	EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Benzene	71-43-2	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Bromobenzene	108-86-1	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Bromochloromethane	74-97-5	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Bromodichloromethane	75-27-4	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Bromoform	75-25-2	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Bromomethane	74-83-9	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Carbon tetrachloride	56-23-5	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Chlorobenzene	108-90-7	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Chloroethane	75-00-3	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Chloroform	67-66-3	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Chloromethane	74-87-3	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Cumene	98-82-8	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Dibromochloromethane	124-48-1	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Dibromomethane	74-95-3	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00053		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Diisopropyl ether	108-20-3	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Ethyl benzene	100-41-4	0.00089		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	m,p-Xylene	179601-23-1	0.00064		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Methylene Chloride	75-09-2	0.0018	0.0018	mg/kg	Y	J	EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	n-Butylbenzene	104-51-8	0.00059		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	n-Propylbenzene	103-65-1	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	o-Xylene	95-47-6	0.00064		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	p-Cymene	99-87-6	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	sec-Butylbenzene	135-98-8	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Styrene	100-42-5	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00012		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	tert Butyl alcohol	75-65-0	0.0071		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	tert-Butylbenzene	98-06-6	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Tetrachloroethene	127-18-4	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Toluene	108-88-3	0.0013	0.0013	mg/kg	Y	J	EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Trichloroethene	79-01-6	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	VOCs	Vinyl chloride	75-01-4	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00005	0.00005	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000027	0.0000027	mg/kg	Y	J	EPA 8290
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00002	0.00002	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000018	0.0000018	mg/kg	Y	J	EPA 8290
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000081	0.0000081	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000057	0.0000057	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000025	0.00000025	mg/kg	Y	J+	EPA 8290
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000053	0.0000053	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000054	0.00000054	mg/kg	Y	J	EPA 8290
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000001	0.000001	mg/kg	Y	J	EPA 8290
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000037	0.00000037	mg/kg	Y	J	EPA 8290
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000043	0.0000043	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000025	0.00000025	mg/kg	Y	JK	EPA 8290
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000013	0.0000013	mg/kg	Y	J	EPA 8290
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000023	0.0000023	mg/kg	Y	J	EPA 8290
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000024	0.0000024	mg/kg	Y		EPA 8290
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000018	0.00000018	mg/kg	Y	J	EPA 8290
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	General Chemistry	Moisture	MOIST	1.4	1.4	percent	Y		ASTM 2216
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	OCPs	Hexachlorobenzene	118-74-1	0.028		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	PAHs	2-Methylnaphthalene	91-57-6	0.018		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	PAHs	Acenaphthene	83-32-9	0.0098		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	PAHs	Acenaphthylene	208-96-8	0.016		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	PAHs	Anthracene	120-12-7	0.016		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	PAHs	Benzo(a)anthracene	56-55-3	0.019		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	PAHs	Benzo(a)pyrene	50-32-8	0.019		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.025		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.015		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.038		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	PAHs	Chrysene	218-01-9	0.026		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.018		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	PAHs	Fluoranthene	206-44-0	0.034		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	PAHs	Fluorene	86-73-7	0.017		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.021		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	PAHs	Naphthalene	91-20-3	0.03		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	PAHs	Phenanthrene	85-01-8	0.016		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	SVOCs	1,4-Dioxane	123-91-1	0.063		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.044		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.041		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	SVOCs	Diethylphthalate	84-66-2	0.025		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	SVOCs	Dimethylphthalate	131-11-3	0.022		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.028		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.014		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	SVOCs	Nitrobenzene	98-95-3	0.021		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	SVOCs	Octachlorostyrene	29082-74-4	0.054		mg/kg	N		EPA 8270C
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	SVOCs	Pyridine	110-86-1	0.12		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Chlorine Oxyanions	Chlorate	14866-68-3	1.26	1.26	mg/kg	Y	J	EPA 300.1M
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	6.97	6.97	mg/kg	Y		EPA 314.0
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000509	0.0000509	mg/kg	Y		EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000508	0.00000508	mg/kg	Y	J	EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000177	0.0000177	mg/kg	Y		EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000194	0.00000194	mg/kg	Y	J	EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000776	0.00000776	mg/kg	Y		EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000086	0.0000086	mg/kg	Y		EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000155	0.000000155	mg/kg	Y	JK	EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000535	0.00000535	mg/kg	Y		EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000000537	0.000000537	mg/kg	Y	J	EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000000325		mg/kg	N		EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000599	0.000000599	mg/kg	Y	JK	EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000371	0.00000371	mg/kg	Y		EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000011		mg/kg	N		EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000126	0.00000126	mg/kg	Y	JK	EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000018	0.0000018	mg/kg	Y	J	EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000253	0.00000253	mg/kg	Y		EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000104		mg/kg	N		EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	HpCDD (total)	37871-00-4	0.0000031	0.0000031	mg/kg	Y		EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	HpCDF (total)	38998-75-3	0.0000375	0.0000375	mg/kg	Y		EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	HxCDD (total)	34465-46-8	0.00000251	0.00000251	mg/kg	Y		EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	HxCDF (total)	55684-94-1	0.0000388	0.0000388	mg/kg	Y		EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	PeCDD (total)	36088-22-9	0.00000281	0.00000281	mg/kg	Y		EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	PeCDF (total)	30402-15-4	0.0000345	0.0000345	mg/kg	Y		EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	TCDD (total)	41903-57-5	0.000002	0.000002	mg/kg	Y		EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Dioxins	TCDF (total)	30402-14-3	0.0000268	0.0000268	mg/kg	Y		EPA 8290
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	126	126	mg/kg	Y		SM 2320B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	General Chemistry	Bromide	24959-67-9	2		mg/kg	N		EPA 9056
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	General Chemistry	Chloride	16887-00-6	984	984	mg/kg	Y		EPA 9056
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	General Chemistry	Hydrogen carbonate	71-52-3	124	124	mg/kg	Y		SM 2320B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N		SM 5540C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	General Chemistry	Moisture	MOIST	3.1	3.1	percent	Y		EPA 3550C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	General Chemistry	Nitrate	14797-55-8	62	62	mg/kg	Y	J+	EPA 9056
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	General Chemistry	Nitrite	14797-65-0	1.3		mg/kg	N		EPA 9056
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	General Chemistry	pH	PH	8.26	8.26	SU	Y		EPA 9045D
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	General Chemistry	Sulfate	14808-79-8	298	298	mg/kg	Y	J+	EPA 9056
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	General Chemistry	Total Organic Carbon	TOC	1440	1440	mg/kg	Y		LLOYD KAHN
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Aluminum	7429-90-5	6450	6450	mg/kg	Y		EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Arsenic	7440-38-2	1.92	1.92	mg/kg	Y		EPA 6020
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Barium	7440-39-3	138	138	mg/kg	Y		EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Beryllium	7440-41-7	0.29	0.29	mg/kg	Y		EPA 6020
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Boron	7440-42-8	3.8	3.8	mg/kg	Y	J	EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Cadmium	7440-43-9	0.04	0.04	mg/kg	Y	J	EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Calcium	7440-70-2	62500	62500	mg/kg	Y		EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Chromium (total)	7440-47-3	3.48	3.48	mg/kg	Y		EPA 6020
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Chromium VI	18540-29-9	0.18		mg/kg	N		EPA 7199
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Cobalt	7440-48-4	4.6	4.6	mg/kg	Y	J	EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Copper	7440-50-8	13.9	13.9	mg/kg	Y		EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Iron	7439-89-6	10200	10200	mg/kg	Y		EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Lead	7439-92-1	6.9	6.9	mg/kg	Y		EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Magnesium	7439-95-4	6960	6960	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Manganese	7439-96-5	263	263	mg/kg	Y		EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Mercury	7439-97-6	0.012	0.012	mg/kg	Y	J	EPA 7471
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Molybdenum	7439-98-7	0.33	0.33	mg/kg	Y		EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Nickel	7440-02-0	13.2	13.2	mg/kg	Y		EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Phosphorus (total)	7723-14-0	1040	1040	mg/kg	Y		EPA 365.1M
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Platinum	7440-06-4	0.01		mg/kg	N		EPA 6020
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Potassium	7440-09-7	2140	2140	mg/kg	Y		EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Sodium	7440-23-5	813	813	mg/kg	Y		EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Strontium	7440-24-6	134	134	mg/kg	Y		EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Thallium	7440-28-0	0.072	0.072	mg/kg	Y		EPA 6020
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Tin	7440-31-5	3.4	3.4	mg/kg	Y	J	EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Titanium	7440-32-6	540	540	mg/kg	Y		EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Tungsten	7440-33-7	0.14	0.14	mg/kg	Y	J-	EPA 6020
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Uranium (total)	7440-61-1	0.615	0.615	mg/kg	Y		EPA 6020
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Vanadium	7440-62-2	28.4	28.4	mg/kg	Y		EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Metals	Zinc	7440-66-6	23.5	23.5	mg/kg	Y	J	EPA 6010
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	4,4'-DDE	72-55-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	Aldrin	309-00-2	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	alpha-BHC	319-84-6	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	alpha-Chlordane	5103-71-9	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	beta-BHC	319-85-7	0.006	0.006	mg/kg	Y		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	Chlordane (total)	57-74-9	0.0044		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	delta-BHC	319-86-8	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	Endosulfan I	959-98-8	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	Endrin	72-20-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	gamma-BHC	58-89-9	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	gamma-Chlordane	5103-74-2	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	Heptachlor	76-44-8	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	Hexachlorobenzene	118-74-1	0.012	0.012	mg/kg	Y		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	Methoxychlor	72-43-5	0.0087		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	Toxaphene	8001-35-2	0.018		mg/kg	N		EPA 8081
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Chlorpyrifos	2921-88-2	0.0067		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Coumaphos	56-72-4	0.0029		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Dasanit	115-90-2	0.0084		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Demeton-O	298-03-3	0.0055		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Demeton-S	126-75-0	0.005		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Diazinon	333-41-5	0.0075		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Dichlorovos	62-73-7	0.0076		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Dimethoate	60-51-5	0.0073		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Disulfoton	298-04-4	0.008		mg/kg	N	UJ	EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	EPN	2104-64-5	0.0038		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Ethoprop	13194-48-4	0.0051		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Famphur	52-85-7	0.0033		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Fenthion	55-38-9	0.009		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Guthion	86-50-0	0.0036		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Malathion	121-75-5	0.0048		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Merphos	150-50-5	0.0053		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Methyl parathion	298-00-0	0.0066		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Mevinphos	7786-34-7	0.0048		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Naled	300-76-5	0.023		mg/kg	N	UJ	EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Parathion	56-38-2	0.0055		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Phorate	298-02-2	0.0059		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Prothiophos	34643-46-4	0.004		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Ronnel	299-84-3	0.016		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Stirophos	22248-79-9	0.0045		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Sulfotepp	3689-24-5	0.0065		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Sulprofos	35400-43-2	0.0044		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Thionazin	297-97-2	0.0057		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OPPs	Trichloronate	327-98-0	0.0064		mg/kg	N		EPA 8141A
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Organics	4-Chlorobenzenesulfonic acid	98-66-8	0.25		mg/kg	N		HPLC-UV
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Organics	Benzenesulfonic acid	98-11-3	0.25		mg/kg	N		HPLC-UV
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Organics	Diethylphosphorodithioate	298-06-6	0.25		mg/kg	N		HPLC-UV
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Organics	o,o-Dimethyl Phosphorodithioate	756-80-9	1.3		mg/kg	N		HPLC-UV
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	Organics	Phthalic acid	88-99-3	0.25		mg/kg	N		HPLC-UV

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00057		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	PAHs	Acenaphthylene	208-96-8	0.00075		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	PAHs	Anthracene	120-12-7	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00058		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00068		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00084		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	PAHs	Chrysene	218-01-9	0.00099		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00078		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	PAHs	Fluorene	86-73-7	0.0007		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0009		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	PAHs	Naphthalene	91-20-3	0.001	0.001	mg/kg	Y	J	EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	PAHs	Phenanthrene	85-01-8	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	PAHs	Pyrene	129-00-0	0.00098		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	RAD	Radium-226	Ra-226	0.522	0.522	pCi/g	Y		EPA 903.1 MOD
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	RAD	Radium-228	Ra-228	1.37	1.37	pCi/g	Y		EPA 904.0 MOD
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	RAD	Thorium-228	Th-228	2.57	2.57	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	RAD	Thorium-230	Th-230	1.51	1.51	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	RAD	Thorium-232	Th-232	2.07	2.07	pCi/g	Y	J	DOE EML HASL-300
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	RAD	Uranium-234	U-234	0.861	0.861	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	RAD	Uranium-235	U-235	0.0287	0.0287	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	RAD	Uranium-238	U-238	0.839	0.839	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	SVOCs	1,4-Dioxane	123-91-1	0.005		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	SVOCs	Dimethylphthalate	131-11-3	0.0009		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.069	0.069	mg/kg	Y	J	EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00071		mg/kg	N	UJ	EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0036		mg/kg	N	UJ	EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	SVOCs	Pyridine	110-86-1	0.027		mg/kg	N		EPA 8270C
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	TPH	Oil Range Organics	TPH-MOTOR	41		mg/kg	N		EPA 8015B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	41		mg/kg	N		EPA 8015B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00031		mg/kg	N	UJ	EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00016		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00068		mg/kg	N	UJ	EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.0005		mg/kg	N	UJ	EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00072		mg/kg	N	UJ	EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00035		mg/kg	N	UJ	EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00065		mg/kg	N	UJ	EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00028		mg/kg	N	UJ	EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00047		mg/kg	N	UJ	EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00056		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	2-Butanone	78-93-3	0.00072		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	2-Chlorotoluene	95-49-8	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	2-Hexanone	591-78-6	0.00066		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	4-Chlorotoluene	106-43-4	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00062		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Acetone	67-64-1	0.024	0.024	mg/kg	Y		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Benzene	71-43-2	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Bromobenzene	108-86-1	0.00029		mg/kg	N	UJ	EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Bromochloromethane	74-97-5	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Bromodichloromethane	75-27-4	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Bromoform	75-25-2	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Bromomethane	74-83-9	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Carbon tetrachloride	56-23-5	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Chlorobenzene	108-90-7	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Chloroethane	75-00-3	0.00041		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Chloroform	67-66-3	0.00034	0.00034	mg/kg	Y	J	EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Chloromethane	74-87-3	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Cumene	98-82-8	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Dibromochloromethane	124-48-1	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Dibromomethane	74-95-3	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00049		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Diisopropyl ether	108-20-3	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Ethyl benzene	100-41-4	0.00083		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	m,p-Xylene	179601-23-1	0.0006		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Methylene Chloride	75-09-2	0.001	0.001	mg/kg	Y	J	EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	n-Butylbenzene	104-51-8	0.00055		mg/kg	N	UJ	EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	n-Propylbenzene	103-65-1	0.00037		mg/kg	N	UJ	EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	o-Xylene	95-47-6	0.0006		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	p-Cymene	99-87-6	0.00042		mg/kg	N	UJ	EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	sec-Butylbenzene	135-98-8	0.00043		mg/kg	N	UJ	EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Styrene	100-42-5	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	tert Butyl alcohol	75-65-0	0.0066		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	tert-Butylbenzene	98-06-6	0.00031		mg/kg	N	UJ	EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Tetrachloroethene	127-18-4	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Toluene	108-88-3	0.00096	0.00096	mg/kg	Y	J	EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Trichloroethene	79-01-6	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	VOCs	Vinyl chloride	75-01-4	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.381	0.381	mg/kg	Y		EPA 300.1M
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	13.8	13.8	mg/kg	Y		EPA 314.0M
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00093	0.00093	mg/kg	Y	J	EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000705	0.0000705	mg/kg	Y	J	EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000282	0.000282	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000312	0.0000312	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000115	0.000115	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000136	0.000136	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000042	0.0000042	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000774	0.0000774	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000825	0.00000825	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000102	0.0000102	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000819	0.00000819	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000517	0.0000517	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000509	0.00000509	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000401	0.0000401	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000274	0.0000274	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000272	0.0000272	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000156	0.00000156	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	HpCDD (total)	37871-00-4	0.000049	0.000049	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	HpCDF (total)	38998-75-3	0.000575	0.000575	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	HxCDD (total)	34465-46-8	0.0000625	0.0000625	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	HxCDF (total)	55684-94-1	0.000586	0.000586	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	PeCDD (total)	36088-22-9	0.0000555	0.0000555	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	PeCDF (total)	30402-15-4	0.000469	0.000469	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	TCDD (total)	41903-57-5	0.0000514	0.0000514	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Dioxins	TCDF (total)	30402-14-3	0.000357	0.000357	mg/kg	Y		EPA 8290
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	173	173	mg/kg	Y		SM 2320B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	General Chemistry	Chloride	16887-00-6	384	384	mg/kg	Y	J+	EPA 9056
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	General Chemistry	Cyanide (total)	57-12-5	0.5		mg/kg	N		EPA 9012A
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	General Chemistry	Hydrogen carbonate	71-52-3	173	173	mg/kg	Y		SM 2320B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.2		mg/kg	N	UJ	SM 5540C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	General Chemistry	Nitrate	14797-55-8	14.61428571	14.61428571	mg/kg	Y	J+	EPA 9056
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	General Chemistry	pH	PH	8.34	8.34	SU	Y		EPA 9045D
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	General Chemistry	Sulfate	14808-79-8	1470	1470	mg/kg	Y		EPA 9056
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	General Chemistry	Total Organic Carbon	TOC	1300	1300	mg/kg	Y		LLOYD KAHN
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Aluminum	7429-90-5	8860	8860	mg/kg	Y		EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Arsenic	7440-38-2	2.31	2.31	mg/kg	Y		EPA 6020
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Barium	7440-39-3	166	166	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Beryllium	7440-41-7	0.495	0.495	mg/kg	Y		EPA 6020
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Boron	7440-42-8	8	8	mg/kg	Y	J	EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Cadmium	7440-43-9	0.06	0.06	mg/kg	Y	J	EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Calcium	7440-70-2	33900	33900	mg/kg	Y	J	EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Chromium (total)	7440-47-3	8.15	8.15	mg/kg	Y		EPA 6020
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Cobalt	7440-48-4	8.7	8.7	mg/kg	Y		EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Copper	7440-50-8	22.2	22.2	mg/kg	Y		EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Iron	7439-89-6	16100	16100	mg/kg	Y		EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Lead	7439-92-1	11.9	11.9	mg/kg	Y	J	EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Magnesium	7439-95-4	10500	10500	mg/kg	Y		EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Manganese	7439-96-5	448	448	mg/kg	Y	J	EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Mercury	7439-97-6	0.021	0.021	mg/kg	Y		EPA 7471
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Molybdenum	7439-98-7	0.54	0.54	mg/kg	Y		EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Nickel	7440-02-0	15.9	15.9	mg/kg	Y	J+	EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Phosphorus (total)	7723-14-0	1110	1110	mg/kg	Y		EPA 365.1M
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Platinum	7440-06-4	0.008		mg/kg	N		EPA 6020
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Potassium	7440-09-7	2960	2960	mg/kg	Y		EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Sodium	7440-23-5	346	346	mg/kg	Y		EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Strontium	7440-24-6	128	128	mg/kg	Y		EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Thallium	7440-28-0	0.218	0.218	mg/kg	Y	J	EPA 6020
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Tin	7440-31-5	4.3	4.3	mg/kg	Y	J	EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Titanium	7440-32-6	770	770	mg/kg	Y	J	EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Tungsten	7440-33-7	0.41	0.41	mg/kg	Y	J-	EPA 6020
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Uranium (total)	7440-61-1	0.943	0.943	mg/kg	Y		EPA 6020
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Vanadium	7440-62-2	42.4	42.4	mg/kg	Y	J	EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	Metals	Zinc	7440-66-6	33.9	33.9	mg/kg	Y		EPA 6010
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	4,4'-DDD	72-54-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	4,4'-DDE	72-55-9	0.018		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	4,4'-DDT	50-29-3	0.018		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	Aldrin	309-00-2	0.0091		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	alpha-BHC	319-84-6	0.0091		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	alpha-Chlordane	5103-71-9	0.0091		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	beta-BHC	319-85-7	0.0091		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	Chlordane (total)	57-74-9	0.045		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	delta-BHC	319-86-8	0.0091		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	Dieldrin	60-57-1	0.018		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	Endosulfan I	959-98-8	0.0091		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	Endosulfan II	33213-65-9	0.018		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	Endosulfan sulfate	1031-07-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	Endrin	72-20-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	Endrin aldehyde	7421-93-4	0.018		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	Endrin ketone	53494-70-5	0.018		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	gamma-BHC	58-89-9	0.0091		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	gamma-Chlordane	5103-74-2	0.0091		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	Heptachlor	76-44-8	0.0091		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	Heptachlor epoxide	1024-57-3	0.0091		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	Hexachlorobenzene	118-74-1	0.046	0.046	mg/kg	Y		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	Methoxychlor	72-43-5	0.09		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	Toxaphene	8001-35-2	0.18		mg/kg	N		EPA 8081
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00059		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	PAHs	Acenaphthylene	208-96-8	0.00078		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0006		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00071		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00087		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00081		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	PAHs	Fluorene	86-73-7	0.00073		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00093		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	PAHs	Naphthalene	91-20-3	0.00089		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	RAD	Radium-226	Ra-226	0.5		pCi/g	N	UJ	EPA 903.1 MOD
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	RAD	Radium-228	Ra-228	1.72	1.72	pCi/g	Y		EPA 904.0 MOD
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	RAD	Thorium-228	Th-228	1.42	1.42	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	RAD	Thorium-230	Th-230	0.688	0.688	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	RAD	Thorium-232	Th-232	1.3	1.3	pCi/g	Y		DOE EML HASL-300

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	RAD	Uranium-234	U-234	1.06	1.06	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	RAD	Uranium-235	U-235	0.0836	0.0836	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	RAD	Uranium-238	U-238	1	1	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	SVOCs	1,4-Dioxane	123-91-1	0.0052		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	SVOCs	Dimethylphthalate	131-11-3	0.00094		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.035		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00055		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	SVOCs	Octachlorostyrene	29082-74-4	0.02	0.02	mg/kg	Y		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00016		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00012		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	1,1-Dichloropropene	563-58-6	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00053		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00039		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00056		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00039	0.00039	mg/kg	Y	J	EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	1,2-Dichloroethane	107-06-2	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	1,2-Dichloropropane	78-87-5	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00072	0.00072	mg/kg	Y	J	EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	2-Butanone	78-93-3	0.0016	0.0016	mg/kg	Y	J	EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	2-Chlorotoluene	95-49-8	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	2-Hexanone	591-78-6	0.00052		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	4-Chlorotoluene	106-43-4	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Acetone	67-64-1	0.017	0.017	mg/kg	Y	J+	EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Benzene	71-43-2	0.00016		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Bromobenzene	108-86-1	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Bromochloromethane	74-97-5	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Bromodichloromethane	75-27-4	0.00016		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Bromoform	75-25-2	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Bromomethane	74-83-9	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Carbon tetrachloride	56-23-5	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Chlorobenzene	108-90-7	0.0012	0.0012	mg/kg	Y	J	EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Chloroethane	75-00-3	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Chloroform	67-66-3	0.0077	0.0077	mg/kg	Y		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Chloromethane	74-87-3	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Cumene	98-82-8	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Dibromochloromethane	124-48-1	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Dibromomethane	74-95-3	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00039		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Diisopropyl ether	108-20-3	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Ethyl benzene	100-41-4	0.00065		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	m,p-Xylene	179601-23-1	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Methylene Chloride	75-09-2	0.001	0.001	mg/kg	Y	J	EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	n-Butylbenzene	104-51-8	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	n-Propylbenzene	103-65-1	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	o-Xylene	95-47-6	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	p-Cymene	99-87-6	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	sec-Butylbenzene	135-98-8	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Styrene	100-42-5	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	t-Amyl methyl ether	994-05-8	0.000081		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	tert Butyl alcohol	75-65-0	0.0076	0.0076	mg/kg	Y	J	EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	tert-Butylbenzene	98-06-6	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Tetrachloroethene	127-18-4	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Toluene	108-88-3	0.00026	0.00026	mg/kg	Y	J	EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Trichloroethene	79-01-6	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	VOCs	Vinyl chloride	75-01-4	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Chlorine Oxyanions	Chlorate	14866-68-3	3.94	3.94	mg/kg	Y		EPA 300.1
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	231	231	mg/kg	Y		EPA 314.0
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00218	0.00218	mg/kg	Y	J	EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000954	0.0000954	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000943	0.000943	mg/kg	Y	J	EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000805	0.0000805	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000447	0.000447	mg/kg	Y	J	EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00045	0.00045	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000123	0.0000123	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000265	0.000265	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000227	0.0000227	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000034	0.000034	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000258	0.0000258	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000154	0.000154	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000151	0.0000151	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000571	0.0000571	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000766	0.0000766	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000086	0.000086	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000427	0.00000427	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	HpCDD (total)	37871-00-4	0.000124	0.000124	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	HpCDF (total)	38998-75-3	0.00205	0.00205	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	HxCDD (total)	34465-46-8	0.000179	0.000179	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	HxCDF (total)	55684-94-1	0.00208	0.00208	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	PeCDD (total)	36088-22-9	0.000161	0.000161	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	PeCDF (total)	30402-15-4	0.0017	0.0017	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	TCDD (total)	41903-57-5	0.000158	0.000158	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Dioxins	TCDF (total)	30402-14-3	0.00146	0.00146	mg/kg	Y		EPA 8290
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	155	155	mg/kg	Y		SM 2320B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	General Chemistry	Chloride	16887-00-6	257	257	mg/kg	Y		EPA 9056
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	General Chemistry	Hydrogen carbonate	71-52-3	155	155	mg/kg	Y		SM 2320B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	General Chemistry	Methylene Blue Active Substances	MBAS	1.2	1.2	mg/kg	Y	J+	SM 5540C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	General Chemistry	Nitrate	14797-55-8	191.3142857	191.3142857	mg/kg	Y		EPA 9056
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	General Chemistry	pH	PH	8.44	8.44	SU	Y		EPA 9045D
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	General Chemistry	Sulfate	14808-79-8	1100	1100	mg/kg	Y		EPA 9056
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	General Chemistry	Total Organic Carbon	TOC	720	720	mg/kg	Y		LLOYD KAHN
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Aluminum	7429-90-5	10500	10500	mg/kg	Y		EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Arsenic	7440-38-2	2.55	2.55	mg/kg	Y		EPA 6020
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Barium	7440-39-3	197	197	mg/kg	Y		EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Beryllium	7440-41-7	0.531	0.531	mg/kg	Y		EPA 6020
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Boron	7440-42-8	6.7	6.7	mg/kg	Y	J	EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Calcium	7440-70-2	19200	19200	mg/kg	Y		EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Chromium (total)	7440-47-3	10.3	10.3	mg/kg	Y		EPA 6020
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Chromium VI	18540-29-9	0.18		mg/kg	N		EPA 7199
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Cobalt	7440-48-4	9.4	9.4	mg/kg	Y		EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Copper	7440-50-8	19.9	19.9	mg/kg	Y		EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Iron	7439-89-6	19700	19700	mg/kg	Y		EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Lead	7439-92-1	17.2	17.2	mg/kg	Y		EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Magnesium	7439-95-4	10100	10100	mg/kg	Y		EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Manganese	7439-96-5	550	550	mg/kg	Y		EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Mercury	7439-97-6	0.011	0.011	mg/kg	Y	J	EPA 7471
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Molybdenum	7439-98-7	0.63	0.63	mg/kg	Y	J	EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Nickel	7440-02-0	18.1	18.1	mg/kg	Y	J	EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Phosphorus (total)	7723-14-0	637	637	mg/kg	Y		EPA 365.1M
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Platinum	7440-06-4	0.02	0.02	mg/kg	Y	J	EPA 6020
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Potassium	7440-09-7	3340	3340	mg/kg	Y		EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Sodium	7440-23-5	959	959	mg/kg	Y		EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Strontium	7440-24-6	145	145	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Thallium	7440-28-0	0.135	0.135	mg/kg	Y		EPA 6020
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Tin	7440-31-5	4.5	4.5	mg/kg	Y	J	EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Titanium	7440-32-6	934	934	mg/kg	Y	J-	EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Tungsten	7440-33-7	0.22	0.22	mg/kg	Y	J-	EPA 6020
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Uranium (total)	7440-61-1	0.852	0.852	mg/kg	Y		EPA 6020
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Vanadium	7440-62-2	57.4	57.4	mg/kg	Y		EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	Metals	Zinc	7440-66-6	37.7	37.7	mg/kg	Y	J	EPA 6010
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	4,4'-DDE	72-55-9	0.0021	0.0021	mg/kg	Y	J	EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	Aldrin	309-00-2	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	alpha-BHC	319-84-6	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	alpha-Chlordane	5103-71-9	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	beta-BHC	319-85-7	0.015	0.015	mg/kg	Y		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	Chlordane (total)	57-74-9	0.0043		mg/kg	N		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	delta-BHC	319-86-8	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	Endosulfan I	959-98-8	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	Endrin	72-20-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	gamma-BHC	58-89-9	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	gamma-Chlordane	5103-74-2	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	Heptachlor	76-44-8	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	Hexachlorobenzene	118-74-1	0.013	0.013	mg/kg	Y		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	Methoxychlor	72-43-5	0.0086		mg/kg	N		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	Toxaphene	8001-35-2	0.018		mg/kg	N		EPA 8081
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00057		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	PAHs	Acenaphthylene	208-96-8	0.00074		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	PAHs	Anthracene	120-12-7	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00058		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00068		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00083		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	PAHs	Chrysene	218-01-9	0.00098		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00077		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	PAHs	Fluoranthene	206-44-0	0.0014		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	PAHs	Fluorene	86-73-7	0.00069		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00089		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	PAHs	Naphthalene	91-20-3	0.00085		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	PAHs	Phenanthrene	85-01-8	0.0021	0.0021	mg/kg	Y	J	EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	PAHs	Pyrene	129-00-0	0.0017	0.0017	mg/kg	Y	J	EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	RAD	Radium-226	Ra-226	0.618	0.618	pCi/g	Y		EPA 903.1 MOD
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	RAD	Radium-228	Ra-228	1.25	1.25	pCi/g	Y	J	EPA 904.0 MOD
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	RAD	Thorium-228	Th-228	1.47	1.47	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	RAD	Thorium-230	Th-230	1.08	1.08	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	RAD	Thorium-232	Th-232	1.64	1.64	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	RAD	Uranium-234	U-234	0.849	0.849	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	RAD	Uranium-235	U-235	0.0459	0.0459	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	RAD	Uranium-238	U-238	0.877	0.877	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	SVOCs	1,4-Dioxane	123-91-1	0.005		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.13		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	SVOCs	Dimethylphthalate	131-11-3	0.00089		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.046	0.046	mg/kg	Y	J	EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00085		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	SVOCs	Octachlorostyrene	29082-74-4	0.011	0.011	mg/kg	Y	J	EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	SVOCs	Pyridine	110-86-1	0.027		mg/kg	N		EPA 8270C
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	TPH	Oil Range Organics	TPH-MOTOR	41		mg/kg	N		EPA 8015B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	41		mg/kg	N		EPA 8015B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00036		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00081		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.0006		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00086		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00078		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00039		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	1,2-Dichloroethane	107-06-2	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	1,2-Dichloropropane	78-87-5	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00055		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00067		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	2-Butanone	78-93-3	0.00086		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	2-Chlorotoluene	95-49-8	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	2-Hexanone	591-78-6	0.00079		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	4-Chlorotoluene	106-43-4	0.00061		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00073		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Acetone	67-64-1	0.0071	0.0071	mg/kg	Y	J	EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Benzene	71-43-2	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Bromobenzene	108-86-1	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Bromochloromethane	74-97-5	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Bromodichloromethane	75-27-4	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Bromoform	75-25-2	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Bromomethane	74-83-9	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Carbon tetrachloride	56-23-5	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Chlorobenzene	108-90-7	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Chloroethane	75-00-3	0.00049		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Chloroform	67-66-3	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Chloromethane	74-87-3	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Cumene	98-82-8	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Dibromochloromethane	124-48-1	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Dibromomethane	74-95-3	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00059		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Diisopropyl ether	108-20-3	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Ethyl benzene	100-41-4	0.00099		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	m,p-Xylene	179601-23-1	0.00071		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Methylene Chloride	75-09-2	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	n-Butylbenzene	104-51-8	0.00065		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	n-Propylbenzene	103-65-1	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	o-Xylene	95-47-6	0.00071		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	p-Cymene	99-87-6	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	sec-Butylbenzene	135-98-8	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Styrene	100-42-5	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00013		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	tert Butyl alcohol	75-65-0	0.0079		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	tert-Butylbenzene	98-06-6	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Tetrachloroethene	127-18-4	0.00055		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Toluene	108-88-3	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Trichloroethene	79-01-6	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	VOCs	Vinyl chloride	75-01-4	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.585	0.585	mg/kg	Y		EPA 300.1
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	77.1	77.1	mg/kg	Y		EPA 314.0
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00048	0.00048	mg/kg	Y		EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000183	0.0000183	mg/kg	Y		EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000178	0.000178	mg/kg	Y		EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000159	0.0000159	mg/kg	Y		EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000895	0.0000895	mg/kg	Y		EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000908	0.0000908	mg/kg	Y	JK	EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000901	0.00000901	mg/kg	Y	JK	EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000497	0.0000497	mg/kg	Y	JK	EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000597	0.00000597	mg/kg	Y		EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000916	0.00000916	mg/kg	Y		EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000727	0.00000727	mg/kg	Y	JK	EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000445	0.0000445	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000384	0.00000384	mg/kg	Y		EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000142	0.0000142	mg/kg	Y		EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000251	0.0000251	mg/kg	Y	JK	EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000184	0.0000184	mg/kg	Y		EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000875	0.000000875	mg/kg	Y	JK	EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	HpCDD (total)	37871-00-4	0.0000245	0.0000245	mg/kg	Y		EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	HpCDF (total)	38998-75-3	0.000267	0.000267	mg/kg	Y		EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	HxCDD (total)	34465-46-8	0.0000308	0.0000308	mg/kg	Y		EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	HxCDF (total)	55684-94-1	0.00025	0.00025	mg/kg	Y		EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	PeCDD (total)	36088-22-9	0.0000299	0.0000299	mg/kg	Y		EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	PeCDF (total)	30402-15-4	0.000447	0.000447	mg/kg	Y		EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	TCDD (total)	41903-57-5	0.0000351	0.0000351	mg/kg	Y		EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Dioxins	TCDF (total)	30402-14-3	0.00038	0.00038	mg/kg	Y		EPA 8290
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	123	123	mg/kg	Y		SM 2320B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	General Chemistry	Chloride	16887-00-6	102	102	mg/kg	Y		EPA 9056
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	General Chemistry	Cyanide (total)	57-12-5	0.5		mg/kg	N		EPA 9012A
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	General Chemistry	Hydrogen carbonate	71-52-3	122	122	mg/kg	Y		SM 2320B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	General Chemistry	Methylene Blue Active Substances	MBAS	1.8	1.8	mg/kg	Y	J+	SM 5540C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	General Chemistry	Nitrate	14797-55-8	38.66142857	38.66142857	mg/kg	Y		EPA 9056
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	General Chemistry	pH	PH	8.54	8.54	SU	Y		EPA 9045D
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	General Chemistry	Sulfate	14808-79-8	1190	1190	mg/kg	Y		EPA 9056
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	General Chemistry	Total Organic Carbon	TOC	1080	1080	mg/kg	Y		LLOYD KAHN
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Aluminum	7429-90-5	7550	7550	mg/kg	Y		EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Arsenic	7440-38-2	1.75	1.75	mg/kg	Y		EPA 6020
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Barium	7440-39-3	200	200	mg/kg	Y		EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Beryllium	7440-41-7	0.428	0.428	mg/kg	Y		EPA 6020
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Boron	7440-42-8	5	5	mg/kg	Y	J	EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Calcium	7440-70-2	16000	16000	mg/kg	Y		EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Chromium (total)	7440-47-3	6.18	6.18	mg/kg	Y		EPA 6020
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Chromium VI	18540-29-9	0.18		mg/kg	N		EPA 7199
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Cobalt	7440-48-4	7.1	7.1	mg/kg	Y		EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Copper	7440-50-8	19.6	19.6	mg/kg	Y		EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Iron	7439-89-6	15000	15000	mg/kg	Y		EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Lead	7439-92-1	7.2	7.2	mg/kg	Y		EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Magnesium	7439-95-4	8230	8230	mg/kg	Y		EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Manganese	7439-96-5	437	437	mg/kg	Y		EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Mercury	7439-97-6	0.01	0.01	mg/kg	Y	J	EPA 7471
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Molybdenum	7439-98-7	0.66	0.66	mg/kg	Y	J	EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Nickel	7440-02-0	15.3	15.3	mg/kg	Y	J	EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Phosphorus (total)	7723-14-0	1190	1190	mg/kg	Y		EPA 365.1M
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Platinum	7440-06-4	0.01		mg/kg	N		EPA 6020
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Potassium	7440-09-7	2110	2110	mg/kg	Y		EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Sodium	7440-23-5	666	666	mg/kg	Y		EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Strontium	7440-24-6	125	125	mg/kg	Y		EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Thallium	7440-28-0	0.082	0.082	mg/kg	Y		EPA 6020
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Tin	7440-31-5	4.3	4.3	mg/kg	Y	J	EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Titanium	7440-32-6	761	761	mg/kg	Y	J-	EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Tungsten	7440-33-7	0.15	0.15	mg/kg	Y	J-	EPA 6020
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Uranium (total)	7440-61-1	0.551	0.551	mg/kg	Y		EPA 6020
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Vanadium	7440-62-2	40.4	40.4	mg/kg	Y		EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	Metals	Zinc	7440-66-6	29.4	29.4	mg/kg	Y	J	EPA 6010
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	4,4'-DDE	72-55-9	0.0031	0.0031	mg/kg	Y	J	EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	4,4'-DDT	50-29-3	0.0055	0.0055	mg/kg	Y		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	Aldrin	309-00-2	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	alpha-BHC	319-84-6	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	alpha-Chlordane	5103-71-9	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	beta-BHC	319-85-7	0.01	0.01	mg/kg	Y		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	Chlordane (total)	57-74-9	0.0043		mg/kg	N		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	delta-BHC	319-86-8	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	Endosulfan I	959-98-8	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	Endrin	72-20-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N		EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	gamma-BHC	58-89-9	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	gamma-Chlordane	5103-74-2	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	Heptachlor	76-44-8	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00087		mg/kg	N		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	Hexachlorobenzene	118-74-1	0.0043	0.0043	mg/kg	Y		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	Methoxychlor	72-43-5	0.0086		mg/kg	N		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	Toxaphene	8001-35-2	0.018		mg/kg	N		EPA 8081
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00057		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	PAHs	Acenaphthylene	208-96-8	0.00074		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	PAHs	Anthracene	120-12-7	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00058		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00068		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00083		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	PAHs	Chrysene	218-01-9	0.00098		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00077		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	PAHs	Fluoranthene	206-44-0	0.0014		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	PAHs	Fluorene	86-73-7	0.00069		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00089		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	PAHs	Naphthalene	91-20-3	0.00085		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	PAHs	Phenanthrene	85-01-8	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	PAHs	Pyrene	129-00-0	0.00098		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	RAD	Radium-226	Ra-226	0.613	0.613	pCi/g	Y		EPA 903.1 MOD
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	RAD	Radium-228	Ra-228	1.42	1.42	pCi/g	Y	J	EPA 904.0 MOD
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	RAD	Thorium-228	Th-228	1.86	1.86	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	RAD	Thorium-230	Th-230	0.965	0.965	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	RAD	Thorium-232	Th-232	1.96	1.96	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	RAD	Uranium-234	U-234	0.767	0.767	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	RAD	Uranium-235	U-235	0.0469	0.0469	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	RAD	Uranium-238	U-238	0.905	0.905	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	SVOCs	1,4-Dioxane	123-91-1	0.005		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.13		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	SVOCs	Dimethylphthalate	131-11-3	0.00089		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.096	0.096	mg/kg	Y	J	EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00083		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0035		mg/kg	N	UJ	EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	SVOCs	Pyridine	110-86-1	0.027		mg/kg	N		EPA 8270C
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	TPH	Oil Range Organics	TPH-MOTOR	41		mg/kg	N		EPA 8015B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	41		mg/kg	N		EPA 8015B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	6.4		mg/kg	N		EPA 8015B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0008		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00059		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00085		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00077		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00055		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00066		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	2-Butanone	78-93-3	0.00085		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	2-Chlorotoluene	95-49-8	0.00049		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	2-Hexanone	591-78-6	0.00078		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	4-Chlorotoluene	106-43-4	0.0006		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00072		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Acetone	67-64-1	0.0075	0.0075	mg/kg	Y	J	EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Benzene	71-43-2	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Bromobenzene	108-86-1	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Bromochloromethane	74-97-5	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Bromodichloromethane	75-27-4	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Bromoform	75-25-2	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Bromomethane	74-83-9	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Carbon tetrachloride	56-23-5	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Chlorobenzene	108-90-7	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Chloroethane	75-00-3	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Chloroform	67-66-3	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Chloromethane	74-87-3	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Cumene	98-82-8	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Dibromochloromethane	124-48-1	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Dibromomethane	74-95-3	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00058		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Diisopropyl ether	108-20-3	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Ethyl benzene	100-41-4	0.00098		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	m,p-Xylene	179601-23-1	0.0007		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Methylene Chloride	75-09-2	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	n-Butylbenzene	104-51-8	0.00065		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	n-Propylbenzene	103-65-1	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	o-Xylene	95-47-6	0.0007		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	p-Cymene	99-87-6	0.00049		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	sec-Butylbenzene	135-98-8	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Styrene	100-42-5	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00013		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	tert Butyl alcohol	75-65-0	0.0078		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	tert-Butylbenzene	98-06-6	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Tetrachloroethene	127-18-4	0.00055		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Toluene	108-88-3	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Trichloroethene	79-01-6	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	VOCs	Vinyl chloride	75-01-4	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.239	0.239	mg/kg	Y		EPA 300.1
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.338	0.338	mg/kg	Y		EPA 314.0
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000895	0.0000895	mg/kg	Y		EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000378	0.00000378	mg/kg	Y	J	EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000231	0.0000231	mg/kg	Y		EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000199	0.00000199	mg/kg	Y	J	EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000101	0.0000101	mg/kg	Y		EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000956	0.00000956	mg/kg	Y		EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000207	0.000000207	mg/kg	Y	J	EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000652	0.00000652	mg/kg	Y		EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000000501	0.000000501	mg/kg	Y	J	EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000104	0.00000104	mg/kg	Y	J	EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000518	0.000000518	mg/kg	Y	J	EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000469	0.00000469	mg/kg	Y		EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000419	0.000000419	mg/kg	Y	J	EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000384	0.00000384	mg/kg	Y		EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000024	0.0000024	mg/kg	Y	J	EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000558	0.00000558	mg/kg	Y		EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	3.94E-08		mg/kg	N		EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	HpCDD (total)	37871-00-4	0.00000318	0.00000318	mg/kg	Y		EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	HpCDF (total)	38998-75-3	0.000049	0.000049	mg/kg	Y		EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	HxCDD (total)	34465-46-8	0.00000243	0.00000243	mg/kg	Y		EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	HxCDF (total)	55684-94-1	0.0000478	0.0000478	mg/kg	Y		EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	PeCDD (total)	36088-22-9	0.0000043	0.0000043	mg/kg	Y		EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	PeCDF (total)	30402-15-4	0.0000418	0.0000418	mg/kg	Y		EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	TCDD (total)	41903-57-5	0.00000265	0.00000265	mg/kg	Y		EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Dioxins	TCDF (total)	30402-14-3	0.00004	0.00004	mg/kg	Y		EPA 8290
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	312	312	mg/kg	Y		SM 2320B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	General Chemistry	Carbonate as CO3	3812-32-6	5	5	mg/kg	Y	J	SM 2320B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	General Chemistry	Chloride	16887-00-6	30.7	30.7	mg/kg	Y		EPA 9056
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	General Chemistry	Cyanide (total)	57-12-5	0.5		mg/kg	N		EPA 9012A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	General Chemistry	Hydrogen carbonate	71-52-3	307	307	mg/kg	Y		SM 2320B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2		mg/kg	N		SM 5540C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	General Chemistry	Nitrate	14797-55-8	21.08	21.08	mg/kg	Y		EPA 9056
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	General Chemistry	pH	PH	9.46	9.46	SU	Y		EPA 9045D
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	General Chemistry	Sulfate	14808-79-8	57.9	57.9	mg/kg	Y		EPA 9056
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	General Chemistry	Total Organic Carbon	TOC	850	850	mg/kg	Y	J-	LLOYD KAHN
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Aluminum	7429-90-5	9850	9850	mg/kg	Y		EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Arsenic	7440-38-2	2.11	2.11	mg/kg	Y		EPA 6020
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Barium	7440-39-3	232	232	mg/kg	Y		EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Beryllium	7440-41-7	0.459	0.459	mg/kg	Y		EPA 6020
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Boron	7440-42-8	13.7	13.7	mg/kg	Y		EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Calcium	7440-70-2	14800	14800	mg/kg	Y		EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Chromium (total)	7440-47-3	6.31	6.31	mg/kg	Y		EPA 6020
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Chromium VI	18540-29-9	0.18		mg/kg	N		EPA 7199
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Cobalt	7440-48-4	8.1	8.1	mg/kg	Y		EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Copper	7440-50-8	20.2	20.2	mg/kg	Y		EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Iron	7439-89-6	16700	16700	mg/kg	Y		EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Lead	7439-92-1	13.7	13.7	mg/kg	Y		EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Magnesium	7439-95-4	8940	8940	mg/kg	Y		EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Manganese	7439-96-5	615	615	mg/kg	Y		EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Mercury	7439-97-6	0.023	0.023	mg/kg	Y		EPA 7471
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Molybdenum	7439-98-7	2.32	2.32	mg/kg	Y	J	EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Nickel	7440-02-0	15.9	15.9	mg/kg	Y	J	EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Phosphorus (total)	7723-14-0	1060	1060	mg/kg	Y		EPA 365.1M
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Platinum	7440-06-4	0.02	0.02	mg/kg	Y	J	EPA 6020
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Potassium	7440-09-7	2830	2830	mg/kg	Y		EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Sodium	7440-23-5	522	522	mg/kg	Y		EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Strontium	7440-24-6	157	157	mg/kg	Y		EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Thallium	7440-28-0	0.123	0.123	mg/kg	Y		EPA 6020
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Tin	7440-31-5	4.5	4.5	mg/kg	Y	J	EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Titanium	7440-32-6	990	990	mg/kg	Y	J-	EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Tungsten	7440-33-7	4.3	4.3	mg/kg	Y	J-	EPA 6020
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Uranium (total)	7440-61-1	0.614	0.614	mg/kg	Y		EPA 6020
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Vanadium	7440-62-2	48.6	48.6	mg/kg	Y		EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	Metals	Zinc	7440-66-6	42.2	42.2	mg/kg	Y	J	EPA 6010
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	4,4'-DDD	72-54-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	4,4'-DDE	72-55-9	0.018		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	4,4'-DDT	50-29-3	0.018		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	Aldrin	309-00-2	0.0086		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	alpha-BHC	319-84-6	0.0086		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	alpha-Chlordane	5103-71-9	0.0086		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	beta-BHC	319-85-7	0.034	0.034	mg/kg	Y		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	Chlordane (total)	57-74-9	0.043		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	delta-BHC	319-86-8	0.0086		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	Dieldrin	60-57-1	0.018		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	Endosulfan I	959-98-8	0.0086		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	Endosulfan II	33213-65-9	0.018		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	Endosulfan sulfate	1031-07-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	Endrin	72-20-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	Endrin aldehyde	7421-93-4	0.018		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	Endrin ketone	53494-70-5	0.018		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	gamma-BHC	58-89-9	0.0086		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	gamma-Chlordane	5103-74-2	0.0086		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	Heptachlor	76-44-8	0.0086		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	Heptachlor epoxide	1024-57-3	0.0086		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	Hexachlorobenzene	118-74-1	0.039	0.039	mg/kg	Y		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	Methoxychlor	72-43-5	0.085		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	Toxaphene	8001-35-2	0.17		mg/kg	N		EPA 8081
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00056		mg/kg	N		EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PAHs	Acenaphthene	83-32-9	0.001		mg/kg	N		EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PAHs	Acenaphthylene	208-96-8	0.00074		mg/kg	N		EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PAHs	Anthracene	120-12-7	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0031	0.0031	mg/kg	Y	J	EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00067		mg/kg	N		EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0048	0.0048	mg/kg	Y	J	EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0044	0.0044	mg/kg	Y	J	EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.0037	0.0037	mg/kg	Y	J	EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PAHs	Chrysene	218-01-9	0.0061	0.0061	mg/kg	Y	J	EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00077		mg/kg	N		EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PAHs	Fluoranthene	206-44-0	0.0051	0.0051	mg/kg	Y	J	EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PAHs	Fluorene	86-73-7	0.00069		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0031	0.0031	mg/kg	Y	J	EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PAHs	Naphthalene	91-20-3	0.00084		mg/kg	N		EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PAHs	Phenanthrene	85-01-8	0.0041	0.0041	mg/kg	Y	J	EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PAHs	Pyrene	129-00-0	0.0048	0.0048	mg/kg	Y	J	EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Dichlorobiphenyl	25512-42-9	0.00063	0.00063	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Heptachlorobiphenyl	28655-71-2	0.000918	0.000918	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Hexachlorobiphenyl	26601-64-9	0.00492	0.00492	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Monochlorobiphenyl	27323-18-8	0.0000185	0.0000185	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Nonachlorobiphenyl	53742-07-7	0.000289	0.000289	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Octachlorobiphenyl	55722-26-4	0.000234	0.000234	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-001 (2-CB)	2051-60-7	0.00000581	0.00000581	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-002 (3-CB)	2051-61-8	0.00000334	0.00000334	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-003 (4-CB)	2051-62-9	0.00000929	0.00000929	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.0000151		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.00000401		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.00000413		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.00000383		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.00000415		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.00000607		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000598	0.000598	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.000004		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.0000214	0.0000214	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000252	0.0000252	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000196	0.0000196	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.00000518	0.00000518	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000177	0.0000177	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00000028		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00000182		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.00000428	0.00000428	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.00000356	0.00000356	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.0000523	0.0000523	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.000000296		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.00000545	0.00000545	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.00000161	0.00000161	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.0000111	0.0000111	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.000000326		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000205	0.00000205	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.00000694	0.00000694	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000195	0.000195	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.000000574		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.000000579		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.0000205	0.0000205	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.000000616		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.000000553		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.00000817	0.00000817	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.00000245	0.00000245	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.0000305	0.0000305	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.0000527	0.0000527	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.00000138	0.00000138	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.00000195	0.00000195	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.00000127	0.00000127	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.00000916	0.00000916	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.000000388		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.00000501	0.00000501	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.000000627	0.000000627	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.000000404		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.0000485	0.0000485	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.000186	0.000186	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.00000425	0.00000425	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.000114	0.000114	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.0000025	0.0000025	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.000494	0.000494	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.0000028	0.0000028	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.00000343	0.00000343	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.000000276		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000327	0.000327	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.00000201		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.0000428	0.0000428	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.00000943		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.00000935		mg/kg	N		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.0000183	0.0000183	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-117 (2,3,4',5,6-PeCB)	68194-11-6	0.0000157	0.0000157	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.000721	0.000721	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.00000936		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.00000916		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.00000609	0.00000609	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.00000975	0.00000975	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.00000196		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.0000939	0.0000939	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.0000188	0.0000188	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.000418	0.000418	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.0000131	0.0000131	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-134 (2,2',3,3',5,6-HxCB)	52704-70-8	0.0000676	0.0000676	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.000104	0.000104	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.0000847	0.0000847	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.000183	0.000183	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.00000279		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-143 (2,2',3,4,5,6'-HxCB)	68194-15-0	0.00000278		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.000048	0.000048	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.000114	0.000114	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.00000126		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.00000351	0.00000351	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.00000142	0.00000142	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.00000904	0.00000904	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.00000187	0.00000187	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.000135	0.000135	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.00000431	0.00000431	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.0000018		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.00000192		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.00000493	0.00000493	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.0000803	0.0000803	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.00000184		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.0000663	0.0000663	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.0000422	0.0000422	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.000126	0.000126	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0000253	0.0000253	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.0000909	0.0000909	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.00000946	0.00000946	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.0000167	0.0000167	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.0000492	0.0000492	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.0000183	0.0000183	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.0000313	0.0000313	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.00000409	0.00000409	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.00000458	0.00000458	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.000068	0.000068	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.000008	0.000008	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.00000214		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00000141	0.00000141	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.0000882	0.0000882	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.00000545	0.00000545	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.0000616	0.0000616	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.0000215	0.0000215	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.00000665	0.00000665	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.0000017		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.0000278	0.0000278	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.0000105	0.0000105	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.0000303	0.0000303	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.00000947	0.00000947	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.0000212	0.0000212	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.0000167	0.0000167	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.0000287	0.0000287	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.00000947	0.00000947	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.00000761	0.00000761	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.0000932	0.0000932	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.000122	0.000122	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.0000744	0.0000744	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCB-209 (DeCB)	2051-24-3	0.000906	0.000906	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 107+124	PCB107+124	0.0000314	0.0000314	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 110+115	PCB110+115	0.000966	0.000966	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 12+13	PCB12+13	0.00000398		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 128+166	PCB128+166	0.000248	0.000248	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 129+138+163	PCB129+138+163	0.0013	0.0013	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 135+151	PCB135+151	0.000237	0.000237	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 139+140	PCB139+140	0.0000212	0.0000212	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 147+149	PCB147+149	0.000638	0.000638	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 153+168	PCB153+168	0.000734	0.000734	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 156+157	PCB156+157	0.00025	0.00025	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 171+173	PCB171+173	0.0000436	0.0000436	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 18+30	PCB18+30	0.0000462	0.0000462	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 180+193	PCB180+193	0.000238	0.000238	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 198+199	PCB198+199	0.0000587	0.0000587	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 20+28	PCB20+28	0.00005	0.00005	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 21+33	PCB21+33	0.0000321	0.0000321	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 26+29	PCB26+29	0.00000954	0.00000954	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 40+41+71	PCB40+41+71	0.0000252	0.0000252	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 43+73	PCB43+73	0.000000644		mg/kg	N		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 44+47+65	PCB44+47+65	0.0000916	0.0000916	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 45+51	PCB45+51	0.00000713	0.00000713	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 49+69	PCB49+69	0.0000457	0.0000457	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 50+53	PCB50+53	0.00000637	0.00000637	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 59+62+75	PCB59+62+75	0.00000378	0.00000378	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.00021	0.00021	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 83+99	PCB83+99	0.000278	0.000278	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 85+116	PCB85+116	0.0000975	0.0000975	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.000527	0.000527	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 88+91	PCB88+91	0.0000756	0.0000756	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 90+101+113	PCB90+101+113	0.00063	0.00063	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 93+100	PCB93+100	0.00000329	0.00000329	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	PCBs 98+102	PCB98+102	0.0000145	0.0000145	mg/kg	Y	J	EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Pentachlorobiphenyl	25429-29-2	0.00464	0.00464	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Tetrachlorobiphenyl	26914-33-0	0.000739	0.000739	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Total PCBs	TPCB	0.0136	0.0136	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Trichlorobiphenyl	25323-68-6	0.0003	0.0003	mg/kg	Y		EPA 1668A
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	RAD	Radium-226	Ra-226	0.755	0.755	pCi/g	Y		EPA 903.1 MOD
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	RAD	Radium-228	Ra-228	1.26	1.26	pCi/g	Y	J	EPA 904.0 MOD
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	RAD	Thorium-228	Th-228	2.24	2.24	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	RAD	Thorium-230	Th-230	0.944	0.944	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	RAD	Thorium-232	Th-232	1.69	1.69	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	RAD	Uranium-234	U-234	0.777	0.777	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	RAD	Uranium-235	U-235	0.0534	0.0534	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	RAD	Uranium-238	U-238	0.75	0.75	pCi/g	Y		DOE EML HASL-300
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	SVOCs	1,4-Dioxane	123-91-1	0.0049		mg/kg	N		EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.13		mg/kg	N		EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	SVOCs	Dimethylphthalate	131-11-3	0.00089		mg/kg	N		EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.033		mg/kg	N		EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.0011		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	SVOCs	Octachlorostyrene	29082-74-4	0.033	0.033	mg/kg	Y	J	EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	SVOCs	Pyridine	110-86-1	0.027		mg/kg	N		EPA 8270C
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	TPH	Oil Range Organics	TPH-MOTOR	41		mg/kg	N		EPA 8015B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	41		mg/kg	N		EPA 8015B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	5		mg/kg	N		EPA 8015B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00055		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00098		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00072		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0011		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00094		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00067		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.0008		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	2-Butanone	78-93-3	0.0011		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	2-Chlorotoluene	95-49-8	0.0006		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	2-Hexanone	591-78-6	0.00095		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	4-Chlorotoluene	106-43-4	0.00074		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00089		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Acetone	67-64-1	0.016	0.016	mg/kg	Y	J	EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Benzene	71-43-2	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Bromobenzene	108-86-1	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Bromochloromethane	74-97-5	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Bromodichloromethane	75-27-4	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Bromoform	75-25-2	0.00057		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Bromomethane	74-83-9	0.00061		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Carbon tetrachloride	56-23-5	0.00061		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Chlorobenzene	108-90-7	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Chloroethane	75-00-3	0.00059		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Chloroform	67-66-3	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Chloromethane	74-87-3	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Cumene	98-82-8	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Dibromochloromethane	124-48-1	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Dibromomethane	74-95-3	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00071		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Diisopropyl ether	108-20-3	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Ethyl benzene	100-41-4	0.0012		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	m,p-Xylene	179601-23-1	0.00086		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Methylene Chloride	75-09-2	0.0082	0.0082	mg/kg	Y		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	n-Butylbenzene	104-51-8	0.00079		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	n-Propylbenzene	103-65-1	0.00053		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	o-Xylene	95-47-6	0.00086		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	p-Cymene	99-87-6	0.0006		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	sec-Butylbenzene	135-98-8	0.00061		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Styrene	100-42-5	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00015		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	tert Butyl alcohol	75-65-0	0.0095		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	tert-Butylbenzene	98-06-6	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Tetrachloroethene	127-18-4	0.00067		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Toluene	108-88-3	0.0013	0.0013	mg/kg	Y	J	EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00049		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Trichloroethene	79-01-6	0.00055		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	VOCs	Vinyl chloride	75-01-4	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.044		mg/kg	N		EPA 300.1M
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.044		mg/kg	N		EPA 314.0M
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000366	0.0000366	mg/kg	Y		EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000175	0.00000175	mg/kg	Y	J	EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000141	0.0000141	mg/kg	Y		EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000133	0.00000133	mg/kg	Y	J	EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000521	0.00000521	mg/kg	Y		EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000722	0.00000722	mg/kg	Y		EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000264	0.000000264	mg/kg	Y	J	EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000044	0.0000044	mg/kg	Y		EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000000485	0.000000485	mg/kg	Y	J	EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000000764	0.000000764	mg/kg	Y	J	EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000525	0.000000525	mg/kg	Y	J	EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000343	0.00000343	mg/kg	Y		EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000353	0.000000353	mg/kg	Y	J	EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000234	0.00000234	mg/kg	Y	J	EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000018	0.0000018	mg/kg	Y	J	EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000285	0.00000285	mg/kg	Y		EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000157	0.000000157	mg/kg	Y	JK	EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	HpCDD (total)	37871-00-4	0.00000133	0.00000133	mg/kg	Y	J	EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	HpCDF (total)	38998-75-3	0.0000278	0.0000278	mg/kg	Y		EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	HxCDD (total)	34465-46-8	0.00000315	0.00000315	mg/kg	Y		EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	HxCDF (total)	55684-94-1	0.0000327	0.0000327	mg/kg	Y		EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	PeCDD (total)	36088-22-9	0.00000181	0.00000181	mg/kg	Y	J	EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	PeCDF (total)	30402-15-4	0.000032	0.000032	mg/kg	Y		EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	TCDD (total)	41903-57-5	0.00000266	0.00000266	mg/kg	Y		EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Dioxins	TCDF (total)	30402-14-3	0.0000292	0.0000292	mg/kg	Y		EPA 8290
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	545	545	mg/kg	Y		SM 2320B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Carbonate as CO3	3812-32-6	13	13	mg/kg	Y	J	SM 2320B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Chloride	16887-00-6	3.2	3.2	mg/kg	Y	J+	EPA 9056
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Cyanide (total)	57-12-5	0.5		mg/kg	N		EPA 9012A
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Hydrogen carbonate	71-52-3	533	533	mg/kg	Y		SM 2320B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.2		mg/kg	N	UJ	SM 5540C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Nitrate	14797-55-8	6.775714286	6.775714286	mg/kg	Y	J+	EPA 9056
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	pH	PH	9.39	9.39	SU	Y		EPA 9045D
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Sulfate	14808-79-8	8.2	8.2	mg/kg	Y	J+	EPA 9056
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Total Organic Carbon	TOC	2030	2030	mg/kg	Y		LLOYD KAHN
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Aluminum	7429-90-5	8610	8610	mg/kg	Y		EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Antimony	7440-36-0	0.6	0.6	mg/kg	Y	J	EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Arsenic	7440-38-2	1.75	1.75	mg/kg	Y		EPA 6020
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Barium	7440-39-3	152	152	mg/kg	Y		EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Beryllium	7440-41-7	0.415	0.415	mg/kg	Y		EPA 6020
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Boron	7440-42-8	8.7	8.7	mg/kg	Y	J	EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Cadmium	7440-43-9	0.11	0.11	mg/kg	Y		EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Calcium	7440-70-2	22000	22000	mg/kg	Y	J	EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Chromium (total)	7440-47-3	6.17	6.17	mg/kg	Y		EPA 6020
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Chromium VI	18540-29-9	0.2		mg/kg	N		EPA 7199
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Cobalt	7440-48-4	7.9	7.9	mg/kg	Y		EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Copper	7440-50-8	18.3	18.3	mg/kg	Y		EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Iron	7439-89-6	15600	15600	mg/kg	Y		EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Lead	7439-92-1	10.8	10.8	mg/kg	Y	J	EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Magnesium	7439-95-4	8730	8730	mg/kg	Y		EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Manganese	7439-96-5	439	439	mg/kg	Y	J	EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Mercury	7439-97-6	0.013	0.013	mg/kg	Y	J	EPA 7471
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Molybdenum	7439-98-7	0.51	0.51	mg/kg	Y		EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Nickel	7440-02-0	15.7	15.7	mg/kg	Y	J+	EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Phosphorus (total)	7723-14-0	1160	1160	mg/kg	Y		EPA 365.1M
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Platinum	7440-06-4	0.007		mg/kg	N		EPA 6020
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Potassium	7440-09-7	3780	3780	mg/kg	Y		EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Selenium	7782-49-2	0.8		mg/kg	N		EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Sodium	7440-23-5	376	376	mg/kg	Y		EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Strontium	7440-24-6	132	132	mg/kg	Y		EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Thallium	7440-28-0	0.124	0.124	mg/kg	Y	J	EPA 6020
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Tin	7440-31-5	4.8	4.8	mg/kg	Y	J	EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Titanium	7440-32-6	806	806	mg/kg	Y	J	EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Tungsten	7440-33-7	0.35	0.35	mg/kg	Y	J-	EPA 6020
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Uranium (total)	7440-61-1	0.68	0.68	mg/kg	Y		EPA 6020
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Vanadium	7440-62-2	41.6	41.6	mg/kg	Y	J	EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	Metals	Zinc	7440-66-6	33.7	33.7	mg/kg	Y		EPA 6010
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	4,4'-DDD	72-54-8	0.0019		mg/kg	N		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	4,4'-DDE	72-55-9	0.0019		mg/kg	N		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	4,4'-DDT	50-29-3	0.0025	0.0025	mg/kg	Y	J	EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	Aldrin	309-00-2	0.00091		mg/kg	N		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	alpha-BHC	319-84-6	0.00091		mg/kg	N		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	alpha-Chlordane	5103-71-9	0.00091		mg/kg	N		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	beta-BHC	319-85-7	0.015	0.015	mg/kg	Y		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	Chlordane (total)	57-74-9	0.0046		mg/kg	N		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	delta-BHC	319-86-8	0.00091		mg/kg	N		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	Dieldrin	60-57-1	0.0019		mg/kg	N		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	Endosulfan I	959-98-8	0.00091		mg/kg	N		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	Endosulfan II	33213-65-9	0.0019		mg/kg	N		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0019		mg/kg	N		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	Endrin	72-20-8	0.0019		mg/kg	N		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	Endrin aldehyde	7421-93-4	0.0019		mg/kg	N		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	Endrin ketone	53494-70-5	0.0019		mg/kg	N		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	gamma-BHC	58-89-9	0.00091		mg/kg	N		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	gamma-Chlordane	5103-74-2	0.00091		mg/kg	N		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	Heptachlor	76-44-8	0.00091		mg/kg	N		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00091		mg/kg	N		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	Hexachlorobenzene	118-74-1	0.0015	0.0015	mg/kg	Y	J	EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	Methoxychlor	72-43-5	0.0091		mg/kg	N		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	Toxaphene	8001-35-2	0.019		mg/kg	N		EPA 8081
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	PAHs	2-Methylnaphthalene	91-57-6	0.0006		mg/kg	N		EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	PAHs	Acenaphthylene	208-96-8	0.00078		mg/kg	N		EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0011	0.0011	mg/kg	Y	J	EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00071		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00088		mg/kg	N		EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	PAHs	Chrysene	218-01-9	0.0018	0.0018	mg/kg	Y	J	EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00081		mg/kg	N		EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	PAHs	Fluoranthene	206-44-0	0.0018	0.0018	mg/kg	Y	J	EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	PAHs	Fluorene	86-73-7	0.00073		mg/kg	N		EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00094		mg/kg	N		EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	PAHs	Naphthalene	91-20-3	0.00089		mg/kg	N		EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	PAHs	Phenanthrene	85-01-8	0.0022	0.0022	mg/kg	Y	J	EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	PAHs	Pyrene	129-00-0	0.0022	0.0022	mg/kg	Y	J	EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	RAD	Radium-226	Ra-226	0.5		pCi/g	N		EPA 903.1 MOD
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	RAD	Radium-228	Ra-228	1.5	1.5	pCi/g	Y		EPA 904.0 MOD
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	RAD	Thorium-228	Th-228	2.24	2.24	pCi/g	Y		DOE EML HASL-300
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	RAD	Thorium-230	Th-230	1.27	1.27	pCi/g	Y		DOE EML HASL-300
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	RAD	Thorium-232	Th-232	2.07	2.07	pCi/g	Y		DOE EML HASL-300
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	RAD	Uranium-234	U-234	0.828	0.828	pCi/g	Y		DOE EML HASL-300
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	RAD	Uranium-235	U-235	0.04		pCi/g	N		DOE EML HASL-300
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	RAD	Uranium-238	U-238	0.794	0.794	pCi/g	Y		DOE EML HASL-300
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	SVOCs	1,4-Dioxane	123-91-1	0.0052		mg/kg	N		EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	SVOCs	Dimethylphthalate	131-11-3	0.0025	0.0025	mg/kg	Y	J	EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.035		mg/kg	N		EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00077		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	SVOCs	Pyridine	110-86-1	0.029		mg/kg	N		EPA 8270C
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00074		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00054		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00078		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00071		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00061		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	2-Butanone	78-93-3	0.00078		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	2-Chlorotoluene	95-49-8	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	2-Hexanone	591-78-6	0.00072		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	4-Chlorotoluene	106-43-4	0.00055		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00067		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Acetone	67-64-1	0.0036	0.0036	mg/kg	Y	J	EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Benzene	71-43-2	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Bromobenzene	108-86-1	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Bromochloromethane	74-97-5	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Bromodichloromethane	75-27-4	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Bromoform	75-25-2	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Bromomethane	74-83-9	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Carbon tetrachloride	56-23-5	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Chlorobenzene	108-90-7	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Chloroethane	75-00-3	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Chloroform	67-66-3	0.0068	0.0068	mg/kg	Y		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Chloromethane	74-87-3	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Cumene	98-82-8	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Dibromochloromethane	124-48-1	0.00034		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Dibromomethane	74-95-3	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00053		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Diisopropyl ether	108-20-3	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Ethyl benzene	100-41-4	0.0009		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Formaldehyde	50-00-0	0.061	0.061	mg/kg	Y	J	EPA 8315A
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	m,p-Xylene	179601-23-1	0.00065		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Methylene Chloride	75-09-2	0.00039		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	n-Butylbenzene	104-51-8	0.0006		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	n-Propylbenzene	103-65-1	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	o-Xylene	95-47-6	0.00065		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	p-Cymene	99-87-6	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	sec-Butylbenzene	135-98-8	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Styrene	100-42-5	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00012		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	tert Butyl alcohol	75-65-0	0.0072		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	tert-Butylbenzene	98-06-6	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Tetrachloroethene	127-18-4	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Toluene	108-88-3	0.00042	0.00042	mg/kg	Y	J	EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Trichloroethene	79-01-6	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	VOCs	Vinyl chloride	75-01-4	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.045		mg/kg	N		EPA 300.1M
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.045		mg/kg	N		EPA 314.0M
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000033	0.0000033	mg/kg	Y	J	EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000000743	0.000000743	mg/kg	Y	J	EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00000138	0.00000138	mg/kg	Y	J	EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000000257	0.000000257	mg/kg	Y	J	EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000046	0.00000046	mg/kg	Y	J	EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000000547	0.000000547	mg/kg	Y	J	EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000045		mg/kg	N		EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000000331	0.000000331	mg/kg	Y	J	EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	9.86E-08	9.86E-08	mg/kg	Y	J	EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000000116	0.000000116	mg/kg	Y	JK	EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000173	0.000000173	mg/kg	Y	J	EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000000236	0.000000236	mg/kg	Y	J	EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	3.43E-08		mg/kg	N		EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	9.97E-08	9.97E-08	mg/kg	Y	JK	EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000000127	0.000000127	mg/kg	Y	J	EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	6.58E-08		mg/kg	N		EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	3.24E-08		mg/kg	N		EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	HpCDD (total)	37871-00-4	0.000000492	0.000000492	mg/kg	Y	J	EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	HpCDF (total)	38998-75-3	0.00000268	0.00000268	mg/kg	Y	J	EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	HxCDD (total)	34465-46-8	0.000000367	0.000000367	mg/kg	Y	J	EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	HxCDF (total)	55684-94-1	0.00000206	0.00000206	mg/kg	Y	J	EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	PeCDD (total)	36088-22-9	3.43E-08		mg/kg	N		EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	PeCDF (total)	30402-15-4	0.00000165	0.00000165	mg/kg	Y	J	EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	TCDD (total)	41903-57-5	3.24E-08		mg/kg	N		EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Dioxins	TCDF (total)	30402-14-3	0.000000264	0.000000264	mg/kg	Y	J	EPA 8290
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	382	382	mg/kg	Y		SM 2320B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Carbonate as CO3	3812-32-6	14	14	mg/kg	Y	J	SM 2320B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Chloride	16887-00-6	0.6		mg/kg	N		EPA 9056
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Hydrogen carbonate	71-52-3	368	368	mg/kg	Y		SM 2320B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.2		mg/kg	N	UJ	SM 5540C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Nitrate	14797-55-8	6.067142857	6.067142857	mg/kg	Y	J+	EPA 9056
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	pH	PH	9.35	9.35	SU	Y		EPA 9045D
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Sulfate	14808-79-8	8.4	8.4	mg/kg	Y	J+	EPA 9056
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	General Chemistry	Total Organic Carbon	TOC	790	790	mg/kg	Y		LLOYD KAHN
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Aluminum	7429-90-5	9220	9220	mg/kg	Y		EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Arsenic	7440-38-2	2.42	2.42	mg/kg	Y		EPA 6020
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Barium	7440-39-3	165	165	mg/kg	Y		EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Beryllium	7440-41-7	0.502	0.502	mg/kg	Y		EPA 6020
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Boron	7440-42-8	5.9	5.9	mg/kg	Y	J	EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Cadmium	7440-43-9	0.13	0.13	mg/kg	Y		EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Calcium	7440-70-2	56600	56600	mg/kg	Y	J	EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Chromium (total)	7440-47-3	6.25	6.25	mg/kg	Y		EPA 6020

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Chromium VI	18540-29-9	0.2		mg/kg	N		EPA 7199
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Cobalt	7440-48-4	7.7	7.7	mg/kg	Y		EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Copper	7440-50-8	19.4	19.4	mg/kg	Y		EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Iron	7439-89-6	14700	14700	mg/kg	Y		EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Lead	7439-92-1	8.6	8.6	mg/kg	Y	J	EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Magnesium	7439-95-4	9150	9150	mg/kg	Y		EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Manganese	7439-96-5	397	397	mg/kg	Y	J	EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Mercury	7439-97-6	0.014	0.014	mg/kg	Y	J	EPA 7471
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Molybdenum	7439-98-7	0.41	0.41	mg/kg	Y		EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Nickel	7440-02-0	16.2	16.2	mg/kg	Y	J+	EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Phosphorus (total)	7723-14-0	1190	1190	mg/kg	Y		EPA 365.1M
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Platinum	7440-06-4	0.008	0.008	mg/kg	Y	J	EPA 6020
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Potassium	7440-09-7	2660	2660	mg/kg	Y		EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Selenium	7782-49-2	0.8		mg/kg	N		EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Sodium	7440-23-5	419	419	mg/kg	Y		EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Strontium	7440-24-6	193	193	mg/kg	Y		EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Thallium	7440-28-0	0.094	0.094	mg/kg	Y	J	EPA 6020
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Tin	7440-31-5	4.2	4.2	mg/kg	Y	J	EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Titanium	7440-32-6	750	750	mg/kg	Y	J	EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Tungsten	7440-33-7	0.27	0.27	mg/kg	Y	J-	EPA 6020
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Uranium (total)	7440-61-1	0.963	0.963	mg/kg	Y		EPA 6020
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Vanadium	7440-62-2	40.1	40.1	mg/kg	Y	J	EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	Metals	Zinc	7440-66-6	32.3	32.3	mg/kg	Y		EPA 6010
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	4,4'-DDD	72-54-8	0.0019		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	4,4'-DDE	72-55-9	0.0019		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	4,4'-DDT	50-29-3	0.0019		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	Aldrin	309-00-2	0.00093		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	alpha-BHC	319-84-6	0.00093		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	alpha-Chlordane	5103-71-9	0.00093		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	beta-BHC	319-85-7	0.00093		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	Chlordane (total)	57-74-9	0.0046		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	delta-BHC	319-86-8	0.00093		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	Dieldrin	60-57-1	0.0019		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	Endosulfan I	959-98-8	0.00093		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	Endosulfan II	33213-65-9	0.0019		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0019		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	Endrin	72-20-8	0.0019		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	Endrin aldehyde	7421-93-4	0.0019		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	Endrin ketone	53494-70-5	0.0019		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	gamma-BHC	58-89-9	0.00093		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	gamma-Chlordane	5103-74-2	0.00093		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	Heptachlor	76-44-8	0.00093		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00093		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	Hexachlorobenzene	118-74-1	0.0023	0.0023	mg/kg	Y		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	Methoxychlor	72-43-5	0.0092		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	Toxaphene	8001-35-2	0.019		mg/kg	N		EPA 8081
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00061		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	PAHs	Acenaphthylene	208-96-8	0.0008		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00062		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00073		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0013		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00089		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00083		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	PAHs	Fluorene	86-73-7	0.00074		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00096		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	PAHs	Naphthalene	91-20-3	0.00091		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	PAHs	Phenanthrene	85-01-8	0.002		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	RAD	Radium-226	Ra-226	0.821	0.821	pCi/g	Y		EPA 903.1 MOD
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	RAD	Radium-228	Ra-228	1.7	1.7	pCi/g	Y		EPA 904.0 MOD
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	RAD	Thorium-228	Th-228	2.05	2.05	pCi/g	Y		DOE EML HASL-300
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	RAD	Thorium-230	Th-230	1.54	1.54	pCi/g	Y		DOE EML HASL-300
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	RAD	Thorium-232	Th-232	1.75	1.75	pCi/g	Y		DOE EML HASL-300
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	RAD	Uranium-234	U-234	1.06	1.06	pCi/g	Y		DOE EML HASL-300
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	RAD	Uranium-235	U-235	0.052		pCi/g	N		DOE EML HASL-300
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	RAD	Uranium-238	U-238	0.953	0.953	pCi/g	Y		DOE EML HASL-300
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	SVOCs	1,4-Dioxane	123-91-1	0.0053		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	SVOCs	Dimethylphthalate	131-11-3	0.0015	0.0015	mg/kg	Y	J	EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.036		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00062		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0038		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	SVOCs	Pyridine	110-86-1	0.029		mg/kg	N		EPA 8270C
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	TPH	Oil Range Organics	TPH-MOTOR	44		mg/kg	N		EPA 8015B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	44		mg/kg	N		EPA 8015B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00019		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00014		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00059		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00063		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00057		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00049		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	2-Butanone	78-93-3	0.00063		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	2-Chlorotoluene	95-49-8	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	2-Hexanone	591-78-6	0.00058		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	4-Chlorotoluene	106-43-4	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00054		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Acetone	67-64-1	0.0046	0.0046	mg/kg	Y	J	EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Benzene	71-43-2	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Bromobenzene	108-86-1	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Bromochloromethane	74-97-5	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Bromodichloromethane	75-27-4	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Bromoform	75-25-2	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Bromomethane	74-83-9	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Carbon tetrachloride	56-23-5	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Chlorobenzene	108-90-7	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Chloroethane	75-00-3	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Chloroform	67-66-3	0.0018	0.0018	mg/kg	Y	J	EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Chloromethane	74-87-3	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Cumene	98-82-8	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Dibromochloromethane	124-48-1	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Dibromomethane	74-95-3	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Diisopropyl ether	108-20-3	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Ethyl benzene	100-41-4	0.00072		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	m,p-Xylene	179601-23-1	0.00052		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Methylene Chloride	75-09-2	0.00045	0.00045	mg/kg	Y	J	EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	n-Butylbenzene	104-51-8	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	n-Propylbenzene	103-65-1	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	o-Xylene	95-47-6	0.00052		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	p-Cymene	99-87-6	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	sec-Butylbenzene	135-98-8	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Styrene	100-42-5	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00009		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	tert Butyl alcohol	75-65-0	0.0058		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	tert-Butylbenzene	98-06-6	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Tetrachloroethene	127-18-4	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Toluene	108-88-3	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0003		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Trichloroethene	79-01-6	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	VOCs	Vinyl chloride	75-01-4	0.00019		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.821	0.821	mg/kg	Y		EPA 300.1
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	10.2	10.2	mg/kg	Y		EPA 314.0
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000187	0.000187	mg/kg	Y	J+	EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000758	0.00000758	mg/kg	Y	J	EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000058	0.000058	mg/kg	Y		EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000436	0.00000436	mg/kg	Y		EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000316	0.0000316	mg/kg	Y		EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000292	0.0000292	mg/kg	Y		EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000637	0.000000637	mg/kg	Y	J	EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000168	0.0000168	mg/kg	Y		EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000131	0.00000131	mg/kg	Y	JK	EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000031		mg/kg	N		EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000118	0.00000118	mg/kg	Y	J	EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000138	0.0000138	mg/kg	Y		EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000108	0.00000108	mg/kg	Y	J	EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000506	0.00000506	mg/kg	Y		EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000079	0.0000079	mg/kg	Y		EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000285	0.00000285	mg/kg	Y		EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000506	0.000000506	mg/kg	Y	J	EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	HpCDD (total)	37871-00-4	0.00000708	0.00000708	mg/kg	Y		EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	HpCDF (total)	38998-75-3	0.000117	0.000117	mg/kg	Y		EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	HxCDD (total)	34465-46-8	0.00000734	0.00000734	mg/kg	Y		EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	HxCDF (total)	55684-94-1	0.000115	0.000115	mg/kg	Y		EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	PeCDD (total)	36088-22-9	0.0000117	0.0000117	mg/kg	Y		EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	PeCDF (total)	30402-15-4	0.0000941	0.0000941	mg/kg	Y		EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	TCDD (total)	41903-57-5	0.0000114	0.0000114	mg/kg	Y		EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Dioxins	TCDF (total)	30402-14-3	0.000122	0.000122	mg/kg	Y		EPA 8290
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	530	530	mg/kg	Y		SM 2320B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	General Chemistry	Carbonate as CO3	3812-32-6	21	21	mg/kg	Y	J	SM 2320B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	General Chemistry	Chloride	16887-00-6	47.7	47.7	mg/kg	Y		EPA 9056
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	General Chemistry	Hydrogen carbonate	71-52-3	509	509	mg/kg	Y		SM 2320B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	General Chemistry	Methylene Blue Active Substances	MBAS	3.3	3.3	mg/kg	Y		SM 5540C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	General Chemistry	Nitrate	14797-55-8	33.79	33.79	mg/kg	Y		EPA 9056
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	General Chemistry	pH	PH	9.46	9.46	SU	Y		EPA 9045D
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	General Chemistry	Sulfate	14808-79-8	234	234	mg/kg	Y		EPA 9056
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	General Chemistry	Total Organic Carbon	TOC	1000	1000	mg/kg	Y		LLOYD KAHN
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Aluminum	7429-90-5	9080	9080	mg/kg	Y		EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Arsenic	7440-38-2	1.77	1.77	mg/kg	Y		EPA 6020
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Barium	7440-39-3	170	170	mg/kg	Y		EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Beryllium	7440-41-7	0.454	0.454	mg/kg	Y		EPA 6020
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Boron	7440-42-8	7.3	7.3	mg/kg	Y	J	EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Cadmium	7440-43-9	0.08	0.08	mg/kg	Y	J	EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Calcium	7440-70-2	18200	18200	mg/kg	Y	J	EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Chromium (total)	7440-47-3	7.07	7.07	mg/kg	Y	J	EPA 6020
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Cobalt	7440-48-4	8.4	8.4	mg/kg	Y		EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Copper	7440-50-8	17.8	17.8	mg/kg	Y		EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Iron	7439-89-6	15400	15400	mg/kg	Y		EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Lead	7439-92-1	8.4	8.4	mg/kg	Y		EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Magnesium	7439-95-4	7550	7550	mg/kg	Y		EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Manganese	7439-96-5	403	403	mg/kg	Y		EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Mercury	7439-97-6	0.012	0.012	mg/kg	Y	J	EPA 7471
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Molybdenum	7439-98-7	0.41	0.41	mg/kg	Y		EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Nickel	7440-02-0	15.6	15.6	mg/kg	Y	J	EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Phosphorus (total)	7723-14-0	746	746	mg/kg	Y		EPA 365.1M
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Platinum	7440-06-4	0.009	0.009	mg/kg	Y	J	EPA 6020
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Potassium	7440-09-7	2350	2350	mg/kg	Y		EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Sodium	7440-23-5	980	980	mg/kg	Y	J	EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Strontium	7440-24-6	140	140	mg/kg	Y		EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Thallium	7440-28-0	0.114	0.114	mg/kg	Y		EPA 6020
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Tin	7440-31-5	4.2	4.2	mg/kg	Y	J	EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Titanium	7440-32-6	833	833	mg/kg	Y		EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Tungsten	7440-33-7	0.19	0.19	mg/kg	Y	J-	EPA 6020
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Uranium (total)	7440-61-1	0.785	0.785	mg/kg	Y		EPA 6020

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Vanadium	7440-62-2	44.6	44.6	mg/kg	Y		EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	Metals	Zinc	7440-66-6	33.8	33.8	mg/kg	Y	J	EPA 6010
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	4,4'-DDD	72-54-8	0.0035		mg/kg	N		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	4,4'-DDE	72-55-9	0.0035		mg/kg	N		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	4,4'-DDT	50-29-3	0.0036	0.0036	mg/kg	Y	J	EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	Aldrin	309-00-2	0.0018		mg/kg	N		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	alpha-BHC	319-84-6	0.0018		mg/kg	N		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	alpha-Chlordane	5103-71-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	beta-BHC	319-85-7	0.037	0.037	mg/kg	Y		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	Chlordane (total)	57-74-9	0.0087		mg/kg	N		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	delta-BHC	319-86-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	Dieldrin	60-57-1	0.0035		mg/kg	N		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	Endosulfan I	959-98-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	Endosulfan II	33213-65-9	0.0035		mg/kg	N		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0035		mg/kg	N		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	Endrin	72-20-8	0.0035		mg/kg	N		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	Endrin aldehyde	7421-93-4	0.0035		mg/kg	N		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	Endrin ketone	53494-70-5	0.0035		mg/kg	N		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	gamma-BHC	58-89-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	gamma-Chlordane	5103-74-2	0.0018		mg/kg	N		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	Heptachlor	76-44-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	Heptachlor epoxide	1024-57-3	0.0018		mg/kg	N		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	Hexachlorobenzene	118-74-1	0.0024	0.0024	mg/kg	Y	J	EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	Methoxychlor	72-43-5	0.018		mg/kg	N		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	Toxaphene	8001-35-2	0.035		mg/kg	N		EPA 8081
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00057		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	PAHs	Acenaphthylene	208-96-8	0.00075		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	PAHs	Anthracene	120-12-7	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00058		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00068		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00084		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	PAHs	Chrysene	218-01-9	0.00099		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00078		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	PAHs	Fluorene	86-73-7	0.0007		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0009		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	PAHs	Naphthalene	91-20-3	0.00085		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	PAHs	Phenanthrene	85-01-8	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	PAHs	Pyrene	129-00-0	0.00098		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	RAD	Radium-226	Ra-226	0.92	0.92	pCi/g	Y		EPA 903.1 MOD
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	RAD	Radium-228	Ra-228	1.17	1.17	pCi/g	Y	J	EPA 904.0 MOD
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	RAD	Thorium-228	Th-228	1.77	1.77	pCi/g	Y		DOE EML HASL-300
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	RAD	Thorium-230	Th-230	0.846	0.846	pCi/g	Y		DOE EML HASL-300
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	RAD	Thorium-232	Th-232	1.45	1.45	pCi/g	Y		DOE EML HASL-300
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	RAD	Uranium-234	U-234	0.888	0.888	pCi/g	Y		DOE EML HASL-300
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	RAD	Uranium-235	U-235	0.0653	0.0653	pCi/g	Y		DOE EML HASL-300
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	RAD	Uranium-238	U-238	0.905	0.905	pCi/g	Y		DOE EML HASL-300
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	SVOCs	1,4-Dioxane	123-91-1	0.005		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	SVOCs	Dimethylphthalate	131-11-3	0.0009		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.14	0.14	mg/kg	Y	J	EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00081		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0036		mg/kg	N	UJ	EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	SVOCs	Pyridine	110-86-1	0.027		mg/kg	N		EPA 8270C
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	TPH	Oil Range Organics	TPH-MOTOR	41		mg/kg	N		EPA 8015B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	41		mg/kg	N		EPA 8015B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00018		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00078		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00058		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00082		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0004		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00075		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00053		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00064		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	2-Butanone	78-93-3	0.00082		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	2-Chlorotoluene	95-49-8	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	2-Hexanone	591-78-6	0.00076		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	4-Chlorotoluene	106-43-4	0.00059		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.0007		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Acetone	67-64-1	0.0086	0.0086	mg/kg	Y	J	EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Benzene	71-43-2	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Bromobenzene	108-86-1	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Bromochloromethane	74-97-5	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Bromodichloromethane	75-27-4	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Bromoform	75-25-2	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Bromomethane	74-83-9	0.00049		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Carbon tetrachloride	56-23-5	0.00049		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Chlorobenzene	108-90-7	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Chloroethane	75-00-3	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Chloroform	67-66-3	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Chloromethane	74-87-3	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Cumene	98-82-8	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Dibromochloromethane	124-48-1	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Dibromomethane	74-95-3	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00056		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Diisopropyl ether	108-20-3	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Ethyl benzene	100-41-4	0.00095		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00026		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	m,p-Xylene	179601-23-1	0.00068		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Methylene Chloride	75-09-2	0.00079	0.00079	mg/kg	Y	J	EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	n-Butylbenzene	104-51-8	0.00063		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	n-Propylbenzene	103-65-1	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	o-Xylene	95-47-6	0.00068		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	p-Cymene	99-87-6	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	sec-Butylbenzene	135-98-8	0.00049		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Styrene	100-42-5	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00012		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	tert Butyl alcohol	75-65-0	0.0076		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	tert-Butylbenzene	98-06-6	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Tetrachloroethene	127-18-4	0.00053		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Toluene	108-88-3	0.00097	0.00097	mg/kg	Y	J	EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00039		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Trichloroethene	79-01-6	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	VOCs	Vinyl chloride	75-01-4	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAN6	RSAN6-1BPC	0.5-1.5	N	--	4/28/2010	Metals	Arsenic	7440-38-2	4.6	4.6	mg/kg	Y		EPA 6020
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0045	0.0045	mg/kg	Y	J	EPA 8290
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00035	0.00035	mg/kg	Y		EPA 8290
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0018	0.0018	mg/kg	Y	J	EPA 8290
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00018	0.00018	mg/kg	Y		EPA 8290
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0008	0.0008	mg/kg	Y		EPA 8290
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00066	0.00066	mg/kg	Y		EPA 8290
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000018	0.000018	mg/kg	Y		EPA 8290
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00053	0.00053	mg/kg	Y		EPA 8290
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000047	0.000047	mg/kg	Y		EPA 8290
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00008	0.00008	mg/kg	Y		EPA 8290
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000032	0.000032	mg/kg	Y		EPA 8290
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00046	0.00046	mg/kg	Y		EPA 8290
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000034	0.000034	mg/kg	Y		EPA 8290
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00015	0.00015	mg/kg	Y		EPA 8290
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00023	0.00023	mg/kg	Y		EPA 8290
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00027	0.00027	mg/kg	Y	J	EPA 8290
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	General Chemistry	Moisture	MOIST	1.3	1.3	percent	Y		ASTM 2216

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	General Chemistry	Moisture	MOIST	0.49	0.49	percent	Y		ASTM 2216
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	General Chemistry	Total Solids	RESTOT	99	99	percent	Y		ASTM 2216
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	OCPs	Hexachlorobenzene	118-74-1	0.088	0.088	mg/kg	Y	J	EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	PAHs	2-Methylnaphthalene	91-57-6	0.018		mg/kg	N		EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	PAHs	Acenaphthene	83-32-9	0.0099		mg/kg	N		EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	PAHs	Acenaphthylene	208-96-8	0.016		mg/kg	N		EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	PAHs	Anthracene	120-12-7	0.016		mg/kg	N		EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	PAHs	Benzo(a)anthracene	56-55-3	0.03	0.03	mg/kg	Y	J	EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	PAHs	Benzo(a)pyrene	50-32-8	0.022	0.022	mg/kg	Y	J	EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.064	0.064	mg/kg	Y	J	EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.022	0.022	mg/kg	Y	J	EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.039		mg/kg	N	UJ	EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	PAHs	Chrysene	218-01-9	0.043	0.043	mg/kg	Y	J	EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.018		mg/kg	N		EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	PAHs	Fluoranthene	206-44-0	0.067	0.067	mg/kg	Y	J	EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	PAHs	Fluorene	86-73-7	0.017		mg/kg	N		EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.021		mg/kg	N		EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	PAHs	Naphthalene	91-20-3	0.03		mg/kg	N		EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	PAHs	Phenanthrene	85-01-8	0.033	0.033	mg/kg	Y	J	EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	PAHs	Pyrene	129-00-0	0.061	0.061	mg/kg	Y	J	EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	SVOCs	1,4-Dioxane	123-91-1	0.064		mg/kg	N		EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.044		mg/kg	N		EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.041		mg/kg	N		EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	SVOCs	Diethylphthalate	84-66-2	0.025		mg/kg	N		EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	SVOCs	Dimethylphthalate	131-11-3	0.024	0.024	mg/kg	Y	J	EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.028		mg/kg	N		EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.014		mg/kg	N		EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	SVOCs	Nitrobenzene	98-95-3	0.021		mg/kg	N		EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	SVOCs	Octachlorostyrene	29082-74-4	0.055		mg/kg	N		EPA 8270C
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Chlorine Oxyanions	Chlorate	14866-68-3	0.0244		mg/kg	N		EPA 9056
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Chlorine Oxyanions	Perchlorate	14797-73-0	1.41	1.41	mg/kg	Y		EPA 314.0
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	General Chemistry	Alkalinity (as CaCO3)	ALKA	345	345	mg/kg	Y		SM 2320B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	General Chemistry	Ammonia	7664-41-7	0.412196235		mg/kg	N		EPA 350.1 MOD
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	General Chemistry	Bromide	24959-67-9	0.385		mg/kg	N		EPA 9056
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	General Chemistry	Carbonate as CO3	3812-32-6	0.689		mg/kg	N		SM 2320B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	General Chemistry	Cyanide (total)	57-12-5	0.218		mg/kg	N		EPA 9012A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	General Chemistry	Hydrogen carbonate	71-52-3	247	247	mg/kg	Y		SM 2320B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	General Chemistry	Methylene Blue Active Substances	MBAS	2.22		mg/kg	N		SM 5540C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	General Chemistry	Nitrate	14797-55-8	1.589857143		mg/kg	N		EPA 9056
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	General Chemistry	Nitrite	14797-65-0	0.001		mg/kg	N		EPA 9056
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	General Chemistry	pH	PH	8.82	8.82	SU	Y		EPA 9045C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	General Chemistry	Sulfate	14808-79-8	336	336	mg/kg	Y		EPA 9056
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	General Chemistry	Total Organic Carbon	TOC	1270	1270	mg/kg	Y		LLOYD KAHN
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Aluminum	7429-90-5	11400	11400	mg/kg	Y		EPA 6010B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Antimony	7440-36-0	0.13	0.13	mg/kg	Y	J-	EPA 6020
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Arsenic	7440-38-2	2.34	2.34	mg/kg	Y		EPA 6020
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Barium	7440-39-3	258	258	mg/kg	Y	J	EPA 6010B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Beryllium	7440-41-7	0.465	0.465	mg/kg	Y		EPA 6020
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Boron	7440-42-8	6.1	6.1	mg/kg	Y		EPA 6010B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Cadmium	7440-43-9	0.15	0.15	mg/kg	Y		EPA 6020
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Calcium	7440-70-2	31100	31100	mg/kg	Y		EPA 6010B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Chromium (total)	7440-47-3	7.22	7.22	mg/kg	Y		EPA 6020
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Chromium VI	18540-29-9	0.101		mg/kg	N		EPA 7199
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Cobalt	7440-48-4	6.63	6.63	mg/kg	Y	J	EPA 6010B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Copper	7440-50-8	15	15	mg/kg	Y		EPA 6010B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Iron	7439-89-6	16400	16400	mg/kg	Y		EPA 6010B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Lead	7439-92-1	9.08	9.08	mg/kg	Y		EPA 6020
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Magnesium	7439-95-4	10900	10900	mg/kg	Y		EPA 6010B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Manganese	7439-96-5	506	506	mg/kg	Y		EPA 6010B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Mercury	7439-97-6	0.016	0.016	mg/kg	Y	J	EPA 7471A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Molybdenum	7439-98-7	0.33	0.33	mg/kg	Y		EPA 6020
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Nickel	7440-02-0	13.6	13.6	mg/kg	Y	J	EPA 6020
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Phosphorus (total)	7723-14-0	1300	1300	mg/kg	Y		EPA 365.1
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Platinum	7440-06-4	0.021		mg/kg	N		EPA 6020
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Potassium	7440-09-7	2920	2920	mg/kg	Y		EPA 6010B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Selenium	7782-49-2	0.9		mg/kg	N		EPA 6020
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Silver	7440-22-4	0.034	0.034	mg/kg	Y		EPA 6020
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Sodium	7440-23-5	922	922	mg/kg	Y		EPA 6010B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Strontium	7440-24-6	252	252	mg/kg	Y		EPA 6010B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Thallium	7440-28-0	0.101	0.101	mg/kg	Y		EPA 6020
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Tin	7440-31-5	10.7	10.7	mg/kg	Y	J	EPA 6010B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Titanium	7440-32-6	732	732	mg/kg	Y		EPA 6010B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Tungsten	7440-33-7	0.23	0.23	mg/kg	Y	J-	EPA 6020

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Uranium (total)	7440-61-1	1.07	1.07	mg/kg	Y		EPA 6020
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Vanadium	7440-62-2	39	39	mg/kg	Y		EPA 6010B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	Metals	Zinc	7440-66-6	28.1	28.1	mg/kg	Y	J	EPA 6010B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	4,4'-DDD	72-54-8	0.00019		mg/kg	N		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	4,4'-DDE	72-55-9	0.0091	0.0091	mg/kg	Y		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	4,4'-DDT	50-29-3	0.0039	0.0039	mg/kg	Y		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	Aldrin	309-00-2	0.00007		mg/kg	N		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	alpha-BHC	319-84-6	0.00031		mg/kg	N		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	alpha-Chlordane	5103-71-9	0.00015		mg/kg	N		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	beta-BHC	319-85-7	0.044	0.044	mg/kg	Y		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	Chlordane (total)	57-74-9	0.0019		mg/kg	N		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	delta-BHC	319-86-8	0.000089		mg/kg	N		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	Dieldrin	60-57-1	0.00026		mg/kg	N		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	Endosulfan I	959-98-8	0.0001		mg/kg	N		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	Endosulfan II	33213-65-9	0.000091		mg/kg	N		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	Endosulfan sulfate	1031-07-8	0.00009		mg/kg	N		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	Endrin	72-20-8	0.00011		mg/kg	N		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	Endrin aldehyde	7421-93-4	0.00083		mg/kg	N		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	Endrin ketone	53494-70-5	0.00012		mg/kg	N		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	gamma-BHC	58-89-9	0.00012		mg/kg	N		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	gamma-Chlordane	5103-74-2	0.00012		mg/kg	N		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	Heptachlor	76-44-8	0.000088		mg/kg	N		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	Heptachlor epoxide	1024-57-3	0.00011		mg/kg	N		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	Hexachlorobenzene	118-74-1	0.0019	0.0019	mg/kg	Y	J	EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	Methoxychlor	72-43-5	0.00026		mg/kg	N		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	Toxaphene	8001-35-2	0.0097		mg/kg	N		EPA 8081
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PAHs	2-Methylnaphthalene	91-57-6	0.00223683		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PAHs	Acenaphthene	83-32-9	0.00119712		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PAHs	Acenaphthylene	208-96-8	0.00134267		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PAHs	Anthracene	120-12-7	0.001345		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PAHs	Benzo(a)anthracene	56-55-3	0.00139066		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PAHs	Benzo(a)pyrene	50-32-8	0.00102964		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PAHs	Benzo(b)fluoranthene	205-99-2	0.00178613		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PAHs	Benzo(g,h,i)perylene	191-24-2	0.00121686		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PAHs	Benzo(k)fluoranthene	207-08-9	0.0015734		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PAHs	Chrysene	218-01-9	0.0014038		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00137408		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PAHs	Fluoranthene	206-44-0	0.0010669		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PAHs	Fluorene	86-73-7	0.00281445		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0011823		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PAHs	Naphthalene	91-20-3	0.00117028		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PAHs	Phenanthrene	85-01-8	0.0029		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PAHs	Pyrene	129-00-0	0.00081337		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Aroclor-1016	12674-11-2	0.0091		mg/kg	N		EPA 8082
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Aroclor-1221	11104-28-2	0.028		mg/kg	N		EPA 8082
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Aroclor-1232	11141-16-5	0.011		mg/kg	N		EPA 8082
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Aroclor-1242	53469-21-9	0.018		mg/kg	N		EPA 8082
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Aroclor-1248	12672-29-6	0.019		mg/kg	N		EPA 8082
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Aroclor-1254	11097-69-1	0.0098		mg/kg	N		EPA 8082
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Aroclor-1260	11096-82-5	0.0086		mg/kg	N		EPA 8082
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Dichlorobiphenyl	25512-42-9	0.000367	0.000367	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Heptachlorobiphenyl	28655-71-2	0.00087	0.00087	mg/kg	Y		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Hexachlorobiphenyl	26601-64-9	0.00123	0.00123	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Monochlorobiphenyl	27323-18-8	0.0000159		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Nonachlorobiphenyl	53742-07-7	0.00071	0.00071	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Octachlorobiphenyl	55722-26-4	0.000942	0.000942	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-001 (2-CB)	2051-60-7	0.0000159		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-002 (3-CB)	2051-61-8	0.0000165		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-003 (4-CB)	2051-62-9	0.0000164		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000127		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.000019		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.0000196		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000182		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.0000187		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.0000197		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000582		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000367	0.000367	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.000019		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.0000154		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000117	0.0000117	mg/kg	Y	JK	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000111	0.0000111	mg/kg	Y	JK	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.00000556		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00000762	0.00000762	mg/kg	Y	JK	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00000272		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.00000276		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.00000278		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.0000468	0.0000468	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.00000718	0.00000718	mg/kg	Y	JK	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.00000309		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.00000356		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.00000299		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.0000285	0.0000285	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.00000339		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.00000281		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.00000403		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000378		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.00000832	0.00000832	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.0000852	0.0000852	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000345		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.00000275		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.0000176	0.0000176	mg/kg	Y	JK	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.00000292		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.00000262		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.0000161	0.0000161	mg/kg	Y	JK	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.00000283		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.0000228	0.0000228	mg/kg	Y	JK	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.0000468	0.0000468	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.00000253		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.00000255		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.00000278		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.00000281		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.0000031		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.00000257		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.00000243		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.00000266		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.0000159	0.0000159	mg/kg	Y	JK	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.0000292	0.0000292	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.00000167		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.0000313	0.0000313	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.00000163		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.000109	0.000109	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.0000012		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0000015		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.00000151		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.0000762	0.0000762	mg/kg	Y		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.00000269		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.0000136	0.0000136	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.000000585		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.00000058		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.00000233		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-117 (2,3,4',5,6-PeCB)	68194-11-6	0.000000609		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.000122	0.000122	mg/kg	Y		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.00000058		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.000000568		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.00000275		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.00000239		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.00000232		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.00000263		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.0000186	0.0000186	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.00000507		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.0000799	0.0000799	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.0000048		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-134 (2,2',3,3',5,6-HxCB)	52704-70-8	0.00000898	0.00000898	mg/kg	Y	JK	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.0000264	0.0000264	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.0000145	0.0000145	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.0000641	0.0000641	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.00000509		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-143 (2,2',3,4,5,6'-HxCB)	68194-15-0	0.00000508		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.0000127	0.0000127	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.000000348		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.000037	0.000037	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.000000501		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.000000338		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.00000036		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.000000409		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.000000444		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.0000315	0.0000315	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.0000038		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.0000133	0.0000133	mg/kg	Y	JK	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.0000035		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.00000143		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.0000206	0.0000206	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.00000335		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.0000151	0.0000151	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.00000146		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.0000997	0.0000997	mg/kg	Y		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0000231	0.0000231	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.0000526	0.0000526	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.0000103	0.0000103	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.0000139	0.0000139	mg/kg	Y	JK	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.0000499	0.0000499	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.0000221	0.0000221	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.0000424	0.0000424	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.0000036		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.0000054	0.0000054	mg/kg	Y	JK	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.0000846	0.0000846	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.0000046	0.0000046	mg/kg	Y	JK	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.0000114	0.0000114	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.000000889		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.00015	0.00015	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.000000984		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.00000678	0.00000678	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.000021	0.000021	mg/kg	Y	JK	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.00000511	0.00000511	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.00000654	0.00000654	mg/kg	Y	JK	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.000103	0.000103	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.0000351	0.0000351	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.0000761	0.0000761	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.0000163	0.0000163	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.0000262	0.0000262	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.000042	0.000042	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.000122	0.000122	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.000188	0.000188	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.000011	0.000011	mg/kg	Y	JK	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.0000102	0.0000102	mg/kg	Y	JK	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.000343	0.000343	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.000158	0.000158	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.000209	0.000209	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCB-209 (DeCB)	2051-24-3	0.00132	0.00132	mg/kg	Y		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 107+124	PCB107+124	0.0000094	0.0000094	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 110+115	PCB110+115	0.000199	0.000199	mg/kg	Y		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 12+13	PCB12+13	0.0000189		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 128+166	PCB128+166	0.0000541	0.0000541	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 129+138+163	PCB129+138+163	0.000307	0.000307	mg/kg	Y		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 135+151	PCB135+151	0.0000774	0.0000774	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 139+140	PCB139+140	0.0000041		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 147+149	PCB147+149	0.000168	0.000168	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 153+168	PCB153+168	0.000239	0.000239	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 156+157	PCB156+157	0.0000392	0.0000392	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 171+173	PCB171+173	0.0000316	0.0000316	mg/kg	Y	JK	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 18+30	PCB18+30	0.0000241	0.0000241	mg/kg	Y	JK	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 180+193	PCB180+193	0.000229	0.000229	mg/kg	Y		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 198+199	PCB198+199	0.000312	0.000312	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 20+28	PCB20+28	0.0000448	0.0000448	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 21+33	PCB21+33	0.0000269	0.0000269	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 26+29	PCB26+29	0.00000281		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 40+41+71	PCB40+41+71	0.0000185	0.0000185	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 43+73	PCB43+73	0.00000306		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 44+47+65	PCB44+47+65	0.000051	0.000051	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 45+51	PCB45+51	0.00000332		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 49+69	PCB49+69	0.00003	0.00003	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 50+53	PCB50+53	0.0000032		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 59+62+75	PCB59+62+75	0.00000266		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.0000994	0.0000994	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 83+99	PCB83+99	0.0000661	0.0000661	mg/kg	Y	JK	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 85+116	PCB85+116	0.0000501	0.0000501	mg/kg	Y		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.000119	0.000119	mg/kg	Y		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 88+91	PCB88+91	0.0000159	0.0000159	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 90+101+113	PCB90+101+113	0.000178	0.000178	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 93+100	PCB93+100	0.00000146		mg/kg	N		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	PCBs 98+102	PCB98+102	0.00000162		mg/kg	N		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Pentachlorobiphenyl	25429-29-2	0.00104	0.00104	mg/kg	Y		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Tetrachlorobiphenyl	26914-33-0	0.000396	0.000396	mg/kg	Y		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Total PCBs	TPCB	0.0071	0.0071	mg/kg	Y		EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Trichlorobiphenyl	25323-68-6	0.000228	0.000228	mg/kg	Y	J	EPA 1668A
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	RAD	Radium-226	Ra-226	1.78	1.78	pCi/g	Y	J-	EPA 903.1 MOD
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	RAD	Radium-228	Ra-228	0.694	0.694	pCi/g	Y		EPA 904.0 MOD
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	RAD	Thorium-228	Th-228	1.76	1.76	pCi/g	Y		DOE EML HASL-300
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	RAD	Thorium-230	Th-230	1.13	1.13	pCi/g	Y		DOE EML HASL-300
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	RAD	Thorium-232	Th-232	1.28	1.28	pCi/g	Y	J	DOE EML HASL-300
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	RAD	Uranium-234	U-234	0.841	0.841	pCi/g	Y		DOE EML HASL-300
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	RAD	Uranium-235	U-235	0.157	0.157	pCi/g	Y		DOE EML HASL-300
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	RAD	Uranium-238	U-238	0.729	0.729	pCi/g	Y		DOE EML HASL-300
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	SVOCs	1,4-Dioxane	123-91-1	0.00262796		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.0856071		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	SVOCs	Butylbenzylphthalate	85-68-7	0.00190026		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	SVOCs	Diethylphthalate	84-66-2	0.0093		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	SVOCs	Dimethylphthalate	131-11-3	0.00091269		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	SVOCs	Di-n-butylphthalate	84-74-2	0.160159		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	SVOCs	Di-n-octylphthalate	117-84-0	0.00080807		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	SVOCs	Hexachlorobutadiene	87-68-3	0.0006		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	SVOCs	Nitrobenzene	98-95-3	0.00122338		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	SVOCs	Octachlorostyrene	29082-74-4	0.00196341		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	SVOCs	Pyridine	110-86-1	0.0163531		mg/kg	N		EPA 8270C
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	TPH	Oil Range Organics	TPH-MOTOR	44		mg/kg	N		EPA 8015B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	44		mg/kg	N		EPA 8015B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	11		mg/kg	N		EPA 8015B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	1,1,1-Trichloroethane	71-55-6	0.0006		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	1,1,2-Trichloroethane	79-00-5	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	1,1-Dichloroethane	75-34-3	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	1,1-Dichloroethene	75-35-4	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	1,1-Dichloropropene	563-58-6	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0011		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	1,2,3-Trichloropropane	96-18-4	0.00095		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00094		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0007		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	1,2-Dibromoethane	106-93-4	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	1,2-Dichlorobenzene	95-50-1	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	1,2-Dichloroethane	107-06-2	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	1,2-Dichloropropane	78-87-5	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	1,3-Dichlorobenzene	541-73-1	0.00053		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	1,3-Dichloropropane	142-28-9	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	1,4-Dichlorobenzene	106-46-7	0.00057		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	2,2-Dichloropropane	594-20-7	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	2-Butanone	78-93-3	0.0018	0.0018	mg/kg	Y	J	EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	2-Chlorotoluene	95-49-8	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	2-Hexanone	591-78-6	0.00072		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	4-Chlorotoluene	106-43-4	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	4-Methyl-2-pentanone	108-10-1	0.00095		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Acetone	67-64-1	0.017	0.017	mg/kg	Y	J	EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Benzene	71-43-2	0.00019		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Bromobenzene	108-86-1	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Bromochloromethane	74-97-5	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Bromodichloromethane	75-27-4	0.00039		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Bromoform	75-25-2	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Bromomethane	74-83-9	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Carbon tetrachloride	56-23-5	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Chlorobenzene	108-90-7	0.0008	0.0008	mg/kg	Y	J	EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Chloroethane	75-00-3	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Chloroform	67-66-3	0.0023	0.0023	mg/kg	Y	J	EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Chloromethane	74-87-3	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00055		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Cumene	98-82-8	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Dibromochloromethane	124-48-1	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Dibromomethane	74-95-3	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Dichlorodifluoromethane	75-71-8	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Diisopropyl ether	108-20-3	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Ethyl benzene	100-41-4	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Ethyl tert-butyl ether	637-92-3	0.00038	0.00038	mg/kg	Y	J	EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	m,p-Xylene	179601-23-1	0.00078		mg/kg	N		EPA 8260B

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Methyl tert-butyl ether	1634-04-4	0.00019		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Methylene Chloride	75-09-2	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	n-Butylbenzene	104-51-8	0.00061		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	n-Propylbenzene	103-65-1	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	o-Xylene	95-47-6	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	p-Cymene	99-87-6	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	sec-Butylbenzene	135-98-8	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Styrene	100-42-5	0.00016		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	t-Amyl methyl ether	994-05-8	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	tert-Butylbenzene	98-06-6	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Tetrachloroethene	127-18-4	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Toluene	108-88-3	0.00051	0.00051	mg/kg	Y	J	EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Trichloroethene	79-01-6	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Trichlorofluoromethane	75-69-4	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	VOCs	Vinyl chloride	75-01-4	0.00068		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.042		mg/kg	N		EPA 300.1
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.042		mg/kg	N		EPA 314.0
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0128	0.0128	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000251	0.000251	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00393	0.00393	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000207	0.000207	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00184	0.00184	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00184	0.00184	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000029	0.000029	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00121	0.00121	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000531	0.0000531	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000145	0.000145	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000617	0.0000617	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000601	0.000601	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000036	0.000036	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000179	0.000179	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000271	0.000271	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000656	0.000656	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000126	0.0000126	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	HpCDD (total)	37871-00-4	0.00032	0.00032	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	HpCDF (total)	38998-75-3	0.00654	0.00654	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	HxCDD (total)	34465-46-8	0.000418	0.000418	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	HxCDF (total)	55684-94-1	0.00597	0.00597	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	PeCDD (total)	36088-22-9	0.000435	0.000435	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	PeCDF (total)	30402-15-4	0.00538	0.00538	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	TCDD (total)	41903-57-5	0.000435	0.000435	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Dioxins	TCDF (total)	30402-14-3	0.00454	0.00454	mg/kg	Y		EPA 8290
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	423	423	mg/kg	Y		SM 2320B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	General Chemistry	Carbonate as CO3	3812-32-6	17	17	mg/kg	Y	J	SM 2320B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	General Chemistry	Chloride	16887-00-6	14.6	14.6	mg/kg	Y	J+	EPA 9056
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	General Chemistry	Hydrogen carbonate	71-52-3	407	407	mg/kg	Y		SM 2320B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	UJ	SM 5540C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	General Chemistry	Nitrate	14797-55-8	12.79857143	12.79857143	mg/kg	Y	J+	EPA 9056
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	General Chemistry	pH	PH	9.63	9.63	SU	Y		EPA 9045D
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	General Chemistry	Sulfate	14808-79-8	68.5	68.5	mg/kg	Y	J+	EPA 9056
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	General Chemistry	Total Organic Carbon	TOC	2390	2390	mg/kg	Y	J-	LLOYD KAHN
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Aluminum	7429-90-5	8630	8630	mg/kg	Y		EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Arsenic	7440-38-2	2.12	2.12	mg/kg	Y		EPA 6020
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Barium	7440-39-3	164	164	mg/kg	Y		EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Beryllium	7440-41-7	0.494	0.494	mg/kg	Y		EPA 6020
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Boron	7440-42-8	5.6	5.6	mg/kg	Y	J	EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Cadmium	7440-43-9	0.08	0.08	mg/kg	Y	J	EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Calcium	7440-70-2	19800	19800	mg/kg	Y	J	EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Chromium (total)	7440-47-3	5.55	5.55	mg/kg	Y		EPA 6020
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Chromium VI	18540-29-9	0.18		mg/kg	N		EPA 7199
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Cobalt	7440-48-4	6.8	6.8	mg/kg	Y		EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Copper	7440-50-8	17.3	17.3	mg/kg	Y		EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Iron	7439-89-6	15000	15000	mg/kg	Y	J	EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Lead	7439-92-1	9.6	9.6	mg/kg	Y		EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Magnesium	7439-95-4	10100	10100	mg/kg	Y		EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Manganese	7439-96-5	374	374	mg/kg	Y	J	EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Mercury	7439-97-6	0.015	0.015	mg/kg	Y	J	EPA 7471
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Molybdenum	7439-98-7	0.51	0.51	mg/kg	Y		EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Nickel	7440-02-0	15	15	mg/kg	Y	J	EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Phosphorus (total)	7723-14-0	681	681	mg/kg	Y		EPA 365.1M
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Platinum	7440-06-4	0.01	0.01	mg/kg	Y	J	EPA 6020
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Potassium	7440-09-7	2810	2810	mg/kg	Y		EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Sodium	7440-23-5	360	360	mg/kg	Y		EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Strontium	7440-24-6	141	141	mg/kg	Y		EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Thallium	7440-28-0	0.116	0.116	mg/kg	Y		EPA 6020
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Tin	7440-31-5	4	4	mg/kg	Y	J	EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Titanium	7440-32-6	861	861	mg/kg	Y		EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Tungsten	7440-33-7	0.13	0.13	mg/kg	Y	J-	EPA 6020
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Uranium (total)	7440-61-1	1.14	1.14	mg/kg	Y		EPA 6020
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Vanadium	7440-62-2	45.4	45.4	mg/kg	Y		EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	Metals	Zinc	7440-66-6	31.1	31.1	mg/kg	Y	J	EPA 6010
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	4,4'-DDD	72-54-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	4,4'-DDE	72-55-9	0.018		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	4,4'-DDT	50-29-3	0.018		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	Aldrin	309-00-2	0.0087		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	alpha-BHC	319-84-6	0.0087		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	alpha-Chlordane	5103-71-9	0.0087		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	beta-BHC	319-85-7	0.16	0.16	mg/kg	Y		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	Chlordane (total)	57-74-9	0.044		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	delta-BHC	319-86-8	0.0087		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	Dieldrin	60-57-1	0.018		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	Endosulfan I	959-98-8	0.0087		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	Endosulfan II	33213-65-9	0.018		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	Endosulfan sulfate	1031-07-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	Endrin	72-20-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	Endrin aldehyde	7421-93-4	0.018		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	Endrin ketone	53494-70-5	0.018		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	gamma-BHC	58-89-9	0.0087		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	gamma-Chlordane	5103-74-2	0.0087		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	Heptachlor	76-44-8	0.0087		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	Heptachlor epoxide	1024-57-3	0.0087		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	Hexachlorobenzene	118-74-1	0.089	0.089	mg/kg	Y		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	Methoxychlor	72-43-5	0.087		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	Toxaphene	8001-35-2	0.18		mg/kg	N		EPA 8081
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00057		mg/kg	N		EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PAHs	Acenaphthylene	208-96-8	0.00075		mg/kg	N		EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PAHs	Anthracene	120-12-7	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0017	0.0017	mg/kg	Y	J	EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00068		mg/kg	N		EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00084		mg/kg	N		EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PAHs	Chrysene	218-01-9	0.0024	0.0024	mg/kg	Y	J	EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00078		mg/kg	N		EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PAHs	Fluorene	86-73-7	0.0007		mg/kg	N		EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0009		mg/kg	N		EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PAHs	Naphthalene	91-20-3	0.0014	0.0014	mg/kg	Y	J	EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PAHs	Phenanthrene	85-01-8	0.0031	0.0031	mg/kg	Y	J	EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PAHs	Pyrene	129-00-0	0.00099		mg/kg	N		EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PCBs	Aroclor-1016	12674-11-2	0.018		mg/kg	N		EPA 8082
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PCBs	Aroclor-1221	11104-28-2	0.04		mg/kg	N		EPA 8082
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PCBs	Aroclor-1232	11141-16-5	0.018		mg/kg	N		EPA 8082
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PCBs	Aroclor-1242	53469-21-9	0.027		mg/kg	N		EPA 8082
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PCBs	Aroclor-1248	12672-29-6	0.018		mg/kg	N		EPA 8082
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PCBs	Aroclor-1254	11097-69-1	0.018		mg/kg	N		EPA 8082
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PCBs	Aroclor-1260	11096-82-5	0.032		mg/kg	N		EPA 8082
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	RAD	Radium-226	Ra-226	1.36	1.36	pCi/g	Y	J	EPA 903.1 MOD
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	RAD	Radium-228	Ra-228	1.14	1.14	pCi/g	Y		EPA 904.0 MOD
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	RAD	Thorium-228	Th-228	1.93	1.93	pCi/g	Y		DOE EML HASL-300
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	RAD	Thorium-230	Th-230	1.18	1.18	pCi/g	Y		DOE EML HASL-300
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	RAD	Thorium-232	Th-232	1.72	1.72	pCi/g	Y	J	DOE EML HASL-300
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	RAD	Uranium-234	U-234	0.96	0.96	pCi/g	Y		DOE EML HASL-300
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	RAD	Uranium-235	U-235	0.0463	0.0463	pCi/g	Y		DOE EML HASL-300
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	RAD	Uranium-238	U-238	0.851	0.851	pCi/g	Y		DOE EML HASL-300
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	SVOCs	1,4-Dioxane	123-91-1	0.005		mg/kg	N		EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	SVOCs	Dimethylphthalate	131-11-3	0.0009		mg/kg	N		EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.091	0.091	mg/kg	Y	J	EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00076		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	SVOCs	Octachlorostyrene	29082-74-4	0.091	0.091	mg/kg	Y	J	EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	SVOCs	Pyridine	110-86-1	0.027		mg/kg	N		EPA 8270C
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	TPH	Oil Range Organics	TPH-MOTOR	41		mg/kg	N		EPA 8015B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	41		mg/kg	N		EPA 8015B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00017		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00073		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00054		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00077		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0007		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.0006		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	2-Butanone	78-93-3	0.00077		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	2-Chlorotoluene	95-49-8	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	2-Hexanone	591-78-6	0.00071		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	4-Chlorotoluene	106-43-4	0.00055		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00066		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Acetone	67-64-1	0.0033	0.0033	mg/kg	Y	J	EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Benzene	71-43-2	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Bromobenzene	108-86-1	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Bromochloromethane	74-97-5	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Bromodichloromethane	75-27-4	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Bromoform	75-25-2	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Bromomethane	74-83-9	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Carbon tetrachloride	56-23-5	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Chlorobenzene	108-90-7	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Chloroethane	75-00-3	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Chloroform	67-66-3	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Chloromethane	74-87-3	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Cumene	98-82-8	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Dibromochloromethane	124-48-1	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Dibromomethane	74-95-3	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00053		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Diisopropyl ether	108-20-3	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Ethyl benzene	100-41-4	0.00089		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	m,p-Xylene	179601-23-1	0.00064		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Methylene Chloride	75-09-2	0.0017	0.0017	mg/kg	Y	J	EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	n-Butylbenzene	104-51-8	0.00059		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	n-Propylbenzene	103-65-1	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	o-Xylene	95-47-6	0.00064		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	p-Cymene	99-87-6	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	sec-Butylbenzene	135-98-8	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Styrene	100-42-5	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00012		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	tert Butyl alcohol	75-65-0	0.0071		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	tert-Butylbenzene	98-06-6	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Tetrachloroethene	127-18-4	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Toluene	108-88-3	0.00084	0.00084	mg/kg	Y	J	EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00037		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Trichloroethene	79-01-6	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	VOCs	Vinyl chloride	75-01-4	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Chlorine Oxyanions	Chlorate	14866-68-3	662	662	mg/kg	Y		EPA 300.1
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	24.8	24.8	mg/kg	Y		EPA 314.0
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000261	0.000261	mg/kg	Y	J	EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000531	0.00000531	mg/kg	Y	J	EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000893	0.0000893	mg/kg	Y		EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000412	0.00000412	mg/kg	Y		EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000372	0.0000372	mg/kg	Y		EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000379	0.0000379	mg/kg	Y		EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000495	0.000000495	mg/kg	Y	J	EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000258	0.0000258	mg/kg	Y		EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000121	0.00000121	mg/kg	Y	J	EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000039	0.0000039	mg/kg	Y	JK	EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000137	0.00000137	mg/kg	Y	JK	EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000189	0.0000189	mg/kg	Y		EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000887	0.000000887	mg/kg	Y	J	EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000155	0.0000155	mg/kg	Y		EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000132	0.0000132	mg/kg	Y		EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000125	0.0000125	mg/kg	Y		EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000446	0.000000446	mg/kg	Y	JK	EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	HpCDD (total)	37871-00-4	0.00000693	0.00000693	mg/kg	Y		EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	HpCDF (total)	38998-75-3	0.000182	0.000182	mg/kg	Y		EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	HxCDD (total)	34465-46-8	0.00000816	0.00000816	mg/kg	Y		EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	HxCDF (total)	55684-94-1	0.000191	0.000191	mg/kg	Y		EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	PeCDD (total)	36088-22-9	0.0000113	0.0000113	mg/kg	Y		EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	PeCDF (total)	30402-15-4	0.00021	0.00021	mg/kg	Y		EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	TCDD (total)	41903-57-5	0.0000163	0.0000163	mg/kg	Y		EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Dioxins	TCDF (total)	30402-14-3	0.000219	0.000219	mg/kg	Y		EPA 8290
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	93	93	mg/kg	Y		SM 2320B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Ammonia	7664-41-7	0.644436591	0.644436591	mg/kg	Y		EPA 350.1
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Bromide	24959-67-9	0.9	0.9	mg/kg	Y	J	EPA 9056
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Chloride	16887-00-6	4070	4070	mg/kg	Y		EPA 9056
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Hydrogen carbonate	71-52-3	93	93	mg/kg	Y		SM 2320B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.4	2.4	mg/kg	Y	J+	SM 5540C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Nitrate	14797-55-8	203.7142857	203.7142857	mg/kg	Y		EPA 9056
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	pH	PH	9.91	9.91	SU	Y		EPA 9045D
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Sulfate	14808-79-8	3970	3970	mg/kg	Y		EPA 9056
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Total Organic Carbon	TOC	3500	3500	mg/kg	Y		LLOYD KAHN
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Aluminum	7429-90-5	8920	8920	mg/kg	Y		EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Arsenic	7440-38-2	2.34	2.34	mg/kg	Y		EPA 6020
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Barium	7440-39-3	176	176	mg/kg	Y		EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Beryllium	7440-41-7	0.386	0.386	mg/kg	Y		EPA 6020
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Boron	7440-42-8	10.2	10.2	mg/kg	Y	J	EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Calcium	7440-70-2	25700	25700	mg/kg	Y		EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Chromium (total)	7440-47-3	5.59	5.59	mg/kg	Y	J	EPA 6020
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Cobalt	7440-48-4	6.4	6.4	mg/kg	Y		EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Copper	7440-50-8	16.6	16.6	mg/kg	Y		EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Iron	7439-89-6	13400	13400	mg/kg	Y		EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Lead	7439-92-1	10.2	10.2	mg/kg	Y		EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Magnesium	7439-95-4	10300	10300	mg/kg	Y		EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Manganese	7439-96-5	340	340	mg/kg	Y		EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Mercury	7439-97-6	0.028	0.028	mg/kg	Y		EPA 7471
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Molybdenum	7439-98-7	0.47	0.47	mg/kg	Y		EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Nickel	7440-02-0	13.3	13.3	mg/kg	Y	J	EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Phosphorus (total)	7723-14-0	876	876	mg/kg	Y	J-	EPA 365.1M
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Platinum	7440-06-4	0.007		mg/kg	N		EPA 6020
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Potassium	7440-09-7	3280	3280	mg/kg	Y	J	EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Sodium	7440-23-5	2440	2440	mg/kg	Y		EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Strontium	7440-24-6	215	215	mg/kg	Y		EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Thallium	7440-28-0	0.102	0.102	mg/kg	Y		EPA 6020
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Tin	7440-31-5	4	4	mg/kg	Y	J	EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Titanium	7440-32-6	674	674	mg/kg	Y		EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Tungsten	7440-33-7	0.22	0.22	mg/kg	Y	J-	EPA 6020
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Uranium (total)	7440-61-1	0.918	0.918	mg/kg	Y	J	EPA 6020
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Vanadium	7440-62-2	37	37	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	Metals	Zinc	7440-66-6	30.7	30.7	mg/kg	Y		EPA 6010
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	4,4'-DDD	72-54-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	4,4'-DDE	72-55-9	0.018		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	4,4'-DDT	50-29-3	0.018		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	Aldrin	309-00-2	0.0088		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	alpha-BHC	319-84-6	0.0088		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	alpha-Chlordane	5103-71-9	0.0088		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	beta-BHC	319-85-7	0.0088		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	Chlordane (total)	57-74-9	0.044		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	delta-BHC	319-86-8	0.0088		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	Dieldrin	60-57-1	0.018		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	Endosulfan I	959-98-8	0.0088		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	Endosulfan II	33213-65-9	0.018		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	Endosulfan sulfate	1031-07-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	Endrin	72-20-8	0.018		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	Endrin aldehyde	7421-93-4	0.018		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	Endrin ketone	53494-70-5	0.018		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	gamma-BHC	58-89-9	0.0088		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	gamma-Chlordane	5103-74-2	0.0088		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	Heptachlor	76-44-8	0.0088		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	Heptachlor epoxide	1024-57-3	0.0088		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	Hexachlorobenzene	118-74-1	0.056	0.056	mg/kg	Y		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	Methoxychlor	72-43-5	0.087		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	Toxaphene	8001-35-2	0.18		mg/kg	N		EPA 8081
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	PAHs	2-Methylnaphthalene	91-57-6	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	PAHs	Acenaphthene	83-32-9	0.0021		mg/kg	N		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	PAHs	Acenaphthylene	208-96-8	0.0015		mg/kg	N		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	PAHs	Anthracene	120-12-7	0.0024		mg/kg	N		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	PAHs	Benzo(a)anthracene	56-55-3	0.019	0.019	mg/kg	Y		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	PAHs	Benzo(a)pyrene	50-32-8	0.015	0.015	mg/kg	Y		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.024	0.024	mg/kg	Y		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.014	0.014	mg/kg	Y	J	EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.018	0.018	mg/kg	Y		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	PAHs	Chrysene	218-01-9	0.03	0.03	mg/kg	Y		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0016		mg/kg	N		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	PAHs	Fluoranthene	206-44-0	0.033	0.033	mg/kg	Y		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	PAHs	Fluorene	86-73-7	0.0014		mg/kg	N		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.012	0.012	mg/kg	Y	J	EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	PAHs	Naphthalene	91-20-3	0.0021	0.0021	mg/kg	Y	J	EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	PAHs	Phenanthrene	85-01-8	0.012	0.012	mg/kg	Y	J	EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	PAHs	Pyrene	129-00-0	0.036	0.036	mg/kg	Y		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	RAD	Radium-226	Ra-226	0.605	0.605	pCi/g	Y		EPA 903.1 MOD
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	RAD	Radium-228	Ra-228	0.847	0.847	pCi/g	Y		EPA 904.0 MOD
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	RAD	Thorium-228	Th-228	2.66	2.66	pCi/g	Y	J	DOE EML HASL-300
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	RAD	Thorium-230	Th-230	1	1	pCi/g	Y		DOE EML HASL-300
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	RAD	Thorium-232	Th-232	2.03	2.03	pCi/g	Y		DOE EML HASL-300
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	RAD	Uranium-234	U-234	1	1	pCi/g	Y		DOE EML HASL-300
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	RAD	Uranium-235	U-235	0.0485	0.0485	pCi/g	Y	J	DOE EML HASL-300
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	RAD	Uranium-238	U-238	0.975	0.975	pCi/g	Y		DOE EML HASL-300
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	SVOCs	1,4-Dioxane	123-91-1	0.01		mg/kg	N		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.27		mg/kg	N		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0048		mg/kg	N		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Diethylphthalate	84-66-2	0.24		mg/kg	N		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Dimethylphthalate	131-11-3	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.085	0.085	mg/kg	Y	J	EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0022		mg/kg	N		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00071		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Nitrobenzene	98-95-3	0.0036		mg/kg	N		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Octachlorostyrene	29082-74-4	0.014	0.014	mg/kg	Y	J	EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Pyridine	110-86-1	0.054		mg/kg	N		EPA 8270C
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	TPH	Oil Range Organics	TPH-MOTOR	42		mg/kg	N		EPA 8015B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	42		mg/kg	N		EPA 8015B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00016		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00069		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00072		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00066		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00056		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	2-Butanone	78-93-3	0.00072		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	2-Chlorotoluene	95-49-8	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	2-Hexanone	591-78-6	0.00067		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	4-Chlorotoluene	106-43-4	0.00052		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00062		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Acetone	67-64-1	0.0059	0.0059	mg/kg	Y	J	EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Benzene	71-43-2	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Bromobenzene	108-86-1	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Bromochloromethane	74-97-5	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Bromodichloromethane	75-27-4	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Bromoform	75-25-2	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Bromomethane	74-83-9	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Carbon tetrachloride	56-23-5	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Chlorobenzene	108-90-7	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Chloroethane	75-00-3	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Chloroform	67-66-3	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Chloromethane	74-87-3	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Cumene	98-82-8	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Dibromochloromethane	124-48-1	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Dibromomethane	74-95-3	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Diisopropyl ether	108-20-3	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Ethyl benzene	100-41-4	0.00084		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	m,p-Xylene	179601-23-1	0.0006		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Methylene Chloride	75-09-2	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	n-Butylbenzene	104-51-8	0.00055		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	n-Propylbenzene	103-65-1	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	o-Xylene	95-47-6	0.0006		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	p-Cymene	99-87-6	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	sec-Butylbenzene	135-98-8	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Styrene	100-42-5	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	tert Butyl alcohol	75-65-0	0.0067		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	tert-Butylbenzene	98-06-6	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Tetrachloroethene	127-18-4	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Toluene	108-88-3	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Trichloroethene	79-01-6	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	VOCs	Vinyl chloride	75-01-4	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Chlorine Oxyanions	Chlorate	14866-68-3	1.21	1.21	mg/kg	Y		EPA 300.1
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	4.43	4.43	mg/kg	Y		EPA 314.0
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000668	0.0000668	mg/kg	Y	J+	EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000126	0.0000126	mg/kg	Y	J	EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000193	0.0000193	mg/kg	Y		EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000217	0.00000217	mg/kg	Y	J	EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000933	0.00000933	mg/kg	Y	JK	EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000905	0.00000905	mg/kg	Y		EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000177	0.000000177	mg/kg	Y	JK	EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000054	0.0000054	mg/kg	Y		EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000000451	0.000000451	mg/kg	Y	JK	EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000121	0.00000121	mg/kg	Y	JK	EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000518	0.000000518	mg/kg	Y	J	EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000036	0.0000036	mg/kg	Y		EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000295	0.000000295	mg/kg	Y	J	EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000325	0.00000325	mg/kg	Y	JK	EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000207	0.00000207	mg/kg	Y	JK	EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000134	0.00000134	mg/kg	Y		EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	3.41E-08		mg/kg	N		EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	HpCDD (total)	37871-00-4	0.00000357	0.00000357	mg/kg	Y		EPA 8290

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	HpCDF (total)	38998-75-3	0.0000323	0.0000323	mg/kg	Y		EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	HxCDD (total)	34465-46-8	0.00000164	0.00000164	mg/kg	Y	J	EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	HxCDF (total)	55684-94-1	0.0000296	0.0000296	mg/kg	Y		EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	PeCDD (total)	36088-22-9	0.00000157	0.00000157	mg/kg	Y	J	EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	PeCDF (total)	30402-15-4	0.0000241	0.0000241	mg/kg	Y		EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	TCDD (total)	41903-57-5	0.0000015	0.0000015	mg/kg	Y		EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Dioxins	TCDF (total)	30402-14-3	0.0000235	0.0000235	mg/kg	Y		EPA 8290
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	488	488	mg/kg	Y		SM 2320B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	General Chemistry	Carbonate as CO3	3812-32-6	16	16	mg/kg	Y	J	SM 2320B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	General Chemistry	Chloride	16887-00-6	7.3	7.3	mg/kg	Y		EPA 9056
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	General Chemistry	Hydrogen carbonate	71-52-3	472	472	mg/kg	Y		SM 2320B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	General Chemistry	Methylene Blue Active Substances	MBAS	1.4	1.4	mg/kg	Y	J	SM 5540C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	General Chemistry	Nitrate	14797-55-8	15.05714286	15.05714286	mg/kg	Y		EPA 9056
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	General Chemistry	pH	PH	9.48	9.48	SU	Y		EPA 9045D
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	General Chemistry	Sulfate	14808-79-8	123	123	mg/kg	Y		EPA 9056
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	General Chemistry	Total Organic Carbon	TOC	1610	1610	mg/kg	Y	J-	LLOYD KAHN
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Aluminum	7429-90-5	9390	9390	mg/kg	Y		EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Arsenic	7440-38-2	1.56	1.56	mg/kg	Y		EPA 6020
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Barium	7440-39-3	193	193	mg/kg	Y		EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Beryllium	7440-41-7	0.47	0.47	mg/kg	Y		EPA 6020
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Boron	7440-42-8	17.9	17.9	mg/kg	Y		EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Calcium	7440-70-2	15300	15300	mg/kg	Y	J	EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Chromium (total)	7440-47-3	7.77	7.77	mg/kg	Y	J	EPA 6020
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Chromium VI	18540-29-9	0.18		mg/kg	N		EPA 7199
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Cobalt	7440-48-4	7.2	7.2	mg/kg	Y		EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Copper	7440-50-8	17.2	17.2	mg/kg	Y		EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Iron	7439-89-6	14800	14800	mg/kg	Y		EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Lead	7439-92-1	9.3	9.3	mg/kg	Y		EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Magnesium	7439-95-4	7270	7270	mg/kg	Y		EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Manganese	7439-96-5	406	406	mg/kg	Y		EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Mercury	7439-97-6	0.016	0.016	mg/kg	Y	J	EPA 7471
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Molybdenum	7439-98-7	0.47	0.47	mg/kg	Y		EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Nickel	7440-02-0	14.7	14.7	mg/kg	Y	J	EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Phosphorus (total)	7723-14-0	934	934	mg/kg	Y		EPA 365.1M
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Platinum	7440-06-4	0.008	0.008	mg/kg	Y	J	EPA 6020
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Potassium	7440-09-7	4190	4190	mg/kg	Y		EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Selenium	7782-49-2	1.1	1.1	mg/kg	Y	J	EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Sodium	7440-23-5	736	736	mg/kg	Y	J	EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Strontium	7440-24-6	137	137	mg/kg	Y		EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Thallium	7440-28-0	0.098	0.098	mg/kg	Y		EPA 6020
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Tin	7440-31-5	4.2	4.2	mg/kg	Y	J	EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Titanium	7440-32-6	789	789	mg/kg	Y		EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Tungsten	7440-33-7	0.15	0.15	mg/kg	Y	J-	EPA 6020
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Uranium (total)	7440-61-1	0.702	0.702	mg/kg	Y		EPA 6020
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Vanadium	7440-62-2	40.2	40.2	mg/kg	Y		EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	Metals	Zinc	7440-66-6	32.6	32.6	mg/kg	Y	J	EPA 6010
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	4,4'-DDE	72-55-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	Aldrin	309-00-2	0.00088		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	alpha-BHC	319-84-6	0.00088		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	alpha-Chlordane	5103-71-9	0.00088		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	beta-BHC	319-85-7	0.00088		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	Chlordane (total)	57-74-9	0.0044		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	delta-BHC	319-86-8	0.00088		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	Endosulfan I	959-98-8	0.00088		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	Endrin	72-20-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	gamma-BHC	58-89-9	0.00088		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	gamma-Chlordane	5103-74-2	0.00088		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	Heptachlor	76-44-8	0.00088		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00088		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	Hexachlorobenzene	118-74-1	0.0013	0.0013	mg/kg	Y	J	EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	Methoxychlor	72-43-5	0.0087		mg/kg	N		EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	Toxaphene	8001-35-2	0.018		mg/kg	N		EPA 8081
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00058		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	PAHs	Acenaphthylene	208-96-8	0.00075		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00059		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00069		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00084		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	PAHs	Chrysene	218-01-9	0.001		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00078		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	PAHs	Fluorene	86-73-7	0.0007		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0009		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	PAHs	Naphthalene	91-20-3	0.00086		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	PAHs	Phenanthrene	85-01-8	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	PAHs	Pyrene	129-00-0	0.00099		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	RAD	Radium-226	Ra-226	0.964	0.964	pCi/g	Y		EPA 903.1 MOD
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	RAD	Radium-228	Ra-228	1.99	1.99	pCi/g	Y		EPA 904.0 MOD
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	RAD	Thorium-228	Th-228	2.25	2.25	pCi/g	Y		DOE EML HASL-300
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	RAD	Thorium-230	Th-230	1.05	1.05	pCi/g	Y	J	DOE EML HASL-300
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	RAD	Thorium-232	Th-232	1.69	1.69	pCi/g	Y		DOE EML HASL-300
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	RAD	Uranium-234	U-234	0.804	0.804	pCi/g	Y	J	DOE EML HASL-300
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	RAD	Uranium-235	U-235	0.0343	0.0343	pCi/g	Y		DOE EML HASL-300
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	RAD	Uranium-238	U-238	0.838	0.838	pCi/g	Y		DOE EML HASL-300
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	SVOCs	1,4-Dioxane	123-91-1	0.005		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	SVOCs	Dimethylphthalate	131-11-3	0.00091		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.034		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00072		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0036		mg/kg	N	UJ	EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	SVOCs	Pyridine	110-86-1	0.027		mg/kg	N		EPA 8270C
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	TPH	Oil Range Organics	TPH-MOTOR	42		mg/kg	N		EPA 8015B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	42		mg/kg	N		EPA 8015B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	5		mg/kg	N		EPA 8015B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00016		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00069		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00073		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00066		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00025		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00056		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	2-Butanone	78-93-3	0.00073		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	2-Chlorotoluene	95-49-8	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	2-Hexanone	591-78-6	0.00067		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	4-Chlorotoluene	106-43-4	0.00052		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00062		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Acetone	67-64-1	0.015	0.015	mg/kg	Y	J	EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Benzene	71-43-2	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Bromobenzene	108-86-1	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Bromochloromethane	74-97-5	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Bromodichloromethane	75-27-4	0.0002		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Bromoform	75-25-2	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Bromomethane	74-83-9	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Carbon tetrachloride	56-23-5	0.00043		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Chlorobenzene	108-90-7	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Chloroethane	75-00-3	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Chloroform	67-66-3	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Chloromethane	74-87-3	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Cumene	98-82-8	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Dibromochloromethane	124-48-1	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Dibromomethane	74-95-3	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Diisopropyl ether	108-20-3	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Ethyl benzene	100-41-4	0.00084		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	m,p-Xylene	179601-23-1	0.0006		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Methylene Chloride	75-09-2	0.0004	0.0004	mg/kg	Y	J	EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	n-Butylbenzene	104-51-8	0.00055		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	n-Propylbenzene	103-65-1	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	o-Xylene	95-47-6	0.0006		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	p-Cymene	99-87-6	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	sec-Butylbenzene	135-98-8	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Styrene	100-42-5	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	tert Butyl alcohol	75-65-0	0.0067		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	tert-Butylbenzene	98-06-6	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Tetrachloroethene	127-18-4	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Toluene	108-88-3	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Trichloroethene	79-01-6	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	VOCs	Vinyl chloride	75-01-4	0.00022		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.044		mg/kg	N		EPA 300.1M
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.044		mg/kg	N	UJ	EPA 314.0M
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000072	0.0000072	mg/kg	Y	J	EPA 8290
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000028	0.0000028	mg/kg	Y	J	EPA 8290
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000016	0.0000016	mg/kg	Y	JK	EPA 8290
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000026		mg/kg	N		EPA 8290
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000026		mg/kg	N		EPA 8290
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000026		mg/kg	N		EPA 8290
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000026		mg/kg	N		EPA 8290
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000026		mg/kg	N		EPA 8290
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000026		mg/kg	N		EPA 8290
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000026		mg/kg	N		EPA 8290
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000026		mg/kg	N		EPA 8290
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000026		mg/kg	N		EPA 8290
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000026		mg/kg	N		EPA 8290
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000026		mg/kg	N		EPA 8290
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000026		mg/kg	N		EPA 8290
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000052		mg/kg	N		EPA 8290
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000052		mg/kg	N		EPA 8290
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	182	182	mg/kg	Y		SM 2320B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	General Chemistry	Chloride	16887-00-6	6.2	6.2	mg/kg	Y	J	EPA 9056
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	General Chemistry	Hydrogen carbonate	71-52-3	182	182	mg/kg	Y		SM 2320B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.2		mg/kg	N		SM 5540C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	General Chemistry	Moisture	MOIST	7.2	7.2	percent	Y		ASTM 2216
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	General Chemistry	Nitrate	14797-55-8	23.95857143	23.95857143	mg/kg	Y	J+	EPA 9056
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	General Chemistry	pH	PH	8.14	8.14	SU	Y		EPA 9045D
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	General Chemistry	Sulfate	14808-79-8	376	376	mg/kg	Y	J+	EPA 9056
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	General Chemistry	Total Organic Carbon	TOC	630	630	mg/kg	Y		LLOYD KAHN
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Aluminum	7429-90-5	9500	9500	mg/kg	Y		EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Arsenic	7440-38-2	1.87	1.87	mg/kg	Y	J-	EPA 6020
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Barium	7440-39-3	154	154	mg/kg	Y		EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Beryllium	7440-41-7	0.525	0.525	mg/kg	Y	J	EPA 6020
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Boron	7440-42-8	4.5	4.5	mg/kg	Y	J	EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Calcium	7440-70-2	18800	18800	mg/kg	Y		EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Chromium (total)	7440-47-3	8.76	8.76	mg/kg	Y	J	EPA 6020
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Cobalt	7440-48-4	8.9	8.9	mg/kg	Y		EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Copper	7440-50-8	20.7	20.7	mg/kg	Y	J+	EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Iron	7439-89-6	15400	15400	mg/kg	Y		EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Lead	7439-92-1	9.8	9.8	mg/kg	Y		EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Magnesium	7439-95-4	8730	8730	mg/kg	Y	J	EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Manganese	7439-96-5	1330	1330	mg/kg	Y		EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Mercury	7439-97-6	0.024	0.024	mg/kg	Y		EPA 7471A
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Molybdenum	7439-98-7	0.3	0.3	mg/kg	Y	J	EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Nickel	7440-02-0	19.9	19.9	mg/kg	Y	J	EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Phosphorus (total)	7723-14-0	831	831	mg/kg	Y		EPA 365.1M
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Platinum	7440-06-4	0.007	0.007	mg/kg	Y	J	EPA 6020
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Potassium	7440-09-7	2880	2880	mg/kg	Y		EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N	UJ	EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Sodium	7440-23-5	310	310	mg/kg	Y		EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Strontium	7440-24-6	136	136	mg/kg	Y		EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Thallium	7440-28-0	0.119	0.119	mg/kg	Y		EPA 6020
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Tin	7440-31-5	3.9	3.9	mg/kg	Y	J	EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Titanium	7440-32-6	779	779	mg/kg	Y		EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Tungsten	7440-33-7	0.23	0.23	mg/kg	Y		EPA 6020
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Uranium (total)	7440-61-1	0.747	0.747	mg/kg	Y		EPA 6020
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Vanadium	7440-62-2	42.9	42.9	mg/kg	Y	J+	EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	Metals	Zinc	7440-66-6	34.5	34.5	mg/kg	Y		EPA 6010B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	4,4'-DDE	72-55-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	Aldrin	309-00-2	0.00091		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	alpha-BHC	319-84-6	0.00091		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	alpha-Chlordane	5103-71-9	0.00091		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	beta-BHC	319-85-7	0.00091		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	Chlordane (total)	57-74-9	0.0045		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	delta-BHC	319-86-8	0.00091		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	Endosulfan I	959-98-8	0.00091		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	Endrin	72-20-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N	UJ	EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	gamma-BHC	58-89-9	0.00091		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	gamma-Chlordane	5103-74-2	0.0014	0.0014	mg/kg	Y	J	EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	Heptachlor	76-44-8	0.00091		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00091		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	Hexachlorobenzene	118-74-1	0.00091		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	Methoxychlor	72-43-5	0.009		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	Toxaphene	8001-35-2	0.018		mg/kg	N		EPA 8081
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00059		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	PAHs	Acenaphthylene	208-96-8	0.00078		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0006		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00071		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00087		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00081		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	PAHs	Fluorene	86-73-7	0.00073		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00093		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	PAHs	Naphthalene	91-20-3	0.00089		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	RAD	Radium-226	Ra-226	0.642	0.642	pCi/g	Y		EPA 903.1 MOD
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	RAD	Radium-228	Ra-228	0.483	0.483	pCi/g	Y		EPA 904.0 MOD
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	RAD	Thorium-228	Th-228	1.51	1.51	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	RAD	Thorium-230	Th-230	0.845	0.845	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	RAD	Thorium-232	Th-232	1.29	1.29	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	RAD	Uranium-234	U-234	0.835	0.835	pCi/g	Y		DOE EML HASL-300 U MOD
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	RAD	Uranium-235	U-235	0.0677	0.0677	pCi/g	Y		DOE EML HASL-300 U MOD
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	RAD	Uranium-238	U-238	0.778	0.778	pCi/g	Y		DOE EML HASL-300 U MOD
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	SVOCs	1,4-Dioxane	123-91-1	0.0052		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	SVOCs	Dimethylphthalate	131-11-3	0.00094		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.13	0.13	mg/kg	Y	J+	EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00072		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00027		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00039		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00056		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00039		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00069		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00086		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0006		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00067		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00029		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00067		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	2-Butanone	78-93-3	0.00073		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	2-Chlorotoluene	95-49-8	0.00059		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	2-Hexanone	591-78-6	0.00068		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	4-Chlorotoluene	106-43-4	0.00052		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00063		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Acetone	67-64-1	0.0025	0.0025	mg/kg	Y	J	EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Benzene	71-43-2	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Bromobenzene	108-86-1	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Bromochloromethane	74-97-5	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Bromodichloromethane	75-27-4	0.00049		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Bromoform	75-25-2	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Bromomethane	74-83-9	0.00075		mg/kg	N	UJ	EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Carbon tetrachloride	56-23-5	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Chlorobenzene	108-90-7	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Chloroethane	75-00-3	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Chloroform	67-66-3	0.0012	0.0012	mg/kg	Y	J	EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Chloromethane	74-87-3	0.00055		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Cumene	98-82-8	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Dibromochloromethane	124-48-1	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Dibromomethane	74-95-3	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Diisopropyl ether	108-20-3	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Ethyl benzene	100-41-4	0.00085		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00023		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	m,p-Xylene	179601-23-1	0.00089		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Methylene Chloride	75-09-2	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	n-Butylbenzene	104-51-8	0.00073		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	n-Propylbenzene	103-65-1	0.00049		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	o-Xylene	95-47-6	0.00061		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	p-Cymene	99-87-6	0.00062		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	sec-Butylbenzene	135-98-8	0.00063		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Styrene	100-42-5	0.00044		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	tert Butyl alcohol	75-65-0	0.0067		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	tert-Butylbenzene	98-06-6	0.00053		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Tetrachloroethene	127-18-4	0.00047		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Toluene	108-88-3	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Trichloroethene	79-01-6	0.00039		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	VOCs	Vinyl chloride	75-01-4	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Chlorine Oxyanions	Chlorate	14866-68-3	16.5	16.5	mg/kg	Y		EPA 300.1M
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	9.37	9.37	mg/kg	Y		EPA 314.0M
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00011	0.00011	mg/kg	Y	J	EPA 8290
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00006	0.00006	mg/kg	Y	J	EPA 8290
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000043	0.000043	mg/kg	Y	J	EPA 8290
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000062	0.0000062	mg/kg	Y	J	EPA 8290
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000019	0.000019	mg/kg	Y	J	EPA 8290
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000017	0.000017	mg/kg	Y		EPA 8290
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000054	0.00000054	mg/kg	Y	JK	EPA 8290
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000089	0.00000089	mg/kg	Y	J	EPA 8290
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000021	0.0000021	mg/kg	Y	JK	EPA 8290
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000059	0.00000059	mg/kg	Y	JK	EPA 8290
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00001	0.00001	mg/kg	Y		EPA 8290
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000061	0.00000061	mg/kg	Y	JK	EPA 8290
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000003	0.000003	mg/kg	Y		EPA 8290
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000056	0.0000056	mg/kg	Y		EPA 8290
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000049	0.0000049	mg/kg	Y		EPA 8290
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000027	0.00000027	mg/kg	Y	J	EPA 8290
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	118	118	mg/kg	Y		SM 2320B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	General Chemistry	Ammonia	7664-41-7	0.218865257	0.218865257	mg/kg	Y	J	EPA 350.1
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	General Chemistry	Bromide	24959-67-9	1.3	1.3	mg/kg	Y		EPA 9056
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	General Chemistry	Chloride	16887-00-6	316	316	mg/kg	Y		EPA 9056
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	General Chemistry	Hydrogen carbonate	71-52-3	118	118	mg/kg	Y		SM 2320B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	General Chemistry	Methylene Blue Active Substances	MBAS	0.9	0.9	mg/kg	Y	J	SM 5540C
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	General Chemistry	Nitrate	14797-55-8	61.55714286	61.55714286	mg/kg	Y	J+	EPA 9056
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	General Chemistry	Nitrite	14797-65-0	0.16	0.16	mg/kg	Y		EPA 353.2
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	General Chemistry	pH	PH	6.81	6.81	SU	Y		EPA 9045D
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	General Chemistry	Sulfate	14808-79-8	11200	11200	mg/kg	Y		EPA 9056
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	General Chemistry	Total Organic Carbon	TOC	850	850	mg/kg	Y		LLOYD KAHN
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Aluminum	7429-90-5	11600	11600	mg/kg	Y		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Arsenic	7440-38-2	4.75	4.75	mg/kg	Y		EPA 6020
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Barium	7440-39-3	336	336	mg/kg	Y		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Beryllium	7440-41-7	0.517	0.517	mg/kg	Y		EPA 6020
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Boron	7440-42-8	7	7	mg/kg	Y	J	EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Cadmium	7440-43-9	1.56	1.56	mg/kg	Y		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Calcium	7440-70-2	22700	22700	mg/kg	Y		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Chromium (total)	7440-47-3	11	11	mg/kg	Y		EPA 6020
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Chromium VI	18540-29-9	0.66	0.66	mg/kg	Y		EPA 7199
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Cobalt	7440-48-4	201	201	mg/kg	Y		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Copper	7440-50-8	53.9	53.9	mg/kg	Y		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Iron	7439-89-6	20000	20000	mg/kg	Y		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Lead	7439-92-1	12.6	12.6	mg/kg	Y		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Magnesium	7439-95-4	8730	8730	mg/kg	Y		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Manganese	7439-96-5	9010	9010	mg/kg	Y		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Mercury	7439-97-6	0.028	0.028	mg/kg	Y		EPA 7471A
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Molybdenum	7439-98-7	0.9	0.9	mg/kg	Y		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Nickel	7440-02-0	98.4	98.4	mg/kg	Y		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Phosphorus (total)	7723-14-0	945	945	mg/kg	Y		EPA 365.1M
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Platinum	7440-06-4	0.008	0.008	mg/kg	Y	J	EPA 6020
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Potassium	7440-09-7	2590	2590	mg/kg	Y		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Sodium	7440-23-5	870	870	mg/kg	Y		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Strontium	7440-24-6	174	174	mg/kg	Y		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Thallium	7440-28-0	0.609	0.609	mg/kg	Y		EPA 6020
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Tin	7440-31-5	4.8	4.8	mg/kg	Y	J	EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Titanium	7440-32-6	1180	1180	mg/kg	Y		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Tungsten	7440-33-7	0.74	0.74	mg/kg	Y		EPA 6020
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Uranium (total)	7440-61-1	1.17	1.17	mg/kg	Y		EPA 6020
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Vanadium	7440-62-2	59.4	59.4	mg/kg	Y		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	Metals	Zinc	7440-66-6	90.4	90.4	mg/kg	Y		EPA 6010B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	4,4'-DDE	72-55-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	Aldrin	309-00-2	0.0009		mg/kg	N		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	alpha-BHC	319-84-6	0.0009		mg/kg	N		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	alpha-Chlordane	5103-71-9	0.0009		mg/kg	N		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	beta-BHC	319-85-7	0.0025	0.0025	mg/kg	Y		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	Chlordane (total)	57-74-9	0.0045		mg/kg	N		EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	delta-BHC	319-86-8	0.0009		mg/kg	N		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	Endosulfan I	959-98-8	0.0009		mg/kg	N		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	Endrin	72-20-8	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	gamma-BHC	58-89-9	0.0009		mg/kg	N		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	gamma-Chlordane	5103-74-2	0.0009		mg/kg	N		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	Heptachlor	76-44-8	0.0009		mg/kg	N		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	Heptachlor epoxide	1024-57-3	0.0009		mg/kg	N		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	Hexachlorobenzene	118-74-1	0.0099	0.0099	mg/kg	Y		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	Methoxychlor	72-43-5	0.009		mg/kg	N		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	Toxaphene	8001-35-2	0.018		mg/kg	N		EPA 8081
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	PAHs	Naphthalene	91-20-3	0.00091		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	RAD	Radium-226	Ra-226	1.52	1.52	pCi/g	Y		EPA 903.1 MOD
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	RAD	Radium-228	Ra-228	1.08	1.08	pCi/g	Y		EPA 904.0 MOD
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	RAD	Thorium-228	Th-228	1.67	1.67	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	RAD	Thorium-230	Th-230	0.874	0.874	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	RAD	Thorium-232	Th-232	1.42	1.42	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	RAD	Uranium-234	U-234	1.14	1.14	pCi/g	Y		DOE EML HASL-300 U MOD
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	RAD	Uranium-235	U-235	0.0653	0.0653	pCi/g	Y		DOE EML HASL-300 U MOD
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	RAD	Uranium-238	U-238	1.18	1.18	pCi/g	Y		DOE EML HASL-300 U MOD
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00075		mg/kg	N	UJ	EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00028		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00021		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00058		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	1,1-Dichloropropene	563-58-6	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00072		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00053		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00089		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00062		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00069		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	1,2-Dibromoethane	106-93-4	0.0003		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00039		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00035		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00039		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00052		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00052		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00036		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.0007		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	2-Butanone	78-93-3	0.0019	0.0019	mg/kg	Y	J	EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	2-Chlorotoluene	95-49-8	0.00061		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	2-Hexanone	591-78-6	0.00071		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	4-Chlorotoluene	106-43-4	0.00054		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00065		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Acetone	67-64-1	0.0086	0.0086	mg/kg	Y	J	EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Benzene	71-43-2	0.00046		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Bromobenzene	108-86-1	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Bromochloromethane	74-97-5	0.00041		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Bromodichloromethane	75-27-4	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Bromoform	75-25-2	0.00042		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Bromomethane	74-83-9	0.00078		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Carbon tetrachloride	56-23-5	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Chlorobenzene	108-90-7	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Chloroethane	75-00-3	0.00048		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Chloroform	67-66-3	0.00043		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Chloromethane	74-87-3	0.00057		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00034		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Cumene	98-82-8	0.0005		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Dibromochloromethane	124-48-1	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Dibromomethane	74-95-3	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00052		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Diisopropyl ether	108-20-3	0.00024		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Ethyl benzene	100-41-4	0.00088		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00024		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	m,p-Xylene	179601-23-1	0.00093		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00031		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Methylene Chloride	75-09-2	0.00038		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	n-Butylbenzene	104-51-8	0.00076		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	n-Propylbenzene	103-65-1	0.00051		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	o-Xylene	95-47-6	0.00063		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	p-Cymene	99-87-6	0.00064		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	sec-Butylbenzene	135-98-8	0.00065		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Styrene	100-42-5	0.00045		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	tert Butyl alcohol	75-65-0	0.007		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	tert-Butylbenzene	98-06-6	0.00055		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Tetrachloroethene	127-18-4	0.00049		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Toluene	108-88-3	0.00032		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00052		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00037		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Trichloroethene	79-01-6	0.0004		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00033		mg/kg	N		EPA 8260B
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	VOCs	Vinyl chloride	75-01-4	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-9	SA09-3BPC	0-0	N	--	4/13/2010	Metals	Arsenic	7440-38-2	3.5	3.5	mg/kg	Y		EPA 6020
DU-1	SA-9	SA09-5BPC	0-1	N	--	5/24/2010	Metals	Arsenic	7440-38-2	3.2	3.2	mg/kg	Y		EPA 6020
DU-1	SA-9	SA09-5BPC	0-1	N	--	5/24/2010	Metals	Manganese	7439-96-5	310	310	mg/kg	Y		EPA 6020
DU-1	SA-9	SA09-5BPC_FD	0-1	FD	SA09-5BPC	4/13/2010	Metals	Arsenic	7440-38-2	3.3	3.3	mg/kg	Y		EPA 6020
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Aluminum	7429-90-5	9790	9790	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Antimony	7440-36-0	2.3	2.3	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Arsenic	7440-38-2	4.7	4.7	mg/kg	Y		EPA 6020
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Barium	7440-39-3	179	179	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Beryllium	7440-41-7	0.428	0.428	mg/kg	Y		EPA 6020
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Boron	7440-42-8	13.3	13.3	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Cadmium	7440-43-9	0.09	0.09	mg/kg	Y	J	EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Calcium	7440-70-2	22100	22100	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Chromium (total)	7440-47-3	95.1	95.1	mg/kg	Y		EPA 6020
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Chromium VI	18540-29-9	19.7	19.7	mg/kg	Y		EPA 7199
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Cobalt	7440-48-4	8.3	8.3	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Copper	7440-50-8	21.4	21.4	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Iron	7439-89-6	17200	17200	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Lead	7439-92-1	9.5	9.5	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Magnesium	7439-95-4	10600	10600	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Manganese	7439-96-5	381	381	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Mercury	7439-97-6	0.182	0.182	mg/kg	Y		EPA 7471A
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Molybdenum	7439-98-7	0.54	0.54	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Nickel	7440-02-0	19.1	19.1	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Platinum	7440-06-4	0.035	0.035	mg/kg	Y	J	EPA 6020
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Potassium	7440-09-7	2600	2600	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Sodium	7440-23-5	4100	4100	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Strontium	7440-24-6	101	101	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Thallium	7440-28-0	0.095	0.095	mg/kg	Y		EPA 6020
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Tin	7440-31-5	5.7	5.7	mg/kg	Y	J	EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Titanium	7440-32-6	923	923	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Tungsten	7440-33-7	0.92	0.92	mg/kg	Y		EPA 6020
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Uranium (total)	7440-61-1	0.58	0.58	mg/kg	Y		EPA 6020
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Vanadium	7440-62-2	50.3	50.3	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1.5BR	0-0.5	N	--	12/16/2009	Metals	Zinc	7440-66-6	34.7	34.7	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Aluminum	7429-90-5	9740	9740	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Antimony	7440-36-0	2.2	2.2	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Arsenic	7440-38-2	3.65	3.65	mg/kg	Y		EPA 6020
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Barium	7440-39-3	148	148	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Beryllium	7440-41-7	0.44	0.44	mg/kg	Y		EPA 6020
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Boron	7440-42-8	17.2	17.2	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Cadmium	7440-43-9	0.1	0.1	mg/kg	Y	J	EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Calcium	7440-70-2	17200	17200	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Chromium (total)	7440-47-3	98.2	98.2	mg/kg	Y		EPA 6020
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Chromium VI	18540-29-9	20.3	20.3	mg/kg	Y		EPA 7199
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Cobalt	7440-48-4	8.3	8.3	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Copper	7440-50-8	20	20	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Iron	7439-89-6	18500	18500	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Lead	7439-92-1	10.5	10.5	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Magnesium	7439-95-4	9190	9190	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Manganese	7439-96-5	370	370	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Mercury	7439-97-6	0.01	0.01	mg/kg	Y	J	EPA 7471A
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Molybdenum	7439-98-7	0.67	0.67	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Nickel	7440-02-0	18.4	18.4	mg/kg	Y		EPA 6010B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Platinum	7440-06-4	0.041	0.041	mg/kg	Y	J	EPA 6020
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Potassium	7440-09-7	2840	2840	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Selenium	7782-49-2	0.8		mg/kg	N		EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Sodium	7440-23-5	4100	4100	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Strontium	7440-24-6	80.4	80.4	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Thallium	7440-28-0	0.085	0.085	mg/kg	Y		EPA 6020
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Tin	7440-31-5	5.7	5.7	mg/kg	Y	J	EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Titanium	7440-32-6	914	914	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Tungsten	7440-33-7	0.89	0.89	mg/kg	Y		EPA 6020
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Uranium (total)	7440-61-1	0.586	0.586	mg/kg	Y		EPA 6020
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Vanadium	7440-62-2	56.1	56.1	mg/kg	Y		EPA 6010B
DU-1	SA-102	SA102-1BR	0-0	N	--	12/16/2009	Metals	Zinc	7440-66-6	37.1	37.1	mg/kg	Y		EPA 6010B
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Chlorine Oxyanions	Chlorate	14866-68-3	1300	1300	mg/kg	Y		EPA 9056
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Chlorine Oxyanions	Perchlorate	14797-73-0	62.5	62.5	mg/kg	Y		EPA 314.0
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	General Chemistry	Alkalinity	ALK	1000	1000	mg/kg	Y	J+	EPA 310.1
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	General Chemistry	Alkalinity (as CaCO3)	ALKA	339	339	mg/kg	Y	J+	EPA 310.1
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	General Chemistry	Ammonia	7664-41-7	6.56595772		mg/kg	N	UJ	EPA 350.1
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	General Chemistry	Bromide	24959-67-9	2.7		mg/kg	N	U	EPA 9056
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	General Chemistry	Chloride	16887-00-6	136	136	mg/kg	Y		EPA 9056
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	General Chemistry	Cyanide (total)	57-12-5	0.54		mg/kg	N	UJ	EPA 9012A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	General Chemistry	Hydrogen carbonate	71-52-3	662	662	mg/kg	Y	J+	EPA 310.1
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	General Chemistry	Methylene Blue Active Substances	MBAS	2.2		mg/kg	N	U	SM 5540C
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	General Chemistry	Moisture	MOIST	7.6	7.6	percent	Y		EPA 160.3
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	General Chemistry	Nitrate	14797-55-8	4.871428571	4.871428571	mg/kg	Y	J+	EPA 9056
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	General Chemistry	Nitrite	14797-65-0	2	2	mg/kg	Y	J	EPA 9056
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	General Chemistry	ortho-Phosphate	11-36-9	409	409	mg/kg	Y		EPA 9056
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	General Chemistry	pH	PH	9.8	9.8	SU	Y		EPA 9045
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	General Chemistry	Sulfate	14808-79-8	93.6	93.6	mg/kg	Y	J	EPA 9056
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	General Chemistry	Total Organic Carbon	TOC	6500	6500	mg/kg	Y		EPA 9060
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Aluminum	7429-90-5	7100	7100	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Antimony	7440-36-0	0.11	0.11	mg/kg	Y	J-	EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Arsenic	7440-38-2	2.9	2.9	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Barium	7440-39-3	187	187	mg/kg	Y	J	EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Beryllium	7440-41-7	0.49	0.49	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Boron	7440-42-8	14.6	14.6	mg/kg	Y	J-	EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Cadmium	7440-43-9	0.091	0.091	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Calcium	7440-70-2	29500	29500	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Chromium (total)	7440-47-3	12.5	12.5	mg/kg	Y	J-	EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Chromium VI	18540-29-9	2.1	2.1	mg/kg	Y		EPA 7199
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Cobalt	7440-48-4	6.1	6.1	mg/kg	Y	J-	EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Copper	7440-50-8	12.7	12.7	mg/kg	Y	J	EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Iron	7439-89-6	11600	11600	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Lead	7439-92-1	7	7	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Magnesium	7439-95-4	7130	7130	mg/kg	Y	J-	EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Manganese	7439-96-5	250	250	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Mercury	7439-97-6	0.014	0.014	mg/kg	Y	J	EPA 7471
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Molybdenum	7439-98-7	0.48	0.48	mg/kg	Y	J	EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Nickel	7440-02-0	11.8	11.8	mg/kg	Y	J-	EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Platinum	7440-06-4	0.011	0.011	mg/kg	Y	J	EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Potassium	7440-09-7	3510	3510	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Selenium	7782-49-2	0.12		mg/kg	N	U	EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Silver	7440-22-4	0.12	0.12	mg/kg	Y	J	EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Sodium	7440-23-5	2660	2660	mg/kg	Y	J-	EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Strontium	7440-24-6	121	121	mg/kg	Y	J	EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Thallium	7440-28-0	0.096	0.096	mg/kg	Y	J	EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Tin	7440-31-5	0.52	0.52	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Titanium	7440-32-6	520	520	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Tungsten	7440-33-7	0.24	0.24	mg/kg	Y	J-	EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Uranium (total)	7440-61-1	1	1	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Vanadium	7440-62-2	29.6	29.6	mg/kg	Y	J-	EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	Metals	Zinc	7440-66-6	23.9	23.9	mg/kg	Y	J-	EPA 6020
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	4,4'-DDE	72-55-9	0.012	0.012	mg/kg	Y	J+	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	Aldrin	309-00-2	0.0018		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	alpha-BHC	319-84-6	0.0018		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	alpha-Chlordane	5103-71-9	0.0018		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	beta-BHC	319-85-7	0.03	0.03	mg/kg	Y	J+	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	Chlordane (total)	57-74-9	0.011		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	delta-BHC	319-86-8	0.0018		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	Endosulfan I	959-98-8	0.0018		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N	UJ	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	Endrin	72-20-8	0.0018		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	gamma-BHC	58-89-9	0.0018		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	gamma-Chlordane	5103-74-2	0.0018		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	Heptachlor	76-44-8	0.0018		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	Heptachlor epoxide	1024-57-3	0.0018		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	Hexachlorobenzene	118-74-1	0.96	0.96	mg/kg	Y		EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	Methoxychlor	72-43-5	0.0036		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	Toxaphene	8001-35-2	0.054		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Chlorpyrifos	2921-88-2	0.022		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Coumaphos	56-72-4	0.014		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Dasanit	115-90-2	0.014		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Demeton-O	298-03-3	0.042		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Demeton-S	126-75-0	0.016		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Diazinon	333-41-5	0.024		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Dichlorovos	62-73-7	0.025		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Dimethoate	60-51-5	0.024		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Disulfoton	298-04-4	0.052		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	EPN	2104-64-5	0.014		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Ethoprop	13194-48-4	0.016		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Famphur	52-85-7	0.014		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Fenthion	55-38-9	0.036		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Guthion	86-50-0	0.014		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Malathion	121-75-5	0.016		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Merphos	150-50-5	0.032		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Methyl parathion	298-00-0	0.022		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Mevinphos	7786-34-7	0.016		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Naled	300-76-5	0.036		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Parathion	56-38-2	0.019		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Phorate	298-02-2	0.022		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Prothiophos	34643-46-4	0.022		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Ronnel	299-84-3	0.019		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Stirophos	22248-79-9	0.016		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Sulfotepp	3689-24-5	0.022		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Sulprofos	35400-43-2	0.014		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Thionazin	297-97-2	0.019		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OPPs	Trichloronate	327-98-0	0.022		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PAHs	2-Methylnaphthalene	91-57-6	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PAHs	Acenaphthene	83-32-9	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PAHs	Acenaphthylene	208-96-8	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PAHs	Anthracene	120-12-7	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PAHs	Benzo(a)anthracene	56-55-3	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PAHs	Benzo(a)pyrene	50-32-8	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PAHs	Benzo(b)fluoranthene	205-99-2	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PAHs	Benzo(g,h,i)perylene	191-24-2	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PAHs	Benzo(k)fluoranthene	207-08-9	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PAHs	Chrysene	218-01-9	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PAHs	Dibenz(a,h)anthracene	53-70-3	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PAHs	Fluoranthene	206-44-0	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PAHs	Fluorene	86-73-7	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PAHs	Naphthalene	91-20-3	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PAHs	Phenanthrene	85-01-8	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PAHs	Pyrene	129-00-0	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PCBs	Aroclor-1016	12674-11-2	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PCBs	Aroclor-1221	11104-28-2	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PCBs	Aroclor-1232	11141-16-5	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PCBs	Aroclor-1242	53469-21-9	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PCBs	Aroclor-1248	12672-29-6	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PCBs	Aroclor-1254	11097-69-1	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PCBs	Aroclor-1260	11096-82-5	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	RAD	Radium-226	Ra-226	0.947	0.947	pCi/g	Y	J+	HASL-300 GAMMA
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	RAD	Radium-228	Ra-228	1.8	1.8	pCi/g	Y	J+	HASL-300 GAMMA
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	SVOCs	1,4-Dioxane	123-91-1	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.41	0.41	mg/kg	Y		EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	SVOCs	Butylbenzylphthalate	85-68-7	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	SVOCs	Diethylphthalate	84-66-2	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	SVOCs	Dimethylphthalate	131-11-3	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	SVOCs	Di-n-butylphthalate	84-74-2	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	SVOCs	Di-n-octylphthalate	117-84-0	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	SVOCs	Hexachlorobutadiene	87-68-3	0.0045	0.0045	mg/kg	Y	J	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	SVOCs	Nitrobenzene	98-95-3	0.36		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	SVOCs	Octachlorostyrene	29082-74-4	0.21	0.21	mg/kg	Y	J	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	SVOCs	Pyridine	110-86-1	1.7		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	TPH	Oil Range Organics	TPH-MOTOR	86	86	mg/kg	Y		EPA 8015B DRO
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	27		mg/kg	N	U	EPA 8015B DRO
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.11		mg/kg	N	UJ	EPA 8015B GRO
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	1,1,1-Trichloroethane	71-55-6	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	1,1,2-Trichloroethane	79-00-5	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	1,1-Dichloroethane	75-34-3	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	1,1-Dichloroethene	75-35-4	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	1,1-Dichloropropene	563-58-6	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0013	0.0013	mg/kg	Y	J	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	1,2,3-Trichloropropane	96-18-4	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0037	0.0037	mg/kg	Y	J	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	1,2-Dibromoethane	106-93-4	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	1,2-Dichlorobenzene	95-50-1	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	1,2-Dichloroethane	107-06-2	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	1,2-Dichloropropane	78-87-5	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	1,3-Dichlorobenzene	541-73-1	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	1,3-Dichloropropane	142-28-9	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	1,4-Dichlorobenzene	106-46-7	0.0017	0.0017	mg/kg	Y	J	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	2,2-Dichloropropane	594-20-7	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	2-Butanone	78-93-3	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	2-Chlorotoluene	95-49-8	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	2-Hexanone	591-78-6	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	4-Chlorotoluene	106-43-4	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	4-Methyl-2-pentanone	108-10-1	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Acetone	67-64-1	0.011		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Benzene	71-43-2	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Bromobenzene	108-86-1	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Bromochloromethane	74-97-5	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Bromodichloromethane	75-27-4	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Bromoform	75-25-2	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Bromomethane	74-83-9	0.011		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Carbon tetrachloride	56-23-5	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Chlorobenzene	108-90-7	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Chloroethane	75-00-3	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Chloroform	67-66-3	0.15	0.15	mg/kg	Y		EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Chloromethane	74-87-3	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Cumene	98-82-8	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Dibromochloromethane	124-48-1	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Dibromomethane	74-95-3	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Dichlorodifluoromethane	75-71-8	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Diisopropyl ether	108-20-3	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Ethyl benzene	100-41-4	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Ethyl tert-butyl ether	637-92-3	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Methyl tert-butyl ether	1634-04-4	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Methylene Chloride	75-09-2	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	n-Butylbenzene	104-51-8	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	n-Propylbenzene	103-65-1	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	p-Cymene	99-87-6	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	sec-Butylbenzene	135-98-8	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Styrene	100-42-5	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	t-Amyl methyl ether	994-05-8	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	tert Butyl alcohol	75-65-0	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	tert-Butylbenzene	98-06-6	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Tetrachloroethene	127-18-4	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Toluene	108-88-3	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Trichloroethene	79-01-6	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Trichlorofluoromethane	75-69-4	0.0054		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Vinyl chloride	75-01-4	0.0054		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	VOCs	Xylenes (total)	1330-20-7	0.011		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Chlorine Oxyanions	Chlorate	14866-68-3	1410	1410	mg/kg	Y		EPA 9056
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Chlorine Oxyanions	Perchlorate	14797-73-0	72.4	72.4	mg/kg	Y		EPA 314.0
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	General Chemistry	Alkalinity	ALK	1500	1500	mg/kg	Y	J+	EPA 310.1
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	General Chemistry	Alkalinity (as CaCO3)	ALKA	402	402	mg/kg	Y	J+	EPA 310.1

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	General Chemistry	Ammonia	7664-41-7	6.930733149		mg/kg	N	UJ	EPA 350.1
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	General Chemistry	Bromide	24959-67-9	28.4		mg/kg	N	U	EPA 9056
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	General Chemistry	Chloride	16887-00-6	317	317	mg/kg	Y		EPA 9056
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	General Chemistry	Cyanide (total)	57-12-5	0.57		mg/kg	N	UJ	EPA 9012A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	General Chemistry	Hydrogen carbonate	71-52-3	1100	1100	mg/kg	Y	J+	EPA 310.1
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	General Chemistry	Methylene Blue Active Substances	MBAS	2.2		mg/kg	N	U	SM 5540C
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	General Chemistry	Moisture	MOIST	12	12	percent	Y		EPA 160.3
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	General Chemistry	Nitrate	14797-55-8	15.5	15.5	mg/kg	Y	J+	EPA 9056
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	General Chemistry	Nitrite	14797-65-0	2.3		mg/kg	N	U	EPA 9056
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	General Chemistry	ortho-Phosphate	11-36-9	997	997	mg/kg	Y		EPA 9056
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	General Chemistry	pH	PH	8.8	8.8	SU	Y		EPA 9045
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	General Chemistry	Sulfate	14808-79-8	199	199	mg/kg	Y	J	EPA 9056
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	General Chemistry	Total Organic Carbon	TOC	8700	8700	mg/kg	Y		EPA 9060
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Aluminum	7429-90-5	7150	7150	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Antimony	7440-36-0	0.13	0.13	mg/kg	Y	J-	EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Arsenic	7440-38-2	2.7	2.7	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Barium	7440-39-3	155	155	mg/kg	Y	J	EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Beryllium	7440-41-7	0.48	0.48	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Boron	7440-42-8	15.4	15.4	mg/kg	Y	J-	EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Cadmium	7440-43-9	0.071	0.071	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Calcium	7440-70-2	25300	25300	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Chromium (total)	7440-47-3	13.1	13.1	mg/kg	Y	J-	EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Chromium VI	18540-29-9	2.1	2.1	mg/kg	Y		EPA 7199
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Cobalt	7440-48-4	6.3	6.3	mg/kg	Y	J-	EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Copper	7440-50-8	12.8	12.8	mg/kg	Y	J	EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Iron	7439-89-6	12100	12100	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Lead	7439-92-1	8.2	8.2	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Magnesium	7439-95-4	7270	7270	mg/kg	Y	J-	EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Manganese	7439-96-5	261	261	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Mercury	7439-97-6	0.015	0.015	mg/kg	Y	J	EPA 7471
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Molybdenum	7439-98-7	0.48	0.48	mg/kg	Y	J	EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Nickel	7440-02-0	12.4	12.4	mg/kg	Y	J-	EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Platinum	7440-06-4	0.012	0.012	mg/kg	Y	J	EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Potassium	7440-09-7	2730	2730	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Selenium	7782-49-2	0.12		mg/kg	N	U	EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Silver	7440-22-4	0.13	0.13	mg/kg	Y	J	EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Sodium	7440-23-5	2300	2300	mg/kg	Y	J-	EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Strontium	7440-24-6	106	106	mg/kg	Y	J	EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Thallium	7440-28-0	0.08		mg/kg	N	U	EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Tin	7440-31-5	0.47	0.47	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Titanium	7440-32-6	442	442	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Tungsten	7440-33-7	0.27	0.27	mg/kg	Y	J-	EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Uranium (total)	7440-61-1	0.98	0.98	mg/kg	Y		EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Vanadium	7440-62-2	31.3	31.3	mg/kg	Y	J-	EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	Metals	Zinc	7440-66-6	24.9	24.9	mg/kg	Y	J-	EPA 6020
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	4,4'-DDD	72-54-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	4,4'-DDE	72-55-9	0.0019		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	4,4'-DDT	50-29-3	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	Aldrin	309-00-2	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	alpha-BHC	319-84-6	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	alpha-Chlordane	5103-71-9	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	beta-BHC	319-85-7	0.0019		mg/kg	N	UJ	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	Chlordane (total)	57-74-9	0.011		mg/kg	N	U	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	delta-BHC	319-86-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	Dieldrin	60-57-1	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	Endosulfan I	959-98-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	Endosulfan II	33213-65-9	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	Endosulfan sulfate	1031-07-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	Endrin	72-20-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	Endrin aldehyde	7421-93-4	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	Endrin ketone	53494-70-5	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	gamma-BHC	58-89-9	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	gamma-Chlordane	5103-74-2	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	Heptachlor	76-44-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	Heptachlor epoxide	1024-57-3	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	Hexachlorobenzene	118-74-1	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	Methoxychlor	72-43-5	0.0038		mg/kg	N	U	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	Toxaphene	8001-35-2	0.057		mg/kg	N	U	EPA 8081
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Chlorpyrifos	2921-88-2	0.023		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Coumaphos	56-72-4	0.015		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Dasanit	115-90-2	0.015		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Demeton-O	298-03-3	0.044		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Demeton-S	126-75-0	0.017		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Diazinon	333-41-5	0.025		mg/kg	N	U	EPA 8141A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Dichlorovos	62-73-7	0.026		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Dimethoate	60-51-5	0.025		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Disulfoton	298-04-4	0.055		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	EPN	2104-64-5	0.015		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Ethoprop	13194-48-4	0.017		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Famphur	52-85-7	0.015		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Fenthion	55-38-9	0.038		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Guthion	86-50-0	0.015		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Malathion	121-75-5	0.017		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Merphos	150-50-5	0.034		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Methyl parathion	298-00-0	0.023		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Mevinphos	7786-34-7	0.017		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Naled	300-76-5	0.038		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Parathion	56-38-2	0.02		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Phorate	298-02-2	0.023		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Prothiophos	34643-46-4	0.023		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Ronnel	299-84-3	0.02		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Stirophos	22248-79-9	0.017		mg/kg	N	UJ	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Sulfotepp	3689-24-5	0.023		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Sulprofos	35400-43-2	0.015		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Thionazin	297-97-2	0.02		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OPPs	Trichloronate	327-98-0	0.023		mg/kg	N	U	EPA 8141A
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PAHs	2-Methylnaphthalene	91-57-6	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PAHs	Acenaphthene	83-32-9	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PAHs	Acenaphthylene	208-96-8	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PAHs	Anthracene	120-12-7	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PAHs	Benzo(a)anthracene	56-55-3	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PAHs	Benzo(a)pyrene	50-32-8	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PAHs	Benzo(b)fluoranthene	205-99-2	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PAHs	Benzo(g,h,i)perylene	191-24-2	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PAHs	Benzo(k)fluoranthene	207-08-9	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PAHs	Chrysene	218-01-9	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PAHs	Dibenz(a,h)anthracene	53-70-3	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PAHs	Fluoranthene	206-44-0	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PAHs	Fluorene	86-73-7	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PAHs	Naphthalene	91-20-3	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PAHs	Phenanthrene	85-01-8	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PAHs	Pyrene	129-00-0	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PCBs	Aroclor-1016	12674-11-2	0.038		mg/kg	N	U	EPA 8082
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PCBs	Aroclor-1221	11104-28-2	0.038		mg/kg	N	U	EPA 8082
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PCBs	Aroclor-1232	11141-16-5	0.038		mg/kg	N	U	EPA 8082
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PCBs	Aroclor-1242	53469-21-9	0.038		mg/kg	N	U	EPA 8082
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PCBs	Aroclor-1248	12672-29-6	0.038		mg/kg	N	U	EPA 8082
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PCBs	Aroclor-1254	11097-69-1	0.038		mg/kg	N	U	EPA 8082
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PCBs	Aroclor-1260	11096-82-5	0.038		mg/kg	N	U	EPA 8082
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	RAD	Radium-226	Ra-226	0.905	0.905	pCi/g	Y	J+	HASL-300 GAMMA
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	RAD	Radium-228	Ra-228	1.87	1.87	pCi/g	Y	J+	HASL-300 GAMMA
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	SVOCs	1,4-Dioxane	123-91-1	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	SVOCs	Butylbenzylphthalate	85-68-7	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	SVOCs	Diethylphthalate	84-66-2	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	SVOCs	Dimethylphthalate	131-11-3	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	SVOCs	Di-n-butylphthalate	84-74-2	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	SVOCs	Di-n-octylphthalate	117-84-0	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	SVOCs	Hexachlorobutadiene	87-68-3	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	SVOCs	Nitrobenzene	98-95-3	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	SVOCs	Octachlorostyrene	29082-74-4	0.38		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	SVOCs	Pyridine	110-86-1	1.8		mg/kg	N	U	EPA 8270
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	TPH	Oil Range Organics	TPH-MOTOR	28		mg/kg	N	U	EPA 8015B DRO
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	28		mg/kg	N	U	EPA 8015B DRO
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.11		mg/kg	N	U	EPA 8015B GRO
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	1,1,1-Trichloroethane	71-55-6	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	1,1,2-Trichloroethane	79-00-5	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	1,1-Dichloroethane	75-34-3	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	1,1-Dichloroethene	75-35-4	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	1,1-Dichloropropene	563-58-6	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	1,2,3-Trichloropropane	96-18-4	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0057		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	1,2-Dibromoethane	106-93-4	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	1,2-Dichlorobenzene	95-50-1	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	1,2-Dichloroethane	107-06-2	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	1,2-Dichloropropane	78-87-5	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0057		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	1,3-Dichlorobenzene	541-73-1	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	1,3-Dichloropropane	142-28-9	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	1,4-Dichlorobenzene	106-46-7	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	2,2-Dichloropropane	594-20-7	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	2-Butanone	78-93-3	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	2-Chlorotoluene	95-49-8	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	2-Hexanone	591-78-6	0.011		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	4-Chlorotoluene	106-43-4	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	4-Methyl-2-pentanone	108-10-1	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Acetone	67-64-1	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Benzene	71-43-2	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Bromobenzene	108-86-1	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Bromochloromethane	74-97-5	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Bromodichloromethane	75-27-4	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Bromoform	75-25-2	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Bromomethane	74-83-9	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Carbon tetrachloride	56-23-5	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Chlorobenzene	108-90-7	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Chloroethane	75-00-3	0.0057		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Chloroform	67-66-3	0.13	0.13	mg/kg	Y		EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Chloromethane	74-87-3	0.0057		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Cumene	98-82-8	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Dibromochloromethane	124-48-1	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Dibromomethane	74-95-3	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Dichlorodifluoromethane	75-71-8	0.0057		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Diisopropyl ether	108-20-3	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Ethyl benzene	100-41-4	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Ethyl tert-butyl ether	637-92-3	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Methyl tert-butyl ether	1634-04-4	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Methylene Chloride	75-09-2	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	n-Butylbenzene	104-51-8	0.0057		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	n-Propylbenzene	103-65-1	0.0057		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	p-Cymene	99-87-6	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	sec-Butylbenzene	135-98-8	0.0057		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Styrene	100-42-5	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	t-Amyl methyl ether	994-05-8	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	tert Butyl alcohol	75-65-0	0.0057		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	tert-Butylbenzene	98-06-6	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Tetrachloroethene	127-18-4	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Toluene	108-88-3	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Trichloroethene	79-01-6	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Trichlorofluoromethane	75-69-4	0.0057		mg/kg	N	UJ	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Vinyl chloride	75-01-4	0.0057		mg/kg	N	U	EPA 8260
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	VOCs	Xylenes (total)	1330-20-7	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Aluminum	7429-90-5	9100	9100	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Antimony	7440-36-0	2.4	2.4	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Arsenic	7440-38-2	2.22	2.22	mg/kg	Y		EPA 6020
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Barium	7440-39-3	159	159	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Beryllium	7440-41-7	0.4	0.4	mg/kg	Y		EPA 6020
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Boron	7440-42-8	4.3	4.3	mg/kg	Y	J	EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Cadmium	7440-43-9	0.11	0.11	mg/kg	Y	J	EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Calcium	7440-70-2	30300	30300	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Chromium (total)	7440-47-3	30.5	30.5	mg/kg	Y		EPA 6020
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Chromium VI	18540-29-9	4.42	4.42	mg/kg	Y		EPA 7199
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Cobalt	7440-48-4	7.5	7.5	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Copper	7440-50-8	26.1	26.1	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Iron	7439-89-6	16700	16700	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Lead	7439-92-1	8.7	8.7	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Magnesium	7439-95-4	10800	10800	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Manganese	7439-96-5	301	301	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Mercury	7439-97-6	0.101	0.101	mg/kg	Y	J	EPA 7471A
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Molybdenum	7439-98-7	0.49	0.49	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Nickel	7440-02-0	17.7	17.7	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Platinum	7440-06-4	0.008	0.008	mg/kg	Y	J	EPA 6020
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Potassium	7440-09-7	2410	2410	mg/kg	Y		EPA 6010B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Sodium	7440-23-5	3740	3740	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Strontium	7440-24-6	131	131	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Thallium	7440-28-0	0.09	0.09	mg/kg	Y		EPA 6020
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Tin	7440-31-5	5.3	5.3	mg/kg	Y	J	EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Titanium	7440-32-6	817	817	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Tungsten	7440-33-7	0.23	0.23	mg/kg	Y		EPA 6020
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Uranium (total)	7440-61-1	0.771	0.771	mg/kg	Y		EPA 6020
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Vanadium	7440-62-2	52.5	52.5	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	Metals	Zinc	7440-66-6	32.9	32.9	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	OCPs	Hexachlorobenzene	118-74-1	0.028	0.028	mg/kg	Y		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00059		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	PAHs	Acenaphthylene	208-96-8	0.00078		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0006		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00071		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00087		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00081		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	PAHs	Fluorene	86-73-7	0.00072		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00093		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	PAHs	Naphthalene	91-20-3	0.00088		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	SVOCs	1,4-Dioxane	123-91-1	0.0052		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	SVOCs	Dimethylphthalate	131-11-3	0.00093		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.035		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	TPH	Oil Range Organics	TPH-MOTOR	33		mg/kg	N		EPA 8015B
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	33		mg/kg	N		EPA 8015B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00006	0.00006	mg/kg	Y	J	EPA 8290
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000023	0.0000023	mg/kg	Y	J	EPA 8290
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000021	0.000021	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000015	0.0000015	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000078	0.0000078	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000073	0.0000073	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000031	0.00000031	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000064	0.0000064	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000046	0.00000046	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000006	0.0000006	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000036	0.00000036	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000039	0.0000039	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000028		mg/kg	N		EPA 8290
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000015	0.0000015	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000021	0.0000021	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000031	0.0000031	mg/kg	Y	J	EPA 8290
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000019		mg/kg	N	UJ	EPA 8290
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	General Chemistry	Moisture	MOIST	6.7	6.7	percent	Y		ASTM 2216
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Aluminum	7429-90-5	8960	8960	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Antimony	7440-36-0	2.4	2.4	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Arsenic	7440-38-2	2.15	2.15	mg/kg	Y		EPA 6020
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Barium	7440-39-3	146	146	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Beryllium	7440-41-7	0.373	0.373	mg/kg	Y		EPA 6020
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Boron	7440-42-8	3.9	3.9	mg/kg	Y	J	EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Cadmium	7440-43-9	0.08	0.08	mg/kg	Y	J	EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Calcium	7440-70-2	24400	24400	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Chromium (total)	7440-47-3	21	21	mg/kg	Y		EPA 6020
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Chromium VI	18540-29-9	4.06	4.06	mg/kg	Y		EPA 7199
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Cobalt	7440-48-4	7.6	7.6	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Copper	7440-50-8	19.2	19.2	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Iron	7439-89-6	17600	17600	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Lead	7439-92-1	8.9	8.9	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Magnesium	7439-95-4	10000	10000	mg/kg	Y		EPA 6010B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Manganese	7439-96-5	312	312	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Mercury	7439-97-6	0.009	0.009	mg/kg	Y	J	EPA 7471A
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Molybdenum	7439-98-7	0.5	0.5	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Nickel	7440-02-0	16.7	16.7	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Platinum	7440-06-4	0.008	0.008	mg/kg	Y	J	EPA 6020
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Potassium	7440-09-7	2380	2380	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Sodium	7440-23-5	3520	3520	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Strontium	7440-24-6	125	125	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Thallium	7440-28-0	0.077	0.077	mg/kg	Y		EPA 6020
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Tin	7440-31-5	5.9	5.9	mg/kg	Y	J	EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Titanium	7440-32-6	942	942	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Tungsten	7440-33-7	0.24	0.24	mg/kg	Y		EPA 6020
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Uranium (total)	7440-61-1	0.729	0.729	mg/kg	Y		EPA 6020
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Vanadium	7440-62-2	56.4	56.4	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	Metals	Zinc	7440-66-6	34.2	34.2	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	OCPs	Hexachlorobenzene	118-74-1	0.015	0.015	mg/kg	Y		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00059		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	PAHs	Acenaphthylene	208-96-8	0.00078		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0006		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00071		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00087		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00081		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	PAHs	Fluorene	86-73-7	0.00072		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00093		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	PAHs	Naphthalene	91-20-3	0.00088		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	SVOCs	1,4-Dioxane	123-91-1	0.0052		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	SVOCs	Dimethylphthalate	131-11-3	0.00093		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.035		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	TPH	Oil Range Organics	TPH-MOTOR	33		mg/kg	N		EPA 8015B
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	33		mg/kg	N		EPA 8015B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000042	0.0000042	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000047	0.000047	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000045	0.0000045	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00002	0.00002	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000018	0.000018	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000069	0.00000069	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000011	0.0000011	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000017	0.0000017	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000001	0.000001	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000086	0.0000086	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000081	0.00000081	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000035	0.0000035	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000053	0.0000053	mg/kg	Y		EPA 8290
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000061	0.0000061	mg/kg	Y	J	EPA 8290
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000029	0.00000029	mg/kg	Y	J	EPA 8290
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	General Chemistry	Moisture	MOIST	6.5	6.5	percent	Y		ASTM 2216
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Aluminum	7429-90-5	9200	9200	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Antimony	7440-36-0	2.1	2.1	mg/kg	Y	J	EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Arsenic	7440-38-2	2.37	2.37	mg/kg	Y		EPA 6020
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Barium	7440-39-3	173	173	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Beryllium	7440-41-7	0.397	0.397	mg/kg	Y		EPA 6020
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Boron	7440-42-8	5.5	5.5	mg/kg	Y	J	EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Cadmium	7440-43-9	0.06	0.06	mg/kg	Y	J	EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Calcium	7440-70-2	27900	27900	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Chromium (total)	7440-47-3	32.4	32.4	mg/kg	Y		EPA 6020

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Chromium VI	18540-29-9	4.37	4.37	mg/kg	Y		EPA 7199
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Cobalt	7440-48-4	8	8	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Copper	7440-50-8	20.3	20.3	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Iron	7439-89-6	17300	17300	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Lead	7439-92-1	9.9	9.9	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Magnesium	7439-95-4	10500	10500	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Manganese	7439-96-5	355	355	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Mercury	7439-97-6	0.012	0.012	mg/kg	Y	J	EPA 7471A
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Molybdenum	7439-98-7	0.51	0.51	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Nickel	7440-02-0	16.5	16.5	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Platinum	7440-06-4	0.008	0.008	mg/kg	Y	J	EPA 6020
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Potassium	7440-09-7	2550	2550	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Sodium	7440-23-5	3620	3620	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Strontium	7440-24-6	128	128	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Thallium	7440-28-0	0.078	0.078	mg/kg	Y		EPA 6020
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Tin	7440-31-5	5.5	5.5	mg/kg	Y	J	EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Titanium	7440-32-6	916	916	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Tungsten	7440-33-7	0.21	0.21	mg/kg	Y		EPA 6020
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Uranium (total)	7440-61-1	0.787	0.787	mg/kg	Y		EPA 6020
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Vanadium	7440-62-2	52.8	52.8	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	Metals	Zinc	7440-66-6	33.5	33.5	mg/kg	Y		EPA 6010B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	OCPs	Hexachlorobenzene	118-74-1	0.033	0.033	mg/kg	Y		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00059		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	PAHs	Acenaphthylene	208-96-8	0.00078		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0006		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00071		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00087		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00081		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	PAHs	Fluorene	86-73-7	0.00073		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00093		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	PAHs	Naphthalene	91-20-3	0.00089		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	PAHs	Pyrene	129-00-0	0.0014	0.0014	mg/kg	Y	J	EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	SVOCs	1,4-Dioxane	123-91-1	0.0052		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	SVOCs	Dimethylphthalate	131-11-3	0.00094		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.037	0.037	mg/kg	Y	J	EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	TPH	Oil Range Organics	TPH-MOTOR	33		mg/kg	N		EPA 8015B
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	33		mg/kg	N		EPA 8015B
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Chlorine Oxyanions	Chlorate	14866-68-3	1.9	1.9	mg/kg	Y	J	EPA 9056
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Chlorine Oxyanions	Perchlorate	14797-73-0	6.41	6.41	mg/kg	Y		EPA 314.0
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	General Chemistry	Alkalinity	ALK	409	409	mg/kg	Y		EPA 310.1
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	General Chemistry	Alkalinity (as CaCO3)	ALKA	337	337	mg/kg	Y		EPA 310.1
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	General Chemistry	Ammonia	7664-41-7	6.80914134		mg/kg	N	UJ	EPA 350.1
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	General Chemistry	Bromide	24959-67-9	2.8		mg/kg	N	U	EPA 9056
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	General Chemistry	Chloride	16887-00-6	7.1	7.1	mg/kg	Y		EPA 9056
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	General Chemistry	Cyanide (total)	57-12-5	0.56		mg/kg	N	UJ	EPA 9012A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	General Chemistry	Hydrogen carbonate	71-52-3	72.9	72.9	mg/kg	Y		EPA 310.1
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	U	SM 5540C
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	General Chemistry	Moisture	MOIST	10	10	percent	Y		EPA 160.3
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	General Chemistry	Nitrate	14797-55-8	3.764285714	3.764285714	mg/kg	Y	J+	EPA 9056
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	General Chemistry	Nitrite	14797-65-0	0.22		mg/kg	N	U	EPA 9056
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	General Chemistry	ortho-Phosphate	11-36-9	5.6		mg/kg	N	U	EPA 9056
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	General Chemistry	pH	PH	8.1	8.1	SU	Y		EPA 9045
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	General Chemistry	Sulfate	14808-79-8	153	153	mg/kg	Y	J+	EPA 9056
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	General Chemistry	Total Organic Carbon	TOC	1980	1980	mg/kg	Y		EPA 9060
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Aluminum	7429-90-5	7740	7740	mg/kg	Y		EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Antimony	7440-36-0	0.14	0.14	mg/kg	Y	J-	EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Arsenic	7440-38-2	2.9	2.9	mg/kg	Y		EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Barium	7440-39-3	168	168	mg/kg	Y	J	EPA 6020

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Beryllium	7440-41-7	0.51	0.51	mg/kg	Y		EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Boron	7440-42-8	9	9	mg/kg	Y	J	EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Cadmium	7440-43-9	0.11	0.11	mg/kg	Y		EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Calcium	7440-70-2	21700	21700	mg/kg	Y		EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Chromium (total)	7440-47-3	8.2	8.2	mg/kg	Y	J-	EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Chromium VI	18540-29-9	0.22		mg/kg	N	U	EPA 7199
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Cobalt	7440-48-4	5.5	5.5	mg/kg	Y	J-	EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Copper	7440-50-8	13.1	13.1	mg/kg	Y	J	EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Iron	7439-89-6	12000	12000	mg/kg	Y		EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Lead	7439-92-1	8.1	8.1	mg/kg	Y		EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Magnesium	7439-95-4	5670	5670	mg/kg	Y	J-	EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Manganese	7439-96-5	248	248	mg/kg	Y		EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Mercury	7439-97-6	0.018	0.018	mg/kg	Y	J	EPA 7471
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Molybdenum	7439-98-7	0.67	0.67	mg/kg	Y		EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Nickel	7440-02-0	11.6	11.6	mg/kg	Y	J-	EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Platinum	7440-06-4	0.012	0.012	mg/kg	Y	J	EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Potassium	7440-09-7	2110	2110	mg/kg	Y		EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Selenium	7782-49-2	0.12		mg/kg	N	U	EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Silver	7440-22-4	0.13	0.13	mg/kg	Y	J	EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Sodium	7440-23-5	662	662	mg/kg	Y	J-	EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Strontium	7440-24-6	211	211	mg/kg	Y	J	EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Thallium	7440-28-0	0.086	0.086	mg/kg	Y	J	EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Tin	7440-31-5	0.51	0.51	mg/kg	Y		EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Titanium	7440-32-6	426	426	mg/kg	Y		EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Tungsten	7440-33-7	0.28	0.28	mg/kg	Y	J-	EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Uranium (total)	7440-61-1	0.87	0.87	mg/kg	Y		EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Vanadium	7440-62-2	29.1	29.1	mg/kg	Y	J-	EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	Metals	Zinc	7440-66-6	24.8	24.8	mg/kg	Y	J-	EPA 6020
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	4,4'-DDD	72-54-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	4,4'-DDE	72-55-9	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	4,4'-DDT	50-29-3	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	Aldrin	309-00-2	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	alpha-BHC	319-84-6	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	alpha-Chlordane	5103-71-9	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	beta-BHC	319-85-7	0.0028	0.0028	mg/kg	Y		EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	Chlordane (total)	57-74-9	0.011		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	delta-BHC	319-86-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	Dieldrin	60-57-1	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	Endosulfan I	959-98-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	Endosulfan II	33213-65-9	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	Endosulfan sulfate	1031-07-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	Endrin	72-20-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	Endrin aldehyde	7421-93-4	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	Endrin ketone	53494-70-5	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	gamma-BHC	58-89-9	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	gamma-Chlordane	5103-74-2	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	Heptachlor	76-44-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	Heptachlor epoxide	1024-57-3	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	Hexachlorobenzene	118-74-1	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	Methoxychlor	72-43-5	0.0037		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	Toxaphene	8001-35-2	0.056		mg/kg	N	U	EPA 8081
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Chlorpyrifos	2921-88-2	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Coumaphos	56-72-4	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Dasanit	115-90-2	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Demeton-O	298-03-3	0.043		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Demeton-S	126-75-0	0.017		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Diazinon	333-41-5	0.024		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Dichlorovos	62-73-7	0.026		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Dimethoate	60-51-5	0.024		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Disulfoton	298-04-4	0.053		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	EPN	2104-64-5	0.014		mg/kg	N	UJ	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Ethoprop	13194-48-4	0.017		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Famphur	52-85-7	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Fenthion	55-38-9	0.037		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Guthion	86-50-0	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Malathion	121-75-5	0.017		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Merphos	150-50-5	0.033		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Methyl parathion	298-00-0	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Mevinphos	7786-34-7	0.017		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Naled	300-76-5	0.037		mg/kg	N	UJ	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Parathion	56-38-2	0.02		mg/kg	N	UJ	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Phorate	298-02-2	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Prothiophos	34643-46-4	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Ronnel	299-84-3	0.02		mg/kg	N	U	EPA 8141A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Stirophos	22248-79-9	0.017		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Sulfotepp	3689-24-5	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Sulprofos	35400-43-2	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Thionazin	297-97-2	0.02		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OPPs	Trichloronate	327-98-0	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PAHs	2-Methylnaphthalene	91-57-6	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PAHs	Acenaphthene	83-32-9	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PAHs	Acenaphthylene	208-96-8	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PAHs	Anthracene	120-12-7	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PAHs	Benzo(a)anthracene	56-55-3	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PAHs	Benzo(a)pyrene	50-32-8	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PAHs	Benzo(b)fluoranthene	205-99-2	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PAHs	Benzo(g,h,i)perylene	191-24-2	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PAHs	Benzo(k)fluoranthene	207-08-9	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PAHs	Chrysene	218-01-9	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PAHs	Dibenz(a,h)anthracene	53-70-3	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PAHs	Fluoranthene	206-44-0	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PAHs	Fluorene	86-73-7	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PAHs	Naphthalene	91-20-3	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PAHs	Phenanthrene	85-01-8	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PAHs	Pyrene	129-00-0	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PCBs	Aroclor-1016	12674-11-2	0.037		mg/kg	N	U	EPA 8082
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PCBs	Aroclor-1221	11104-28-2	0.037		mg/kg	N	U	EPA 8082
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PCBs	Aroclor-1232	11141-16-5	0.037		mg/kg	N	U	EPA 8082
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PCBs	Aroclor-1242	53469-21-9	0.037		mg/kg	N	U	EPA 8082
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PCBs	Aroclor-1248	12672-29-6	0.037		mg/kg	N	U	EPA 8082
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PCBs	Aroclor-1254	11097-69-1	0.037		mg/kg	N	U	EPA 8082
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PCBs	Aroclor-1260	11096-82-5	0.037		mg/kg	N	U	EPA 8082
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	RAD	Radium-226	Ra-226	1.16	1.16	pCi/g	Y	J+	HASL-300 GAMMA
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	RAD	Radium-228	Ra-228	1.79	1.79	pCi/g	Y	J+	HASL-300 GAMMA
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	SVOCs	1,4-Dioxane	123-91-1	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	SVOCs	Butylbenzylphthalate	85-68-7	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	SVOCs	Diethylphthalate	84-66-2	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	SVOCs	Dimethylphthalate	131-11-3	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	SVOCs	Di-n-butylphthalate	84-74-2	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	SVOCs	Di-n-octylphthalate	117-84-0	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	SVOCs	Hexachlorobutadiene	87-68-3	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	SVOCs	Nitrobenzene	98-95-3	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	SVOCs	Octachlorostyrene	29082-74-4	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	SVOCs	Pyridine	110-86-1	1.8		mg/kg	N	U	EPA 8270
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	1,1,1-Trichloroethane	71-55-6	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	1,1,2-Trichloroethane	79-00-5	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	1,1-Dichloroethane	75-34-3	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	1,1-Dichloroethene	75-35-4	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	1,1-Dichloropropene	563-58-6	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	1,2,3-Trichloropropane	96-18-4	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0056		mg/kg	N	UJ	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	1,2-Dibromoethane	106-93-4	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	1,2-Dichlorobenzene	95-50-1	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	1,2-Dichloroethane	107-06-2	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	1,2-Dichloropropane	78-87-5	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	1,3-Dichlorobenzene	541-73-1	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	1,3-Dichloropropane	142-28-9	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	1,4-Dichlorobenzene	106-46-7	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	2,2-Dichloropropane	594-20-7	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	2-Butanone	78-93-3	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	2-Chlorotoluene	95-49-8	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	2-Hexanone	591-78-6	0.011		mg/kg	N	UJ	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	4-Chlorotoluene	106-43-4	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	4-Methyl-2-pentanone	108-10-1	0.011		mg/kg	N	UJ	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Acetone	67-64-1	0.0043	0.0043	mg/kg	Y	J	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Benzene	71-43-2	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Bromobenzene	108-86-1	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Bromochloromethane	74-97-5	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Bromodichloromethane	75-27-4	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Bromoform	75-25-2	0.0056		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Bromomethane	74-83-9	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Carbon tetrachloride	56-23-5	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Chlorobenzene	108-90-7	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Chloroethane	75-00-3	0.0056		mg/kg	N	UJ	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Chloroform	67-66-3	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Chloromethane	74-87-3	0.0056		mg/kg	N	UJ	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Cumene	98-82-8	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Dibromochloromethane	124-48-1	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Dibromomethane	74-95-3	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Dichlorodifluoromethane	75-71-8	0.0056		mg/kg	N	UJ	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Diisopropyl ether	108-20-3	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Ethyl benzene	100-41-4	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Ethyl tert-butyl ether	637-92-3	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Methyl tert-butyl ether	1634-04-4	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Methylene Chloride	75-09-2	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	n-Butylbenzene	104-51-8	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	n-Propylbenzene	103-65-1	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	p-Cymene	99-87-6	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	sec-Butylbenzene	135-98-8	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Styrene	100-42-5	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	t-Amyl methyl ether	994-05-8	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	tert Butyl alcohol	75-65-0	0.0056		mg/kg	N	UJ	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	tert-Butylbenzene	98-06-6	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Tetrachloroethene	127-18-4	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Toluene	108-88-3	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Trichloroethene	79-01-6	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Trichlorofluoromethane	75-69-4	0.0056		mg/kg	N	UJ	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Vinyl chloride	75-01-4	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	VOCs	Xylenes (total)	1330-20-7	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0073	0.0073	mg/kg	Y	J	EPA 8290
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0002	0.0002	mg/kg	Y		EPA 8290
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0026	0.0026	mg/kg	Y	J	EPA 8290
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00021	0.00021	mg/kg	Y	J	EPA 8290
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0011	0.0011	mg/kg	Y	J	EPA 8290
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0011	0.0011	mg/kg	Y	J	EPA 8290
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000031	0.000031	mg/kg	Y		EPA 8290
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00078	0.00078	mg/kg	Y	J	EPA 8290
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000058	0.000058	mg/kg	Y		EPA 8290
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000044	0.000044	mg/kg	Y		EPA 8290
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00051	0.00051	mg/kg	Y		EPA 8290
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000038	0.000038	mg/kg	Y		EPA 8290
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00025	0.00025	mg/kg	Y	J	EPA 8290
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00025	0.00025	mg/kg	Y	J	EPA 8290
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000095	0.0000095	mg/kg	Y		EPA 8290
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	General Chemistry	Moisture	MOIST	5	5	percent	Y		ASTM 2216
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	OCPs	Hexachlorobenzene	118-74-1	0.35	0.35	mg/kg	Y		EPA 8270C
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.021	0.021	mg/kg	Y	J	EPA 8290
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00053	0.00053	mg/kg	Y		EPA 8290
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0074	0.0074	mg/kg	Y	J	EPA 8290
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00052	0.00052	mg/kg	Y	J	EPA 8290
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0031	0.0031	mg/kg	Y	J	EPA 8290
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0035	0.0035	mg/kg	Y		EPA 8290
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000077	0.000077	mg/kg	Y		EPA 8290
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0021	0.0021	mg/kg	Y	J	EPA 8290
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00016	0.00016	mg/kg	Y		EPA 8290
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00021	0.00021	mg/kg	Y		EPA 8290
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0019	0.0019	mg/kg	Y		EPA 8290
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00035	0.00035	mg/kg	Y		EPA 8290
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00074	0.00074	mg/kg	Y	J	EPA 8290
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00072	0.00072	mg/kg	Y	J	EPA 8290
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00003	0.00003	mg/kg	Y		EPA 8290
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	General Chemistry	Moisture	MOIST	5	5	percent	Y		ASTM 2216
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	OCPs	Hexachlorobenzene	118-74-1	0.43	0.43	mg/kg	Y		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Chlorine Oxyanions	Chlorate	14866-68-3	9.8	9.8	mg/kg	Y		EPA 300.1M
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	3.18	3.18	mg/kg	Y		EPA 314.0M
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000054	0.0000054	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000011	0.0000011	mg/kg	Y	J	EPA 8290
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000022	0.0000022	mg/kg	Y	J	EPA 8290
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000042	0.00000042	mg/kg	Y	J	EPA 8290
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000001	0.000001	mg/kg	Y	J	EPA 8290
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000015	0.0000015	mg/kg	Y	J	EPA 8290
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000026		mg/kg	N		EPA 8290
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000011	0.0000011	mg/kg	Y	J	EPA 8290
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000022	0.00000022	mg/kg	Y	JK	EPA 8290
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000033	0.00000033	mg/kg	Y	J	EPA 8290
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000023	0.00000023	mg/kg	Y	J	EPA 8290
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000095	0.00000095	mg/kg	Y	J	EPA 8290
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000026		mg/kg	N		EPA 8290
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000047	0.00000047	mg/kg	Y	JK	EPA 8290
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000005	0.0000005	mg/kg	Y	J	EPA 8290
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000052		mg/kg	N		EPA 8290
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000052		mg/kg	N		EPA 8290
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	259	259	mg/kg	Y		SM 2320B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	General Chemistry	Carbonate as CO3	3812-32-6	6	6	mg/kg	Y	J	SM 2320B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	General Chemistry	Chloride	16887-00-6	1020	1020	mg/kg	Y	J+	EPA 9056
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	General Chemistry	Hydrogen carbonate	71-52-3	253	253	mg/kg	Y		SM 2320B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	General Chemistry	Methylene Blue Active Substances	MBAS	1.5	1.5	mg/kg	Y	J	SM 5540C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	General Chemistry	Moisture	MOIST	5.9	5.9	percent	Y		ASTM 2216
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	General Chemistry	Nitrate	14797-55-8	24.71142857	24.71142857	mg/kg	Y	J+	EPA 9056
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	General Chemistry	pH	PH	8.27	8.27	SU	Y		EPA 9045D
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	General Chemistry	Sulfate	14808-79-8	408	408	mg/kg	Y	J+	EPA 9056
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	General Chemistry	Total Organic Carbon	TOC	620	620	mg/kg	Y		LLOYD KAHN
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Aluminum	7429-90-5	10700	10700	mg/kg	Y		EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Arsenic	7440-38-2	1.57	1.57	mg/kg	Y		EPA 6020
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Barium	7440-39-3	200	200	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Beryllium	7440-41-7	0.435	0.435	mg/kg	Y	J	EPA 6020
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Boron	7440-42-8	6.4	6.4	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Calcium	7440-70-2	15000	15000	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Chromium (total)	7440-47-3	6.63	6.63	mg/kg	Y		EPA 6020
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Cobalt	7440-48-4	8.4	8.4	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Copper	7440-50-8	19.7	19.7	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Iron	7439-89-6	16800	16800	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Lead	7439-92-1	10.6	10.6	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Magnesium	7439-95-4	9630	9630	mg/kg	Y		EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Manganese	7439-96-5	461	461	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Mercury	7439-97-6	0.032	0.032	mg/kg	Y		EPA 7471A
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Molybdenum	7439-98-7	0.95	0.95	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Nickel	7440-02-0	15.9	15.9	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Phosphorus (total)	7723-14-0	794	794	mg/kg	Y		EPA 365.1M
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Platinum	7440-06-4	0.008	0.008	mg/kg	Y	J	EPA 6020
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Potassium	7440-09-7	6120	6120	mg/kg	Y		EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Sodium	7440-23-5	946	946	mg/kg	Y		EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Strontium	7440-24-6	138	138	mg/kg	Y		EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Thallium	7440-28-0	0.17	0.17	mg/kg	Y	J	EPA 6020
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Tin	7440-31-5	4	4	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Titanium	7440-32-6	881	881	mg/kg	Y		EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Tungsten	7440-33-7	0.81	0.81	mg/kg	Y	J	EPA 6020
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Uranium (total)	7440-61-1	0.829	0.829	mg/kg	Y		EPA 6020
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Vanadium	7440-62-2	49	49	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	Metals	Zinc	7440-66-6	39.2	39.2	mg/kg	Y		EPA 6010B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	OCPs	Hexachlorobenzene	118-74-1	0.011	0.011	mg/kg	Y		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00059		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	PAHs	Acenaphthylene	208-96-8	0.00078		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00061		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00071		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00087		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00081		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	PAHs	Fluorene	86-73-7	0.00073		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00093		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	PAHs	Naphthalene	91-20-3	0.00089		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	RAD	Radium-226	Ra-226	0.427	0.427	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	RAD	Radium-228	Ra-228	1.6	1.6	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	RAD	Thorium-228	Th-228	1.54	1.54	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	RAD	Thorium-230	Th-230	0.801	0.801	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	RAD	Thorium-232	Th-232	1.34	1.34	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	RAD	Uranium-234	U-234	0.871	0.871	pCi/g	Y		DOE EML HASL-300 U MOD
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	RAD	Uranium-235	U-235	0.0398		pCi/g	N		DOE EML HASL-300 U MOD
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	RAD	Uranium-238	U-238	0.886	0.886	pCi/g	Y		DOE EML HASL-300 U MOD
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	SVOCs	1,4-Dioxane	123-91-1	0.0052		mg/kg	N	UJ	EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	SVOCs	Dimethylphthalate	131-11-3	0.00094		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.035		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00087		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00067		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00083		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00062		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0011		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00072		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0008		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00045		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00045		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00081		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	2-Butanone	78-93-3	0.00088		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	2-Chlorotoluene	95-49-8	0.00071		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	2-Hexanone	591-78-6	0.00082		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	4-Chlorotoluene	106-43-4	0.00063		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00075		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Acetone	67-64-1	0.0071	0.0071	mg/kg	Y	J	EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Benzene	71-43-2	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Bromobenzene	108-86-1	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Bromochloromethane	74-97-5	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Bromodichloromethane	75-27-4	0.00059		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Bromoform	75-25-2	0.00049		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Bromomethane	74-83-9	0.0009		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Carbon tetrachloride	56-23-5	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Chlorobenzene	108-90-7	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Chloroethane	75-00-3	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Chloroform	67-66-3	0.00096	0.00096	mg/kg	Y	J	EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Chloromethane	74-87-3	0.00066		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Cumene	98-82-8	0.00058		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Dibromochloromethane	124-48-1	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Dibromomethane	74-95-3	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Diisopropyl ether	108-20-3	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Ethyl benzene	100-41-4	0.0011		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00028		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	m,p-Xylene	179601-23-1	0.0011		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Methylene Chloride	75-09-2	0.00082	0.00082	mg/kg	Y	J	EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	n-Butylbenzene	104-51-8	0.00088		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	n-Propylbenzene	103-65-1	0.00059		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	o-Xylene	95-47-6	0.00073		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	p-Cymene	99-87-6	0.00074		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	sec-Butylbenzene	135-98-8	0.00075		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Styrene	100-42-5	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00013		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	tert Butyl alcohol	75-65-0	0.0081		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	tert-Butylbenzene	98-06-6	0.00064		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Tetrachloroethene	127-18-4	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Toluene	108-88-3	0.00053	0.00053	mg/kg	Y	J	EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Trichloroethene	79-01-6	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	VOCs	Vinyl chloride	75-01-4	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Chlorine Oxyanions	Chlorate	14866-68-3	11.1	11.1	mg/kg	Y	J-	EPA 300.1M
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	3.56	3.56	mg/kg	Y		EPA 314.0M
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000013	0.000013	mg/kg	Y	J	EPA 8290
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000011	0.0000011	mg/kg	Y	J	EPA 8290
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000005	0.000005	mg/kg	Y		EPA 8290
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000036	0.00000036	mg/kg	Y	JK	EPA 8290
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000017	0.0000017	mg/kg	Y	J	EPA 8290
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000022	0.0000022	mg/kg	Y	J	EPA 8290
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000027		mg/kg	N		EPA 8290
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000015	0.0000015	mg/kg	Y	J	EPA 8290
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000027		mg/kg	N		EPA 8290
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000027		mg/kg	N		EPA 8290
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000027		mg/kg	N		EPA 8290
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000001	0.000001	mg/kg	Y	J	EPA 8290
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000027		mg/kg	N		EPA 8290
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000039	0.00000039	mg/kg	Y	JK	EPA 8290
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000052	0.00000052	mg/kg	Y	JK	EPA 8290
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000051	0.00000051	mg/kg	Y	JK	EPA 8290
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000054		mg/kg	N		EPA 8290
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	269	269	mg/kg	Y		SM 2320B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	General Chemistry	Carbonate as CO3	3812-32-6	8	8	mg/kg	Y	J	SM 2320B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	General Chemistry	Chloride	16887-00-6	1060	1060	mg/kg	Y	J+	EPA 9056
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	General Chemistry	Hydrogen carbonate	71-52-3	260	260	mg/kg	Y		SM 2320B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N		SM 5540C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	General Chemistry	Moisture	MOIST	6.7	6.7	percent	Y		ASTM 2216
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	General Chemistry	Nitrate	14797-55-8	25.15428571	25.15428571	mg/kg	Y	J+	EPA 9056
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	General Chemistry	pH	PH	8.22	8.22	SU	Y		EPA 9045D
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	General Chemistry	Sulfate	14808-79-8	444	444	mg/kg	Y	J+	EPA 9056
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	General Chemistry	Total Organic Carbon	TOC	620	620	mg/kg	Y		LLOYD KAHN
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Aluminum	7429-90-5	10300	10300	mg/kg	Y		EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Antimony	7440-36-0	0.7	0.7	mg/kg	Y	J-	EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Arsenic	7440-38-2	1.81	1.81	mg/kg	Y		EPA 6020
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Barium	7440-39-3	188	188	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Beryllium	7440-41-7	0.485	0.485	mg/kg	Y	J	EPA 6020
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Boron	7440-42-8	6.1	6.1	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Calcium	7440-70-2	51300	51300	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Chromium (total)	7440-47-3	7.53	7.53	mg/kg	Y		EPA 6020
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Cobalt	7440-48-4	7.4	7.4	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Copper	7440-50-8	18.3	18.3	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Iron	7439-89-6	15300	15300	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Lead	7439-92-1	9.2	9.2	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Magnesium	7439-95-4	9680	9680	mg/kg	Y		EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Manganese	7439-96-5	404	404	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Mercury	7439-97-6	0.024	0.024	mg/kg	Y		EPA 7471A
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Molybdenum	7439-98-7	1.05	1.05	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Nickel	7440-02-0	14.4	14.4	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Phosphorus (total)	7723-14-0	702	702	mg/kg	Y		EPA 365.1M
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Platinum	7440-06-4	0.01	0.01	mg/kg	Y	J	EPA 6020
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Potassium	7440-09-7	5500	5500	mg/kg	Y		EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Selenium	7782-49-2	0.8		mg/kg	N		EPA 6010B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Sodium	7440-23-5	864	864	mg/kg	Y		EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Strontium	7440-24-6	167	167	mg/kg	Y		EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Thallium	7440-28-0	0.177	0.177	mg/kg	Y	J	EPA 6020
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Tin	7440-31-5	4.1	4.1	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Titanium	7440-32-6	853	853	mg/kg	Y		EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Tungsten	7440-33-7	0.81	0.81	mg/kg	Y	J	EPA 6020
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Uranium (total)	7440-61-1	0.958	0.958	mg/kg	Y		EPA 6020
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Vanadium	7440-62-2	43.9	43.9	mg/kg	Y	J	EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	Metals	Zinc	7440-66-6	35.1	35.1	mg/kg	Y		EPA 6010B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	OCPs	Hexachlorobenzene	118-74-1	0.00088		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00059		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	PAHs	Acenaphthylene	208-96-8	0.00078		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0006		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00071		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00087		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00081		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	PAHs	Fluorene	86-73-7	0.00073		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00093		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	PAHs	Naphthalene	91-20-3	0.00089		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	RAD	Radium-226	Ra-226	0.738	0.738	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	RAD	Radium-228	Ra-228	1.77	1.77	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	RAD	Thorium-228	Th-228	1.36	1.36	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	RAD	Thorium-230	Th-230	0.844	0.844	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	RAD	Thorium-232	Th-232	1.35	1.35	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	RAD	Uranium-234	U-234	0.872	0.872	pCi/g	Y		DOE EML HASL-300 U MOD
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	RAD	Uranium-235	U-235	-0.0263		pCi/g	N		DOE EML HASL-300 U MOD
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	RAD	Uranium-238	U-238	0.902	0.902	pCi/g	Y		DOE EML HASL-300 U MOD
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	SVOCs	1,4-Dioxane	123-91-1	0.0052		mg/kg	N	UJ	EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0039	0.0039	mg/kg	Y	J	EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	SVOCs	Dimethylphthalate	131-11-3	0.00093		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.035		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00079		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00076		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00093		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00065		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00072		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00073		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	2-Butanone	78-93-3	0.0008		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	2-Chlorotoluene	95-49-8	0.00064		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	2-Hexanone	591-78-6	0.00074		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	4-Chlorotoluene	106-43-4	0.00057		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Acetone	67-64-1	0.0068	0.0068	mg/kg	Y	J	EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Benzene	71-43-2	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Bromobenzene	108-86-1	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Bromochloromethane	74-97-5	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Bromodichloromethane	75-27-4	0.00054		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Bromoform	75-25-2	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Bromomethane	74-83-9	0.00082		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Carbon tetrachloride	56-23-5	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Chlorobenzene	108-90-7	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Chloroethane	75-00-3	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Chloroform	67-66-3	0.0015	0.0015	mg/kg	Y	J	EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Chloromethane	74-87-3	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Cumene	98-82-8	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Dibromochloromethane	124-48-1	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Dibromomethane	74-95-3	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Diisopropyl ether	108-20-3	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Ethyl benzene	100-41-4	0.00092		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	m,p-Xylene	179601-23-1	0.00097		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Methylene Chloride	75-09-2	0.00098	0.00098	mg/kg	Y	J	EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	n-Butylbenzene	104-51-8	0.0008		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	n-Propylbenzene	103-65-1	0.00054		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	o-Xylene	95-47-6	0.00066		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	p-Cymene	99-87-6	0.00067		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	sec-Butylbenzene	135-98-8	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Styrene	100-42-5	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00012		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	tert Butyl alcohol	75-65-0	0.0073		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	tert-Butylbenzene	98-06-6	0.00058		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Tetrachloroethene	127-18-4	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Toluene	108-88-3	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Trichloroethene	79-01-6	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	VOCs	Vinyl chloride	75-01-4	0.00049		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.979	0.979	mg/kg	Y		EPA 300.1
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	23	23	mg/kg	Y		EPA 314.0
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00539	0.00539	mg/kg	Y	J	EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000255	0.0000255	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000324	0.000324	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000209	0.0000209	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000167	0.000167	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000132	0.000132	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000259	0.00000259	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000072	0.000072	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000608	0.00000608	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000127	0.0000127	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000635	0.00000635	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000587	0.0000587	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000504	0.00000504	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000487	0.0000487	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000295	0.0000295	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000316	0.0000316	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000131	0.00000131	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	HpCDD (total)	37871-00-4	0.0000323	0.0000323	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	HpCDF (total)	38998-75-3	0.000682	0.000682	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	HxCDD (total)	34465-46-8	0.000042	0.000042	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	HxCDF (total)	55684-94-1	0.000561	0.000561	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	PeCDD (total)	36088-22-9	0.0000367	0.0000367	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	PeCDF (total)	30402-15-4	0.000456	0.000456	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	TCDD (total)	41903-57-5	0.0000369	0.0000369	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Dioxins	TCDF (total)	30402-14-3	0.000415	0.000415	mg/kg	Y		EPA 8290
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	1480	1480	mg/kg	Y		SM 2320B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	General Chemistry	Ammonia	7664-41-7	1.276714001	1.276714001	mg/kg	Y		EPA 350.1
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	General Chemistry	Bromide	24959-67-9	0.2	0.2	mg/kg	Y	J	EPA 9056
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	General Chemistry	Carbonate as CO3	3812-32-6	205	205	mg/kg	Y		SM 2320B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	General Chemistry	Chloride	16887-00-6	117	117	mg/kg	Y		EPA 9056
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	General Chemistry	Hydrogen carbonate	71-52-3	1280	1280	mg/kg	Y		SM 2320B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	General Chemistry	Methylene Blue Active Substances	MBAS	0.8	0.8	mg/kg	Y	J	SM 5540C
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	General Chemistry	Nitrate	14797-55-8	23.07285714	23.07285714	mg/kg	Y		EPA 9056
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	General Chemistry	Nitrite	14797-65-0	0.24	0.24	mg/kg	Y		EPA 353.2
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	General Chemistry	pH	PH	9.2	9.2	SU	Y		EPA 9045D
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	General Chemistry	Sulfate	14808-79-8	12100	12100	mg/kg	Y		EPA 9056
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	General Chemistry	Total Organic Carbon	TOC	1460	1460	mg/kg	Y	J-	LLOYD KAHN
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Aluminum	7429-90-5	10000	10000	mg/kg	Y		EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Arsenic	7440-38-2	3.74	3.74	mg/kg	Y		EPA 6020
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Barium	7440-39-3	195	195	mg/kg	Y		EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Beryllium	7440-41-7	0.528	0.528	mg/kg	Y		EPA 6020
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Boron	7440-42-8	1100	1100	mg/kg	Y		EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Calcium	7440-70-2	18100	18100	mg/kg	Y		EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Chromium (total)	7440-47-3	10.3	10.3	mg/kg	Y		EPA 6020
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Chromium VI	18540-29-9	0.39	0.39	mg/kg	Y	J	EPA 7199
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Cobalt	7440-48-4	12.3	12.3	mg/kg	Y		EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Copper	7440-50-8	23.3	23.3	mg/kg	Y		EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Iron	7439-89-6	17400	17400	mg/kg	Y		EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Lead	7439-92-1	14.3	14.3	mg/kg	Y		EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Magnesium	7439-95-4	9350	9350	mg/kg	Y		EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Manganese	7439-96-5	665	665	mg/kg	Y		EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Mercury	7439-97-6	0.026	0.026	mg/kg	Y		EPA 7471
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Molybdenum	7439-98-7	1.26	1.26	mg/kg	Y	J	EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Nickel	7440-02-0	18.1	18.1	mg/kg	Y	J	EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Phosphorus (total)	7723-14-0	608	608	mg/kg	Y		EPA 365.1M
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Platinum	7440-06-4	0.03	0.03	mg/kg	Y	J	EPA 6020
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Potassium	7440-09-7	2360	2360	mg/kg	Y		EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Sodium	7440-23-5	6630	6630	mg/kg	Y		EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Strontium	7440-24-6	195	195	mg/kg	Y		EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Thallium	7440-28-0	0.173	0.173	mg/kg	Y		EPA 6020
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Tin	7440-31-5	4.1	4.1	mg/kg	Y	J	EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Titanium	7440-32-6	865	865	mg/kg	Y	J-	EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Tungsten	7440-33-7	3.1	3.1	mg/kg	Y	J-	EPA 6020
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Uranium (total)	7440-61-1	1.16	1.16	mg/kg	Y		EPA 6020
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Vanadium	7440-62-2	51.9	51.9	mg/kg	Y		EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	Metals	Zinc	7440-66-6	39.8	39.8	mg/kg	Y	J	EPA 6010
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	PAHs	Naphthalene	91-20-3	0.0011		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	RAD	Radium-226	Ra-226	0.459	0.459	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	RAD	Radium-228	Ra-228	0.982	0.982	pCi/g	Y	J	EPA 904.0 MOD
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	RAD	Thorium-228	Th-228	2.04	2.04	pCi/g	Y		DOE EML HASL-300
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	RAD	Thorium-230	Th-230	1.09	1.09	pCi/g	Y		DOE EML HASL-300
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	RAD	Thorium-232	Th-232	1.76	1.76	pCi/g	Y		DOE EML HASL-300
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	RAD	Uranium-234	U-234	1.07	1.07	pCi/g	Y		DOE EML HASL-300
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	RAD	Uranium-235	U-235	0.0409	0.0409	pCi/g	Y		DOE EML HASL-300
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	RAD	Uranium-238	U-238	1.01	1.01	pCi/g	Y		DOE EML HASL-300
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00088		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	TPH	Oil Range Organics	TPH-MOTOR	41		mg/kg	N		EPA 8015B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	41		mg/kg	N		EPA 8015B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00085		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00062		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00089		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00081		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00058		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00069		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	2-Butanone	78-93-3	0.00089		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	2-Chlorotoluene	95-49-8	0.00052		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	2-Hexanone	591-78-6	0.00082		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	4-Chlorotoluene	106-43-4	0.00064		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00076		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Acetone	67-64-1	0.013	0.013	mg/kg	Y	J	EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Benzene	71-43-2	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Bromobenzene	108-86-1	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Bromochloromethane	74-97-5	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Bromodichloromethane	75-27-4	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Bromoform	75-25-2	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Bromomethane	74-83-9	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Carbon tetrachloride	56-23-5	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Chlorobenzene	108-90-7	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Chloroethane	75-00-3	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Chloroform	67-66-3	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Chloromethane	74-87-3	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Cumene	98-82-8	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Dibromochloromethane	124-48-1	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Dibromomethane	74-95-3	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Diisopropyl ether	108-20-3	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Ethyl benzene	100-41-4	0.0011		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	m,p-Xylene	179601-23-1	0.00074		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Methylene Chloride	75-09-2	0.0036	0.0036	mg/kg	Y	J	EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	n-Butylbenzene	104-51-8	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	n-Propylbenzene	103-65-1	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	o-Xylene	95-47-6	0.00074		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	p-Cymene	99-87-6	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	sec-Butylbenzene	135-98-8	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Styrene	100-42-5	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00013		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	tert Butyl alcohol	75-65-0	0.0082		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	tert-Butylbenzene	98-06-6	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Tetrachloroethene	127-18-4	0.00058		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Toluene	108-88-3	0.00077	0.00077	mg/kg	Y	J	EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Trichloroethene	79-01-6	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	VOCs	Vinyl chloride	75-01-4	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-150	SA150-1BR	0.5-1	N	--	12/15/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000037	0.000037	mg/kg	Y	J	EPA 8290
DU-1	SA-150	SA150-1BR	0.5-1	N	--	12/15/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000012	0.0000012	mg/kg	Y	J	EPA 8290
DU-1	SA-150	SA150-1BR	0.5-1	N	--	12/15/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000015	0.000015	mg/kg	Y	J	EPA 8290
DU-1	SA-150	SA150-1BR	0.5-1	N	--	12/15/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000015	0.0000015	mg/kg	Y	J	EPA 8290
DU-1	SA-150	SA150-1BR	0.5-1	N	--	12/15/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000067	0.0000067	mg/kg	Y		EPA 8290
DU-1	SA-150	SA150-1BR	0.5-1	N	--	12/15/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000048	0.0000048	mg/kg	Y	J	EPA 8290
DU-1	SA-150	SA150-1BR	0.5-1	N	--	12/15/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000033		mg/kg	N		EPA 8290
DU-1	SA-150	SA150-1BR	0.5-1	N	--	12/15/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000033	0.0000033	mg/kg	Y	J	EPA 8290
DU-1	SA-150	SA150-1BR	0.5-1	N	--	12/15/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000037	0.00000037	mg/kg	Y		EPA 8290
DU-1	SA-150	SA150-1BR	0.5-1	N	--	12/15/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000053	0.00000053	mg/kg	Y		EPA 8290
DU-1	SA-150	SA150-1BR	0.5-1	N	--	12/15/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000052	0.00000052	mg/kg	Y		EPA 8290
DU-1	SA-150	SA150-1BR	0.5-1	N	--	12/15/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000026	0.0000026	mg/kg	Y	J	EPA 8290
DU-1	SA-150	SA150-1BR	0.5-1	N	--	12/15/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000041		mg/kg	N		EPA 8290
DU-1	SA-150	SA150-1BR	0.5-1	N	--	12/15/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000087	0.00000087	mg/kg	Y	J	EPA 8290
DU-1	SA-150	SA150-1BR	0.5-1	N	--	12/15/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000013	0.0000013	mg/kg	Y	J	EPA 8290
DU-1	SA-150	SA150-1BR	0.5-1	N	--	12/15/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000023	0.0000023	mg/kg	Y	J	EPA 8290
DU-1	SA-150	SA150-1BR	0.5-1	N	--	12/15/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000021		mg/kg	N	UJ	EPA 8290
DU-1	SA-150	SA150-1BR	0.5-1	N	--	12/15/2009	General Chemistry	Moisture	MOIST	5.5	5.5	percent	Y		ASTM 2216
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Chlorine Oxyanions	Chlorate	14866-68-3	31	31	mg/kg	Y	J+	EPA 300.1M
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	101	101	mg/kg	Y		EPA 314.0M
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000059	0.0000059	mg/kg	Y	J	EPA 8290
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00002	0.00002	mg/kg	Y	J	EPA 8290
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000019	0.0000019	mg/kg	Y	J	EPA 8290
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000019	0.0000019	mg/kg	Y	J	EPA 8290
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000084	0.00000084	mg/kg	Y	J	EPA 8290
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000013	0.0000013	mg/kg	Y	J	EPA 8290
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000026		mg/kg	N		EPA 8290
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000077	0.00000077	mg/kg	Y	J	EPA 8290
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000021	0.00000021	mg/kg	Y	JK	EPA 8290
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000023	0.00000023	mg/kg	Y	JK	EPA 8290
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000003	0.0000003	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000099	0.00000099	mg/kg	Y	JK	EPA 8290
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000026		mg/kg	N		EPA 8290
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000047	0.00000047	mg/kg	Y	J	EPA 8290
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000084	0.00000084	mg/kg	Y	J	EPA 8290
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000001	0.000001	mg/kg	Y	J	EPA 8290
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000052		mg/kg	N		EPA 8290
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	136	136	mg/kg	Y		SM 2320B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	General Chemistry	Chloride	16887-00-6	1080	1080	mg/kg	Y		EPA 9056
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	General Chemistry	Hydrogen carbonate	71-52-3	136	136	mg/kg	Y		SM 2320B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N		SM 5540C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	General Chemistry	Nitrate	14797-55-8	131.5285714	131.5285714	mg/kg	Y	J+	EPA 9056
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	General Chemistry	Nitrite	14797-65-0	0.09	0.09	mg/kg	Y	J	EPA 353.2
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	General Chemistry	pH	PH	8.36	8.36	SU	Y		EPA 9045D
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	General Chemistry	Sulfate	14808-79-8	642	642	mg/kg	Y	J+	EPA 9056
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	General Chemistry	Total Organic Carbon	TOC	590	590	mg/kg	Y		LLOYD KAHN
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Aluminum	7429-90-5	8820	8820	mg/kg	Y		EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Arsenic	7440-38-2	2.59	2.59	mg/kg	Y	J	EPA 6020
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Barium	7440-39-3	147	147	mg/kg	Y		EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Beryllium	7440-41-7	0.472	0.472	mg/kg	Y		EPA 6020
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Boron	7440-42-8	8.6	8.6	mg/kg	Y	J	EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Cadmium	7440-43-9	0.1	0.1	mg/kg	Y		EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Calcium	7440-70-2	23700	23700	mg/kg	Y	J	EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Chromium (total)	7440-47-3	6.85	6.85	mg/kg	Y		EPA 6020
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Cobalt	7440-48-4	7.3	7.3	mg/kg	Y		EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Copper	7440-50-8	18.5	18.5	mg/kg	Y		EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Iron	7439-89-6	16800	16800	mg/kg	Y		EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Lead	7439-92-1	9	9	mg/kg	Y		EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Magnesium	7439-95-4	9990	9990	mg/kg	Y		EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Manganese	7439-96-5	316	316	mg/kg	Y	J-	EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Mercury	7439-97-6	0.01	0.01	mg/kg	Y	J	EPA 7471A
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Molybdenum	7439-98-7	0.36	0.36	mg/kg	Y		EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Nickel	7440-02-0	16.4	16.4	mg/kg	Y	J	EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Phosphorus (total)	7723-14-0	910	910	mg/kg	Y		EPA 365.1M
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Platinum	7440-06-4	0.012	0.012	mg/kg	Y	J	EPA 6020
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Potassium	7440-09-7	1940	1940	mg/kg	Y		EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Sodium	7440-23-5	1160	1160	mg/kg	Y		EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Strontium	7440-24-6	197	197	mg/kg	Y		EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Thallium	7440-28-0	0.135	0.135	mg/kg	Y		EPA 6020
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Tin	7440-31-5	4.5	4.5	mg/kg	Y	J	EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Titanium	7440-32-6	933	933	mg/kg	Y		EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Tungsten	7440-33-7	0.21	0.21	mg/kg	Y		EPA 6020
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Uranium (total)	7440-61-1	1.17	1.17	mg/kg	Y		EPA 6020
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Vanadium	7440-62-2	51.7	51.7	mg/kg	Y		EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	Metals	Zinc	7440-66-6	36.3	36.3	mg/kg	Y		EPA 6010B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	OCPs	Hexachlorobenzene	118-74-1	0.00087		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00059		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	PAHs	Acenaphthylene	208-96-8	0.00077		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0006		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0007		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00086		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0008		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	PAHs	Fluorene	86-73-7	0.00072		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00092		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	PAHs	Naphthalene	91-20-3	0.00088		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	RAD	Radium-226	Ra-226	0.782	0.782	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	RAD	Radium-228	Ra-228	1.38	1.38	pCi/g	Y	J	EPA 904.0 MOD
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	RAD	Thorium-228	Th-228	1.61	1.61	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	RAD	Thorium-230	Th-230	1.06	1.06	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	RAD	Thorium-232	Th-232	1.58	1.58	pCi/g	Y		DOE EML HASL-300 TH MOD

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	RAD	Uranium-234	U-234	0.92	0.92	pCi/g	Y		DOE EML HASL-300 U MOD
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	RAD	Uranium-235	U-235	0.0369	0.0369	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	RAD	Uranium-238	U-238	0.935	0.935	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	SVOCs	1,4-Dioxane	123-91-1	0.0052		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	SVOCs	Dimethylphthalate	131-11-3	0.00093		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.24	0.24	mg/kg	Y		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.0008		mg/kg	N	UJ	EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00062		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00049		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	1,1-Dichloroethene	75-35-4	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00076		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00094		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00066		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00073		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00074		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	2-Butanone	78-93-3	0.0012	0.0012	mg/kg	Y	J	EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	2-Chlorotoluene	95-49-8	0.00065		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	2-Hexanone	591-78-6	0.00075		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	4-Chlorotoluene	106-43-4	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00069		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Acetone	67-64-1	0.0016		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Benzene	71-43-2	0.00049		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Bromobenzene	108-86-1	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Bromochloromethane	74-97-5	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Bromodichloromethane	75-27-4	0.00054		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Bromoform	75-25-2	0.00045		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Bromomethane	74-83-9	0.00083		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Carbon tetrachloride	56-23-5	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Chlorobenzene	108-90-7	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Chloroethane	75-00-3	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Chloroform	67-66-3	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Chloromethane	74-87-3	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Cumene	98-82-8	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Dibromochloromethane	124-48-1	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Dibromomethane	74-95-3	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Diisopropyl ether	108-20-3	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Ethyl benzene	100-41-4	0.00093		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	m,p-Xylene	179601-23-1	0.00099		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Methylene Chloride	75-09-2	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	n-Butylbenzene	104-51-8	0.00081		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	n-Propylbenzene	103-65-1	0.00054		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	o-Xylene	95-47-6	0.00067		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	p-Cymene	99-87-6	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	sec-Butylbenzene	135-98-8	0.00069		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Styrene	100-42-5	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00012		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	tert Butyl alcohol	75-65-0	0.0074		mg/kg	N		EPA 8260B

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	tert-Butylbenzene	98-06-6	0.00058		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Tetrachloroethene	127-18-4	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Toluene	108-88-3	0.00041	0.00041	mg/kg	Y	J	EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Trichloroethene	79-01-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	VOCs	Vinyl chloride	75-01-4	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.414	0.414	mg/kg	Y	J	EPA 300.1M
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.352	0.352	mg/kg	Y		EPA 314.0
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000518	0.000518	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000159	0.0000159	mg/kg	Y		EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000187	0.000187	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000137	0.0000137	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000922	0.0000922	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000107	0.000107	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000197	0.00000197	mg/kg	Y	JK	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000063	0.000063	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000433	0.00000433	mg/kg	Y		EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00001	0.00001	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000059	0.0000059	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000052	0.000052	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000379	0.00000379	mg/kg	Y		EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000159	0.0000159	mg/kg	Y	JK	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000279	0.0000279	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000112	0.0000112	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000111	0.00000111	mg/kg	Y	JK	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	HpCDD (total)	37871-00-4	0.0000214	0.0000214	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	HpCDF (total)	38998-75-3	0.000405	0.000405	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	HxCDD (total)	34465-46-8	0.0000334	0.0000334	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	HxCDF (total)	55684-94-1	0.0004	0.0004	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	PeCDD (total)	36088-22-9	0.0000374	0.0000374	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	PeCDF (total)	30402-15-4	0.0005	0.0005	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	TCDD (total)	41903-57-5	0.0000263	0.0000263	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Dioxins	TCDF (total)	30402-14-3	0.000471	0.000471	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	466	466	mg/kg	Y		SM 2320B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	General Chemistry	Carbonate as CO3	3812-32-6	29	29	mg/kg	Y		SM 2320B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	General Chemistry	Chloride	16887-00-6	5.8	5.8	mg/kg	Y	J+	EPA 9056
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	General Chemistry	Cyanide (total)	57-12-5	0.5		mg/kg	N		EPA 9012A
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	General Chemistry	Hydrogen carbonate	71-52-3	437	437	mg/kg	Y		SM 2320B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.6		mg/kg	N		SM 5540C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	General Chemistry	Nitrate	14797-55-8	12.62142857	12.62142857	mg/kg	Y	J+	EPA 9056
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	General Chemistry	pH	PH	9.85	9.85	SU	Y		EPA 9045D
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	General Chemistry	Sulfate	14808-79-8	26.9	26.9	mg/kg	Y	J+	EPA 9056
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	General Chemistry	Total Organic Carbon	TOC	1750	1750	mg/kg	Y	J	LLOYD KAHN
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Aluminum	7429-90-5	6720	6720	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Arsenic	7440-38-2	1.48	1.48	mg/kg	Y		EPA 6020
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Barium	7440-39-3	133	133	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Beryllium	7440-41-7	0.337	0.337	mg/kg	Y		EPA 6020
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Boron	7440-42-8	4.4	4.4	mg/kg	Y	J	EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Calcium	7440-70-2	22500	22500	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Chromium (total)	7440-47-3	4.21	4.21	mg/kg	Y		EPA 6020
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Cobalt	7440-48-4	5.8	5.8	mg/kg	Y	J	EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Copper	7440-50-8	12.9	12.9	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Iron	7439-89-6	12200	12200	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Lead	7439-92-1	7.9	7.9	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Magnesium	7439-95-4	7230	7230	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Manganese	7439-96-5	346	346	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Mercury	7439-97-6	0.006	0.006	mg/kg	Y	J	EPA 7471
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Molybdenum	7439-98-7	0.42	0.42	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Nickel	7440-02-0	14.8	14.8	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Phosphorus (total)	7723-14-0	985	985	mg/kg	Y		EPA 365.1M
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Platinum	7440-06-4	0.01		mg/kg	N		EPA 6020
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Potassium	7440-09-7	2970	2970	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Sodium	7440-23-5	493	493	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Strontium	7440-24-6	104	104	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Thallium	7440-28-0	0.08	0.08	mg/kg	Y		EPA 6020
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Tin	7440-31-5	3.6	3.6	mg/kg	Y	J	EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Titanium	7440-32-6	639	639	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Tungsten	7440-33-7	0.13	0.13	mg/kg	Y	J-	EPA 6020
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Uranium (total)	7440-61-1	0.608	0.608	mg/kg	Y		EPA 6020
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Vanadium	7440-62-2	35.4	35.4	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	Metals	Zinc	7440-66-6	26	26	mg/kg	Y	J	EPA 6010
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	OCPs	Hexachlorobenzene	118-74-1	0.00086		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00058		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	PAHs	Acenaphthylene	208-96-8	0.00076		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00059		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00069		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00085		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	PAHs	Chrysene	218-01-9	0.001		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00079		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	PAHs	Fluorene	86-73-7	0.00071		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00091		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	PAHs	Naphthalene	91-20-3	0.0014	0.0014	mg/kg	Y	J	EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	PAHs	Pyrene	129-00-0	0.001		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	RAD	Radium-226	Ra-226	0.203	0.203	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	RAD	Radium-228	Ra-228	1.18	1.18	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	RAD	Thorium-228	Th-228	2.48	2.48	pCi/g	Y		DOE EML HASL-300
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	RAD	Thorium-230	Th-230	1.58	1.58	pCi/g	Y		DOE EML HASL-300
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	RAD	Thorium-232	Th-232	2.11	2.11	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	RAD	Uranium-234	U-234	0.879	0.879	pCi/g	Y		DOE EML HASL-300
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	RAD	Uranium-235	U-235	0.0323	0.0323	pCi/g	Y		DOE EML HASL-300
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	RAD	Uranium-238	U-238	0.844	0.844	pCi/g	Y		DOE EML HASL-300
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	SVOCs	1,4-Dioxane	123-91-1	0.0051		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	SVOCs	Dimethylphthalate	131-11-3	0.00091		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.034		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00074		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0036		mg/kg	N	UJ	EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	TPH	Oil Range Organics	TPH-MOTOR	42		mg/kg	N		EPA 8015B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	42		mg/kg	N		EPA 8015B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00016		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00071		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00075		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	1,2-Dibromoethane	106-93-4	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	1,3-Dichloropropane	142-28-9	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00058		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	2-Butanone	78-93-3	0.00075		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	2-Chlorotoluene	95-49-8	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	2-Hexanone	591-78-6	0.00069		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	4-Chlorotoluene	106-43-4	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00064		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Acetone	67-64-1	0.0098	0.0098	mg/kg	Y	J	EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Benzene	71-43-2	0.00021		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Bromobenzene	108-86-1	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Bromochloromethane	74-97-5	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Bromodichloromethane	75-27-4	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Bromoform	75-25-2	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Bromomethane	74-83-9	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Carbon tetrachloride	56-23-5	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Chlorobenzene	108-90-7	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Chloroethane	75-00-3	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Chloroform	67-66-3	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Chloromethane	74-87-3	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Cumene	98-82-8	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Dibromochloromethane	124-48-1	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Dibromomethane	74-95-3	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Diisopropyl ether	108-20-3	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Ethyl benzene	100-41-4	0.00086		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	m,p-Xylene	179601-23-1	0.00062		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Methylene Chloride	75-09-2	0.0039	0.0039	mg/kg	Y	J	EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	n-Butylbenzene	104-51-8	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	n-Propylbenzene	103-65-1	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	o-Xylene	95-47-6	0.00062		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	p-Cymene	99-87-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	sec-Butylbenzene	135-98-8	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Styrene	100-42-5	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	tert Butyl alcohol	75-65-0	0.0069		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	tert-Butylbenzene	98-06-6	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Tetrachloroethene	127-18-4	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Toluene	108-88-3	0.0012	0.0012	mg/kg	Y	J	EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Trichloroethene	79-01-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	VOCs	Vinyl chloride	75-01-4	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.366	0.366	mg/kg	Y	J	EPA 300.1M
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.354	0.354	mg/kg	Y		EPA 314.0
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00000645	0.00000645	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000917	0.00000917	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00000252	0.00000252	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000015	0.0000015	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000000941	0.000000941	mg/kg	Y	JK	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000000952	0.000000952	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000128		mg/kg	N		EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000000634	0.000000634	mg/kg	Y	JK	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000000114		mg/kg	N		EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000000313		mg/kg	N	UJ	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000605	0.000000605	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000000154		mg/kg	N	UJ	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000147		mg/kg	N		EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000000268		mg/kg	N	UJ	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000000152		mg/kg	N	UJ	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000335	0.00000335	mg/kg	Y	JK	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000152		mg/kg	N		EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	HpCDD (total)	37871-00-4	0.0000015	0.0000015	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	HpCDF (total)	38998-75-3	0.00000308	0.00000308	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	HxCDD (total)	34465-46-8	0.000000605	0.000000605	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	HxCDF (total)	55684-94-1	0.000000952	0.000000952	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	PeCDD (total)	36088-22-9	0.000000147		mg/kg	N	UJ	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	PeCDF (total)	30402-15-4	0.00000112	0.00000112	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	TCDD (total)	41903-57-5	0.000000152		mg/kg	N	UJ	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Dioxins	TCDF (total)	30402-14-3	0.000000565	0.000000565	mg/kg	Y	J	EPA 8290
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	448	448	mg/kg	Y		SM 2320B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	General Chemistry	Carbonate as CO3	3812-32-6	29	29	mg/kg	Y		SM 2320B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	General Chemistry	Chloride	16887-00-6	6.4	6.4	mg/kg	Y	J+	EPA 9056
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	General Chemistry	Hydrogen carbonate	71-52-3	419	419	mg/kg	Y		SM 2320B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N		SM 5540C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	General Chemistry	Nitrate	14797-55-8	14.08285714	14.08285714	mg/kg	Y	J+	EPA 9056

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	General Chemistry	pH	PH	9.91	9.91	SU	Y		EPA 9045D
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	General Chemistry	Sulfate	14808-79-8	33.1	33.1	mg/kg	Y	J+	EPA 9056
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	General Chemistry	Total Organic Carbon	TOC	3270	3270	mg/kg	Y	J	LLOYD KAHN
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Aluminum	7429-90-5	6350	6350	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Arsenic	7440-38-2	1.34	1.34	mg/kg	Y		EPA 6020
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Barium	7440-39-3	185	185	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Beryllium	7440-41-7	0.316	0.316	mg/kg	Y		EPA 6020
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Boron	7440-42-8	4.1	4.1	mg/kg	Y	J	EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Calcium	7440-70-2	16000	16000	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Chromium (total)	7440-47-3	4.18	4.18	mg/kg	Y		EPA 6020
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Chromium VI	18540-29-9	0.18		mg/kg	N		EPA 7199
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Cobalt	7440-48-4	4.9	4.9	mg/kg	Y	J	EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Copper	7440-50-8	12.8	12.8	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Iron	7439-89-6	10600	10600	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Lead	7439-92-1	7.7	7.7	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Magnesium	7439-95-4	6040	6040	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Manganese	7439-96-5	305	305	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Mercury	7439-97-6	0.006	0.006	mg/kg	Y	J	EPA 7471
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Molybdenum	7439-98-7	0.37	0.37	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Nickel	7440-02-0	12.6	12.6	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Phosphorus (total)	7723-14-0	854	854	mg/kg	Y		EPA 365.1M
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Platinum	7440-06-4	0.01		mg/kg	N		EPA 6020
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Potassium	7440-09-7	3070	3070	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Sodium	7440-23-5	516	516	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Strontium	7440-24-6	129	129	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Thallium	7440-28-0	0.083	0.083	mg/kg	Y		EPA 6020
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Tin	7440-31-5	3.8	3.8	mg/kg	Y	J	EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Titanium	7440-32-6	573	573	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Tungsten	7440-33-7	0.11	0.11	mg/kg	Y	J-	EPA 6020
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Uranium (total)	7440-61-1	0.56	0.56	mg/kg	Y		EPA 6020
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Vanadium	7440-62-2	29.2	29.2	mg/kg	Y		EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	Metals	Zinc	7440-66-6	23.8	23.8	mg/kg	Y	J	EPA 6010
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	OCPs	Hexachlorobenzene	118-74-1	0.00084		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00057		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	PAHs	Acenaphthylene	208-96-8	0.00075		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	PAHs	Anthracene	120-12-7	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00058		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00068		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00083		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	PAHs	Chrysene	218-01-9	0.00098		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00077		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	PAHs	Fluoranthene	206-44-0	0.0014		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	PAHs	Fluorene	86-73-7	0.0007		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00089		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	PAHs	Naphthalene	91-20-3	0.00085		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	PAHs	Phenanthrene	85-01-8	0.0018		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	PAHs	Pyrene	129-00-0	0.00098		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	RAD	Radium-226	Ra-226	0.586	0.586	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	RAD	Radium-228	Ra-228	1.16	1.16	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	RAD	Thorium-228	Th-228	1.53	1.53	pCi/g	Y		DOE EML HASL-300
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	RAD	Thorium-230	Th-230	1.08	1.08	pCi/g	Y		DOE EML HASL-300
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	RAD	Thorium-232	Th-232	2.16	2.16	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	RAD	Uranium-234	U-234	0.871	0.871	pCi/g	Y		DOE EML HASL-300
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	RAD	Uranium-235	U-235	0.052	0.052	pCi/g	Y		DOE EML HASL-300
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	RAD	Uranium-238	U-238	0.838	0.838	pCi/g	Y		DOE EML HASL-300
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	SVOCs	1,4-Dioxane	123-91-1	0.005		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.13		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	SVOCs	Dimethylphthalate	131-11-3	0.00089		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.039	0.039	mg/kg	Y	J	EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.0007		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0035		mg/kg	N	UJ	EPA 8270C
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	SVOCs	Pyridine	110-86-1	0.027		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	TPH	Oil Range Organics	TPH-MOTOR	41		mg/kg	N		EPA 8015B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	41		mg/kg	N		EPA 8015B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00015		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	1,1-Dichloroethene	75-35-4	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00067		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00071		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00064		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	2-Butanone	78-93-3	0.00071		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	2-Chlorotoluene	95-49-8	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	2-Hexanone	591-78-6	0.00065		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	4-Chlorotoluene	106-43-4	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Acetone	67-64-1	0.0051	0.0051	mg/kg	Y	J	EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Benzene	71-43-2	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Bromobenzene	108-86-1	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Bromochloromethane	74-97-5	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Bromodichloromethane	75-27-4	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Bromoform	75-25-2	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Bromomethane	74-83-9	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Carbon tetrachloride	56-23-5	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Chlorobenzene	108-90-7	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Chloroethane	75-00-3	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Chloroform	67-66-3	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Chloromethane	74-87-3	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Cumene	98-82-8	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Dibromochloromethane	124-48-1	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Dibromomethane	74-95-3	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00049		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Diisopropyl ether	108-20-3	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Ethyl benzene	100-41-4	0.00082		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	m,p-Xylene	179601-23-1	0.00059		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Methylene Chloride	75-09-2	0.0022	0.0022	mg/kg	Y	J	EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	n-Butylbenzene	104-51-8	0.00054		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	n-Propylbenzene	103-65-1	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	o-Xylene	95-47-6	0.00059		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	p-Cymene	99-87-6	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	sec-Butylbenzene	135-98-8	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Styrene	100-42-5	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	tert Butyl alcohol	75-65-0	0.0065		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	tert-Butylbenzene	98-06-6	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Tetrachloroethene	127-18-4	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Toluene	108-88-3	0.001	0.001	mg/kg	Y	J	EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Trichloroethene	79-01-6	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	VOCs	Vinyl chloride	75-01-4	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.044		mg/kg	N		EPA 300.1
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.077	0.077	mg/kg	Y	J	EPA 314.0
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0002	0.0002	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000083	0.0000083	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000088	0.000088	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000068	0.0000068	mg/kg	Y		EPA 8290

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000036	0.000036	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000034	0.000034	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000076	0.00000076	mg/kg	Y	J	EPA 8290
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000024	0.000024	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000002	0.000002	mg/kg	Y	J	EPA 8290
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000048	0.0000048	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000023	0.0000023	mg/kg	Y	JK	EPA 8290
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000019	0.000019	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000013	0.0000013	mg/kg	Y	J	EPA 8290
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000069	0.0000069	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000084	0.0000084	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000024	0.000024	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000037	0.00000037	mg/kg	Y	JK	EPA 8290
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	443	443	mg/kg	Y		SM 2320B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	General Chemistry	Ammonia	7664-41-7	0.12159181		mg/kg	N		EPA 350.1
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	General Chemistry	Carbonate as CO3	3812-32-6	27	27	mg/kg	Y		SM 2320B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	General Chemistry	Chloride	16887-00-6	4.2	4.2	mg/kg	Y		EPA 9056
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	General Chemistry	Hydrogen carbonate	71-52-3	416	416	mg/kg	Y		SM 2320B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	General Chemistry	Methylene Blue Active Substances	MBAS	1.1	1.1	mg/kg	Y	J	SM 5540C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	General Chemistry	Moisture	MOIST	8	8	percent	Y		ASTM 2216
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	General Chemistry	Nitrate	14797-55-8	4.65	4.65	mg/kg	Y	J+	EPA 9056
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	General Chemistry	pH	PH	9.14	9.14	SU	Y		EPA 9045D
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	General Chemistry	Sulfate	14808-79-8	43.2	43.2	mg/kg	Y		EPA 9056
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	General Chemistry	Total Organic Carbon	TOC	720	720	mg/kg	Y		LLOYD KAHN
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Aluminum	7429-90-5	6940	6940	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Antimony	7440-36-0	1	1	mg/kg	Y	J-	EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Arsenic	7440-38-2	2.05	2.05	mg/kg	Y		EPA 6020
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Barium	7440-39-3	151	151	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Beryllium	7440-41-7	0.434	0.434	mg/kg	Y	J	EPA 6020
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Boron	7440-42-8	4.4	4.4	mg/kg	Y	J	EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Calcium	7440-70-2	21000	21000	mg/kg	Y	J	EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Chromium (total)	7440-47-3	7.23	7.23	mg/kg	Y	J	EPA 6020
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N	UJ	EPA 7199
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Cobalt	7440-48-4	8.3	8.3	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Copper	7440-50-8	14.7	14.7	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Iron	7439-89-6	9580	9580	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Lead	7439-92-1	8.5	8.5	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Magnesium	7439-95-4	7770	7770	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Manganese	7439-96-5	1550	1550	mg/kg	Y	J	EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Mercury	7439-97-6	0.018	0.018	mg/kg	Y		EPA 7471A
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Molybdenum	7439-98-7	0.32	0.32	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Nickel	7440-02-0	13.1	13.1	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Phosphorus (total)	7723-14-0	928	928	mg/kg	Y		EPA 365.1M
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Platinum	7440-06-4	0.009	0.009	mg/kg	Y	J	EPA 6020
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Potassium	7440-09-7	2140	2140	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Selenium	7782-49-2	0.8		mg/kg	N	UJ	EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Sodium	7440-23-5	575	575	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Strontium	7440-24-6	155	155	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Thallium	7440-28-0	0.127	0.127	mg/kg	Y	J	EPA 6020
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Tin	7440-31-5	4.5	4.5	mg/kg	Y	J	EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Titanium	7440-32-6	421	421	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Tungsten	7440-33-7	0.26	0.26	mg/kg	Y	J-	EPA 6020
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Uranium (total)	7440-61-1	0.926	0.926	mg/kg	Y		EPA 6020
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Vanadium	7440-62-2	24.4	24.4	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	Metals	Zinc	7440-66-6	27.7	27.7	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	OCPs	Hexachlorobenzene	118-74-1	0.012	0.012	mg/kg	Y	J	EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	PAHs	2-Methylnaphthalene	91-57-6	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	PAHs	Acenaphthene	83-32-9	0.0022		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	PAHs	Acenaphthylene	208-96-8	0.0016		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	PAHs	Anthracene	120-12-7	0.0025		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0015		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0024		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0026		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.0018		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	PAHs	Chrysene	218-01-9	0.0021		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0017		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	PAHs	Fluoranthene	206-44-0	0.003		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	PAHs	Fluorene	86-73-7	0.0015		mg/kg	N		EPA 8270C

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	PAHs	Naphthalene	91-20-3	0.0018		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	PAHs	Phenanthrene	85-01-8	0.0038		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	PAHs	Pyrene	129-00-0	0.0021		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	RAD	Radium-226	Ra-226	0.428	0.428	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	RAD	Radium-228	Ra-228	1.76	1.76	pCi/g	Y	J	EPA 904.0 MOD
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	RAD	Thorium-228	Th-228	2.11	2.11	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	RAD	Thorium-230	Th-230	0.87	0.87	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	RAD	Thorium-232	Th-232	1.9	1.9	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	RAD	Uranium-234	U-234	1.02	1.02	pCi/g	Y		DOE EML HASL-300 U MOD
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	RAD	Uranium-235	U-235	0.0901	0.0901	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	RAD	Uranium-238	U-238	1.03	1.03	pCi/g	Y		DOE EML HASL-300 U MOD
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	SVOCs	1,4-Dioxane	123-91-1	0.011		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.28		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0049		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	SVOCs	Diethylphthalate	84-66-2	0.25		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	SVOCs	Dimethylphthalate	131-11-3	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.07		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0023		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.0016		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	SVOCs	Nitrobenzene	98-95-3	0.0038		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0074		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	SVOCs	Pyridine	110-86-1	0.057		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00058		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00082		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.0012		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00094		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00076		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00082		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0015		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.0011		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0019		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0013		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0015		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00062		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.0008		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00072		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	1,2-Dichloropropane	78-87-5	0.0008		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0011		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.0011		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00074		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.0015		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	2-Butanone	78-93-3	0.0016		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	2-Chlorotoluene	95-49-8	0.0013		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	2-Hexanone	591-78-6	0.0015		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	4-Chlorotoluene	106-43-4	0.0012		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.0014		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Acetone	67-64-1	0.0031		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Benzene	71-43-2	0.00094		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Bromobenzene	108-86-1	0.00084		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Bromochloromethane	74-97-5	0.00084		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Bromodichloromethane	75-27-4	0.0011		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Bromoform	75-25-2	0.00086		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Bromomethane	74-83-9	0.0016		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Carbon tetrachloride	56-23-5	0.00092		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Chlorobenzene	108-90-7	0.00099		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Chloroethane	75-00-3	0.00099		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Chloroform	67-66-3	0.001	0.001	mg/kg	Y	J	EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Chloromethane	74-87-3	0.0012		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00064		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0007		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Cumene	98-82-8	0.0011		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Dibromochloromethane	124-48-1	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Dibromomethane	74-95-3	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.0011		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Diisopropyl ether	108-20-3	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Ethyl benzene	100-41-4	0.0018		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	m,p-Xylene	179601-23-1	0.002		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00064		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Methylene Chloride	75-09-2	0.00078		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	n-Butylbenzene	104-51-8	0.0016		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	n-Propylbenzene	103-65-1	0.0011		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	o-Xylene	95-47-6	0.0013		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	p-Cymene	99-87-6	0.0014		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	sec-Butylbenzene	135-98-8	0.0014		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Styrene	100-42-5	0.00092		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	tert Butyl alcohol	75-65-0	0.015		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	tert-Butylbenzene	98-06-6	0.0012		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Tetrachloroethene	127-18-4	0.0011		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Toluene	108-88-3	0.00067	0.00067	mg/kg	Y	J	EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0011		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00076		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Trichloroethene	79-01-6	0.00082		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	VOCs	Vinyl chloride	75-01-4	0.00097		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.044		mg/kg	N		EPA 300.1
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.067	0.067	mg/kg	Y	J	EPA 314.0
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000063	0.0000063	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000056	0.000056	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000047	0.0000047	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000022	0.000022	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000022	0.000022	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000006	0.0000006	mg/kg	Y	J	EPA 8290
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000013	0.0000013	mg/kg	Y	J	EPA 8290
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000025	0.0000025	mg/kg	Y	J	EPA 8290
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000016	0.0000016	mg/kg	Y	J	EPA 8290
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000011	0.0000011	mg/kg	Y	J	EPA 8290
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000043	0.0000043	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000075	0.0000075	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000021	0.000021	mg/kg	Y		EPA 8290
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000044	0.00000044	mg/kg	Y	JK	EPA 8290
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	462	462	mg/kg	Y		SM 2320B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	General Chemistry	Ammonia	7664-41-7	0.12159181		mg/kg	N		EPA 350.1
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	General Chemistry	Carbonate as CO3	3812-32-6	26	26	mg/kg	Y		SM 2320B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	General Chemistry	Chloride	16887-00-6	4.9	4.9	mg/kg	Y		EPA 9056
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	General Chemistry	Hydrogen carbonate	71-52-3	436	436	mg/kg	Y		SM 2320B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	General Chemistry	Methylene Blue Active Substances	MBAS	0.7	0.7	mg/kg	Y	J	SM 5540C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	General Chemistry	Moisture	MOIST	8.3	8.3	percent	Y		ASTM 2216
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	General Chemistry	Nitrate	14797-55-8	4.782857143	4.782857143	mg/kg	Y	J+	EPA 9056
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	General Chemistry	pH	PH	9.21	9.21	SU	Y		EPA 9045D
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	General Chemistry	Sulfate	14808-79-8	43.4	43.4	mg/kg	Y		EPA 9056
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	General Chemistry	Total Organic Carbon	TOC	870	870	mg/kg	Y		LLOYD KAHN
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Aluminum	7429-90-5	6870	6870	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Antimony	7440-36-0	0.7	0.7	mg/kg	Y	J-	EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Arsenic	7440-38-2	2.15	2.15	mg/kg	Y		EPA 6020
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Barium	7440-39-3	135	135	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Beryllium	7440-41-7	0.439	0.439	mg/kg	Y	J	EPA 6020
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Boron	7440-42-8	3.7	3.7	mg/kg	Y	J	EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Cadmium	7440-43-9	0.04	0.04	mg/kg	Y	J	EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Calcium	7440-70-2	23800	23800	mg/kg	Y	J	EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Chromium (total)	7440-47-3	7.33	7.33	mg/kg	Y	J	EPA 6020
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Chromium VI	18540-29-9	1.99	1.99	mg/kg	Y	J	EPA 7199
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Cobalt	7440-48-4	7.4	7.4	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Copper	7440-50-8	16.7	16.7	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Iron	7439-89-6	11000	11000	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Lead	7439-92-1	9.2	9.2	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Magnesium	7439-95-4	8990	8990	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Manganese	7439-96-5	508	508	mg/kg	Y	J	EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Mercury	7439-97-6	0.018	0.018	mg/kg	Y		EPA 7471A
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Molybdenum	7439-98-7	0.34	0.34	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Nickel	7440-02-0	13.9	13.9	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Phosphorus (total)	7723-14-0	923	923	mg/kg	Y		EPA 365.1M
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Platinum	7440-06-4	0.011	0.011	mg/kg	Y	J	EPA 6020
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Potassium	7440-09-7	2140	2140	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Selenium	7782-49-2	1.3	1.3	mg/kg	Y	J	EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Sodium	7440-23-5	502	502	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Strontium	7440-24-6	134	134	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Thallium	7440-28-0	0.121	0.121	mg/kg	Y	J	EPA 6020
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Tin	7440-31-5	4.1	4.1	mg/kg	Y	J	EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Titanium	7440-32-6	448	448	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Tungsten	7440-33-7	0.23	0.23	mg/kg	Y	J-	EPA 6020
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Uranium (total)	7440-61-1	0.925	0.925	mg/kg	Y		EPA 6020
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Vanadium	7440-62-2	27.9	27.9	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	Metals	Zinc	7440-66-6	31.5	31.5	mg/kg	Y		EPA 6010B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	OCPs	Hexachlorobenzene	118-74-1	0.014	0.014	mg/kg	Y		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	PAHs	2-Methylnaphthalene	91-57-6	0.0006		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	PAHs	Acenaphthylene	208-96-8	0.00079		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00061		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00072		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00088		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	PAHs	Chrysene	218-01-9	0.0015	0.0015	mg/kg	Y	J	EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00082		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	PAHs	Fluorene	86-73-7	0.00074		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00094		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	PAHs	Naphthalene	91-20-3	0.0009		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	PAHs	Pyrene	129-00-0	0.0015	0.0015	mg/kg	Y	J	EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	RAD	Radium-226	Ra-226	0.694	0.694	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	RAD	Radium-228	Ra-228	0.784	0.784	pCi/g	Y	J	EPA 904.0 MOD
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	RAD	Thorium-228	Th-228	1.65	1.65	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	RAD	Thorium-230	Th-230	0.805	0.805	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	RAD	Thorium-232	Th-232	1.53	1.53	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	RAD	Uranium-234	U-234	0.978	0.978	pCi/g	Y		DOE EML HASL-300 U MOD
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	RAD	Uranium-235	U-235	0.0436	0.0436	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	RAD	Uranium-238	U-238	0.789	0.789	pCi/g	Y		DOE EML HASL-300 U MOD
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	SVOCs	1,4-Dioxane	123-91-1	0.0053		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	SVOCs	Dimethylphthalate	131-11-3	0.00095		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.053	0.053	mg/kg	Y	J	EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00079		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	SVOCs	Pyridine	110-86-1	0.029		mg/kg	N		EPA 8270C
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	TPH	Oil Range Organics	TPH-MOTOR	44		mg/kg	N		EPA 8015B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	44		mg/kg	N		EPA 8015B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00049		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00076		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00093		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00065		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00073		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00074		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	2-Butanone	78-93-3	0.0015	0.0015	mg/kg	Y	J	EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	2-Chlorotoluene	95-49-8	0.00064		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	2-Hexanone	591-78-6	0.00075		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	4-Chlorotoluene	106-43-4	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00068		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Acetone	67-64-1	0.011	0.011	mg/kg	Y	J	EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Benzene	71-43-2	0.00049		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Bromobenzene	108-86-1	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Bromochloromethane	74-97-5	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Bromodichloromethane	75-27-4	0.00054		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Bromoform	75-25-2	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Bromomethane	74-83-9	0.00082		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Carbon tetrachloride	56-23-5	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Chlorobenzene	108-90-7	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Chloroethane	75-00-3	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Chloroform	67-66-3	0.0016	0.0016	mg/kg	Y	J	EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Chloromethane	74-87-3	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Cumene	98-82-8	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Dibromochloromethane	124-48-1	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Dibromomethane	74-95-3	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Diisopropyl ether	108-20-3	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Ethyl benzene	100-41-4	0.00092		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	m,p-Xylene	179601-23-1	0.00098		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Methylene Chloride	75-09-2	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	n-Butylbenzene	104-51-8	0.0008		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	n-Propylbenzene	103-65-1	0.00054		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	o-Xylene	95-47-6	0.00066		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	p-Cymene	99-87-6	0.00067		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	sec-Butylbenzene	135-98-8	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Styrene	100-42-5	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00012		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	tert Butyl alcohol	75-65-0	0.0074		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	tert-Butylbenzene	98-06-6	0.00058		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Tetrachloroethene	127-18-4	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Toluene	108-88-3	0.0004	0.0004	mg/kg	Y	J	EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Trichloroethene	79-01-6	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	VOCs	Vinyl chloride	75-01-4	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Chlorine Oxyanions	Chlorate	14866-68-3	21.5	21.5	mg/kg	Y		EPA 300.1
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	13.2	13.2	mg/kg	Y		EPA 314.0
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0035	0.0035	mg/kg	Y	J	EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000138	0.000138	mg/kg	Y		EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00102	0.00102	mg/kg	Y	J	EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000092	0.000092	mg/kg	Y		EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000502	0.000502	mg/kg	Y	J	EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000534	0.000534	mg/kg	Y	J	EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000146	0.0000146	mg/kg	Y		EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000314	0.000314	mg/kg	Y		EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000271	0.0000271	mg/kg	Y		EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000535	0.0000535	mg/kg	Y		EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000317	0.0000317	mg/kg	Y		EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00023	0.00023	mg/kg	Y		EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000186	0.0000186	mg/kg	Y		EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000681	0.0000681	mg/kg	Y		EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000109	0.000109	mg/kg	Y		EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000103	0.000103	mg/kg	Y	JK	EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000461	0.00000461	mg/kg	Y		EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	HpCDD (total)	37871-00-4	0.000143	0.000143	mg/kg	Y		EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	HpCDF (total)	38998-75-3	0.0018	0.0018	mg/kg	Y		EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	HxCDD (total)	34465-46-8	0.000203	0.000203	mg/kg	Y		EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	HxCDF (total)	55684-94-1	0.0023	0.0023	mg/kg	Y		EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	PeCDD (total)	36088-22-9	0.000202	0.000202	mg/kg	Y		EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	PeCDF (total)	30402-15-4	0.00217	0.00217	mg/kg	Y		EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	TCDD (total)	41903-57-5	0.000144	0.000144	mg/kg	Y		EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Dioxins	TCDF (total)	30402-14-3	0.00153	0.00153	mg/kg	Y		EPA 8290
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	216	216	mg/kg	Y		SM 2320B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	General Chemistry	Ammonia	7664-41-7	0.194546895	0.194546895	mg/kg	Y	J	EPA 350.1
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	General Chemistry	Carbonate as CO3	3812-32-6	9	9	mg/kg	Y	J	SM 2320B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	General Chemistry	Chloride	16887-00-6	16	16	mg/kg	Y		EPA 9056
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	General Chemistry	Hydrogen carbonate	71-52-3	207	207	mg/kg	Y		SM 2320B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N		SM 5540C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	General Chemistry	Nitrate	14797-55-8	18.99857143	18.99857143	mg/kg	Y		EPA 9056
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	General Chemistry	pH	PH	8.63	8.63	SU	Y		EPA 9045D
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	General Chemistry	Sulfate	14808-79-8	151	151	mg/kg	Y		EPA 9056
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	General Chemistry	Total Organic Carbon	TOC	1190	1190	mg/kg	Y		LLOYD KAHN
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Aluminum	7429-90-5	8940	8940	mg/kg	Y		EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Arsenic	7440-38-2	4.07	4.07	mg/kg	Y		EPA 6020
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Barium	7440-39-3	254	254	mg/kg	Y		EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Beryllium	7440-41-7	0.452	0.452	mg/kg	Y		EPA 6020
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Boron	7440-42-8	37.4	37.4	mg/kg	Y		EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Calcium	7440-70-2	19600	19600	mg/kg	Y		EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Chromium (total)	7440-47-3	12.7	12.7	mg/kg	Y		EPA 6020
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Chromium VI	18540-29-9	1.55	1.55	mg/kg	Y		EPA 7199
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Cobalt	7440-48-4	26.4	26.4	mg/kg	Y		EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Copper	7440-50-8	29.6	29.6	mg/kg	Y		EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Iron	7439-89-6	17600	17600	mg/kg	Y		EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Lead	7439-92-1	22.6	22.6	mg/kg	Y		EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Magnesium	7439-95-4	8890	8890	mg/kg	Y		EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Manganese	7439-96-5	1880	1880	mg/kg	Y		EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Mercury	7439-97-6	0.043	0.043	mg/kg	Y		EPA 7471
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Molybdenum	7439-98-7	1.19	1.19	mg/kg	Y	J	EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Nickel	7440-02-0	26	26	mg/kg	Y	J	EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Phosphorus (total)	7723-14-0	1030	1030	mg/kg	Y		EPA 365.1M
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Platinum	7440-06-4	0.01	0.01	mg/kg	Y	J	EPA 6020
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Potassium	7440-09-7	2770	2770	mg/kg	Y		EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Sodium	7440-23-5	827	827	mg/kg	Y		EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Strontium	7440-24-6	156	156	mg/kg	Y		EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Thallium	7440-28-0	0.316	0.316	mg/kg	Y		EPA 6020
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Tin	7440-31-5	4.6	4.6	mg/kg	Y	J	EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Titanium	7440-32-6	954	954	mg/kg	Y	J-	EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Tungsten	7440-33-7	2.1	2.1	mg/kg	Y	J-	EPA 6020
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Uranium (total)	7440-61-1	0.735	0.735	mg/kg	Y		EPA 6020
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Vanadium	7440-62-2	55	55	mg/kg	Y		EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	Metals	Zinc	7440-66-6	52.8	52.8	mg/kg	Y	J	EPA 6010
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	OCPs	Hexachlorobenzene	118-74-1	0.051	0.051	mg/kg	Y		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00057		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	PAHs	Acenaphthylene	208-96-8	0.00075		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	PAHs	Anthracene	120-12-7	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00058		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00068		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00083		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	PAHs	Chrysene	218-01-9	0.011	0.011	mg/kg	Y		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00077		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	PAHs	Fluoranthene	206-44-0	0.012	0.012	mg/kg	Y		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	PAHs	Fluorene	86-73-7	0.0007		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00089		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	PAHs	Naphthalene	91-20-3	0.00085		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	PAHs	Phenanthrene	85-01-8	0.0058	0.0058	mg/kg	Y	J	EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	PAHs	Pyrene	129-00-0	0.0079	0.0079	mg/kg	Y		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	RAD	Radium-226	Ra-226	0.782	0.782	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	RAD	Radium-228	Ra-228	0.766	0.766	pCi/g	Y	J	EPA 904.0 MOD
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	RAD	Thorium-228	Th-228	1.87	1.87	pCi/g	Y		DOE EML HASL-300
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	RAD	Thorium-230	Th-230	1.19	1.19	pCi/g	Y		DOE EML HASL-300
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	RAD	Thorium-232	Th-232	1.61	1.61	pCi/g	Y		DOE EML HASL-300
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	RAD	Uranium-234	U-234	0.877	0.877	pCi/g	Y		DOE EML HASL-300
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	RAD	Uranium-235	U-235	0.00831		pCi/g	N		DOE EML HASL-300
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	RAD	Uranium-238	U-238	0.851	0.851	pCi/g	Y		DOE EML HASL-300
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	SVOCs	1,4-Dioxane	123-91-1	0.005		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.13		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	SVOCs	Dimethylphthalate	131-11-3	0.00089		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.034		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00066		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0048	0.0048	mg/kg	Y	J	EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	SVOCs	Pyridine	110-86-1	0.027		mg/kg	N		EPA 8270C
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	TPH	Oil Range Organics	TPH-MOTOR	41		mg/kg	N		EPA 8015B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	41		mg/kg	N		EPA 8015B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	5.1		mg/kg	N		EPA 8015B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00014		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00063		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00067		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	2-Butanone	78-93-3	0.00067		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	2-Chlorotoluene	95-49-8	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	2-Hexanone	591-78-6	0.00062		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	4-Chlorotoluene	106-43-4	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Acetone	67-64-1	0.0032	0.0032	mg/kg	Y	J	EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Benzene	71-43-2	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Bromobenzene	108-86-1	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Bromochloromethane	74-97-5	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Bromodichloromethane	75-27-4	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Bromoform	75-25-2	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Bromomethane	74-83-9	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Carbon tetrachloride	56-23-5	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Chlorobenzene	108-90-7	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Chloroethane	75-00-3	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Chloroform	67-66-3	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Chloromethane	74-87-3	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Cumene	98-82-8	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Dibromochloromethane	124-48-1	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Dibromomethane	74-95-3	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Diisopropyl ether	108-20-3	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Ethyl benzene	100-41-4	0.00077		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	m,p-Xylene	179601-23-1	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Methylene Chloride	75-09-2	0.0019	0.0019	mg/kg	Y	J	EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	n-Butylbenzene	104-51-8	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	n-Propylbenzene	103-65-1	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	o-Xylene	95-47-6	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	p-Cymene	99-87-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	sec-Butylbenzene	135-98-8	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Styrene	100-42-5	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	t-Amyl methyl ether	994-05-8	0.000097		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	tert Butyl alcohol	75-65-0	0.0062		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	tert-Butylbenzene	98-06-6	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Tetrachloroethene	127-18-4	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Toluene	108-88-3	0.00066	0.00066	mg/kg	Y	J	EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Trichloroethene	79-01-6	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	VOCs	Vinyl chloride	75-01-4	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Chlorine Oxyanions	Chlorate	14866-68-3	13	13	mg/kg	Y		EPA 300.1
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	16.3	16.3	mg/kg	Y		EPA 314.0
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000984	0.0000984	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000503	0.00000503	mg/kg	Y	J	EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000207	0.0000207	mg/kg	Y		EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000225	0.00000225	mg/kg	Y	J	EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000765	0.00000765	mg/kg	Y		EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000968	0.00000968	mg/kg	Y		EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000247	0.000000247	mg/kg	Y	J	EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000583	0.00000583	mg/kg	Y		EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000000645	0.000000645	mg/kg	Y	J	EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000000865	0.000000865	mg/kg	Y	JK	EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000704	0.000000704	mg/kg	Y	J	EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000508	0.00000508	mg/kg	Y		EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000506	0.000000506	mg/kg	Y	J	EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000154	0.00000154	mg/kg	Y	JK	EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000203	0.00000203	mg/kg	Y	J	EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000231	0.0000231	mg/kg	Y		EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000433	0.000000433	mg/kg	Y	JK	EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	HpCDD (total)	37871-00-4	0.00000367	0.00000367	mg/kg	Y		EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	HpCDF (total)	38998-75-3	0.0000405	0.0000405	mg/kg	Y		EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	HxCDD (total)	34465-46-8	0.00000379	0.00000379	mg/kg	Y		EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	HxCDF (total)	55684-94-1	0.0000386	0.0000386	mg/kg	Y		EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	PeCDD (total)	36088-22-9	0.0000023	0.0000023	mg/kg	Y	J	EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	PeCDF (total)	30402-15-4	0.0000437	0.0000437	mg/kg	Y		EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	TCDD (total)	41903-57-5	0.00000509	0.00000509	mg/kg	Y		EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Dioxins	TCDF (total)	30402-14-3	0.0000967	0.0000967	mg/kg	Y		EPA 8290
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	278	278	mg/kg	Y		SM 2320B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Chloride	16887-00-6	267	267	mg/kg	Y	J+	EPA 9056
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Hydrogen carbonate	71-52-3	276	276	mg/kg	Y		SM 2320B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	UJ	SM 5540C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Moisture	MOIST	16	16	percent	Y		EPA 3550C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Nitrate	14797-55-8	77.05714286	77.05714286	mg/kg	Y	J+	EPA 9056
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	pH	PH	9.07	9.07	SU	Y		EPA 9045D
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Sulfate	14808-79-8	551	551	mg/kg	Y		EPA 9056
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	General Chemistry	Total Organic Carbon	TOC	880	880	mg/kg	Y	J-	LLOYD KAHN
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Aluminum	7429-90-5	10100	10100	mg/kg	Y		EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Arsenic	7440-38-2	1.89	1.89	mg/kg	Y		EPA 6020
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Barium	7440-39-3	237	237	mg/kg	Y		EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Beryllium	7440-41-7	0.548	0.548	mg/kg	Y		EPA 6020
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Boron	7440-42-8	6.7	6.7	mg/kg	Y	J	EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Cadmium	7440-43-9	0.06	0.06	mg/kg	Y	J	EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Calcium	7440-70-2	16000	16000	mg/kg	Y	J	EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Chromium (total)	7440-47-3	7.6	7.6	mg/kg	Y		EPA 6020
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Cobalt	7440-48-4	9.1	9.1	mg/kg	Y		EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Copper	7440-50-8	19.4	19.4	mg/kg	Y		EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Iron	7439-89-6	20300	20300	mg/kg	Y	J	EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Lead	7439-92-1	11.7	11.7	mg/kg	Y		EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Magnesium	7439-95-4	9180	9180	mg/kg	Y		EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Manganese	7439-96-5	587	587	mg/kg	Y	J	EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Mercury	7439-97-6	0.019	0.019	mg/kg	Y		EPA 7471
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Molybdenum	7439-98-7	0.73	0.73	mg/kg	Y		EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Nickel	7440-02-0	18	18	mg/kg	Y	J	EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Phosphorus (total)	7723-14-0	1050	1050	mg/kg	Y		EPA 365.1M
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Platinum	7440-06-4	0.01		mg/kg	N		EPA 6020
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Potassium	7440-09-7	3440	3440	mg/kg	Y		EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Sodium	7440-23-5	936	936	mg/kg	Y		EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Strontium	7440-24-6	129	129	mg/kg	Y		EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Thallium	7440-28-0	0.127	0.127	mg/kg	Y		EPA 6020
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Tin	7440-31-5	4.5	4.5	mg/kg	Y	J	EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Titanium	7440-32-6	1270	1270	mg/kg	Y		EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Tungsten	7440-33-7	0.18	0.18	mg/kg	Y	J-	EPA 6020
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Uranium (total)	7440-61-1	0.889	0.889	mg/kg	Y		EPA 6020
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Vanadium	7440-62-2	67.6	67.6	mg/kg	Y		EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Metals	Zinc	7440-66-6	38.8	38.8	mg/kg	Y	J	EPA 6010
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	4,4'-DDD	72-54-8	0.018		mg/kg	N		EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	4,4'-DDE	72-55-9	0.19	0.19	mg/kg	Y		EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	4,4'-DDT	50-29-3	0.018		mg/kg	N		EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Aldrin	309-00-2	0.0088		mg/kg	N		EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	alpha-BHC	319-84-6	0.0088		mg/kg	N		EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	alpha-Chlordane	5103-71-9	0.0088		mg/kg	N		EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	beta-BHC	319-85-7	0.24	0.24	mg/kg	Y		EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Chlordane (total)	57-74-9	0.044		mg/kg	N		EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	delta-BHC	319-86-8	0.0088		mg/kg	N		EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Dieldrin	60-57-1	0.018		mg/kg	N		EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Endosulfan I	959-98-8	0.0088		mg/kg	N		EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Endosulfan II	33213-65-9	0.018		mg/kg	N		EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Endosulfan sulfate	1031-07-8	0.018		mg/kg	N		EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Endrin	72-20-8	0.018		mg/kg	N		EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Endrin aldehyde	7421-93-4	0.018		mg/kg	N	UJ	EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Endrin ketone	53494-70-5	0.018		mg/kg	N		EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	gamma-BHC	58-89-9	0.0088		mg/kg	N		EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	gamma-Chlordane	5103-74-2	0.0088		mg/kg	N		EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Heptachlor	76-44-8	0.0088		mg/kg	N		EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Heptachlor epoxide	1024-57-3	0.0088		mg/kg	N		EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Hexachlorobenzene	118-74-1	0.012	0.012	mg/kg	Y	J	EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Methoxychlor	72-43-5	0.088		mg/kg	N		EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Toxaphene	8001-35-2	0.18		mg/kg	N		EPA 8081
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Chlorpyrifos	2921-88-2	0.0077		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Coumaphos	56-72-4	0.0034		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Dasanit	115-90-2	0.0098		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Demeton-O	298-03-3	0.0063		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Demeton-S	126-75-0	0.0058		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Diazinon	333-41-5	0.0087		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Dichlorovos	62-73-7	0.0089		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Dimethoate	60-51-5	0.0085		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Disulfoton	298-04-4	0.0093		mg/kg	N	UJ	EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	EPN	2104-64-5	0.0044		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Ethoprop	13194-48-4	0.0059		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Famphur	52-85-7	0.0039		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Fenthion	55-38-9	0.01		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Guthion	86-50-0	0.0042		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Malathion	121-75-5	0.0056		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Merphos	150-50-5	0.0062		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Methyl parathion	298-00-0	0.0076		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Mevinphos	7786-34-7	0.0055		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Naled	300-76-5	0.027		mg/kg	N	UJ	EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Parathion	56-38-2	0.0063		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Phorate	298-02-2	0.0068		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Prothiophos	34643-46-4	0.0047		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Ronnel	299-84-3	0.018		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Stirophos	22248-79-9	0.041	0.041	mg/kg	Y		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Sulfotepp	3689-24-5	0.0075		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Sulprofos	35400-43-2	0.0051		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Thionazin	297-97-2	0.0067		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OPPs	Trichloronate	327-98-0	0.0075		mg/kg	N		EPA 8141A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Organics	4-Chlorobenzenesulfonic acid	98-66-8	0.25		mg/kg	N		HPLC-UV
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Organics	Benzenesulfonic acid	98-11-3	0.25		mg/kg	N		HPLC-UV
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Organics	Diethylphosphorodithioate	298-06-6	0.25		mg/kg	N		HPLC-UV
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Organics	o,o-Dimethyl Phosphorodithioate	756-80-9	1.3		mg/kg	N		HPLC-UV
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	Organics	Phthalic acid	88-99-3	0.25		mg/kg	N		HPLC-UV
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00058		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Acenaphthylene	208-96-8	0.00076		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00059		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00069		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00085		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Chrysene	218-01-9	0.001		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00079		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Fluorene	86-73-7	0.00071		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0009		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Naphthalene	91-20-3	0.001	0.001	mg/kg	Y	J	EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Phenanthrene	85-01-8	0.0018		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Pyrene	129-00-0	0.00099		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Aroclor-1016	12674-11-2	0.018		mg/kg	N		EPA 8082
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Aroclor-1221	11104-28-2	0.04		mg/kg	N		EPA 8082
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Aroclor-1232	11141-16-5	0.018		mg/kg	N		EPA 8082
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Aroclor-1242	53469-21-9	0.028		mg/kg	N		EPA 8082

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Aroclor-1248	12672-29-6	0.018		mg/kg	N		EPA 8082
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Aroclor-1254	11097-69-1	0.018		mg/kg	N		EPA 8082
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Aroclor-1260	11096-82-5	0.032		mg/kg	N		EPA 8082
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Dichlorobiphenyl	25512-42-9	0.000331	0.000331	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Heptachlorobiphenyl	28655-71-2	0.00276	0.00276	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Hexachlorobiphenyl	26601-64-9	0.00461	0.00461	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Monochlorobiphenyl	27323-18-8	0.00000152		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Nonachlorobiphenyl	53742-07-7	0.000644	0.000644	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Octachlorobiphenyl	55722-26-4	0.000859	0.000859	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-001 (2-CB)	2051-60-7	0.00000152		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-002 (3-CB)	2051-61-8	0.00000207		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-003 (4-CB)	2051-62-9	0.00000281		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.0000336		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.00000432		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.00000446		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.00000413		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.00000926	0.00000926	mg/kg	Y	JK	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.00000447		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000107		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000176	0.000176	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.00000431		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.000125	0.000125	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.00000784	0.00000784	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.00000595	0.00000595	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.00000155	0.00000155	mg/kg	Y	JK	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.00000961	0.00000961	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.000000459		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.000000583		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.000000435		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.000000597		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.00000496	0.00000496	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.000000487		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.00000818	0.00000818	mg/kg	Y	JK	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.000000472		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.0000522	0.0000522	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.000000535		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.00000285	0.00000285	mg/kg	Y	JK	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.0000131	0.0000131	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000148	0.00000148	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.00000459	0.00000459	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000105	0.000105	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.000000576		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.000000654	0.000000654	mg/kg	Y	JK	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.0000224	0.0000224	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.000000621		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.00000067	0.00000067	mg/kg	Y	JK	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.0000281	0.0000281	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.00000535	0.00000535	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.0000412	0.0000412	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.0000648	0.0000648	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.00000183	0.00000183	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.00000385	0.00000385	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.0000379	0.0000379	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.00000145		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.0000129	0.0000129	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.00000379	0.00000379	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.000029	0.000029	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.0000968	0.0000968	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.00000304	0.00000304	mg/kg	Y	JK	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.000067	0.000067	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.00000195	0.00000195	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.000266	0.000266	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.00000164	0.00000164	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.00000378	0.00000378	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.000000348	0.000000348	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000115	0.000115	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.000000527		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.0000229	0.0000229	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.00000188	0.00000188	mg/kg	Y	JK	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.000117	0.000117	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.00000977	0.00000977	mg/kg	Y	JK	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-117 (2,3,4',5,6-PeCB)	68194-11-6	0.0000125	0.0000125	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.00026	0.00026	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.00000457	0.00000457	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.000000955	0.000000955	mg/kg	Y	JK	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.0000022	0.0000022	mg/kg	Y	JK	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.00000578	0.00000578	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.00000466	0.00000466	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.00000126	0.00000126	mg/kg	Y	JK	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.0000533	0.0000533	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.0000102	0.0000102	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.000276	0.000276	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.0000131	0.0000131	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-134 (2,2',3,3',5,6-HxCB)	52704-70-8	0.0000488	0.0000488	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.0000848	0.0000848	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.0000241	0.0000241	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.000214	0.000214	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.00000209		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-143 (2,2',3,4,5,6'-HxCB)	68194-15-0	0.00000209		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.0000649	0.0000649	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.000000841	0.000000841	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.000134	0.000134	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.00000321	0.00000321	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.0000048	0.0000048	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.0000182	0.0000182	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.00000249	0.00000249	mg/kg	Y	JK	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.000102	0.000102	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.00000849	0.00000849	mg/kg	Y	JK	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.00000135		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.00000216	0.00000216	mg/kg	Y	JK	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.00000401	0.00000401	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.0000666	0.0000666	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.00000138		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.000029	0.000029	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.000000566		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.000266	0.000266	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0000583	0.0000583	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.000311	0.000311	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.0000322	0.0000322	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.0000593	0.0000593	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.000187	0.000187	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.0000938	0.0000938	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.000134	0.000134	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.00000421	0.00000421	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.00000901	0.00000901	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.000281	0.000281	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.0000161	0.0000161	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.0000014		mg/kg	N		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00000129	0.00000129	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.00049	0.00049	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.0000109	0.0000109	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.000011	0.000011	mg/kg	Y	JK	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.000046	0.000046	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.0000135	0.0000135	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.00000201	0.00000201	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.000117	0.000117	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.0000568	0.0000568	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.000113	0.000113	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.0000493	0.0000493	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.0000345	0.0000345	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.0000745	0.0000745	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.0000616	0.0000616	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.000111	0.000111	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.0000211	0.0000211	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.0000149	0.0000149	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.000196	0.000196	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.00029	0.00029	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.000158	0.000158	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCB-209 (DeCB)	2051-24-3	0.00224	0.00224	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 107+124	PCB107+124	0.0000111	0.0000111	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 110+115	PCB110+115	0.000505	0.000505	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 12+13	PCB12+13	0.0000204	0.0000204	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 128+166	PCB128+166	0.000113	0.000113	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 129+138+163	PCB129+138+163	0.00111	0.00111	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 135+151	PCB135+151	0.000341	0.000341	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 139+140	PCB139+140	0.0000126	0.0000126	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 147+149	PCB147+149	0.000686	0.000686	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 153+168	PCB153+168	0.00112	0.00112	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 156+157	PCB156+157	0.000054	0.000054	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 171+173	PCB171+173	0.000111	0.000111	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 18+30	PCB18+30	0.0000147	0.0000147	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 180+193	PCB180+193	0.000623	0.000623	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 198+199	PCB198+199	0.000206	0.000206	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 20+28	PCB20+28	0.0000258	0.0000258	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 21+33	PCB21+33	0.00000916	0.00000916	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 26+29	PCB26+29	0.00000228	0.00000228	mg/kg	Y	JK	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 40+41+71	PCB40+41+71	0.0000277	0.0000277	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 43+73	PCB43+73	0.00000122	0.00000122	mg/kg	Y	JK	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 44+47+65	PCB44+47+65	0.0000626	0.0000626	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 45+51	PCB45+51	0.0000045	0.0000045	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 49+69	PCB49+69	0.0000242	0.0000242	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 50+53	PCB50+53	0.00000415	0.00000415	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 59+62+75	PCB59+62+75	0.0000057	0.0000057	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.000114	0.000114	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 83+99	PCB83+99	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 85+116	PCB85+116	0.0000774	0.0000774	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.000261	0.000261	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 88+91	PCB88+91	0.0000472	0.0000472	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 90+101+113	PCB90+101+113	0.000433	0.000433	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 93+100	PCB93+100	0.00000365	0.00000365	mg/kg	Y	JK	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	PCBs 98+102	PCB98+102	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Pentachlorobiphenyl	25429-29-2	0.0024	0.0024	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Tetrachlorobiphenyl	26914-33-0	0.000597	0.000597	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Total PCBs	TPCB	0.0146	0.0146	mg/kg	Y		EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Trichlorobiphenyl	25323-68-6	0.000163	0.000163	mg/kg	Y	J	EPA 1668A
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	RAD	Radium-226	Ra-226	0.5		pCi/g	N	UJ	EPA 903.1 MOD
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	RAD	Radium-228	Ra-228	0.711	0.711	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	RAD	Thorium-228	Th-228	1.67	1.67	pCi/g	Y		DOE EML HASL-300
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	RAD	Thorium-230	Th-230	1.08	1.08	pCi/g	Y		DOE EML HASL-300
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	RAD	Thorium-232	Th-232	1.56	1.56	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	RAD	Uranium-234	U-234	0.84	0.84	pCi/g	Y		DOE EML HASL-300
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	RAD	Uranium-235	U-235	0.0557	0.0557	pCi/g	Y		DOE EML HASL-300
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	RAD	Uranium-238	U-238	0.86	0.86	pCi/g	Y		DOE EML HASL-300
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	1,4-Dioxane	123-91-1	0.0051		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	Dimethylphthalate	131-11-3	0.00091		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.035	0.035	mg/kg	Y	J	EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00079		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0036		mg/kg	N	UJ	EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	TPH	Oil Range Organics	TPH-MOTOR	42		mg/kg	N		EPA 8015B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	42		mg/kg	N		EPA 8015B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	7.1		mg/kg	N		EPA 8015B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00017		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00076		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0008		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00073		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00062		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	2,2-Dichloropropane	594-20-7	0.0003		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	2-Butanone	78-93-3	0.0008		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	2-Chlorotoluene	95-49-8	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	2-Hexanone	591-78-6	0.00074		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	4-Chlorotoluene	106-43-4	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Acetone	67-64-1	0.009	0.009	mg/kg	Y	J	EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Benzene	71-43-2	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Bromobenzene	108-86-1	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Bromochloromethane	74-97-5	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Bromodichloromethane	75-27-4	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Bromoform	75-25-2	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Bromomethane	74-83-9	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Carbon tetrachloride	56-23-5	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Chlorobenzene	108-90-7	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Chloroethane	75-00-3	0.00045		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Chloroform	67-66-3	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Chloromethane	74-87-3	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Cumene	98-82-8	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Dibromochloromethane	124-48-1	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Dibromomethane	74-95-3	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Diisopropyl ether	108-20-3	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Ethyl benzene	100-41-4	0.00092		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	m,p-Xylene	179601-23-1	0.00066		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Methylene Chloride	75-09-2	0.0048	0.0048	mg/kg	Y	J	EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	n-Butylbenzene	104-51-8	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	n-Propylbenzene	103-65-1	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	o-Xylene	95-47-6	0.00066		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	p-Cymene	99-87-6	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	sec-Butylbenzene	135-98-8	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Styrene	100-42-5	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00012		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	tert Butyl alcohol	75-65-0	0.0074		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	tert-Butylbenzene	98-06-6	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Tetrachloroethene	127-18-4	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Toluene	108-88-3	0.0014	0.0014	mg/kg	Y	J	EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Trichloroethene	79-01-6	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	VOCs	Vinyl chloride	75-01-4	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.02	0.02	mg/kg	Y		EPA 8290
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00078	0.00078	mg/kg	Y		EPA 8290
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0094	0.0094	mg/kg	Y		EPA 8290
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00067	0.00067	mg/kg	Y		EPA 8290
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.004	0.004	mg/kg	Y		EPA 8290
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.003	0.003	mg/kg	Y		EPA 8290
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0029	0.0029	mg/kg	Y		EPA 8290
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00022	0.00022	mg/kg	Y		EPA 8290
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00072	0.00072	mg/kg	Y		EPA 8290
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0022	0.0022	mg/kg	Y		EPA 8290
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00018	0.00018	mg/kg	Y		EPA 8290
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00057	0.00057	mg/kg	Y		EPA 8290
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0011	0.0011	mg/kg	Y		EPA 8290
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00088	0.00088	mg/kg	Y		EPA 8290
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00005	0.00005	mg/kg	Y		EPA 8290
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	General Chemistry	Moisture	MOIST	1.2	1.2	percent	Y		ASTM 2216
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	OCPs	Hexachlorobenzene	118-74-1	0.25	0.25	mg/kg	Y	J	EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	PAHs	Acenaphthene	83-32-9	0.01		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	PAHs	Benzo(a)anthracene	56-55-3	0.02		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	PAHs	Benzo(a)pyrene	50-32-8	0.02		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.026		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.016		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.039		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	PAHs	Chrysene	218-01-9	0.026		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	PAHs	Fluoranthene	206-44-0	0.035		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.022		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	PAHs	Naphthalene	91-20-3	0.03		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	SVOCs	1,4-Dioxane	123-91-1	0.065		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.045		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.042		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Diethylphthalate	84-66-2	0.025		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Dimethylphthalate	131-11-3	0.023		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.028		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.014		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Nitrobenzene	98-95-3	0.022		mg/kg	N		EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Octachlorostyrene	29082-74-4	0.077	0.077	mg/kg	Y	J	EPA 8270C
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Chlorine Oxyanions	Chlorate	14866-68-3	2.42	2.42	mg/kg	Y		EPA 300.1M
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	6.01	6.01	mg/kg	Y	J+	EPA 314.0M
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000052		mg/kg	N		EPA 8290
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000095	0.00000095	mg/kg	Y	J	EPA 8290
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000026		mg/kg	N		EPA 8290
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000026		mg/kg	N		EPA 8290
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000026		mg/kg	N		EPA 8290
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000026		mg/kg	N		EPA 8290
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000026		mg/kg	N		EPA 8290
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000026		mg/kg	N		EPA 8290
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000026		mg/kg	N		EPA 8290
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000026		mg/kg	N		EPA 8290
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000026		mg/kg	N		EPA 8290
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000026		mg/kg	N		EPA 8290
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000026		mg/kg	N		EPA 8290
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000026		mg/kg	N		EPA 8290
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000026		mg/kg	N		EPA 8290
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000000079	0.000000079	mg/kg	Y	J	EPA 8290
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000052		mg/kg	N		EPA 8290
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	157	157	mg/kg	Y		SM 2320B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	General Chemistry	Chloride	16887-00-6	539	539	mg/kg	Y		EPA 9056
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	General Chemistry	Hydrogen carbonate	71-52-3	157	157	mg/kg	Y		SM 2320B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.2		mg/kg	N		SM 5540C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	General Chemistry	Moisture	MOIST	6.6	6.6	percent	Y		ASTM 2216
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	General Chemistry	Nitrate	14797-55-8	58.01428571	58.01428571	mg/kg	Y	J+	EPA 9056
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	General Chemistry	pH	PH	8.11	8.11	SU	Y		EPA 9045D
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	General Chemistry	Sulfate	14808-79-8	745	745	mg/kg	Y		EPA 9056
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	General Chemistry	Total Organic Carbon	TOC	490	490	mg/kg	Y		LLOYD KAHN
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Aluminum	7429-90-5	8260	8260	mg/kg	Y		EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Antimony	7440-36-0	1	1	mg/kg	Y	J	EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Arsenic	7440-38-2	2.07	2.07	mg/kg	Y		EPA 6020
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Barium	7440-39-3	168	168	mg/kg	Y		EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Beryllium	7440-41-7	0.414	0.414	mg/kg	Y	J	EPA 6020
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Boron	7440-42-8	8.4	8.4	mg/kg	Y	J	EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Cadmium	7440-43-9	0.13	0.13	mg/kg	Y		EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Calcium	7440-70-2	22300	22300	mg/kg	Y		EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Chromium (total)	7440-47-3	6.89	6.89	mg/kg	Y	J	EPA 6020
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Cobalt	7440-48-4	8	8	mg/kg	Y		EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Copper	7440-50-8	19.4	19.4	mg/kg	Y	J	EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Iron	7439-89-6	15200	15200	mg/kg	Y		EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Lead	7439-92-1	8.3	8.3	mg/kg	Y		EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Magnesium	7439-95-4	9590	9590	mg/kg	Y		EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Manganese	7439-96-5	443	443	mg/kg	Y	J	EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Mercury	7439-97-6	0.012	0.012	mg/kg	Y	J	EPA 7471A
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Molybdenum	7439-98-7	0.51	0.51	mg/kg	Y		EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Nickel	7440-02-0	14.7	14.7	mg/kg	Y		EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Phosphorus (total)	7723-14-0	1020	1020	mg/kg	Y		EPA 365.1M
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Platinum	7440-06-4	0.006	0.006	mg/kg	Y	J	EPA 6020
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Potassium	7440-09-7	1790	1790	mg/kg	Y		EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N	UJ	EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Sodium	7440-23-5	621	621	mg/kg	Y		EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Strontium	7440-24-6	212	212	mg/kg	Y		EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Thallium	7440-28-0	0.076	0.076	mg/kg	Y	J	EPA 6020
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Tin	7440-31-5	4	4	mg/kg	Y	J	EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Titanium	7440-32-6	682	682	mg/kg	Y		EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Tungsten	7440-33-7	0.15	0.15	mg/kg	Y	J	EPA 6020
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Uranium (total)	7440-61-1	0.995	0.995	mg/kg	Y		EPA 6020
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Vanadium	7440-62-2	41.7	41.7	mg/kg	Y		EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	Metals	Zinc	7440-66-6	31.1	31.1	mg/kg	Y		EPA 6010B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	OCPs	Hexachlorobenzene	118-74-1	0.00089		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	PAHs	2-Methylnaphthalene	91-57-6	0.0006		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	PAHs	Acenaphthylene	208-96-8	0.00079		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00061		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00071		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00088		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00082		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	PAHs	Fluorene	86-73-7	0.00073		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00094		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	PAHs	Naphthalene	91-20-3	0.00089		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	RAD	Radium-226	Ra-226	0.581	0.581	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	RAD	Radium-228	Ra-228	1.15	1.15	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	RAD	Thorium-228	Th-228	1.25	1.25	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	RAD	Thorium-230	Th-230	0.66	0.66	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	RAD	Thorium-232	Th-232	1.07	1.07	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	RAD	Uranium-234	U-234	1.14	1.14	pCi/g	Y		DOE EML HASL-300 U MOD
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	RAD	Uranium-235	U-235	0.0713	0.0713	pCi/g	Y		DOE EML HASL-300 U MOD
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	RAD	Uranium-238	U-238	1.06	1.06	pCi/g	Y		DOE EML HASL-300 U MOD
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	SVOCs	1,4-Dioxane	123-91-1	0.0053		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0043	0.0043	mg/kg	Y	J	EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	SVOCs	Dimethylphthalate	131-11-3	0.00094		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.054	0.054	mg/kg	Y	J	EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.0008		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	SVOCs	Pyridine	110-86-1	0.029		mg/kg	N		EPA 8270C
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00062		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00049		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	1,1-Dichloroethene	75-35-4	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00077		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00095		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00066		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00074		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00075		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	2-Butanone	78-93-3	0.00081		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	2-Chlorotoluene	95-49-8	0.00065		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	2-Hexanone	591-78-6	0.00076		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	4-Chlorotoluene	106-43-4	0.00058		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.0007		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Acetone	67-64-1	0.0084	0.0084	mg/kg	Y	J	EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Benzene	71-43-2	0.00049		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Bromobenzene	108-86-1	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Bromochloromethane	74-97-5	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Bromodichloromethane	75-27-4	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Bromoform	75-25-2	0.00045		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Bromomethane	74-83-9	0.00083		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Carbon tetrachloride	56-23-5	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Chlorobenzene	108-90-7	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Chloroethane	75-00-3	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Chloroform	67-66-3	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Chloromethane	74-87-3	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Cumene	98-82-8	0.00054		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Dibromochloromethane	124-48-1	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Dibromomethane	74-95-3	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Diisopropyl ether	108-20-3	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Ethyl benzene	100-41-4	0.00094		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	m,p-Xylene	179601-23-1	0.00099		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Methylene Chloride	75-09-2	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	n-Butylbenzene	104-51-8	0.00081		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	n-Propylbenzene	103-65-1	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	o-Xylene	95-47-6	0.00067		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	p-Cymene	99-87-6	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	sec-Butylbenzene	135-98-8	0.0007		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Styrene	100-42-5	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00012		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	tert Butyl alcohol	75-65-0	0.0075		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	tert-Butylbenzene	98-06-6	0.00059		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Tetrachloroethene	127-18-4	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Toluene	108-88-3	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Trichloroethene	79-01-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	VOCs	Vinyl chloride	75-01-4	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Chlorine Oxyanions	Chlorate	14866-68-3	2.44	2.44	mg/kg	Y	J	EPA 300.1
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	3.01	3.01	mg/kg	Y		EPA 314.0
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00201	0.00201	mg/kg	Y	J	EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000731	0.0000731	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000635	0.000635	mg/kg	Y	J	EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000523	0.0000523	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000292	0.000292	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000304	0.000304	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000623	0.00000623	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000191	0.000191	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000139	0.0000139	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000298	0.0000298	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000152	0.0000152	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000266	0.000266	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000113	0.0000113	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000112	0.000112	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000555	0.000555	mg/kg	Y	J	EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000437	0.00000437	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	HpCDD (total)	37871-00-4	0.000081	0.000081	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	HpCDF (total)	38998-75-3	0.00136	0.00136	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	HxCDD (total)	34465-46-8	0.0000981	0.0000981	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	HxCDF (total)	55684-94-1	0.00139	0.00139	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	PeCDD (total)	36088-22-9	0.0000878	0.0000878	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	PeCDF (total)	30402-15-4	0.00143	0.00143	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	TCDD (total)	41903-57-5	0.0000621	0.0000621	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Dioxins	TCDF (total)	30402-14-3	0.00165	0.00165	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	264	264	mg/kg	Y		SM 2320B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Carbonate as CO3	3812-32-6	8	8	mg/kg	Y	J	SM 2320B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Chloride	16887-00-6	4.8	4.8	mg/kg	Y	J+	EPA 9056
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Cyanide (total)	57-12-5	0.5		mg/kg	N		EPA 9012A
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Hydrogen carbonate	71-52-3	256	256	mg/kg	Y		SM 2320B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	UJ	SM 5540C
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Nitrate	14797-55-8	4.65	4.65	mg/kg	Y	J+	EPA 9056
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	pH	PH	8.75	8.75	SU	Y		EPA 9045D
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Sulfate	14808-79-8	16.2	16.2	mg/kg	Y	J+	EPA 9056
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Total Organic Carbon	TOC	1030	1030	mg/kg	Y		LLOYD KAHN
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Aluminum	7429-90-5	9000	9000	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Arsenic	7440-38-2	2.72	2.72	mg/kg	Y		EPA 6020
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Barium	7440-39-3	202	202	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Beryllium	7440-41-7	0.504	0.504	mg/kg	Y		EPA 6020
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Boron	7440-42-8	5.1	5.1	mg/kg	Y	J	EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Cadmium	7440-43-9	0.11	0.11	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Calcium	7440-70-2	23700	23700	mg/kg	Y	J	EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Chromium (total)	7440-47-3	8.67	8.67	mg/kg	Y		EPA 6020
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Chromium VI	18540-29-9	0.18		mg/kg	N		EPA 7199
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Cobalt	7440-48-4	8	8	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Copper	7440-50-8	18.5	18.5	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Iron	7439-89-6	17500	17500	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Lead	7439-92-1	20.1	20.1	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Magnesium	7439-95-4	8990	8990	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Manganese	7439-96-5	597	597	mg/kg	Y	J	EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Mercury	7439-97-6	0.015	0.015	mg/kg	Y	J	EPA 7471A
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Molybdenum	7439-98-7	0.48	0.48	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Nickel	7440-02-0	16.3	16.3	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Phosphorus (total)	7723-14-0	641	641	mg/kg	Y		EPA 365.1M
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Platinum	7440-06-4	0.01	0.01	mg/kg	Y	J	EPA 6020
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Potassium	7440-09-7	2660	2660	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Sodium	7440-23-5	210	210	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Strontium	7440-24-6	143	143	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Thallium	7440-28-0	0.102	0.102	mg/kg	Y		EPA 6020
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Tin	7440-31-5	4.3	4.3	mg/kg	Y	J	EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Titanium	7440-32-6	865	865	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Tungsten	7440-33-7	0.24	0.24	mg/kg	Y	J-	EPA 6020
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Uranium (total)	7440-61-1	0.744	0.744	mg/kg	Y		EPA 6020
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Vanadium	7440-62-2	51.1	51.1	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	Metals	Zinc	7440-66-6	36.5	36.5	mg/kg	Y	J	EPA 6010B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	PAHs	Naphthalene	91-20-3	0.00087		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	RAD	Radium-226	Ra-226	0.707	0.707	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	RAD	Radium-228	Ra-228	0.592	0.592	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	RAD	Thorium-228	Th-228	1.89	1.89	pCi/g	Y		DOE EML HASL-300
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	RAD	Thorium-230	Th-230	1.07	1.07	pCi/g	Y		DOE EML HASL-300
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	RAD	Thorium-232	Th-232	2.07	2.07	pCi/g	Y		DOE EML HASL-300
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	RAD	Uranium-234	U-234	1.02	1.02	pCi/g	Y		DOE EML HASL-300
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	RAD	Uranium-235	U-235	0.0331		pCi/g	N		DOE EML HASL-300
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	RAD	Uranium-238	U-238	0.951	0.951	pCi/g	Y		DOE EML HASL-300
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00072		mg/kg	N	UJ	EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00016		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00069		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00072		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00066		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	2-Butanone	78-93-3	0.00072		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	2-Chlorotoluene	95-49-8	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	2-Hexanone	591-78-6	0.00067		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	4-Chlorotoluene	106-43-4	0.00052		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00062		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Acetone	67-64-1	0.0047	0.0047	mg/kg	Y	J	EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Benzene	71-43-2	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Bromobenzene	108-86-1	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Bromochloromethane	74-97-5	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Bromodichloromethane	75-27-4	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Bromoform	75-25-2	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Bromomethane	74-83-9	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Carbon tetrachloride	56-23-5	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Chlorobenzene	108-90-7	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Chloroethane	75-00-3	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Chloroform	67-66-3	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Chloromethane	74-87-3	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Cumene	98-82-8	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Dibromochloromethane	124-48-1	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Dibromomethane	74-95-3	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Diisopropyl ether	108-20-3	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Ethyl benzene	100-41-4	0.00084		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	m,p-Xylene	179601-23-1	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Methylene Chloride	75-09-2	0.00053	0.00053	mg/kg	Y	J	EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	n-Butylbenzene	104-51-8	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	n-Propylbenzene	103-65-1	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	o-Xylene	95-47-6	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	p-Cymene	99-87-6	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	sec-Butylbenzene	135-98-8	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Styrene	100-42-5	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	tert Butyl alcohol	75-65-0	0.0067		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	tert-Butylbenzene	98-06-6	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Tetrachloroethene	127-18-4	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Toluene	108-88-3	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Trichloroethene	79-01-6	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	VOCs	Vinyl chloride	75-01-4	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.043		mg/kg	N	UJ	EPA 300.1
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	3.28	3.28	mg/kg	Y		EPA 314.0
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00187	0.00187	mg/kg	Y	J	EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000738	0.0000738	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000599	0.000599	mg/kg	Y	J	EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000499	0.0000499	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000278	0.000278	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000296	0.000296	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000053	0.0000053	mg/kg	Y	JK	EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000176	0.000176	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000137	0.0000137	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000308	0.0000308	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000158	0.0000158	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000256	0.000256	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000117	0.0000117	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000096	0.000096	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000112	0.000112	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000541	0.000541	mg/kg	Y	J	EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000472	0.00000472	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	HpCDD (total)	37871-00-4	0.0000789	0.0000789	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	HpCDF (total)	38998-75-3	0.00129	0.00129	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	HxCDD (total)	34465-46-8	0.0000956	0.0000956	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	HxCDF (total)	55684-94-1	0.00133	0.00133	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	PeCDD (total)	36088-22-9	0.0000907	0.0000907	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	PeCDF (total)	30402-15-4	0.00141	0.00141	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	TCDD (total)	41903-57-5	0.0000615	0.0000615	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Dioxins	TCDF (total)	30402-14-3	0.00159	0.00159	mg/kg	Y		EPA 8290
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	258	258	mg/kg	Y		SM 2320B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	General Chemistry	Carbonate as CO3	3812-32-6	5	5	mg/kg	Y	J	SM 2320B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	General Chemistry	Chloride	16887-00-6	2.2	2.2	mg/kg	Y	J+	EPA 9056
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	General Chemistry	Cyanide (total)	57-12-5	0.5		mg/kg	N		EPA 9012A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	General Chemistry	Hydrogen carbonate	71-52-3	253	253	mg/kg	Y		SM 2320B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.2	2.2	mg/kg	Y	J	SM 5540C
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	General Chemistry	Nitrate	14797-55-8	3.365714286	3.365714286	mg/kg	Y	J+	EPA 9056
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	General Chemistry	pH	PH	8.76	8.76	SU	Y		EPA 9045D
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	General Chemistry	Sulfate	14808-79-8	12.7	12.7	mg/kg	Y	J+	EPA 9056
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	General Chemistry	Total Organic Carbon	TOC	1010	1010	mg/kg	Y		LLOYD KAHN
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Aluminum	7429-90-5	8380	8380	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Arsenic	7440-38-2	2.34	2.34	mg/kg	Y		EPA 6020
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Barium	7440-39-3	179	179	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Beryllium	7440-41-7	0.46	0.46	mg/kg	Y		EPA 6020
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Boron	7440-42-8	4.7	4.7	mg/kg	Y	J	EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Cadmium	7440-43-9	0.12	0.12	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Calcium	7440-70-2	31800	31800	mg/kg	Y	J	EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Chromium (total)	7440-47-3	7.59	7.59	mg/kg	Y		EPA 6020
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Cobalt	7440-48-4	7.7	7.7	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Copper	7440-50-8	18.9	18.9	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Iron	7439-89-6	17300	17300	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Lead	7439-92-1	14.6	14.6	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Magnesium	7439-95-4	8610	8610	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Manganese	7439-96-5	396	396	mg/kg	Y	J	EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Mercury	7439-97-6	0.021	0.021	mg/kg	Y		EPA 7471A
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Molybdenum	7439-98-7	0.46	0.46	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Nickel	7440-02-0	16	16	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Phosphorus (total)	7723-14-0	698	698	mg/kg	Y		EPA 365.1M
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Platinum	7440-06-4	0.01	0.01	mg/kg	Y	J	EPA 6020
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Potassium	7440-09-7	2440	2440	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Selenium	7782-49-2	0.9	0.9	mg/kg	Y	J	EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Sodium	7440-23-5	197	197	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Strontium	7440-24-6	145	145	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Thallium	7440-28-0	0.1	0.1	mg/kg	Y		EPA 6020
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Tin	7440-31-5	4.6	4.6	mg/kg	Y	J	EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Titanium	7440-32-6	825	825	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Tungsten	7440-33-7	0.22	0.22	mg/kg	Y	J-	EPA 6020
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Uranium (total)	7440-61-1	0.695	0.695	mg/kg	Y		EPA 6020
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Vanadium	7440-62-2	51.4	51.4	mg/kg	Y		EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	Metals	Zinc	7440-66-6	35.2	35.2	mg/kg	Y	J	EPA 6010B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	PAHs	Naphthalene	91-20-3	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	RAD	Radium-226	Ra-226	0.844	0.844	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	RAD	Radium-228	Ra-228	0.485	0.485	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	RAD	Thorium-228	Th-228	1.72	1.72	pCi/g	Y		DOE EML HASL-300
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	RAD	Thorium-230	Th-230	1.28	1.28	pCi/g	Y		DOE EML HASL-300
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	RAD	Thorium-232	Th-232	1.57	1.57	pCi/g	Y		DOE EML HASL-300
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	RAD	Uranium-234	U-234	0.865	0.865	pCi/g	Y		DOE EML HASL-300
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	RAD	Uranium-235	U-235	0.0212		pCi/g	N		DOE EML HASL-300
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	RAD	Uranium-238	U-238	0.961	0.961	pCi/g	Y		DOE EML HASL-300
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00046		mg/kg	N	UJ	EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00015		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00013		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00015		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	1,1-Dichloroethane	75-34-3	0.000098		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	1,1-Dichloroethene	75-35-4	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00045		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00016		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00016		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00018		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00018		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	2-Butanone	78-93-3	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	2-Chlorotoluene	95-49-8	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	2-Hexanone	591-78-6	0.00043		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	4-Chlorotoluene	106-43-4	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Acetone	67-64-1	0.0025	0.0025	mg/kg	Y	J	EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Benzene	71-43-2	0.00013		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Bromobenzene	108-86-1	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Bromochloromethane	74-97-5	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Bromodichloromethane	75-27-4	0.00013		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Bromoform	75-25-2	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Bromomethane	74-83-9	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Carbon tetrachloride	56-23-5	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Chlorobenzene	108-90-7	0.00014		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Chloroethane	75-00-3	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Chloroform	67-66-3	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Chloromethane	74-87-3	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00014		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Cumene	98-82-8	0.00018		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Dibromochloromethane	124-48-1	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Dibromomethane	74-95-3	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Diisopropyl ether	108-20-3	0.00015		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Ethyl benzene	100-41-4	0.00054		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00015		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	m,p-Xylene	179601-23-1	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00014		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Methylene Chloride	75-09-2	0.00039	0.00039	mg/kg	Y	J	EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	n-Butylbenzene	104-51-8	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	n-Propylbenzene	103-65-1	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	o-Xylene	95-47-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	p-Cymene	99-87-6	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	sec-Butylbenzene	135-98-8	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Styrene	100-42-5	0.00018		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	t-Amyl methyl ether	994-05-8	0.000068		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	tert Butyl alcohol	75-65-0	0.0043		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	tert-Butylbenzene	98-06-6	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Tetrachloroethene	127-18-4	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Toluene	108-88-3	0.00028	0.00028	mg/kg	Y	J	EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Trichloroethene	79-01-6	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	VOCs	Vinyl chloride	75-01-4	0.00015		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Chlorine Oxyanions	Chlorate	14866-68-3	16.2	16.2	mg/kg	Y		EPA 300.1
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	93.5	93.5	mg/kg	Y		EPA 314.0
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00000783	0.00000783	mg/kg	Y		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000107	0.00000107	mg/kg	Y	J	EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000025	0.0000025	mg/kg	Y		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000000228		mg/kg	N		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000142	0.00000142	mg/kg	Y	J	EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000353	0.00000353	mg/kg	Y		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000195		mg/kg	N		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000116	0.00000116	mg/kg	Y	J	EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000016		mg/kg	N		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000033		mg/kg	N		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000175		mg/kg	N		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000185	0.00000185	mg/kg	Y	J	EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000306		mg/kg	N		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000000303		mg/kg	N		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000000226		mg/kg	N		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000000786		mg/kg	N		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000413		mg/kg	N		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	HpCDD (total)	37871-00-4	0.000000228		mg/kg	N		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	HpCDF (total)	38998-75-3	0.00000493	0.00000493	mg/kg	Y		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	HxCDD (total)	34465-46-8	0.00000016		mg/kg	N		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	HxCDF (total)	55684-94-1	0.00000613	0.00000613	mg/kg	Y		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	PeCDD (total)	36088-22-9	0.000000306		mg/kg	N		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	PeCDF (total)	30402-15-4	0.0000056	0.0000056	mg/kg	Y		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	TCDD (total)	41903-57-5	0.000000413		mg/kg	N		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Dioxins	TCDF (total)	30402-14-3	0.000000786		mg/kg	N		EPA 8290
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	141	141	mg/kg	Y		SM 2320B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	General Chemistry	Bromide	24959-67-9	0.6	0.6	mg/kg	Y	J	EPA 9056
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	General Chemistry	Chloride	16887-00-6	1200	1200	mg/kg	Y		EPA 9056

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	General Chemistry	Cyanide (total)	57-12-5	0.5		mg/kg	N		EPA 9012A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	General Chemistry	Hydrogen carbonate	71-52-3	141	141	mg/kg	Y		SM 2320B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	UJ	SM 5540C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	General Chemistry	Moisture	MOIST	4.8	4.8	percent	Y		EPA 3550C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	General Chemistry	Nitrate	14797-55-8	297.6	297.6	mg/kg	Y	J+	EPA 9056
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	General Chemistry	pH	PH	8.25	8.25	SU	Y		EPA 9045D
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	General Chemistry	Sulfate	14808-79-8	3340	3340	mg/kg	Y		EPA 9056
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	General Chemistry	Total Organic Carbon	TOC	1440	1440	mg/kg	Y	J-	LLOYD KAHN
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Aluminum	7429-90-5	10100	10100	mg/kg	Y		EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Arsenic	7440-38-2	2.62	2.62	mg/kg	Y		EPA 6020
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Barium	7440-39-3	177	177	mg/kg	Y		EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Beryllium	7440-41-7	0.544	0.544	mg/kg	Y		EPA 6020
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Boron	7440-42-8	10.7	10.7	mg/kg	Y		EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Cadmium	7440-43-9	0.08	0.08	mg/kg	Y	J	EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Calcium	7440-70-2	24400	24400	mg/kg	Y	J	EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Chromium (total)	7440-47-3	7.72	7.72	mg/kg	Y		EPA 6020
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Chromium VI	18540-29-9	0.18		mg/kg	N		EPA 7199
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Cobalt	7440-48-4	7.9	7.9	mg/kg	Y		EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Copper	7440-50-8	18.7	18.7	mg/kg	Y		EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Iron	7439-89-6	17800	17800	mg/kg	Y	J	EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Lead	7439-92-1	8.8	8.8	mg/kg	Y		EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Magnesium	7439-95-4	9370	9370	mg/kg	Y		EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Manganese	7439-96-5	426	426	mg/kg	Y	J	EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Mercury	7439-97-6	0.015	0.015	mg/kg	Y	J	EPA 7471
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Molybdenum	7439-98-7	0.86	0.86	mg/kg	Y		EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Nickel	7440-02-0	17.1	17.1	mg/kg	Y	J	EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Phosphorus (total)	7723-14-0	779	779	mg/kg	Y		EPA 365.1M
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Platinum	7440-06-4	0.01	0.01	mg/kg	Y	J	EPA 6020
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Potassium	7440-09-7	2600	2600	mg/kg	Y		EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Sodium	7440-23-5	1120	1120	mg/kg	Y		EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Strontium	7440-24-6	183	183	mg/kg	Y		EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Thallium	7440-28-0	0.162	0.162	mg/kg	Y		EPA 6020
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Tin	7440-31-5	4.3	4.3	mg/kg	Y	J	EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Titanium	7440-32-6	1070	1070	mg/kg	Y		EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Tungsten	7440-33-7	0.21	0.21	mg/kg	Y	J-	EPA 6020
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Uranium (total)	7440-61-1	1.28	1.28	mg/kg	Y		EPA 6020
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Vanadium	7440-62-2	58.1	58.1	mg/kg	Y		EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Metals	Zinc	7440-66-6	34.9	34.9	mg/kg	Y	J	EPA 6010
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	4,4'-DDD	72-54-8	0.018		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	4,4'-DDE	72-55-9	0.018		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	4,4'-DDT	50-29-3	0.018		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	Aldrin	309-00-2	0.0088		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	alpha-BHC	319-84-6	0.0088		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	alpha-Chlordane	5103-71-9	0.0088		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	beta-BHC	319-85-7	0.05	0.05	mg/kg	Y		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	Chlordane (total)	57-74-9	0.044		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	delta-BHC	319-86-8	0.0088		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	Dieldrin	60-57-1	0.018		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	Endosulfan I	959-98-8	0.0088		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	Endosulfan II	33213-65-9	0.018		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	Endosulfan sulfate	1031-07-8	0.018		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	Endrin	72-20-8	0.018		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	Endrin aldehyde	7421-93-4	0.018		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	Endrin ketone	53494-70-5	0.018		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	gamma-BHC	58-89-9	0.0088		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	gamma-Chlordane	5103-74-2	0.0088		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	Heptachlor	76-44-8	0.0088		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	Heptachlor epoxide	1024-57-3	0.0088		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	Hexachlorobenzene	118-74-1	0.0088		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	Methoxychlor	72-43-5	0.088		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	Toxaphene	8001-35-2	0.18		mg/kg	N		EPA 8081
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Chlorpyrifos	2921-88-2	0.0068		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Coumaphos	56-72-4	0.0029		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Dasanit	115-90-2	0.0086		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Demeton-O	298-03-3	0.0056		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Demeton-S	126-75-0	0.0051		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Diazinon	333-41-5	0.0076		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Dichlorovos	62-73-7	0.0078		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Dimethoate	60-51-5	0.0074		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Disulfoton	298-04-4	0.0081		mg/kg	N	UJ	EPA 8141A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	EPN	2104-64-5	0.0039		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Ethoprop	13194-48-4	0.0052		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Famphur	52-85-7	0.0034		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Fenthion	55-38-9	0.0092		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Guthion	86-50-0	0.0037		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Malathion	121-75-5	0.0049		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Merphos	150-50-5	0.0054		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Methyl parathion	298-00-0	0.0067		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Mevinphos	7786-34-7	0.0049		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Naled	300-76-5	0.024		mg/kg	N	UJ	EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Parathion	56-38-2	0.0056		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Phorate	298-02-2	0.006		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Prothiophos	34643-46-4	0.0041		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Ronnel	299-84-3	0.016		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Stirophos	22248-79-9	0.0046		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Sulfotepp	3689-24-5	0.0066		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Sulprofos	35400-43-2	0.0045		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Thionazin	297-97-2	0.0058		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OPPs	Trichloronate	327-98-0	0.0066		mg/kg	N		EPA 8141A
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Organics	4-Chlorobenzenesulfonic acid	98-66-8	0.25		mg/kg	N		HPLC-UV
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Organics	Benzenesulfonic acid	98-11-3	0.25		mg/kg	N		HPLC-UV
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Organics	Diethylphosphorodithioate	298-06-6	0.25		mg/kg	N		HPLC-UV
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Organics	o,o-Dimethyl Phosphorodithioate	756-80-9	1.3		mg/kg	N		HPLC-UV
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	Organics	Phthalic acid	88-99-3	0.25		mg/kg	N		HPLC-UV
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00058		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	PAHs	Acenaphthylene	208-96-8	0.00076		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00059		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00069		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00085		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	PAHs	Chrysene	218-01-9	0.001		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00079		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	PAHs	Fluorene	86-73-7	0.00071		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0009		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	PAHs	Naphthalene	91-20-3	0.00086		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	PAHs	Phenanthrene	85-01-8	0.0018		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	PAHs	Pyrene	129-00-0	0.00099		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	RAD	Radium-226	Ra-226	1.18	1.18	pCi/g	Y	J	EPA 903.1 MOD
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	RAD	Radium-228	Ra-228	1.35	1.35	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	RAD	Thorium-228	Th-228	1.65	1.65	pCi/g	Y		DOE EML HASL-300
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	RAD	Thorium-230	Th-230	0.99	0.99	pCi/g	Y		DOE EML HASL-300
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	RAD	Thorium-232	Th-232	1.66	1.66	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	RAD	Uranium-234	U-234	0.944	0.944	pCi/g	Y		DOE EML HASL-300
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	RAD	Uranium-235	U-235	0.0529	0.0529	pCi/g	Y		DOE EML HASL-300
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	RAD	Uranium-238	U-238	0.849	0.849	pCi/g	Y		DOE EML HASL-300
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	SVOCs	1,4-Dioxane	123-91-1	0.0051		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	SVOCs	Dimethylphthalate	131-11-3	0.00091		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.16	0.16	mg/kg	Y	J	EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00073		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0036		mg/kg	N	UJ	EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	TPH	Oil Range Organics	TPH-MOTOR	42		mg/kg	N		EPA 8015B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	42		mg/kg	N		EPA 8015B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00016		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0007		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00073		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00067		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	2-Butanone	78-93-3	0.00073		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	2-Chlorotoluene	95-49-8	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	2-Hexanone	591-78-6	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	4-Chlorotoluene	106-43-4	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00063		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Acetone	67-64-1	0.023	0.023	mg/kg	Y		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Benzene	71-43-2	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Bromobenzene	108-86-1	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Bromochloromethane	74-97-5	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Bromodichloromethane	75-27-4	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Bromoform	75-25-2	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Bromomethane	74-83-9	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Carbon tetrachloride	56-23-5	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Chlorobenzene	108-90-7	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Chloroethane	75-00-3	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Chloroform	67-66-3	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Chloromethane	74-87-3	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Cumene	98-82-8	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Dibromochloromethane	124-48-1	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Dibromomethane	74-95-3	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Diisopropyl ether	108-20-3	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Ethyl benzene	100-41-4	0.00085		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	m,p-Xylene	179601-23-1	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Methylene Chloride	75-09-2	0.0018	0.0018	mg/kg	Y	J	EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	n-Butylbenzene	104-51-8	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	n-Propylbenzene	103-65-1	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	o-Xylene	95-47-6	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	p-Cymene	99-87-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	sec-Butylbenzene	135-98-8	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Styrene	100-42-5	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	tert Butyl alcohol	75-65-0	0.0068		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	tert-Butylbenzene	98-06-6	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Tetrachloroethene	127-18-4	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Toluene	108-88-3	0.00082	0.00082	mg/kg	Y	J	EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Trichloroethene	79-01-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	VOCs	Vinyl chloride	75-01-4	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.045		mg/kg	N		EPA 300.1
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	46.8	46.8	mg/kg	Y		EPA 314.0
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00124	0.00124	mg/kg	Y	J	EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000447	0.0000447	mg/kg	Y	J	EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000401	0.000401	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000417	0.0000417	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00018	0.00018	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000215	0.000215	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000521	0.00000521	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000134	0.000134	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00001	0.00001	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000204	0.0000204	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000116	0.0000116	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000913	0.0000913	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000603	0.00000603	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000669	0.0000669	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000416	0.0000416	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000414	0.0000414	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000228	0.00000228	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	HpCDD (total)	37871-00-4	0.0000652	0.0000652	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	HpCDF (total)	38998-75-3	0.00085	0.00085	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	HxCDD (total)	34465-46-8	0.0000771	0.0000771	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	HxCDF (total)	55684-94-1	0.000994	0.000994	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	PeCDD (total)	36088-22-9	0.0000587	0.0000587	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	PeCDF (total)	30402-15-4	0.000762	0.000762	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	TCDD (total)	41903-57-5	0.0000509	0.0000509	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Dioxins	TCDF (total)	30402-14-3	0.000527	0.000527	mg/kg	Y		EPA 8290
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	231	231	mg/kg	Y		SM 2320B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	General Chemistry	Carbonate as CO3	3812-32-6	3	3	mg/kg	Y	J	SM 2320B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	General Chemistry	Chloride	16887-00-6	10.8	10.8	mg/kg	Y	J+	EPA 9056
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	General Chemistry	Cyanide (total)	57-12-5	0.5		mg/kg	N		EPA 9012A
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	General Chemistry	Hydrogen carbonate	71-52-3	228	228	mg/kg	Y		SM 2320B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2	2	mg/kg	Y	J	SM 5540C
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	General Chemistry	Nitrate	14797-55-8	273.6857143	273.6857143	mg/kg	Y	J+	EPA 9056
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	General Chemistry	pH	PH	8.1	8.1	SU	Y		EPA 9045D
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	General Chemistry	Sulfate	14808-79-8	96.1	96.1	mg/kg	Y	J+	EPA 9056
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	General Chemistry	Total Organic Carbon	TOC	1380	1380	mg/kg	Y		LLOYD KAHN
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Aluminum	7429-90-5	8330	8330	mg/kg	Y		EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Antimony	7440-36-0	0.6		mg/kg	N	UJ	EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Arsenic	7440-38-2	2.64	2.64	mg/kg	Y		EPA 6020
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Barium	7440-39-3	185	185	mg/kg	Y		EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Beryllium	7440-41-7	0.548	0.548	mg/kg	Y		EPA 6020
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Boron	7440-42-8	4.7	4.7	mg/kg	Y	J	EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Calcium	7440-70-2	27400	27400	mg/kg	Y	J	EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Chromium (total)	7440-47-3	9.18	9.18	mg/kg	Y		EPA 6020
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Chromium VI	18540-29-9	0.2		mg/kg	N		EPA 7199
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Cobalt	7440-48-4	7.5	7.5	mg/kg	Y		EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Copper	7440-50-8	64	64	mg/kg	Y		EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Iron	7439-89-6	15800	15800	mg/kg	Y		EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Lead	7439-92-1	14.3	14.3	mg/kg	Y		EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Magnesium	7439-95-4	8170	8170	mg/kg	Y		EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Manganese	7439-96-5	346	346	mg/kg	Y	J	EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Mercury	7439-97-6	0.017	0.017	mg/kg	Y	J	EPA 7471A
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Molybdenum	7439-98-7	0.49	0.49	mg/kg	Y		EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Nickel	7440-02-0	15.3	15.3	mg/kg	Y		EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Phosphorus (total)	7723-14-0	670	670	mg/kg	Y		EPA 365.1M
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Platinum	7440-06-4	0.01	0.01	mg/kg	Y	J	EPA 6020
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Potassium	7440-09-7	2610	2610	mg/kg	Y		EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Selenium	7782-49-2	0.8	0.8	mg/kg	Y	J	EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Sodium	7440-23-5	212	212	mg/kg	Y		EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Strontium	7440-24-6	172	172	mg/kg	Y		EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Thallium	7440-28-0	0.104	0.104	mg/kg	Y		EPA 6020
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Tin	7440-31-5	4.2	4.2	mg/kg	Y	J	EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Titanium	7440-32-6	699	699	mg/kg	Y		EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Tungsten	7440-33-7	0.23	0.23	mg/kg	Y	J-	EPA 6020
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Uranium (total)	7440-61-1	0.737	0.737	mg/kg	Y		EPA 6020
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Vanadium	7440-62-2	43.9	43.9	mg/kg	Y		EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	Metals	Zinc	7440-66-6	30.7	30.7	mg/kg	Y	J	EPA 6010B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	PAHs	Naphthalene	91-20-3	0.0008		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	RAD	Radium-226	Ra-226	0.492	0.492	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	RAD	Radium-228	Ra-228	0.785	0.785	pCi/g	Y	J	EPA 904.0 MOD
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	RAD	Thorium-228	Th-228	2.06	2.06	pCi/g	Y		DOE EML HASL-300
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	RAD	Thorium-230	Th-230	0.936	0.936	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	RAD	Thorium-232	Th-232	1.85	1.85	pCi/g	Y		DOE EML HASL-300
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	RAD	Uranium-234	U-234	1.22	1.22	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	RAD	Uranium-235	U-235	0.0805	0.0805	pCi/g	Y		DOE EML HASL-300
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	RAD	Uranium-238	U-238	1.22	1.22	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00066		mg/kg	N	UJ	EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00014		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00063		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00067		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00059	0.00059	mg/kg	Y	J	EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	2-Butanone	78-93-3	0.0013	0.0013	mg/kg	Y	J	EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	2-Chlorotoluene	95-49-8	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	2-Hexanone	591-78-6	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	4-Chlorotoluene	106-43-4	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Acetone	67-64-1	0.0065	0.0065	mg/kg	Y	J	EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Benzene	71-43-2	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Bromobenzene	108-86-1	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Bromochloromethane	74-97-5	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Bromodichloromethane	75-27-4	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Bromoform	75-25-2	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Bromomethane	74-83-9	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Carbon tetrachloride	56-23-5	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Chlorobenzene	108-90-7	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Chloroethane	75-00-3	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Chloroform	67-66-3	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Chloromethane	74-87-3	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Cumene	98-82-8	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Dibromochloromethane	124-48-1	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Dibromomethane	74-95-3	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Diisopropyl ether	108-20-3	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Ethyl benzene	100-41-4	0.00077		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	m,p-Xylene	179601-23-1	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Methylene Chloride	75-09-2	0.00042	0.00042	mg/kg	Y	J	EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	n-Butylbenzene	104-51-8	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	n-Propylbenzene	103-65-1	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	o-Xylene	95-47-6	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	p-Cymene	99-87-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	sec-Butylbenzene	135-98-8	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Styrene	100-42-5	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	t-Amyl methyl ether	994-05-8	0.000096		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	tert Butyl alcohol	75-65-0	0.0061		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	tert-Butylbenzene	98-06-6	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Tetrachloroethene	127-18-4	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Toluene	108-88-3	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Trichloroethene	79-01-6	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	VOCs	Vinyl chloride	75-01-4	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Chlorine Oxyanions	Chlorate	14866-68-3	10.2	10.2	mg/kg	Y		EPA 9056
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Chlorine Oxyanions	Perchlorate	14797-73-0	3.85	3.85	mg/kg	Y	J	EPA 314.0
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000014408	0.000014408	mg/kg	Y		EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000001964	0.000001964	mg/kg	Y	J	EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000006645	0.000006645	mg/kg	Y		EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000000516	0.000000516	mg/kg	Y	J	EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000002093	0.000002093	mg/kg	Y	J	EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000002577	0.000002577	mg/kg	Y		EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000063	0.000000063	mg/kg	Y	J	EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000145	0.00000145	mg/kg	Y	J	EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000013	0.00000013	mg/kg	Y	JK	EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000000185		mg/kg	N	U	EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000117	0.000000117	mg/kg	Y	JK	EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000000985	0.000000985	mg/kg	Y	J	EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000007	0.00000007	mg/kg	Y	J	EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000000488	0.000000488	mg/kg	Y	J	EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000000265	0.000000265	mg/kg	Y	JK	EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000073		mg/kg	N	UJ	EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000029		mg/kg	N	U	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	HpCDD (total)	37871-00-4	0.000000957	0.000000957	mg/kg	Y	J	EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	HpCDF (total)	38998-75-3	0.000012632	0.000012632	mg/kg	Y		EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	HxCDD (total)	34465-46-8	0.000000142	0.000000142	mg/kg	Y	J	EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	HxCDF (total)	55684-94-1	0.000009841	0.000009841	mg/kg	Y		EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	PeCDD (total)	36088-22-9	0.00000051	0.00000051	mg/kg	Y	J	EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	PeCDF (total)	30402-15-4	0.00000931	0.00000931	mg/kg	Y		EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	TCDD (total)	41903-57-5	0.000000756	0.000000756	mg/kg	Y	J	EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Dioxins	TCDF (total)	30402-14-3	0.000006468	0.000006468	mg/kg	Y		EPA 8290
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	General Chemistry	Alkalinity	ALK	442	442	mg/kg	Y		EPA 310.1
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	General Chemistry	Alkalinity (as CaCO3)	ALKA	84.8	84.8	mg/kg	Y		EPA 310.1
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	General Chemistry	Ammonia	7664-41-7	6.68754953		mg/kg	N	UJ	EPA 350.1
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	General Chemistry	Bromide	24959-67-9	27.3		mg/kg	N	U	EPA 9056
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	General Chemistry	Chloride	16887-00-6	543	543	mg/kg	Y	J	EPA 9056
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	General Chemistry	Hydrogen carbonate	71-52-3	357	357	mg/kg	Y		EPA 310.1
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	U	SM 5540C
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	General Chemistry	Moisture	MOIST	8.3	8.3	percent	Y		EPA 160.3
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	General Chemistry	Nitrate	14797-55-8	25.24285714	25.24285714	mg/kg	Y	J+	EPA 9056
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	General Chemistry	Nitrite	14797-65-0	10.9		mg/kg	N	U	EPA 9056
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	General Chemistry	ortho-Phosphate	11-36-9	5.5		mg/kg	N	U	EPA 9056
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	General Chemistry	pH	PH	7.7	7.7	SU	Y		EPA 9045
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	General Chemistry	Sulfate	14808-79-8	163	163	mg/kg	Y		EPA 9056
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	General Chemistry	Total Organic Carbon	TOC	5400	5400	mg/kg	Y		EPA 9060
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Aluminum	7429-90-5	7650	7650	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Antimony	7440-36-0	0.17	0.17	mg/kg	Y	J-	EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Arsenic	7440-38-2	2.8	2.8	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Barium	7440-39-3	186	186	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Beryllium	7440-41-7	0.47	0.47	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Boron	7440-42-8	4.3	4.3	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Cadmium	7440-43-9	0.11	0.11	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Calcium	7440-70-2	32300	32300	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Chromium (total)	7440-47-3	8.8	8.8	mg/kg	Y	J-	EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Chromium VI	18540-29-9	0.22		mg/kg	N	U	EPA 7199
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Cobalt	7440-48-4	5.8	5.8	mg/kg	Y	J-	EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Copper	7440-50-8	12.4	12.4	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Iron	7439-89-6	11900	11900	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Lead	7439-92-1	8.2	8.2	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Magnesium	7439-95-4	7190	7190	mg/kg	Y	J-	EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Manganese	7439-96-5	288	288	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Mercury	7439-97-6	0.0073		mg/kg	N	UJ	EPA 7471
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Molybdenum	7439-98-7	0.52	0.52	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Nickel	7440-02-0	12.5	12.5	mg/kg	Y	J-	EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Platinum	7440-06-4	0.015	0.015	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Potassium	7440-09-7	2500	2500	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Selenium	7782-49-2	0.12	0.12	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Silver	7440-22-4	0.13	0.13	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Sodium	7440-23-5	800	800	mg/kg	Y	J-	EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Strontium	7440-24-6	174	174	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Thallium	7440-28-0	0.081	0.081	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Tin	7440-31-5	0.54	0.54	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Titanium	7440-32-6	626	626	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Tungsten	7440-33-7	0.38	0.38	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Uranium (total)	7440-61-1	1.1	1.1	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Vanadium	7440-62-2	34.3	34.3	mg/kg	Y	J-	EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	Metals	Zinc	7440-66-6	26.1	26.1	mg/kg	Y	J-	EPA 6020
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	4,4'-DDD	72-54-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	4,4'-DDE	72-55-9	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	4,4'-DDT	50-29-3	0.0021	0.0021	mg/kg	Y		EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	Aldrin	309-00-2	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	alpha-BHC	319-84-6	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	alpha-Chlordane	5103-71-9	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	beta-BHC	319-85-7	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	Chlordane (total)	57-74-9	0.011		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	delta-BHC	319-86-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	Dieldrin	60-57-1	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	Endosulfan I	959-98-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	Endosulfan II	33213-65-9	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	Endosulfan sulfate	1031-07-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	Endrin	72-20-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	Endrin aldehyde	7421-93-4	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	Endrin ketone	53494-70-5	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	gamma-BHC	58-89-9	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	gamma-Chlordane	5103-74-2	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	Heptachlor	76-44-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	Heptachlor epoxide	1024-57-3	0.0019		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	Hexachlorobenzene	118-74-1	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	Methoxychlor	72-43-5	0.0036		mg/kg	N	UJ	EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	Toxaphene	8001-35-2	0.055		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Chlorpyrifos	2921-88-2	0.022		mg/kg	N	UJ	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Coumaphos	56-72-4	0.014		mg/kg	N	UJ	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Dasanit	115-90-2	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Demeton-O	298-03-3	0.043		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Demeton-S	126-75-0	0.016		mg/kg	N	UJ	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Diazinon	333-41-5	0.024		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Dichlorovos	62-73-7	0.025		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Dimethoate	60-51-5	0.024		mg/kg	N	UJ	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Disulfoton	298-04-4	0.052		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	EPN	2104-64-5	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Ethoprop	13194-48-4	0.016		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Famphur	52-85-7	0.014		mg/kg	N	UJ	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Fenthion	55-38-9	0.036		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Guthion	86-50-0	0.014		mg/kg	N	UJ	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Malathion	121-75-5	0.016		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Merphos	150-50-5	0.033		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Methyl parathion	298-00-0	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Mevinphos	7786-34-7	0.016		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Naled	300-76-5	0.036		mg/kg	N	UJ	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Parathion	56-38-2	0.02		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Phorate	298-02-2	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Prothiophos	34643-46-4	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Ronnel	299-84-3	0.02		mg/kg	N	UJ	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Stirophos	22248-79-9	0.016		mg/kg	N	UJ	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Sulfotepp	3689-24-5	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Sulprofos	35400-43-2	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Thionazin	297-97-2	0.02		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OPPs	Trichloronate	327-98-0	0.022		mg/kg	N	UJ	EPA 8141A
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PAHs	2-Methylnaphthalene	91-57-6	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PAHs	Acenaphthene	83-32-9	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PAHs	Acenaphthylene	208-96-8	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PAHs	Anthracene	120-12-7	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PAHs	Benzo(a)anthracene	56-55-3	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PAHs	Benzo(a)pyrene	50-32-8	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PAHs	Benzo(b)fluoranthene	205-99-2	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PAHs	Benzo(g,h,i)perylene	191-24-2	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PAHs	Benzo(k)fluoranthene	207-08-9	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PAHs	Chrysene	218-01-9	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PAHs	Dibenz(a,h)anthracene	53-70-3	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PAHs	Fluoranthene	206-44-0	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PAHs	Fluorene	86-73-7	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.36		mg/kg	N	UJ	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PAHs	Naphthalene	91-20-3	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PAHs	Phenanthrene	85-01-8	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PAHs	Pyrene	129-00-0	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PCBs	Aroclor-1016	12674-11-2	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PCBs	Aroclor-1221	11104-28-2	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PCBs	Aroclor-1232	11141-16-5	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PCBs	Aroclor-1242	53469-21-9	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PCBs	Aroclor-1248	12672-29-6	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PCBs	Aroclor-1254	11097-69-1	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PCBs	Aroclor-1260	11096-82-5	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	RAD	Radium-226	Ra-226	1.19	1.19	pCi/g	Y	J	HASL-300 GAMMA
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	RAD	Radium-228	Ra-228	1.75	1.75	pCi/g	Y		HASL-300 GAMMA
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	RAD	Thorium-228	Th-228	0.763	0.763	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	RAD	Thorium-230	Th-230	0.433	0.433	pCi/g	Y	J-	DOE EML HASL-300 TH MOD
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	RAD	Thorium-232	Th-232	0.676	0.676	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	RAD	Uranium-234	U-234	0.547	0.547	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	RAD	Uranium-235	U-235	0.00628		pCi/g	N	U	DOE EML HASL-300 U MOD
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	RAD	Uranium-238	U-238	0.313	0.313	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	SVOCs	1,4-Dioxane	123-91-1	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	SVOCs	Butylbenzylphthalate	85-68-7	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	SVOCs	Diethylphthalate	84-66-2	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	SVOCs	Dimethylphthalate	131-11-3	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	SVOCs	Di-n-butylphthalate	84-74-2	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	SVOCs	Di-n-octylphthalate	117-84-0	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	SVOCs	Hexachlorobutadiene	87-68-3	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	SVOCs	Nitrobenzene	98-95-3	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	SVOCs	Octachlorostyrene	29082-74-4	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	SVOCs	Pyridine	110-86-1	1.7		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	TPH	Oil Range Organics	TPH-MOTOR	27		mg/kg	N	U	EPA 8015B DRO
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	27		mg/kg	N	U	EPA 8015B DRO
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.11		mg/kg	N	U	EPA 8015B GRO
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	1,1,1-Trichloroethane	71-55-6	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	1,1,2-Trichloroethane	79-00-5	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	1,1-Dichloroethane	75-34-3	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	1,1-Dichloroethene	75-35-4	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	1,1-Dichloropropene	563-58-6	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	1,2,3-Trichloropropane	96-18-4	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	1,2-Dibromoethane	106-93-4	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	1,2-Dichlorobenzene	95-50-1	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	1,2-Dichloroethane	107-06-2	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	1,2-Dichloropropane	78-87-5	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	1,3-Dichlorobenzene	541-73-1	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	1,3-Dichloropropane	142-28-9	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	1,4-Dichlorobenzene	106-46-7	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	2,2-Dichloropropane	594-20-7	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	2-Butanone	78-93-3	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	2-Chlorotoluene	95-49-8	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	2-Hexanone	591-78-6	0.011		mg/kg	N	UJ	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	4-Chlorotoluene	106-43-4	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	4-Methyl-2-pentanone	108-10-1	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Acetone	67-64-1	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Benzene	71-43-2	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Bromobenzene	108-86-1	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Bromochloromethane	74-97-5	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Bromodichloromethane	75-27-4	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Bromoform	75-25-2	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Bromomethane	74-83-9	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Carbon tetrachloride	56-23-5	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Chlorobenzene	108-90-7	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Chloroethane	75-00-3	0.0055		mg/kg	N	UJ	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Chloroform	67-66-3	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Chloromethane	74-87-3	0.0055		mg/kg	N	UJ	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Cumene	98-82-8	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Dibromochloromethane	124-48-1	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Dibromomethane	74-95-3	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Dichlorodifluoromethane	75-71-8	0.0055		mg/kg	N	UJ	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Diisopropyl ether	108-20-3	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Ethyl benzene	100-41-4	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Ethyl tert-butyl ether	637-92-3	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Methyl tert-butyl ether	1634-04-4	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Methylene Chloride	75-09-2	0.0055		mg/kg	N	UJ	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	n-Butylbenzene	104-51-8	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	n-Propylbenzene	103-65-1	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	p-Cymene	99-87-6	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	sec-Butylbenzene	135-98-8	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Styrene	100-42-5	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	t-Amyl methyl ether	994-05-8	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	tert Butyl alcohol	75-65-0	0.0055		mg/kg	N	UJ	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	tert-Butylbenzene	98-06-6	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Tetrachloroethene	127-18-4	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Toluene	108-88-3	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Trichloroethene	79-01-6	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Trichlorofluoromethane	75-69-4	0.0055		mg/kg	N	UJ	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Vinyl chloride	75-01-4	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	VOCs	Xylenes (total)	1330-20-7	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Chlorine Oxyanions	Chlorate	14866-68-3	4.7	4.7	mg/kg	Y	J	EPA 9056
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Chlorine Oxyanions	Perchlorate	14797-73-0	1.59	1.59	mg/kg	Y	J	EPA 314.0
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	General Chemistry	Alkalinity	ALK	541	541	mg/kg	Y		EPA 310.1
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	General Chemistry	Alkalinity (as CaCO3)	ALKA	90.1	90.1	mg/kg	Y		EPA 310.1
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	General Chemistry	Ammonia	7664-41-7	6.444365911		mg/kg	N	UJ	EPA 350.1
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	General Chemistry	Bromide	24959-67-9	1.8	1.8	mg/kg	Y	J	EPA 9056

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	General Chemistry	Chloride	16887-00-6	287	287	mg/kg	Y	J	EPA 9056
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	General Chemistry	Hydrogen carbonate	71-52-3	450	450	mg/kg	Y		EPA 310.1
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	U	SM 5540C
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	General Chemistry	Moisture	MOIST	4.9	4.9	percent	Y		EPA 160.3
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	General Chemistry	Nitrate	14797-55-8	16.82857143	16.82857143	mg/kg	Y	J+	EPA 9056
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	General Chemistry	Nitrite	14797-65-0	2.1		mg/kg	N	U	EPA 9056
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	General Chemistry	ortho-Phosphate	11-36-9	5.3		mg/kg	N	U	EPA 9056
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	General Chemistry	pH	PH	8.6	8.6	SU	Y		EPA 9045
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	General Chemistry	Sulfate	14808-79-8	129	129	mg/kg	Y		EPA 9056
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	General Chemistry	Total Organic Carbon	TOC	6900	6900	mg/kg	Y		EPA 9060
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Aluminum	7429-90-5	6380	6380	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Antimony	7440-36-0	0.16	0.16	mg/kg	Y	J-	EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Arsenic	7440-38-2	2.4	2.4	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Barium	7440-39-3	157	157	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Beryllium	7440-41-7	0.4	0.4	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Boron	7440-42-8	3.4	3.4	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Cadmium	7440-43-9	0.087	0.087	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Calcium	7440-70-2	16600	16600	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Chromium (total)	7440-47-3	8.5	8.5	mg/kg	Y	J-	EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Chromium VI	18540-29-9	0.21		mg/kg	N	U	EPA 7199
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Cobalt	7440-48-4	4.9	4.9	mg/kg	Y	J-	EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Copper	7440-50-8	10.3	10.3	mg/kg	Y	J-	EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Iron	7439-89-6	10300	10300	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Lead	7439-92-1	7.4	7.4	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Magnesium	7439-95-4	5900	5900	mg/kg	Y	J-	EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Manganese	7439-96-5	228	228	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Mercury	7439-97-6	0.007		mg/kg	N	UJ	EPA 7471
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Molybdenum	7439-98-7	0.41	0.41	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Nickel	7440-02-0	10.8	10.8	mg/kg	Y	J-	EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Platinum	7440-06-4	0.016	0.016	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Potassium	7440-09-7	2700	2700	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Selenium	7782-49-2	0.11	0.11	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Silver	7440-22-4	0.12	0.12	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Sodium	7440-23-5	433	433	mg/kg	Y	J-	EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Strontium	7440-24-6	106	106	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Thallium	7440-28-0	0.08	0.08	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Tin	7440-31-5	0.45	0.45	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Titanium	7440-32-6	525	525	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Tungsten	7440-33-7	0.28	0.28	mg/kg	Y	J	EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Uranium (total)	7440-61-1	0.82	0.82	mg/kg	Y		EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Vanadium	7440-62-2	25.8	25.8	mg/kg	Y	J-	EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	Metals	Zinc	7440-66-6	23.4	23.4	mg/kg	Y	J-	EPA 6020
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	4,4'-DDE	72-55-9	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	Aldrin	309-00-2	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	alpha-BHC	319-84-6	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	alpha-Chlordane	5103-71-9	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	beta-BHC	319-85-7	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	Chlordane (total)	57-74-9	0.011		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	delta-BHC	319-86-8	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	Endosulfan I	959-98-8	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	Endrin	72-20-8	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	gamma-BHC	58-89-9	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	gamma-Chlordane	5103-74-2	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	Heptachlor	76-44-8	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	Heptachlor epoxide	1024-57-3	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	Hexachlorobenzene	118-74-1	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	Methoxychlor	72-43-5	0.0035		mg/kg	N	UJ	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	Toxaphene	8001-35-2	0.053		mg/kg	N	U	EPA 8081
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Chlorpyrifos	2921-88-2	0.021		mg/kg	N	UJ	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Coumaphos	56-72-4	0.014		mg/kg	N	UJ	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Dasanit	115-90-2	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Demeton-O	298-03-3	0.041		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Demeton-S	126-75-0	0.016		mg/kg	N	UJ	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Diazinon	333-41-5	0.023		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Dichlorovos	62-73-7	0.024		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Dimethoate	60-51-5	0.023		mg/kg	N	UJ	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Disulfoton	298-04-4	0.05		mg/kg	N	U	EPA 8141A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	EPN	2104-64-5	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Ethoprop	13194-48-4	0.016		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Famphur	52-85-7	0.014		mg/kg	N	UJ	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Fenthion	55-38-9	0.035		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Guthion	86-50-0	0.014		mg/kg	N	UJ	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Malathion	121-75-5	0.016		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Merphos	150-50-5	0.032		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Methyl parathion	298-00-0	0.021		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Mevinphos	7786-34-7	0.016		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Naled	300-76-5	0.035		mg/kg	N	UJ	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Parathion	56-38-2	0.019		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Phorate	298-02-2	0.021		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Prothiophos	34643-46-4	0.021		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Ronnel	299-84-3	0.019		mg/kg	N	UJ	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Stirophos	22248-79-9	0.016		mg/kg	N	UJ	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Sulfotepp	3689-24-5	0.021		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Sulprofos	35400-43-2	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Thionazin	297-97-2	0.019		mg/kg	N	U	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OPPs	Trichloronate	327-98-0	0.021		mg/kg	N	UJ	EPA 8141A
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PAHs	2-Methylnaphthalene	91-57-6	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PAHs	Acenaphthene	83-32-9	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PAHs	Acenaphthylene	208-96-8	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PAHs	Anthracene	120-12-7	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PAHs	Benzo(a)anthracene	56-55-3	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PAHs	Benzo(a)pyrene	50-32-8	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PAHs	Benzo(b)fluoranthene	205-99-2	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PAHs	Benzo(g,h,i)perylene	191-24-2	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PAHs	Benzo(k)fluoranthene	207-08-9	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PAHs	Chrysene	218-01-9	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PAHs	Dibenz(a,h)anthracene	53-70-3	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PAHs	Fluoranthene	206-44-0	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PAHs	Fluorene	86-73-7	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.35		mg/kg	N	UJ	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PAHs	Naphthalene	91-20-3	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PAHs	Phenanthrene	85-01-8	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PAHs	Pyrene	129-00-0	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PCBs	Aroclor-1016	12674-11-2	0.035		mg/kg	N	U	EPA 8082
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PCBs	Aroclor-1221	11104-28-2	0.035		mg/kg	N	U	EPA 8082
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PCBs	Aroclor-1232	11141-16-5	0.035		mg/kg	N	U	EPA 8082
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PCBs	Aroclor-1242	53469-21-9	0.035		mg/kg	N	U	EPA 8082
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PCBs	Aroclor-1248	12672-29-6	0.035		mg/kg	N	U	EPA 8082
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PCBs	Aroclor-1254	11097-69-1	0.035		mg/kg	N	U	EPA 8082
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PCBs	Aroclor-1260	11096-82-5	0.035		mg/kg	N	U	EPA 8082
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	RAD	Radium-226	Ra-226	1.06	1.06	pCi/g	Y	J	HASL-300 GAMMA
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	RAD	Radium-228	Ra-228	1.97	1.97	pCi/g	Y		HASL-300 GAMMA
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	RAD	Thorium-228	Th-228	0.481	0.481	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	RAD	Thorium-230	Th-230	0.495	0.495	pCi/g	Y	J-	DOE EML HASL-300 TH MOD
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	RAD	Thorium-232	Th-232	0.658	0.658	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	RAD	Uranium-234	U-234	0.322	0.322	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	RAD	Uranium-235	U-235	0.0114	0.0114	pCi/g	Y	J+	DOE EML HASL-300 U MOD
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	RAD	Uranium-238	U-238	0.263	0.263	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	SVOCs	1,4-Dioxane	123-91-1	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	SVOCs	Butylbenzylphthalate	85-68-7	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	SVOCs	Diethylphthalate	84-66-2	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	SVOCs	Dimethylphthalate	131-11-3	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	SVOCs	Di-n-butylphthalate	84-74-2	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	SVOCs	Di-n-octylphthalate	117-84-0	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	SVOCs	Hexachlorobutadiene	87-68-3	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	SVOCs	Nitrobenzene	98-95-3	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	SVOCs	Octachlorostyrene	29082-74-4	0.35		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	SVOCs	Pyridine	110-86-1	1.7		mg/kg	N	U	EPA 8270
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	TPH	Oil Range Organics	TPH-MOTOR	26		mg/kg	N	U	EPA 8015B DRO
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	26		mg/kg	N	U	EPA 8015B DRO
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.11		mg/kg	N	U	EPA 8015B GRO
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	1,1,1-Trichloroethane	71-55-6	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	1,1,2-Trichloroethane	79-00-5	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	1,1-Dichloroethane	75-34-3	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	1,1-Dichloroethene	75-35-4	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	1,1-Dichloropropene	563-58-6	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	1,2,3-Trichloropropane	96-18-4	0.0053		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	1,2-Dibromoethane	106-93-4	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	1,2-Dichlorobenzene	95-50-1	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	1,2-Dichloroethane	107-06-2	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	1,2-Dichloropropane	78-87-5	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	1,3-Dichlorobenzene	541-73-1	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	1,3-Dichloropropane	142-28-9	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	1,4-Dichlorobenzene	106-46-7	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	2,2-Dichloropropane	594-20-7	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	2-Butanone	78-93-3	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	2-Chlorotoluene	95-49-8	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	2-Hexanone	591-78-6	0.011		mg/kg	N	UJ	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	4-Chlorotoluene	106-43-4	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	4-Methyl-2-pentanone	108-10-1	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Acetone	67-64-1	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Benzene	71-43-2	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Bromobenzene	108-86-1	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Bromochloromethane	74-97-5	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Bromodichloromethane	75-27-4	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Bromoform	75-25-2	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Bromomethane	74-83-9	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Carbon tetrachloride	56-23-5	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Chlorobenzene	108-90-7	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Chloroethane	75-00-3	0.0053		mg/kg	N	UJ	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Chloroform	67-66-3	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Chloromethane	74-87-3	0.0053		mg/kg	N	UJ	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Cumene	98-82-8	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Dibromochloromethane	124-48-1	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Dibromomethane	74-95-3	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Dichlorodifluoromethane	75-71-8	0.0053		mg/kg	N	UJ	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Diisopropyl ether	108-20-3	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Ethyl benzene	100-41-4	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Ethyl tert-butyl ether	637-92-3	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Methyl tert-butyl ether	1634-04-4	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Methylene Chloride	75-09-2	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	n-Butylbenzene	104-51-8	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	n-Propylbenzene	103-65-1	0.0053		mg/kg	N	UJ	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	p-Cymene	99-87-6	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	sec-Butylbenzene	135-98-8	0.0053		mg/kg	N	UJ	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Styrene	100-42-5	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	t-Amyl methyl ether	994-05-8	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	tert Butyl alcohol	75-65-0	0.0053		mg/kg	N	UJ	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	tert-Butylbenzene	98-06-6	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Tetrachloroethene	127-18-4	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Toluene	108-88-3	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Trichloroethene	79-01-6	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Trichlorofluoromethane	75-69-4	0.0053		mg/kg	N	UJ	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Vinyl chloride	75-01-4	0.0053		mg/kg	N	U	EPA 8260
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	VOCs	Xylenes (total)	1330-20-7	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Chlorine Oxyanions	Chlorate	14866-68-3	0.165		mg/kg	N		EPA 300.1
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Chlorine Oxyanions	Perchlorate	14797-73-0	0.201	0.201	mg/kg	Y	J	EPA 314.0
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	General Chemistry	Alkalinity (as CaCO3)	ALKA	421	421	mg/kg	Y		SM 2320B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	General Chemistry	Ammonia	7664-41-7	0.412196235		mg/kg	N		EPA 350.1 MOD
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	General Chemistry	Bromide	24959-67-9	0.385		mg/kg	N		EPA 9056
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	General Chemistry	Carbonate as CO3	3812-32-6	0.689		mg/kg	N		SM 2320B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	General Chemistry	Chloride	16887-00-6	4.69		mg/kg	N		EPA 9056
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	General Chemistry	Cyanide (total)	57-12-5	0.218		mg/kg	N		EPA 9012A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	General Chemistry	Hydrogen carbonate	71-52-3	399	399	mg/kg	Y		SM 2320B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	General Chemistry	Methylene Blue Active Substances	MBAS	2.31		mg/kg	N		SM 5540C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	General Chemistry	Nitrate	14797-55-8	1.589857143		mg/kg	N		EPA 9056
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	General Chemistry	Nitrite	14797-65-0	0.001		mg/kg	N		EPA 9056
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	General Chemistry	pH	PH	9.18	9.18	SU	Y		EPA 9045C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	General Chemistry	Sulfate	14808-79-8	74.7	74.7	mg/kg	Y		EPA 9056
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	General Chemistry	Total Organic Carbon	TOC	7900	7900	mg/kg	Y		LLOYD KAHN
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Aluminum	7429-90-5	8890	8890	mg/kg	Y		EPA 6010B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Antimony	7440-36-0	0.45	0.45	mg/kg	Y	J-	EPA 6020
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Arsenic	7440-38-2	3.66	3.66	mg/kg	Y		EPA 6020

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Barium	7440-39-3	264	264	mg/kg	Y		EPA 6010B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Beryllium	7440-41-7	0.382	0.382	mg/kg	Y		EPA 6020
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Boron	7440-42-8	6.8	6.8	mg/kg	Y		EPA 6010B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Cadmium	7440-43-9	0.272	0.272	mg/kg	Y		EPA 6020
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Calcium	7440-70-2	34600	34600	mg/kg	Y		EPA 6010B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Chromium (total)	7440-47-3	4.9	4.9	mg/kg	Y		EPA 6020
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Chromium VI	18540-29-9	0.101		mg/kg	N		EPA 7199
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Cobalt	7440-48-4	6.98	6.98	mg/kg	Y	J	EPA 6010B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Copper	7440-50-8	21.4	21.4	mg/kg	Y		EPA 6010B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Iron	7439-89-6	16800	16800	mg/kg	Y		EPA 6010B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Lead	7439-92-1	69.6	69.6	mg/kg	Y		EPA 6020
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Magnesium	7439-95-4	11600	11600	mg/kg	Y		EPA 6010B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Manganese	7439-96-5	4940	4940	mg/kg	Y		EPA 6010B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Mercury	7439-97-6	0.018	0.018	mg/kg	Y		EPA 7471A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Molybdenum	7439-98-7	1.19	1.19	mg/kg	Y		EPA 6020
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Nickel	7440-02-0	6.61	6.61	mg/kg	Y		EPA 6020
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Phosphorus (total)	7723-14-0	891	891	mg/kg	Y		EPA 365.1
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Platinum	7440-06-4	0.025	0.025	mg/kg	Y	J	EPA 6020
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Potassium	7440-09-7	2490	2490	mg/kg	Y		EPA 6010B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Selenium	7782-49-2	0.9		mg/kg	N		EPA 6020
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Silver	7440-22-4	0.084	0.084	mg/kg	Y		EPA 6020
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Sodium	7440-23-5	385	385	mg/kg	Y		EPA 6010B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Strontium	7440-24-6	203	203	mg/kg	Y		EPA 6010B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Thallium	7440-28-0	8.42	8.42	mg/kg	Y		EPA 6020
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Tin	7440-31-5	3.3	3.3	mg/kg	Y	J	EPA 6010B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Titanium	7440-32-6	931	931	mg/kg	Y		EPA 6010B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Tungsten	7440-33-7	1.55	1.55	mg/kg	Y	J-	EPA 6020
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Uranium (total)	7440-61-1	0.826	0.826	mg/kg	Y		EPA 6020
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Vanadium	7440-62-2	41.4	41.4	mg/kg	Y		EPA 6010B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	Metals	Zinc	7440-66-6	39.2	39.2	mg/kg	Y	J	EPA 6010B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	4,4'-DDD	72-54-8	0.00019		mg/kg	N	UJ	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	4,4'-DDE	72-55-9	0.74	0.74	mg/kg	Y	J-	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	4,4'-DDT	50-29-3	0.16	0.16	mg/kg	Y	J-	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	Aldrin	309-00-2	0.00007		mg/kg	N	UJ	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	alpha-BHC	319-84-6	0.00031		mg/kg	N	UJ	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	alpha-Chlordane	5103-71-9	0.00015		mg/kg	N	UJ	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	beta-BHC	319-85-7	0.27	0.27	mg/kg	Y	J-	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	Chlordane (total)	57-74-9	0.0019		mg/kg	N	UJ	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	delta-BHC	319-86-8	0.000089		mg/kg	N	UJ	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	Dieldrin	60-57-1	0.00026		mg/kg	N	UJ	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	Endosulfan I	959-98-8	0.0001		mg/kg	N	UJ	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	Endosulfan II	33213-65-9	0.000091		mg/kg	N	UJ	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	Endosulfan sulfate	1031-07-8	0.00009		mg/kg	N	UJ	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	Endrin	72-20-8	0.00011		mg/kg	N	UJ	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	Endrin aldehyde	7421-93-4	0.00083		mg/kg	N	UJ	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	Endrin ketone	53494-70-5	0.00012		mg/kg	N	UJ	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	gamma-BHC	58-89-9	0.00012		mg/kg	N	UJ	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	gamma-Chlordane	5103-74-2	0.00012		mg/kg	N	UJ	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	Heptachlor	76-44-8	0.000088		mg/kg	N	UJ	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	Heptachlor epoxide	1024-57-3	0.00011		mg/kg	N	UJ	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	Hexachlorobenzene	118-74-1	0.00048		mg/kg	N	UJ	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	Methoxychlor	72-43-5	0.00026		mg/kg	N	UJ	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	Toxaphene	8001-35-2	0.0097		mg/kg	N	UJ	EPA 8081
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PAHs	2-Methylnaphthalene	91-57-6	0.00223683		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PAHs	Acenaphthene	83-32-9	0.00119712		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PAHs	Acenaphthylene	208-96-8	0.00134267		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PAHs	Anthracene	120-12-7	0.024	0.024	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PAHs	Benzo(a)anthracene	56-55-3	0.16	0.16	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PAHs	Benzo(a)pyrene	50-32-8	0.11	0.11	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PAHs	Benzo(b)fluoranthene	205-99-2	0.11	0.11	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PAHs	Benzo(g,h,i)perylene	191-24-2	0.074	0.074	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PAHs	Benzo(k)fluoranthene	207-08-9	0.11	0.11	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PAHs	Chrysene	218-01-9	0.19	0.19	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PAHs	Dibenz(a,h)anthracene	53-70-3	0.023	0.023	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PAHs	Fluoranthene	206-44-0	0.35	0.35	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PAHs	Fluorene	86-73-7	0.00281445		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.069	0.069	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PAHs	Naphthalene	91-20-3	0.00117028		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PAHs	Phenanthrene	85-01-8	0.19	0.19	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PAHs	Pyrene	129-00-0	0.27	0.27	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Aroclor-1016	12674-11-2	0.0091		mg/kg	N		EPA 8082
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Aroclor-1221	11104-28-2	0.028		mg/kg	N		EPA 8082
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Aroclor-1232	11141-16-5	0.011		mg/kg	N		EPA 8082
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Aroclor-1242	53469-21-9	0.018		mg/kg	N		EPA 8082

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Aroclor-1248	12672-29-6	0.019		mg/kg	N		EPA 8082
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Aroclor-1254	11097-69-1	0.0098		mg/kg	N		EPA 8082
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Aroclor-1260	11096-82-5	0.0086		mg/kg	N		EPA 8082
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Dichlorobiphenyl	25512-42-9	0.00175	0.00175	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Heptachlorobiphenyl	28655-71-2	0.0117	0.0117	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Hexachlorobiphenyl	26601-64-9	0.0387	0.0387	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Monochlorobiphenyl	27323-18-8	0.000297	0.000297	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Nonachlorobiphenyl	53742-07-7	0.00269	0.00269	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Octachlorobiphenyl	55722-26-4	0.00435	0.00435	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-001 (2-CB)	2051-60-7	0.000136	0.000136	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-002 (3-CB)	2051-61-8	0.0000638	0.0000638	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-003 (4-CB)	2051-62-9	0.0000965	0.0000965	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000356	0.000356	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000379	0.0000379	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.000182	0.000182	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.000015	0.000015	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000265	0.000265	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.00012	0.00012	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.00000721		mg/kg	N		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000353	0.000353	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000117		mg/kg	N		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.000207	0.000207	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000749	0.0000749	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000448	0.0000448	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.000114	0.000114	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00000559	0.00000559	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00000975	0.00000975	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.0000115	0.0000115	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.00000782	0.00000782	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.000308	0.000308	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.000028	0.000028	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.00000457	0.00000457	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000303	0.0000303	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.00000512	0.00000512	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.000141	0.000141	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000031	0.0000031	mg/kg	Y	JK	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.0000188	0.0000188	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.000121	0.000121	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.0000189	0.0000189	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.0000595	0.0000595	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.00387	0.00387	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000233	0.00000233	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.00000518	0.00000518	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.000245	0.000245	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.00000407	0.00000407	mg/kg	Y	JK	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.000193	0.000193	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.000135	0.000135	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.0000438	0.0000438	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.000457	0.000457	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.000567	0.000567	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.00000664	0.00000664	mg/kg	Y	JK	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.00000931	0.00000931	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.0000124	0.0000124	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.0005	0.0005	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.00000542		mg/kg	N		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.0000607	0.0000607	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.00000425		mg/kg	N		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.000327	0.000327	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.000825	0.000825	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.00228	0.00228	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.0000581	0.0000581	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.00143	0.00143	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.0000267	0.0000267	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.00702	0.00702	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.0000447	0.0000447	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0000364	0.0000364	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.00000101		mg/kg	N		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.00249	0.00249	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.00000548		mg/kg	N		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.000366	0.000366	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.0000114	0.0000114	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.00000303		mg/kg	N		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.000294	0.000294	mg/kg	Y		EPA 1668A

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-117 (2,3,4',5,6-PeCB)	68194-11-6	0.00018	0.00018	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.00525	0.00525	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.0000153	0.0000153	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.00000297		mg/kg	N		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.000069	0.000069	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.000257	0.000257	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.000167	0.000167	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.0000208	0.0000208	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.000653	0.000653	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.000166	0.000166	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.00318	0.00318	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.000112	0.000112	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-134 (2,2',3,3',5,6-HxCB)	52704-70-8	0.000503	0.000503	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.00107	0.00107	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.00053	0.00053	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.00155	0.00155	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.0000284		mg/kg	N		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-143 (2,2',3,4,5,6'-HxCB)	68194-15-0	0.0000283		mg/kg	N		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.000429	0.000429	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.00000719	0.00000719	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.000944	0.000944	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.0000182	0.0000182	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.0000162	0.0000162	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.0000713	0.0000713	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.00000715	0.00000715	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.000993	0.000993	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.000048	0.000048	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.0000477	0.0000477	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.0000195		mg/kg	N		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.0000405	0.0000405	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.000611	0.000611	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.0000187		mg/kg	N		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.000592	0.000592	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.000169	0.000169	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.00182	0.00182	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.000339	0.000339	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.00117	0.00117	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.000112	0.000112	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.000198	0.000198	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.000739	0.000739	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.000269	0.000269	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.000444	0.000444	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.0000454	0.0000454	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.0000396	0.0000396	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.000389	0.000389	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.0000428	0.0000428	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.00000996		mg/kg	N		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00000707	0.00000707	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.00138	0.00138	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.0000282	0.0000282	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.00025	0.00025	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.000357	0.000357	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.0000958	0.0000958	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.0000241	0.0000241	mg/kg	Y	JK	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.00083	0.00083	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.000319	0.000319	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.000606	0.000606	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.00017	0.00017	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.000137	0.000137	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.000246	0.000246	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.00019	0.00019	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.000624	0.000624	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.0000856	0.0000856	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.000102	0.000102	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.000961	0.000961	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.00108	0.00108	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.000646	0.000646	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCB-209 (DeCB)	2051-24-3	0.00828	0.00828	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 107+124	PCB107+124	0.000262	0.000262	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 110+115	PCB110+115	0.00867	0.00867	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 12+13	PCB12+13	0.000214	0.000214	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 128+166	PCB128+166	0.00165	0.00165	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 129+138+163	PCB129+138+163	0.00974	0.00974	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 135+151	PCB135+151	0.00224	0.00224	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 139+140	PCB139+140	0.000181	0.000181	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 147+149	PCB147+149	0.00552	0.00552	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 153+168	PCB153+168	0.00591	0.00591	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 156+157	PCB156+157	0.00168	0.00168	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 171+173	PCB171+173	0.000568	0.000568	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 18+30	PCB18+30	0.000113	0.000113	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 180+193	PCB180+193	0.00334	0.00334	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 198+199	PCB198+199	0.00104	0.00104	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 20+28	PCB20+28	0.0003	0.0003	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 21+33	PCB21+33	0.0000848	0.0000848	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 26+29	PCB26+29	0.0000391	0.0000391	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 40+41+71	PCB40+41+71	0.000271	0.000271	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 43+73	PCB43+73	0.00000681	0.00000681	mg/kg	Y	JK	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 44+47+65	PCB44+47+65	0.00138	0.00138	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 45+51	PCB45+51	0.00000915	0.00000915	mg/kg	Y	JK	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 49+69	PCB49+69	0.000669	0.000669	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 50+53	PCB50+53	0.0000907	0.0000907	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 59+62+75	PCB59+62+75	0.0000404	0.0000404	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.00243	0.00243	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 83+99	PCB83+99	0.00304	0.00304	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 85+116	PCB85+116	0.00107	0.00107	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.00524	0.00524	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 88+91	PCB88+91	0.000979	0.000979	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 90+101+113	PCB90+101+113	0.00752	0.00752	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 93+100	PCB93+100	0.0000365	0.0000365	mg/kg	Y	J	EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	PCBs 98+102	PCB98+102	0.000187	0.000187	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Pentachlorobiphenyl	25429-29-2	0.0478	0.0478	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Tetrachlorobiphenyl	26914-33-0	0.0115	0.0115	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Total PCBs	TPCB	0.128	0.128	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Trichlorobiphenyl	25323-68-6	0.00136	0.00136	mg/kg	Y		EPA 1668A
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	RAD	Radium-226	Ra-226	1.06	1.06	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	RAD	Radium-228	Ra-228	0.514	0.514	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	RAD	Thorium-228	Th-228	1.46	1.46	pCi/g	Y		DOE EML HASL-300
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	RAD	Thorium-230	Th-230	0.769	0.769	pCi/g	Y		DOE EML HASL-300
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	RAD	Thorium-232	Th-232	1.28	1.28	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	RAD	Uranium-234	U-234	1.09	1.09	pCi/g	Y		DOE EML HASL-300
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	RAD	Uranium-235	U-235	0.0658	0.0658	pCi/g	Y		DOE EML HASL-300
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	RAD	Uranium-238	U-238	0.953	0.953	pCi/g	Y		DOE EML HASL-300
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	SVOCs	1,4-Dioxane	123-91-1	0.00262796		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.0856071		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	SVOCs	Butylbenzylphthalate	85-68-7	0.065		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	SVOCs	Diethylphthalate	84-66-2	0.00858299		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	SVOCs	Dimethylphthalate	131-11-3	0.00091269		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	SVOCs	Di-n-butylphthalate	84-74-2	1.7	1.7	mg/kg	Y	J+	EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	SVOCs	Di-n-octylphthalate	117-84-0	0.00080807		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	SVOCs	Hexachlorobutadiene	87-68-3	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	SVOCs	Nitrobenzene	98-95-3	0.00122338		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	SVOCs	Octachlorostyrene	29082-74-4	0.00196341		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	SVOCs	Pyridine	110-86-1	0.0163531		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	TPH	Oil Range Organics	TPH-MOTOR	46		mg/kg	N		EPA 8015B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	46		mg/kg	N		EPA 8015B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	1,1,1-Trichloroethane	71-55-6	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	1,1,2-Trichloroethane	79-00-5	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	1,1-Dichloroethane	75-34-3	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	1,1-Dichloroethene	75-35-4	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	1,1-Dichloropropene	563-58-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0011		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	1,2,3-Trichloropropane	96-18-4	0.00095		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00094		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0007		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	1,2-Dibromoethane	106-93-4	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	1,2-Dichlorobenzene	95-50-1	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	1,2-Dichloroethane	107-06-2	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	1,2-Dichloropropane	78-87-5	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	1,3-Dichlorobenzene	541-73-1	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	1,3-Dichloropropane	142-28-9	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	1,4-Dichlorobenzene	106-46-7	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	2,2-Dichloropropane	594-20-7	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	2-Butanone	78-93-3	0.001		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	2-Chlorotoluene	95-49-8	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	2-Hexanone	591-78-6	0.00072		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	4-Chlorotoluene	106-43-4	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	4-Methyl-2-pentanone	108-10-1	0.00095		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Acetone	67-64-1	0.011	0.011	mg/kg	Y	J	EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Benzene	71-43-2	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Bromobenzene	108-86-1	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Bromochloromethane	74-97-5	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Bromodichloromethane	75-27-4	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Bromoform	75-25-2	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Bromomethane	74-83-9	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Carbon tetrachloride	56-23-5	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Chlorobenzene	108-90-7	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Chloroethane	75-00-3	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Chloroform	67-66-3	0.00015		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Chloromethane	74-87-3	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Cumene	98-82-8	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Dibromochloromethane	124-48-1	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Dibromomethane	74-95-3	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Dichlorodifluoromethane	75-71-8	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Diisopropyl ether	108-20-3	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Ethyl benzene	100-41-4	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Ethyl tert-butyl ether	637-92-3	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	m,p-Xylene	179601-23-1	0.00078		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Methyl tert-butyl ether	1634-04-4	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Methylene Chloride	75-09-2	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	n-Butylbenzene	104-51-8	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	n-Propylbenzene	103-65-1	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	o-Xylene	95-47-6	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	p-Cymene	99-87-6	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	sec-Butylbenzene	135-98-8	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Styrene	100-42-5	0.00016		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	t-Amyl methyl ether	994-05-8	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	tert-Butylbenzene	98-06-6	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Tetrachloroethene	127-18-4	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Toluene	108-88-3	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Trichloroethene	79-01-6	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Trichlorofluoromethane	75-69-4	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	VOCs	Vinyl chloride	75-01-4	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	General Chemistry	Alkalinity (as CaCO3)	ALKA	348	348	mg/kg	Y		SM 2320B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	General Chemistry	Ammonia	7664-41-7	0.412196235		mg/kg	N		EPA 350.1 MOD
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	General Chemistry	Bromide	24959-67-9	0.385		mg/kg	N		EPA 9056
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	General Chemistry	Carbonate as CO3	3812-32-6	0.689		mg/kg	N		SM 2320B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	General Chemistry	Chloride	16887-00-6	4.69		mg/kg	N		EPA 9056
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	General Chemistry	Cyanide (total)	57-12-5	0.218		mg/kg	N		EPA 9012A
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	General Chemistry	Hydrogen carbonate	71-52-3	260	260	mg/kg	Y		SM 2320B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	General Chemistry	Methylene Blue Active Substances	MBAS	2.43		mg/kg	N		SM 5540C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	General Chemistry	Nitrate	14797-55-8	1.589857143		mg/kg	N		EPA 9056
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	General Chemistry	Nitrite	14797-65-0	0.001		mg/kg	N		EPA 9056
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	General Chemistry	pH	PH	9.37	9.37	SU	Y		EPA 9045C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	General Chemistry	Sulfate	14808-79-8	95.5	95.5	mg/kg	Y		EPA 9056
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	General Chemistry	Total Organic Carbon	TOC	9550	9550	mg/kg	Y		LLOYD KAHN
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	Metals	Chromium VI	18540-29-9	0.664	0.664	mg/kg	Y		EPA 7199
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	Metals	Phosphorus (total)	7723-14-0	1090	1090	mg/kg	Y		EPA 365.1
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	4,4'-DDD	72-54-8	0.0079	0.0079	mg/kg	Y	J	EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	4,4'-DDE	72-55-9	0.6	0.6	mg/kg	Y		EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	4,4'-DDT	50-29-3	0.12	0.12	mg/kg	Y		EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	Aldrin	309-00-2	0.00007		mg/kg	N		EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	alpha-BHC	319-84-6	0.00031		mg/kg	N		EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	alpha-Chlordane	5103-71-9	0.00015		mg/kg	N		EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	beta-BHC	319-85-7	0.23	0.23	mg/kg	Y		EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	Chlordane (total)	57-74-9	0.0019		mg/kg	N		EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	delta-BHC	319-86-8	0.000089		mg/kg	N		EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	Dieldrin	60-57-1	0.00026		mg/kg	N		EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	Endosulfan I	959-98-8	0.0001		mg/kg	N		EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	Endosulfan II	33213-65-9	0.000091		mg/kg	N		EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	Endosulfan sulfate	1031-07-8	0.00009		mg/kg	N		EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	Endrin	72-20-8	0.0054	0.0054	mg/kg	Y		EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	Endrin aldehyde	7421-93-4	0.00083		mg/kg	N		EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	Endrin ketone	53494-70-5	0.00012		mg/kg	N		EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	gamma-BHC	58-89-9	0.00012		mg/kg	N		EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	gamma-Chlordane	5103-74-2	0.00012		mg/kg	N		EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	Heptachlor	76-44-8	0.000088		mg/kg	N		EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	Heptachlor epoxide	1024-57-3	0.00011		mg/kg	N		EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	Hexachlorobenzene	118-74-1	0.039	0.039	mg/kg	Y	J	EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	Methoxychlor	72-43-5	0.00026		mg/kg	N		EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	Toxaphene	8001-35-2	0.0097		mg/kg	N		EPA 8081
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PAHs	2-Methylnaphthalene	91-57-6	0.00223683		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PAHs	Acenaphthene	83-32-9	0.00119712		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PAHs	Acenaphthylene	208-96-8	0.00134267		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PAHs	Anthracene	120-12-7	0.001345		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PAHs	Benzo(a)anthracene	56-55-3	0.029	0.029	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PAHs	Benzo(a)pyrene	50-32-8	0.032	0.032	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PAHs	Benzo(b)fluoranthene	205-99-2	0.032	0.032	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PAHs	Benzo(g,h,i)perylene	191-24-2	0.027	0.027	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PAHs	Benzo(k)fluoranthene	207-08-9	0.033	0.033	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PAHs	Chrysene	218-01-9	0.046	0.046	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00137408		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PAHs	Fluoranthene	206-44-0	0.071	0.071	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PAHs	Fluorene	86-73-7	0.00281445		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023	0.023	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PAHs	Naphthalene	91-20-3	0.00117028		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PAHs	Phenanthrene	85-01-8	0.041	0.041	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PAHs	Pyrene	129-00-0	0.051	0.051	mg/kg	Y	J	EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PCBs	Aroclor-1016	12674-11-2	0.0091		mg/kg	N		EPA 8082
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PCBs	Aroclor-1221	11104-28-2	0.028		mg/kg	N		EPA 8082
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PCBs	Aroclor-1232	11141-16-5	0.011		mg/kg	N		EPA 8082
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PCBs	Aroclor-1242	53469-21-9	0.018		mg/kg	N		EPA 8082
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PCBs	Aroclor-1248	12672-29-6	0.019		mg/kg	N		EPA 8082
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PCBs	Aroclor-1254	11097-69-1	0.0098		mg/kg	N		EPA 8082
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PCBs	Aroclor-1260	11096-82-5	0.0086		mg/kg	N		EPA 8082
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	SVOCs	1,4-Dioxane	123-91-1	0.00262796		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.0856071		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	SVOCs	Butylbenzylphthalate	85-68-7	0.00190026		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	SVOCs	Diethylphthalate	84-66-2	0.00858299		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	SVOCs	Dimethylphthalate	131-11-3	0.00091269		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	SVOCs	Di-n-butylphthalate	84-74-2	1.3	1.3	mg/kg	Y	J+	EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	SVOCs	Di-n-octylphthalate	117-84-0	0.00080807		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	SVOCs	Hexachlorobutadiene	87-68-3	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	SVOCs	Nitrobenzene	98-95-3	0.00122338		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	SVOCs	Octachlorostyrene	29082-74-4	0.00196341		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	SVOCs	Pyridine	110-86-1	0.0163531		mg/kg	N		EPA 8270C
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	TPH	Oil Range Organics	TPH-MOTOR	49		mg/kg	N		EPA 8015B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	49		mg/kg	N		EPA 8015B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	1,1,1-Trichloroethane	71-55-6	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	1,1,2-Trichloroethane	79-00-5	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	1,1-Dichloroethane	75-34-3	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	1,1-Dichloroethene	75-35-4	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	1,1-Dichloropropene	563-58-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0011		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	1,2,3-Trichloropropane	96-18-4	0.00095		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00094		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0007		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	1,2-Dibromoethane	106-93-4	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	1,2-Dichlorobenzene	95-50-1	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	1,2-Dichloroethane	107-06-2	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	1,2-Dichloropropane	78-87-5	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	1,3-Dichlorobenzene	541-73-1	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	1,3-Dichloropropane	142-28-9	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	1,4-Dichlorobenzene	106-46-7	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	2,2-Dichloropropane	594-20-7	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	2-Butanone	78-93-3	0.001		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	2-Chlorotoluene	95-49-8	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	2-Hexanone	591-78-6	0.00072		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	4-Chlorotoluene	106-43-4	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	4-Methyl-2-pentanone	108-10-1	0.00095		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Acetone	67-64-1	0.0092	0.0092	mg/kg	Y	J	EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Benzene	71-43-2	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Bromobenzene	108-86-1	0.00042		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Bromochloromethane	74-97-5	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Bromodichloromethane	75-27-4	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Bromoform	75-25-2	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Bromomethane	74-83-9	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Carbon tetrachloride	56-23-5	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Chlorobenzene	108-90-7	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Chloroethane	75-00-3	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Chloroform	67-66-3	0.00015		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Chloromethane	74-87-3	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Cumene	98-82-8	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Dibromochloromethane	124-48-1	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Dibromomethane	74-95-3	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Dichlorodifluoromethane	75-71-8	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Diisopropyl ether	108-20-3	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Ethyl benzene	100-41-4	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Ethyl tert-butyl ether	637-92-3	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	m,p-Xylene	179601-23-1	0.00078		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Methyl tert-butyl ether	1634-04-4	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Methylene Chloride	75-09-2	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	n-Butylbenzene	104-51-8	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	n-Propylbenzene	103-65-1	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	o-Xylene	95-47-6	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	p-Cymene	99-87-6	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	sec-Butylbenzene	135-98-8	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Styrene	100-42-5	0.00016		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	t-Amyl methyl ether	994-05-8	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	tert-Butylbenzene	98-06-6	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Tetrachloroethene	127-18-4	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Toluene	108-88-3	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Trichloroethene	79-01-6	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Trichlorofluoromethane	75-69-4	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	VOCs	Vinyl chloride	75-01-4	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-180	SA180-2BPC	0.5-1.5	N	--	5/26/2010	Metals	Manganese	7439-96-5	12000	12000	mg/kg	Y		EPA 6020
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Chlorine Oxyanions	Chlorate	14866-68-3	18.3	18.3	mg/kg	Y		EPA 300.1
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	4.22	4.22	mg/kg	Y		EPA 314.0
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000373	0.0000373	mg/kg	Y		EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000854	0.00000854	mg/kg	Y		EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000105	0.0000105	mg/kg	Y		EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000182	0.00000182	mg/kg	Y	JK	EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000385	0.00000385	mg/kg	Y		EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000046	0.0000046	mg/kg	Y		EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000102	0.000000102	mg/kg	Y	J	EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000296	0.00000296	mg/kg	Y		EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000000426	0.000000426	mg/kg	Y	J	EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000000471	0.000000471	mg/kg	Y	J	EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000426	0.000000426	mg/kg	Y	J	EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000271	0.00000271	mg/kg	Y		EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000197	0.000000197	mg/kg	Y	JK	EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000167	0.00000167	mg/kg	Y	JK	EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000136	0.00000136	mg/kg	Y	J	EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000018	0.0000018	mg/kg	Y		EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	8.04E-08		mg/kg	N		EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	HpCDD (total)	37871-00-4	0.00000206	0.00000206	mg/kg	Y	J	EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	HpCDF (total)	38998-75-3	0.0000214	0.0000214	mg/kg	Y		EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	HxCDD (total)	34465-46-8	0.00000201	0.00000201	mg/kg	Y	J	EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	HxCDF (total)	55684-94-1	0.0000217	0.0000217	mg/kg	Y		EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	PeCDD (total)	36088-22-9	0.00000112	0.00000112	mg/kg	Y	J	EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	PeCDF (total)	30402-15-4	0.000026	0.000026	mg/kg	Y		EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	TCDD (total)	41903-57-5	0.00000441	0.00000441	mg/kg	Y		EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Dioxins	TCDF (total)	30402-14-3	0.0000303	0.0000303	mg/kg	Y		EPA 8290
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	801	801	mg/kg	Y		SM 2320B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Carbonate as CO3	3812-32-6	42	42	mg/kg	Y		SM 2320B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Chloride	16887-00-6	51.8	51.8	mg/kg	Y		EPA 9056
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Hydrogen carbonate	71-52-3	759	759	mg/kg	Y		SM 2320B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Methylene Blue Active Substances	MBAS	1.4	1.4	mg/kg	Y	J+	SM 5540C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Nitrate	14797-55-8	12.35571429	12.35571429	mg/kg	Y		EPA 9056
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	pH	PH	8.06	8.06	SU	Y		EPA 9045D
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Sulfate	14808-79-8	103	103	mg/kg	Y		EPA 9056
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Total Organic Carbon	TOC	4000	4000	mg/kg	Y		LLOYD KAHN
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Aluminum	7429-90-5	8430	8430	mg/kg	Y		EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Arsenic	7440-38-2	2.85	2.85	mg/kg	Y		EPA 6020
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Barium	7440-39-3	174	174	mg/kg	Y		EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Beryllium	7440-41-7	0.401	0.401	mg/kg	Y		EPA 6020
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Boron	7440-42-8	5.6	5.6	mg/kg	Y	J	EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Calcium	7440-70-2	25800	25800	mg/kg	Y		EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Chromium (total)	7440-47-3	8.71	8.71	mg/kg	Y	J	EPA 6020
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Chromium VI	18540-29-9	2.62	2.62	mg/kg	Y		EPA 7199
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Cobalt	7440-48-4	6.9	6.9	mg/kg	Y		EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Copper	7440-50-8	16.7	16.7	mg/kg	Y		EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Iron	7439-89-6	13300	13300	mg/kg	Y		EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Lead	7439-92-1	16	16	mg/kg	Y		EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Magnesium	7439-95-4	8700	8700	mg/kg	Y		EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Manganese	7439-96-5	833	833	mg/kg	Y		EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Mercury	7439-97-6	0.018	0.018	mg/kg	Y	J	EPA 7471
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Molybdenum	7439-98-7	0.42	0.42	mg/kg	Y		EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Nickel	7440-02-0	12.9	12.9	mg/kg	Y	J	EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Phosphorus (total)	7723-14-0	945	945	mg/kg	Y	J-	EPA 365.1M
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Platinum	7440-06-4	0.007		mg/kg	N		EPA 6020
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Potassium	7440-09-7	1990	1990	mg/kg	Y	J	EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Sodium	7440-23-5	1370	1370	mg/kg	Y		EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Strontium	7440-24-6	169	169	mg/kg	Y		EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Thallium	7440-28-0	0.172	0.172	mg/kg	Y		EPA 6020
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Tin	7440-31-5	3.9	3.9	mg/kg	Y	J	EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Titanium	7440-32-6	649	649	mg/kg	Y		EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Tungsten	7440-33-7	0.24	0.24	mg/kg	Y	J-	EPA 6020
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Uranium (total)	7440-61-1	0.914	0.914	mg/kg	Y	J	EPA 6020
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Vanadium	7440-62-2	35.2	35.2	mg/kg	Y		EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	Metals	Zinc	7440-66-6	33.2	33.2	mg/kg	Y		EPA 6010
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	OCPs	Hexachlorobenzene	118-74-1	0.00088		mg/kg	N		EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00059		mg/kg	N		EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	PAHs	Acenaphthylene	208-96-8	0.00077		mg/kg	N		EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0018	0.0018	mg/kg	Y	J	EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0007		mg/kg	N		EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0036	0.0036	mg/kg	Y	J	EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00087		mg/kg	N		EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	PAHs	Chrysene	218-01-9	0.0039	0.0039	mg/kg	Y	J	EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0008		mg/kg	N		EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	PAHs	Fluoranthene	206-44-0	0.0036	0.0036	mg/kg	Y	J	EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	PAHs	Fluorene	86-73-7	0.00072		mg/kg	N		EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0021	0.0021	mg/kg	Y	J	EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	PAHs	Naphthalene	91-20-3	0.0011	0.0011	mg/kg	Y	J	EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	PAHs	Phenanthrene	85-01-8	0.0036	0.0036	mg/kg	Y	J	EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	PAHs	Pyrene	129-00-0	0.0025	0.0025	mg/kg	Y	J	EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	RAD	Radium-226	Ra-226	0.654	0.654	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	RAD	Radium-228	Ra-228	1.63	1.63	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	RAD	Thorium-228	Th-228	2.37	2.37	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	RAD	Thorium-230	Th-230	1.31	1.31	pCi/g	Y		DOE EML HASL-300
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	RAD	Thorium-232	Th-232	1.54	1.54	pCi/g	Y		DOE EML HASL-300
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	RAD	Uranium-234	U-234	0.951	0.951	pCi/g	Y		DOE EML HASL-300
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	RAD	Uranium-235	U-235	0.0297	0.0297	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	RAD	Uranium-238	U-238	0.95	0.95	pCi/g	Y		DOE EML HASL-300
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	SVOCs	1,4-Dioxane	123-91-1	0.0052		mg/kg	N		EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Dimethylphthalate	131-11-3	0.00093		mg/kg	N		EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.053	0.053	mg/kg	Y	J	EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00072		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00016		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00069		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00073		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00066		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	2-Butanone	78-93-3	0.00073		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	2-Chlorotoluene	95-49-8	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	2-Hexanone	591-78-6	0.00067		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	4-Chlorotoluene	106-43-4	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00062		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Acetone	67-64-1	0.011	0.011	mg/kg	Y	J	EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Benzene	71-43-2	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Bromobenzene	108-86-1	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Bromochloromethane	74-97-5	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Bromodichloromethane	75-27-4	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Bromoform	75-25-2	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Bromomethane	74-83-9	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Carbon tetrachloride	56-23-5	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Chlorobenzene	108-90-7	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Chloroethane	75-00-3	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Chloroform	67-66-3	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Chloromethane	74-87-3	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Cumene	98-82-8	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Dibromochloromethane	124-48-1	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Dibromomethane	74-95-3	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Diisopropyl ether	108-20-3	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Ethyl benzene	100-41-4	0.00084		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	m,p-Xylene	179601-23-1	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Methylene Chloride	75-09-2	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	n-Butylbenzene	104-51-8	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	n-Propylbenzene	103-65-1	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	o-Xylene	95-47-6	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	p-Cymene	99-87-6	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	sec-Butylbenzene	135-98-8	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Styrene	100-42-5	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	tert Butyl alcohol	75-65-0	0.0067		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	tert-Butylbenzene	98-06-6	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Tetrachloroethene	127-18-4	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Toluene	108-88-3	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Trichloroethene	79-01-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	VOCs	Vinyl chloride	75-01-4	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Chlorine Oxyanions	Chlorate	14866-68-3	2580	2580	mg/kg	Y		EPA 300.1
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	54.6	54.6	mg/kg	Y		EPA 314.0
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000552	0.000552	mg/kg	Y		EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000163	0.0000163	mg/kg	Y		EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000183	0.000183	mg/kg	Y		EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000131	0.0000131	mg/kg	Y		EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000783	0.0000783	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000777	0.0000777	mg/kg	Y		EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000018	0.0000018	mg/kg	Y	J	EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000505	0.0000505	mg/kg	Y		EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000351	0.00000351	mg/kg	Y		EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000864	0.00000864	mg/kg	Y		EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000319	0.00000319	mg/kg	Y	JK	EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000313	0.0000313	mg/kg	Y		EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000225	0.00000225	mg/kg	Y	J	EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000306	0.0000306	mg/kg	Y		EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000157	0.0000157	mg/kg	Y		EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000157	0.0000157	mg/kg	Y		EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000695	0.000000695	mg/kg	Y	JK	EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	HpCDD (total)	37871-00-4	0.0000209	0.0000209	mg/kg	Y		EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	HpCDF (total)	38998-75-3	0.00038	0.00038	mg/kg	Y		EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	HxCDD (total)	34465-46-8	0.0000216	0.0000216	mg/kg	Y		EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	HxCDF (total)	55684-94-1	0.00038	0.00038	mg/kg	Y		EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	PeCDD (total)	36088-22-9	0.0000156	0.0000156	mg/kg	Y		EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	PeCDF (total)	30402-15-4	0.0003	0.0003	mg/kg	Y		EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	TCDD (total)	41903-57-5	0.0000222	0.0000222	mg/kg	Y		EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Dioxins	TCDF (total)	30402-14-3	0.000252	0.000252	mg/kg	Y		EPA 8290
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	323	323	mg/kg	Y		SM 2320B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Ammonia	7664-41-7	0.316138705	0.316138705	mg/kg	Y	J	EPA 350.1
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Chloride	16887-00-6	903	903	mg/kg	Y		EPA 9056
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Hydrogen carbonate	71-52-3	316	316	mg/kg	Y		SM 2320B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.3	2.3	mg/kg	Y	J+	SM 5540C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Nitrate	14797-55-8	144.3714286	144.3714286	mg/kg	Y		EPA 9056
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Nitrite	14797-65-0	4.22	4.22	mg/kg	Y		EPA 353.2
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	pH	PH	8.6	8.6	SU	Y		EPA 9045D
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Sulfate	14808-79-8	946	946	mg/kg	Y		EPA 9056
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	General Chemistry	Total Organic Carbon	TOC	5300	5300	mg/kg	Y		LLOYD KAHN
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Aluminum	7429-90-5	8930	8930	mg/kg	Y		EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Arsenic	7440-38-2	2.5	2.5	mg/kg	Y		EPA 6020
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Barium	7440-39-3	170	170	mg/kg	Y		EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Beryllium	7440-41-7	0.403	0.403	mg/kg	Y		EPA 6020
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Boron	7440-42-8	9.7	9.7	mg/kg	Y	J	EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Calcium	7440-70-2	31200	31200	mg/kg	Y		EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Chromium (total)	7440-47-3	13.9	13.9	mg/kg	Y	J	EPA 6020
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Chromium VI	18540-29-9	0.79	0.79	mg/kg	Y		EPA 7199
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Cobalt	7440-48-4	6.3	6.3	mg/kg	Y		EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Copper	7440-50-8	18	18	mg/kg	Y		EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Iron	7439-89-6	14600	14600	mg/kg	Y		EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Lead	7439-92-1	10	10	mg/kg	Y		EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Magnesium	7439-95-4	11100	11100	mg/kg	Y		EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Manganese	7439-96-5	315	315	mg/kg	Y		EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Mercury	7439-97-6	0.023	0.023	mg/kg	Y		EPA 7471
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Molybdenum	7439-98-7	0.43	0.43	mg/kg	Y		EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Nickel	7440-02-0	13.8	13.8	mg/kg	Y	J	EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Phosphorus (total)	7723-14-0	885	885	mg/kg	Y	J-	EPA 365.1M
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Platinum	7440-06-4	0.008	0.008	mg/kg	Y	J	EPA 6020
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Potassium	7440-09-7	2390	2390	mg/kg	Y	J	EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Sodium	7440-23-5	2840	2840	mg/kg	Y		EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Strontium	7440-24-6	247	247	mg/kg	Y		EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Thallium	7440-28-0	0.101	0.101	mg/kg	Y		EPA 6020
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Tin	7440-31-5	4.1	4.1	mg/kg	Y	J	EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Titanium	7440-32-6	682	682	mg/kg	Y		EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Tungsten	7440-33-7	0.25	0.25	mg/kg	Y	J-	EPA 6020
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Uranium (total)	7440-61-1	0.893	0.893	mg/kg	Y	J	EPA 6020
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Vanadium	7440-62-2	36	36	mg/kg	Y		EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	Metals	Zinc	7440-66-6	42.4	42.4	mg/kg	Y		EPA 6010
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	OCPs	Hexachlorobenzene	118-74-1	0.085	0.085	mg/kg	Y		EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	PAHs	2-Methylnaphthalene	91-57-6	0.0084	0.0084	mg/kg	Y	J	EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	PAHs	Acenaphthene	83-32-9	0.0031		mg/kg	N		EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	PAHs	Acenaphthylene	208-96-8	0.0023		mg/kg	N		EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	PAHs	Anthracene	120-12-7	0.0042	0.0042	mg/kg	Y	J	EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	PAHs	Benzo(a)anthracene	56-55-3	0.048	0.048	mg/kg	Y		EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	PAHs	Benzo(a)pyrene	50-32-8	0.039	0.039	mg/kg	Y		EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.042	0.042	mg/kg	Y		EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.021	0.021	mg/kg	Y	J	EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.031	0.031	mg/kg	Y		EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	PAHs	Chrysene	218-01-9	0.05	0.05	mg/kg	Y		EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0073	0.0073	mg/kg	Y	J	EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	PAHs	Fluoranthene	206-44-0	0.061	0.061	mg/kg	Y		EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	PAHs	Fluorene	86-73-7	0.0022		mg/kg	N		EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.019	0.019	mg/kg	Y	J	EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	PAHs	Naphthalene	91-20-3	0.0063	0.0063	mg/kg	Y	J	EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	PAHs	Phenanthrene	85-01-8	0.02	0.02	mg/kg	Y	J	EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	PAHs	Pyrene	129-00-0	0.056	0.056	mg/kg	Y		EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	RAD	Radium-226	Ra-226	1.01	1.01	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	RAD	Radium-228	Ra-228	1.12	1.12	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	RAD	Thorium-228	Th-228	2.47	2.47	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	RAD	Thorium-230	Th-230	0.803	0.803	pCi/g	Y		DOE EML HASL-300
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	RAD	Thorium-232	Th-232	1.75	1.75	pCi/g	Y		DOE EML HASL-300
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	RAD	Uranium-234	U-234	0.992	0.992	pCi/g	Y		DOE EML HASL-300
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	RAD	Uranium-235	U-235	0.0557	0.0557	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	RAD	Uranium-238	U-238	0.937	0.937	pCi/g	Y		DOE EML HASL-300
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	SVOCs	1,4-Dioxane	123-91-1	0.016		mg/kg	N		EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.4		mg/kg	N		EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0072		mg/kg	N		EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Diethylphthalate	84-66-2	0.37		mg/kg	N		EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Dimethylphthalate	131-11-3	0.0028		mg/kg	N		EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.11		mg/kg	N		EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0033		mg/kg	N		EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00079		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Nitrobenzene	98-95-3	0.0054		mg/kg	N		EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Octachlorostyrene	29082-74-4	0.017	0.017	mg/kg	Y	J	EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	SVOCs	Pyridine	110-86-1	0.082		mg/kg	N		EPA 8270C
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	TPH	Oil Range Organics	TPH-MOTOR	42		mg/kg	N		EPA 8015B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	42		mg/kg	N		EPA 8015B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00017		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00076		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0008		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00073		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00062		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	2,2-Dichloropropane	594-20-7	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	2-Butanone	78-93-3	0.0008		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	2-Chlorotoluene	95-49-8	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	2-Hexanone	591-78-6	0.00074		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	4-Chlorotoluene	106-43-4	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Acetone	67-64-1	0.0054	0.0054	mg/kg	Y	J	EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Benzene	71-43-2	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Bromobenzene	108-86-1	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Bromochloromethane	74-97-5	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Bromodichloromethane	75-27-4	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Bromoform	75-25-2	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Bromomethane	74-83-9	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Carbon tetrachloride	56-23-5	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Chlorobenzene	108-90-7	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Chloroethane	75-00-3	0.00045		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Chloroform	67-66-3	0.00088	0.00088	mg/kg	Y	J	EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Chloromethane	74-87-3	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Cumene	98-82-8	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Dibromochloromethane	124-48-1	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Dibromomethane	74-95-3	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00055		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Diisopropyl ether	108-20-3	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Ethyl benzene	100-41-4	0.00093		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	m,p-Xylene	179601-23-1	0.00066		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Methylene Chloride	75-09-2	0.00048	0.00048	mg/kg	Y	J	EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	n-Butylbenzene	104-51-8	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	n-Propylbenzene	103-65-1	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	o-Xylene	95-47-6	0.00066		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	p-Cymene	99-87-6	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	sec-Butylbenzene	135-98-8	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Styrene	100-42-5	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00012		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	tert Butyl alcohol	75-65-0	0.0074		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	tert-Butylbenzene	98-06-6	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Tetrachloroethene	127-18-4	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Toluene	108-88-3	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Trichloroethene	79-01-6	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	VOCs	Vinyl chloride	75-01-4	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.227	0.227	mg/kg	Y	J	EPA 300.1M
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	8.4	8.4	mg/kg	Y		EPA 314.0
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0165	0.0165	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000413	0.000413	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00617	0.00617	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000369	0.000369	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0026	0.0026	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00277	0.00277	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000592	0.0000592	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00184	0.00184	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000103	0.000103	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000164	0.000164	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00114	0.00114	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000735	0.0000735	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000318	0.000318	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000499	0.000499	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.002	0.002	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000259	0.0000259	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	HpCDD (total)	37871-00-4	0.000576	0.000576	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	HpCDF (total)	38998-75-3	0.0103	0.0103	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	HxCDD (total)	34465-46-8	0.000839	0.000839	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	HxCDF (total)	55684-94-1	0.0103	0.0103	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	PeCDD (total)	36088-22-9	0.000799	0.000799	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	PeCDF (total)	30402-15-4	0.00982	0.00982	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	TCDD (total)	41903-57-5	0.000791	0.000791	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Dioxins	TCDF (total)	30402-14-3	0.00911	0.00911	mg/kg	Y		EPA 8290
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	774	774	mg/kg	Y		SM 2320B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	General Chemistry	Carbonate as CO3	3812-32-6	64	64	mg/kg	Y		SM 2320B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	General Chemistry	Chloride	16887-00-6	879	879	mg/kg	Y	J+	EPA 9056
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	General Chemistry	Hydrogen carbonate	71-52-3	710	710	mg/kg	Y		SM 2320B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N		SM 5540C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	General Chemistry	Nitrate	14797-55-8	62.88571429	62.88571429	mg/kg	Y	J+	EPA 9056
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	General Chemistry	pH	PH	9.4	9.4	SU	Y		EPA 9045D
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	General Chemistry	Sulfate	14808-79-8	67	67	mg/kg	Y	J+	EPA 9056
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	General Chemistry	Total Organic Carbon	TOC	1420	1420	mg/kg	Y		LLOYD KAHN
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Aluminum	7429-90-5	8250	8250	mg/kg	Y		EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Arsenic	7440-38-2	1.87	1.87	mg/kg	Y		EPA 6020
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Barium	7440-39-3	157	157	mg/kg	Y		EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Beryllium	7440-41-7	0.425	0.425	mg/kg	Y		EPA 6020
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Boron	7440-42-8	6	6	mg/kg	Y	J	EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Calcium	7440-70-2	17100	17100	mg/kg	Y		EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Chromium (total)	7440-47-3	6.89	6.89	mg/kg	Y		EPA 6020
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Chromium VI	18540-29-9	0.18		mg/kg	N		EPA 7199
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Cobalt	7440-48-4	7.4	7.4	mg/kg	Y	J	EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Copper	7440-50-8	17.3	17.3	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Iron	7439-89-6	15700	15700	mg/kg	Y		EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Lead	7439-92-1	10.3	10.3	mg/kg	Y		EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Magnesium	7439-95-4	8830	8830	mg/kg	Y		EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Manganese	7439-96-5	456	456	mg/kg	Y		EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Mercury	7439-97-6	0.014	0.014	mg/kg	Y	J	EPA 7471
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Molybdenum	7439-98-7	0.42	0.42	mg/kg	Y		EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Nickel	7440-02-0	16	16	mg/kg	Y		EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Phosphorus (total)	7723-14-0	1140	1140	mg/kg	Y		EPA 365.1M
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Platinum	7440-06-4	0.01		mg/kg	N		EPA 6020
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Potassium	7440-09-7	2680	2680	mg/kg	Y		EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Sodium	7440-23-5	1980	1980	mg/kg	Y		EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Strontium	7440-24-6	80.7	80.7	mg/kg	Y		EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Thallium	7440-28-0	0.104	0.104	mg/kg	Y		EPA 6020
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Tin	7440-31-5	3.9	3.9	mg/kg	Y	J	EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Titanium	7440-32-6	742	742	mg/kg	Y		EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Tungsten	7440-33-7	0.22	0.22	mg/kg	Y	J-	EPA 6020
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Uranium (total)	7440-61-1	0.669	0.669	mg/kg	Y		EPA 6020
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Vanadium	7440-62-2	45.4	45.4	mg/kg	Y		EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	Metals	Zinc	7440-66-6	34.9	34.9	mg/kg	Y	J	EPA 6010
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	OCPs	Hexachlorobenzene	118-74-1	0.093	0.093	mg/kg	Y		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00059		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	PAHs	Acenaphthylene	208-96-8	0.00077		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0006		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0007		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00086		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0008		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	PAHs	Fluoranthene	206-44-0	0.0021	0.0021	mg/kg	Y	J	EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	PAHs	Fluorene	86-73-7	0.00072		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00092		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	PAHs	Naphthalene	91-20-3	0.0014	0.0014	mg/kg	Y	J	EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	PAHs	Pyrene	129-00-0	0.0018	0.0018	mg/kg	Y	J	EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	RAD	Radium-226	Ra-226	0.649	0.649	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	RAD	Radium-228	Ra-228	2.26	2.26	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	RAD	Thorium-228	Th-228	2.29	2.29	pCi/g	Y		DOE EML HASL-300
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	RAD	Thorium-230	Th-230	1.3	1.3	pCi/g	Y		DOE EML HASL-300
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	RAD	Thorium-232	Th-232	2.52	2.52	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	RAD	Uranium-234	U-234	0.73	0.73	pCi/g	Y		DOE EML HASL-300
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	RAD	Uranium-235	U-235	0.0605	0.0605	pCi/g	Y		DOE EML HASL-300
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	RAD	Uranium-238	U-238	0.837	0.837	pCi/g	Y		DOE EML HASL-300
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	SVOCs	1,4-Dioxane	123-91-1	0.0051		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	SVOCs	Dimethylphthalate	131-11-3	0.00092		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.12	0.12	mg/kg	Y	J	EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00068		mg/kg	N	UJ	EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	SVOCs	Octachlorostyrene	29082-74-4	0.028	0.028	mg/kg	Y	J	EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	TPH	Oil Range Organics	TPH-MOTOR	42		mg/kg	N		EPA 8015B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	42		mg/kg	N		EPA 8015B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00029		mg/kg	N	UJ	EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00015		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00065		mg/kg	N	UJ	EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00048		mg/kg	N	UJ	EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00069		mg/kg	N	UJ	EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00034		mg/kg	N	UJ	EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00063		mg/kg	N	UJ	EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00031		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00027		mg/kg	N	UJ	EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00045		mg/kg	N	UJ	EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00054		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	2-Butanone	78-93-3	0.00069		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	2-Chlorotoluene	95-49-8	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	2-Hexanone	591-78-6	0.00064		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	4-Chlorotoluene	106-43-4	0.00049		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00059		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Acetone	67-64-1	0.0071	0.0071	mg/kg	Y	J	EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Benzene	71-43-2	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Bromobenzene	108-86-1	0.00028		mg/kg	N	UJ	EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Bromochloromethane	74-97-5	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Bromodichloromethane	75-27-4	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Bromoform	75-25-2	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Bromomethane	74-83-9	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Carbon tetrachloride	56-23-5	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Chlorobenzene	108-90-7	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Chloroethane	75-00-3	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Chloroform	67-66-3	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Chloromethane	74-87-3	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Cumene	98-82-8	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Dibromochloromethane	124-48-1	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Dibromomethane	74-95-3	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Diisopropyl ether	108-20-3	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Ethyl benzene	100-41-4	0.0008		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	m,p-Xylene	179601-23-1	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Methylene Chloride	75-09-2	0.0021	0.0021	mg/kg	Y	J	EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	n-Butylbenzene	104-51-8	0.00053		mg/kg	N	UJ	EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	n-Propylbenzene	103-65-1	0.00036		mg/kg	N	UJ	EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	o-Xylene	95-47-6	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	p-Cymene	99-87-6	0.0004		mg/kg	N	UJ	EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	sec-Butylbenzene	135-98-8	0.00041		mg/kg	N	UJ	EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Styrene	100-42-5	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	t-Amyl methyl ether	994-05-8	0.0001		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	tert Butyl alcohol	75-65-0	0.0064		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	tert-Butylbenzene	98-06-6	0.00029		mg/kg	N	UJ	EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Tetrachloroethene	127-18-4	0.00045		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Toluene	108-88-3	0.0013	0.0013	mg/kg	Y	J	EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Trichloroethene	79-01-6	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Trichlorofluoromethane	75-69-4	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	VOCs	Vinyl chloride	75-01-4	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Chlorine Oxyanions	Chlorate	14866-68-3	18.4	18.4	mg/kg	Y	J-	EPA 9056
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Chlorine Oxyanions	Perchlorate	14797-73-0	217	217	mg/kg	Y		EPA 314.0
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.004379503	0.004379503	mg/kg	Y	J	EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000157306	0.000157306	mg/kg	Y	J	EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.001580034	0.001580034	mg/kg	Y	J	EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000145429	0.000145429	mg/kg	Y		EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000831444	0.000831444	mg/kg	Y	J	EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000652232	0.000652232	mg/kg	Y	J	EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000017947	0.000017947	mg/kg	Y		EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000425762	0.000425762	mg/kg	Y		EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000032612	0.000032612	mg/kg	Y		EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000052981	0.000052981	mg/kg	Y		EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000037309	0.000037309	mg/kg	Y		EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000314428	0.000314428	mg/kg	Y		EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000024099	0.000024099	mg/kg	Y		EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000216799	0.000216799	mg/kg	Y		EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000128463	0.000128463	mg/kg	Y		EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000181098	0.000181098	mg/kg	Y	J	EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000007426	0.000007426	mg/kg	Y		EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	HpCDD (total)	37871-00-4	0.000228544	0.000228544	mg/kg	Y		EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	HpCDF (total)	38998-75-3	0.003521881	0.003521881	mg/kg	Y	J	EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	HxCDD (total)	34465-46-8	0.000260194	0.000260194	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	HxCDF (total)	55684-94-1	0.002886323	0.002886323	mg/kg	Y	J	EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	PeCDD (total)	36088-22-9	0.000229389	0.000229389	mg/kg	Y		EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	PeCDF (total)	30402-15-4	0.002623048	0.002623048	mg/kg	Y		EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	TCDD (total)	41903-57-5	0.000205418	0.000205418	mg/kg	Y		EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Dioxins	TCDF (total)	30402-14-3	0.002089117	0.002089117	mg/kg	Y	J	EPA 8290
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Alkalinity	ALK	196	196	mg/kg	Y		EPA 310.1
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Alkalinity (as CaCO3)	ALKA	27.3		mg/kg	N	U	EPA 310.1
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Ammonia	7664-41-7	0.741710039		mg/kg	N	UJ	EPA 350.1
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Bromide	24959-67-9	0.55		mg/kg	N	UJ	EPA 9056
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Chloride	16887-00-6	11.8	11.8	mg/kg	Y	J-	EPA 9056
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Hydrogen carbonate	71-52-3	184	184	mg/kg	Y		EPA 310.1
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Methylene Blue Active Substances	MBAS	2.3		mg/kg	N	U	SM 5540C
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Moisture	MOIST	9.4	9.4	percent	Y		EPA 160.3
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Nitrate	14797-55-8	273.6857143	273.6857143	mg/kg	Y	J+	EPA 9056
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Nitrite	14797-65-0	0.31	0.31	mg/kg	Y	J-	EPA 9056
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	General Chemistry	ortho-Phosphate	11-36-9	11		mg/kg	N	U	EPA 9056
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	General Chemistry	pH	PH	8.1	8.1	SU	Y		EPA 9045
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Sulfate	14808-79-8	16.4	16.4	mg/kg	Y	J+	EPA 9056
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Total Organic Carbon	TOC	8000	8000	mg/kg	Y	J-	EPA 9060
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Aluminum	7429-90-5	7090	7090	mg/kg	Y		EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Antimony	7440-36-0	0.17	0.17	mg/kg	Y	J-	EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Arsenic	7440-38-2	2.2	2.2	mg/kg	Y		EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Barium	7440-39-3	150	150	mg/kg	Y	J	EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Beryllium	7440-41-7	0.46	0.46	mg/kg	Y		EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Boron	7440-42-8	2.8	2.8	mg/kg	Y	J-	EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Cadmium	7440-43-9	0.094	0.094	mg/kg	Y		EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Calcium	7440-70-2	15000	15000	mg/kg	Y		EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Chromium (total)	7440-47-3	10.3	10.3	mg/kg	Y	J-	EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Chromium VI	18540-29-9	0.11		mg/kg	N	U	EPA 7199
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Cobalt	7440-48-4	6.2	6.2	mg/kg	Y	J-	EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Copper	7440-50-8	12.4	12.4	mg/kg	Y	J-	EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Iron	7439-89-6	11800	11800	mg/kg	Y		EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Lead	7439-92-1	9	9	mg/kg	Y		EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Magnesium	7439-95-4	6680	6680	mg/kg	Y	J-	EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Manganese	7439-96-5	275	275	mg/kg	Y		EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Mercury	7439-97-6	0.01		mg/kg	N	U	EPA 7471
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Molybdenum	7439-98-7	0.45	0.45	mg/kg	Y	J	EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Nickel	7440-02-0	12.7	12.7	mg/kg	Y	J-	EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Platinum	7440-06-4	0.013	0.013	mg/kg	Y	J	EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Potassium	7440-09-7	1900	1900	mg/kg	Y		EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Selenium	7782-49-2	0.12		mg/kg	N	U	EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Silver	7440-22-4	0.14	0.14	mg/kg	Y	J	EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Sodium	7440-23-5	214	214	mg/kg	Y	J-	EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Strontium	7440-24-6	84.3	84.3	mg/kg	Y	J	EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Thallium	7440-28-0	0.098	0.098	mg/kg	Y	J	EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Tin	7440-31-5	0.51	0.51	mg/kg	Y		EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Titanium	7440-32-6	529	529	mg/kg	Y	J+	EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Tungsten	7440-33-7	0.24	0.24	mg/kg	Y	J-	EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Uranium (total)	7440-61-1	0.85	0.85	mg/kg	Y		EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Vanadium	7440-62-2	30.9	30.9	mg/kg	Y	J-	EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	Metals	Zinc	7440-66-6	24.9	24.9	mg/kg	Y	J-	EPA 6020
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	4,4'-DDD	72-54-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	4,4'-DDE	72-55-9	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	4,4'-DDT	50-29-3	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	Aldrin	309-00-2	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	alpha-BHC	319-84-6	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	alpha-Chlordane	5103-71-9	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	beta-BHC	319-85-7	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	Chlordane (total)	57-74-9	0.011		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	delta-BHC	319-86-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	Dieldrin	60-57-1	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	Endosulfan I	959-98-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	Endosulfan II	33213-65-9	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	Endosulfan sulfate	1031-07-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	Endrin	72-20-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	Endrin aldehyde	7421-93-4	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	Endrin ketone	53494-70-5	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	gamma-BHC	58-89-9	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	gamma-Chlordane	5103-74-2	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	Heptachlor	76-44-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	Heptachlor epoxide	1024-57-3	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	Hexachlorobenzene	118-74-1	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	Methoxychlor	72-43-5	0.0036		mg/kg	N	U	EPA 8081
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	Toxaphene	8001-35-2	0.055		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Chlorpyrifos	2921-88-2	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Coumaphos	56-72-4	0.014		mg/kg	N	UJ	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Dasanit	115-90-2	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Demeton-O	298-03-3	0.043		mg/kg	N	U	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Demeton-S	126-75-0	0.017		mg/kg	N	U	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Diazinon	333-41-5	0.024		mg/kg	N	U	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Dichlorovos	62-73-7	0.025		mg/kg	N	U	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Dimethoate	60-51-5	0.024		mg/kg	N	UJ	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Disulfoton	298-04-4	0.053		mg/kg	N	U	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	EPN	2104-64-5	0.014		mg/kg	N	UJ	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Ethoprop	13194-48-4	0.017		mg/kg	N	U	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Famphur	52-85-7	0.014		mg/kg	N	UJ	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Fenthion	55-38-9	0.036		mg/kg	N	U	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Guthion	86-50-0	0.014		mg/kg	N	UJ	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Malathion	121-75-5	0.017		mg/kg	N	U	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Merphos	150-50-5	0.033		mg/kg	N	U	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Methyl parathion	298-00-0	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Mevinphos	7786-34-7	0.017		mg/kg	N	U	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Naled	300-76-5	0.036		mg/kg	N	UJ	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Parathion	56-38-2	0.02		mg/kg	N	U	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Phorate	298-02-2	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Prothiophos	34643-46-4	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Ronnel	299-84-3	0.02		mg/kg	N	UJ	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Stirophos	22248-79-9	0.017		mg/kg	N	UJ	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Sulfotepp	3689-24-5	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Sulprofos	35400-43-2	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Thionazin	297-97-2	0.02		mg/kg	N	U	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OPPs	Trichloronate	327-98-0	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PAHs	2-Methylnaphthalene	91-57-6	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PAHs	Acenaphthene	83-32-9	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PAHs	Acenaphthylene	208-96-8	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PAHs	Anthracene	120-12-7	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PAHs	Benzo(a)anthracene	56-55-3	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PAHs	Benzo(a)pyrene	50-32-8	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PAHs	Benzo(b)fluoranthene	205-99-2	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PAHs	Benzo(g,h,i)perylene	191-24-2	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PAHs	Benzo(k)fluoranthene	207-08-9	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PAHs	Chrysene	218-01-9	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PAHs	Dibenz(a,h)anthracene	53-70-3	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PAHs	Fluoranthene	206-44-0	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PAHs	Fluorene	86-73-7	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PAHs	Naphthalene	91-20-3	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PAHs	Phenanthrene	85-01-8	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PAHs	Pyrene	129-00-0	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PCBs	Aroclor-1016	12674-11-2	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PCBs	Aroclor-1221	11104-28-2	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PCBs	Aroclor-1232	11141-16-5	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PCBs	Aroclor-1242	53469-21-9	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PCBs	Aroclor-1248	12672-29-6	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PCBs	Aroclor-1254	11097-69-1	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PCBs	Aroclor-1260	11096-82-5	0.036		mg/kg	N	U	EPA 8082
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	RAD	Radium-226	Ra-226	1.16	1.16	pCi/g	Y	J-	HASL-300 GAMMA
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	RAD	Radium-228	Ra-228	2	2	pCi/g	Y	J-	HASL-300 GAMMA
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	SVOCs	1,4-Dioxane	123-91-1	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	SVOCs	Butylbenzylphthalate	85-68-7	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	SVOCs	Diethylphthalate	84-66-2	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	SVOCs	Dimethylphthalate	131-11-3	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	SVOCs	Di-n-butylphthalate	84-74-2	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	SVOCs	Di-n-octylphthalate	117-84-0	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	SVOCs	Hexachlorobutadiene	87-68-3	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	SVOCs	Nitrobenzene	98-95-3	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	SVOCs	Octachlorostyrene	29082-74-4	0.36		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	SVOCs	Pyridine	110-86-1	1.8		mg/kg	N	U	EPA 8270
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	1,1,1-Trichloroethane	71-55-6	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	1,1,2-Trichloroethane	79-00-5	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	1,1-Dichloroethane	75-34-3	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	1,1-Dichloroethene	75-35-4	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	1,1-Dichloropropene	563-58-6	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	1,2,3-Trichloropropane	96-18-4	0.0055		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	1,2-Dibromoethane	106-93-4	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	1,2-Dichlorobenzene	95-50-1	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	1,2-Dichloroethane	107-06-2	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	1,2-Dichloropropane	78-87-5	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	1,3-Dichlorobenzene	541-73-1	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	1,3-Dichloropropane	142-28-9	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	1,4-Dichlorobenzene	106-46-7	0.017	0.017	mg/kg	Y		EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	2,2-Dichloropropane	594-20-7	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	2-Butanone	78-93-3	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	2-Chlorotoluene	95-49-8	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	2-Hexanone	591-78-6	0.011		mg/kg	N	UJ	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	4-Chlorotoluene	106-43-4	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	4-Methyl-2-pentanone	108-10-1	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Acetone	67-64-1	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Benzene	71-43-2	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Bromobenzene	108-86-1	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Bromochloromethane	74-97-5	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Bromodichloromethane	75-27-4	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Bromoform	75-25-2	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Bromomethane	74-83-9	0.011		mg/kg	N	UJ	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Carbon tetrachloride	56-23-5	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Chlorobenzene	108-90-7	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Chloroethane	75-00-3	0.0055		mg/kg	N	UJ	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Chloroform	67-66-3	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Chloromethane	74-87-3	0.0055		mg/kg	N	UJ	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Cumene	98-82-8	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Dibromochloromethane	124-48-1	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Dibromomethane	74-95-3	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Dichlorodifluoromethane	75-71-8	0.0055		mg/kg	N	UJ	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Diisopropyl ether	108-20-3	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Ethyl benzene	100-41-4	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Ethyl tert-butyl ether	637-92-3	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Methyl tert-butyl ether	1634-04-4	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Methylene Chloride	75-09-2	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	n-Butylbenzene	104-51-8	0.0055		mg/kg	N	UJ	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	n-Propylbenzene	103-65-1	0.0055		mg/kg	N	UJ	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	p-Cymene	99-87-6	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	sec-Butylbenzene	135-98-8	0.0055		mg/kg	N	UJ	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Styrene	100-42-5	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	t-Amyl methyl ether	994-05-8	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	tert Butyl alcohol	75-65-0	0.0055		mg/kg	N	UJ	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	tert-Butylbenzene	98-06-6	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Tetrachloroethene	127-18-4	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Toluene	108-88-3	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Trichloroethene	79-01-6	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Trichlorofluoromethane	75-69-4	0.0055		mg/kg	N	UJ	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Vinyl chloride	75-01-4	0.0055		mg/kg	N	U	EPA 8260
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	VOCs	Xylenes (total)	1330-20-7	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Chlorine Oxyanions	Chlorate	14866-68-3	1.1		mg/kg	N	UJ	EPA 9056
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Chlorine Oxyanions	Perchlorate	14797-73-0	0.15	0.15	mg/kg	Y		EPA 314.0
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Alkalinity	ALK	847	847	mg/kg	Y		EPA 310.1
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Alkalinity (as CaCO3)	ALKA	133	133	mg/kg	Y		EPA 310.1
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Ammonia	7664-41-7	0.741710039		mg/kg	N	UJ	EPA 350.1
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Bromide	24959-67-9	0.56		mg/kg	N	UJ	EPA 9056
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Chloride	16887-00-6	1.5	1.5	mg/kg	Y	J-	EPA 9056
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Hydrogen carbonate	71-52-3	714	714	mg/kg	Y		EPA 310.1
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Methylene Blue Active Substances	MBAS	2.2		mg/kg	N	U	SM 5540C
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Moisture	MOIST	10.1	10.1	percent	Y		EPA 160.3
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Nitrate	14797-55-8	2.347142857	2.347142857	mg/kg	Y	J+	EPA 9056
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Nitrite	14797-65-0	0.95	0.95	mg/kg	Y	J-	EPA 9056
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	General Chemistry	ortho-Phosphate	11-36-9	1.1		mg/kg	N	UJ	EPA 9056
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	General Chemistry	pH	PH	9.4	9.4	SU	Y		EPA 9045
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Sulfate	14808-79-8	19.7	19.7	mg/kg	Y	J+	EPA 9056
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	General Chemistry	Total Organic Carbon	TOC	11700	11700	mg/kg	Y	J	EPA 9060
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Aluminum	7429-90-5	8090	8090	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Antimony	7440-36-0	0.19	0.19	mg/kg	Y	J-	EPA 6020

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Arsenic	7440-38-2	2.7	2.7	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Barium	7440-39-3	176	176	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Beryllium	7440-41-7	0.53	0.53	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Boron	7440-42-8	4.7	4.7	mg/kg	Y	J	EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Cadmium	7440-43-9	0.091	0.091	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Calcium	7440-70-2	16600	16600	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Chromium (total)	7440-47-3	10.7	10.7	mg/kg	Y	J-	EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Chromium VI	18540-29-9	0.11		mg/kg	N	U	EPA 7199
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Cobalt	7440-48-4	6.5	6.5	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Copper	7440-50-8	12	12	mg/kg	Y	J-	EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Iron	7439-89-6	12100	12100	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Lead	7439-92-1	9.7	9.7	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Magnesium	7439-95-4	7500	7500	mg/kg	Y	J-	EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Manganese	7439-96-5	304	304	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Mercury	7439-97-6	0.00668		mg/kg	N	U	EPA 7471
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Molybdenum	7439-98-7	0.47	0.47	mg/kg	Y	J	EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Nickel	7440-02-0	13.4	13.4	mg/kg	Y	J-	EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Platinum	7440-06-4	0.014	0.014	mg/kg	Y	J	EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Potassium	7440-09-7	2470	2470	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Selenium	7782-49-2	0.12		mg/kg	N	U	EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Silver	7440-22-4	0.15	0.15	mg/kg	Y	J	EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Sodium	7440-23-5	362	362	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Strontium	7440-24-6	121	121	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Thallium	7440-28-0	0.12	0.12	mg/kg	Y	J	EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Tin	7440-31-5	0.51	0.51	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Titanium	7440-32-6	507	507	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Tungsten	7440-33-7	0.33	0.33	mg/kg	Y	J-	EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Uranium (total)	7440-61-1	0.81	0.81	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Vanadium	7440-62-2	30.5	30.5	mg/kg	Y	J-	EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	Metals	Zinc	7440-66-6	26.8	26.8	mg/kg	Y	J-	EPA 6020
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	4,4'-DDD	72-54-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	4,4'-DDE	72-55-9	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	4,4'-DDT	50-29-3	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	Aldrin	309-00-2	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	alpha-BHC	319-84-6	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	alpha-Chlordane	5103-71-9	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	beta-BHC	319-85-7	0.029	0.029	mg/kg	Y	J	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	Chlordane (total)	57-74-9	0.011		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	delta-BHC	319-86-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	Dieldrin	60-57-1	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	Endosulfan I	959-98-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	Endosulfan II	33213-65-9	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	Endosulfan sulfate	1031-07-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	Endrin	72-20-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	Endrin aldehyde	7421-93-4	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	Endrin ketone	53494-70-5	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	gamma-BHC	58-89-9	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	gamma-Chlordane	5103-74-2	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	Heptachlor	76-44-8	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	Heptachlor epoxide	1024-57-3	0.0019		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	Hexachlorobenzene	118-74-1	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	Methoxychlor	72-43-5	0.0037		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	Toxaphene	8001-35-2	0.056		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Chlorpyrifos	2921-88-2	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Coumaphos	56-72-4	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Dasanit	115-90-2	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Demeton-O	298-03-3	0.043		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Demeton-S	126-75-0	0.017		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Diazinon	333-41-5	0.024		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Dichlorovos	62-73-7	0.026		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Dimethoate	60-51-5	0.024		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Disulfoton	298-04-4	0.053		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	EPN	2104-64-5	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Ethoprop	13194-48-4	0.017		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Famphur	52-85-7	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Fenthion	55-38-9	0.037		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Guthion	86-50-0	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Malathion	121-75-5	0.017		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Merphos	150-50-5	0.033		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Methyl parathion	298-00-0	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Mevinphos	7786-34-7	0.017		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Naled	300-76-5	0.037		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Parathion	56-38-2	0.02		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Phorate	298-02-2	0.022		mg/kg	N	U	EPA 8141A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Prothiophos	34643-46-4	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Ronnel	299-84-3	0.02		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Stirophos	22248-79-9	0.017		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Sulfotepp	3689-24-5	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Sulprofos	35400-43-2	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Thionazin	297-97-2	0.02		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OPPs	Trichloronate	327-98-0	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PAHs	2-Methylnaphthalene	91-57-6	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PAHs	Acenaphthene	83-32-9	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PAHs	Acenaphthylene	208-96-8	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PAHs	Anthracene	120-12-7	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PAHs	Benzo(a)anthracene	56-55-3	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PAHs	Benzo(a)pyrene	50-32-8	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PAHs	Benzo(b)fluoranthene	205-99-2	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PAHs	Benzo(g,h,i)perylene	191-24-2	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PAHs	Benzo(k)fluoranthene	207-08-9	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PAHs	Chrysene	218-01-9	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PAHs	Dibenz(a,h)anthracene	53-70-3	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PAHs	Fluoranthene	206-44-0	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PAHs	Fluorene	86-73-7	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PAHs	Naphthalene	91-20-3	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PAHs	Phenanthrene	85-01-8	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PAHs	Pyrene	129-00-0	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PCBs	Aroclor-1016	12674-11-2	0.037		mg/kg	N	U	EPA 8082
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PCBs	Aroclor-1221	11104-28-2	0.037		mg/kg	N	U	EPA 8082
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PCBs	Aroclor-1232	11141-16-5	0.037		mg/kg	N	U	EPA 8082
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PCBs	Aroclor-1242	53469-21-9	0.037		mg/kg	N	U	EPA 8082
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PCBs	Aroclor-1248	12672-29-6	0.037		mg/kg	N	U	EPA 8082
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PCBs	Aroclor-1254	11097-69-1	0.037		mg/kg	N	U	EPA 8082
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PCBs	Aroclor-1260	11096-82-5	0.037		mg/kg	N	U	EPA 8082
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	RAD	Radium-226	Ra-226	1	1	pCi/g	Y	J-	HASL-300 GAMMA
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	RAD	Radium-228	Ra-228	1.87	1.87	pCi/g	Y	J-	HASL-300 GAMMA
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	SVOCs	1,4-Dioxane	123-91-1	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	SVOCs	Butylbenzylphthalate	85-68-7	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	SVOCs	Diethylphthalate	84-66-2	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	SVOCs	Dimethylphthalate	131-11-3	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	SVOCs	Di-n-butylphthalate	84-74-2	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	SVOCs	Di-n-octylphthalate	117-84-0	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	SVOCs	Hexachlorobutadiene	87-68-3	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	SVOCs	Nitrobenzene	98-95-3	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	SVOCs	Octachlorostyrene	29082-74-4	0.37		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	SVOCs	Pyridine	110-86-1	1.8		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	1,1,1-Trichloroethane	71-55-6	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	1,1,2-Trichloroethane	79-00-5	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	1,1-Dichloroethane	75-34-3	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	1,1-Dichloroethene	75-35-4	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	1,1-Dichloropropene	563-58-6	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	1,2,3-Trichloropropane	96-18-4	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	1,2-Dibromoethane	106-93-4	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	1,2-Dichlorobenzene	95-50-1	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	1,2-Dichloroethane	107-06-2	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	1,2-Dichloropropane	78-87-5	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	1,3-Dichlorobenzene	541-73-1	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	1,3-Dichloropropane	142-28-9	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	1,4-Dichlorobenzene	106-46-7	0.012	0.012	mg/kg	Y		EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	2,2-Dichloropropane	594-20-7	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	2-Butanone	78-93-3	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	2-Chlorotoluene	95-49-8	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	2-Hexanone	591-78-6	0.011		mg/kg	N	UJ	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	4-Chlorotoluene	106-43-4	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	4-Methyl-2-pentanone	108-10-1	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Acetone	67-64-1	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Benzene	71-43-2	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Bromobenzene	108-86-1	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Bromochloromethane	74-97-5	0.0056		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Bromodichloromethane	75-27-4	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Bromoform	75-25-2	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Bromomethane	74-83-9	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Carbon tetrachloride	56-23-5	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Chlorobenzene	108-90-7	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Chloroethane	75-00-3	0.0056		mg/kg	N	UJ	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Chloroform	67-66-3	0.00052	0.00052	mg/kg	Y	J	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Chloromethane	74-87-3	0.0056		mg/kg	N	UJ	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Cumene	98-82-8	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Dibromochloromethane	124-48-1	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Dibromomethane	74-95-3	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Dichlorodifluoromethane	75-71-8	0.0056		mg/kg	N	UJ	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Diisopropyl ether	108-20-3	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Ethyl benzene	100-41-4	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Ethyl tert-butyl ether	637-92-3	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Methyl tert-butyl ether	1634-04-4	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Methylene Chloride	75-09-2	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	n-Butylbenzene	104-51-8	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	n-Propylbenzene	103-65-1	0.0056		mg/kg	N	UJ	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	p-Cymene	99-87-6	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	sec-Butylbenzene	135-98-8	0.0056		mg/kg	N	UJ	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Styrene	100-42-5	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	t-Amyl methyl ether	994-05-8	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	tert Butyl alcohol	75-65-0	0.0056		mg/kg	N	UJ	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	tert-Butylbenzene	98-06-6	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Tetrachloroethene	127-18-4	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Toluene	108-88-3	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Trichloroethene	79-01-6	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Trichlorofluoromethane	75-69-4	0.0056		mg/kg	N	UJ	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Vinyl chloride	75-01-4	0.0056		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	VOCs	Xylenes (total)	1330-20-7	0.011		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Chlorine Oxyanions	Chlorate	14866-68-3	1.2		mg/kg	N	UJ	EPA 9056
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Chlorine Oxyanions	Perchlorate	14797-73-0	0.158	0.158	mg/kg	Y		EPA 314.0
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	General Chemistry	Alkalinity	ALK	1300	1300	mg/kg	Y		EPA 310.1
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	General Chemistry	Alkalinity (as CaCO3)	ALKA	177	177	mg/kg	Y		EPA 310.1
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	General Chemistry	Ammonia	7664-41-7	0.826824306		mg/kg	N	UJ	EPA 350.1
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	General Chemistry	Bromide	24959-67-9	0.62		mg/kg	N	UJ	EPA 9056
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	General Chemistry	Chloride	16887-00-6	4.8	4.8	mg/kg	Y	J-	EPA 9056
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	General Chemistry	Hydrogen carbonate	71-52-3	1120	1120	mg/kg	Y		EPA 310.1
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	General Chemistry	Methylene Blue Active Substances	MBAS	2.2		mg/kg	N	U	SM 5540C
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	General Chemistry	Moisture	MOIST	19.5	19.5	percent	Y		EPA 160.3
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	General Chemistry	Nitrate	14797-55-8	0.221428571		mg/kg	N	U	EPA 9056
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	General Chemistry	Nitrite	14797-65-0	0.05		mg/kg	N	UJ	EPA 9056
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	General Chemistry	ortho-Phosphate	11-36-9	1.2		mg/kg	N	U	EPA 9056
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	General Chemistry	pH	PH	9.3	9.3	SU	Y		EPA 9045
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	General Chemistry	Sulfate	14808-79-8	27.3	27.3	mg/kg	Y	J+	EPA 9056
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	General Chemistry	Total Organic Carbon	TOC	2100	2100	mg/kg	Y	J	EPA 9060
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Aluminum	7429-90-5	9460	9460	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Antimony	7440-36-0	0.23	0.23	mg/kg	Y	J-	EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Arsenic	7440-38-2	3.1	3.1	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Barium	7440-39-3	221	221	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Beryllium	7440-41-7	0.62	0.62	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Boron	7440-42-8	7.7	7.7	mg/kg	Y	J	EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Cadmium	7440-43-9	0.12	0.12	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Calcium	7440-70-2	21900	21900	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Chromium (total)	7440-47-3	12.6	12.6	mg/kg	Y	J-	EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Chromium VI	18540-29-9	0.12		mg/kg	N	U	EPA 7199
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Cobalt	7440-48-4	8.2	8.2	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Copper	7440-50-8	14.1	14.1	mg/kg	Y	J-	EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Iron	7439-89-6	14300	14300	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Lead	7439-92-1	11.9	11.9	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Magnesium	7439-95-4	8460	8460	mg/kg	Y	J-	EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Manganese	7439-96-5	396	396	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Mercury	7439-97-6	0.028		mg/kg	N	U	EPA 7471
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Molybdenum	7439-98-7	0.61	0.61	mg/kg	Y	J	EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Nickel	7440-02-0	15.6	15.6	mg/kg	Y	J-	EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Platinum	7440-06-4	0.019	0.019	mg/kg	Y	J	EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Potassium	7440-09-7	2910	2910	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Selenium	7782-49-2	0.13		mg/kg	N	U	EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Silver	7440-22-4	0.17	0.17	mg/kg	Y	J	EPA 6020

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Sodium	7440-23-5	420	420	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Strontium	7440-24-6	141	141	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Thallium	7440-28-0	0.25	0.25	mg/kg	Y	J	EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Tin	7440-31-5	0.67	0.67	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Titanium	7440-32-6	572	572	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Tungsten	7440-33-7	0.47	0.47	mg/kg	Y	J-	EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Uranium (total)	7440-61-1	0.97	0.97	mg/kg	Y		EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Vanadium	7440-62-2	34.8	34.8	mg/kg	Y	J-	EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	Metals	Zinc	7440-66-6	30.4	30.4	mg/kg	Y	J-	EPA 6020
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	4,4'-DDD	72-54-8	0.021		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	4,4'-DDE	72-55-9	0.021		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	4,4'-DDT	50-29-3	0.021		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	Aldrin	309-00-2	0.021		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	alpha-BHC	319-84-6	0.021		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	alpha-Chlordane	5103-71-9	0.021		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	beta-BHC	319-85-7	0.032	0.032	mg/kg	Y		EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	Chlordane (total)	57-74-9	0.12		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	delta-BHC	319-86-8	0.021		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	Dieldrin	60-57-1	0.021		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	Endosulfan I	959-98-8	0.021		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	Endosulfan II	33213-65-9	0.021		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	Endosulfan sulfate	1031-07-8	0.021		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	Endrin	72-20-8	0.021		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	Endrin aldehyde	7421-93-4	0.021		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	Endrin ketone	53494-70-5	0.021		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	gamma-BHC	58-89-9	0.021		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	gamma-Chlordane	5103-74-2	0.021		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	Heptachlor	76-44-8	0.021		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	Heptachlor epoxide	1024-57-3	0.021		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	Hexachlorobenzene	118-74-1	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	Methoxychlor	72-43-5	0.041		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	Toxaphene	8001-35-2	0.62		mg/kg	N	U	EPA 8081
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Chlorpyrifos	2921-88-2	0.025		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Coumaphos	56-72-4	0.016		mg/kg	N	UJ	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Dasanit	115-90-2	0.016		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Demeton-O	298-03-3	0.048		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Demeton-S	126-75-0	0.019		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Diazinon	333-41-5	0.027		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Dichlorovos	62-73-7	0.029		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Dimethoate	60-51-5	0.027		mg/kg	N	UJ	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Disulfoton	298-04-4	0.06		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	EPN	2104-64-5	0.016		mg/kg	N	UJ	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Ethoprop	13194-48-4	0.019		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Famphur	52-85-7	0.016		mg/kg	N	UJ	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Fenthion	55-38-9	0.041		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Guthion	86-50-0	0.016		mg/kg	N	UJ	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Malathion	121-75-5	0.019		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Merphos	150-50-5	0.037		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Methyl parathion	298-00-0	0.025		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Mevinphos	7786-34-7	0.019		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Naled	300-76-5	0.041		mg/kg	N	UJ	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Parathion	56-38-2	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Phorate	298-02-2	0.025		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Prothiophos	34643-46-4	0.025		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Ronnel	299-84-3	0.022		mg/kg	N	UJ	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Stirophos	22248-79-9	0.019		mg/kg	N	UJ	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Sulfotepp	3689-24-5	0.025		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Sulprofos	35400-43-2	0.016		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Thionazin	297-97-2	0.022		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OPPs	Trichloronate	327-98-0	0.025		mg/kg	N	U	EPA 8141A
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PAHs	2-Methylnaphthalene	91-57-6	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PAHs	Acenaphthene	83-32-9	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PAHs	Acenaphthylene	208-96-8	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PAHs	Anthracene	120-12-7	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PAHs	Benzo(a)anthracene	56-55-3	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PAHs	Benzo(a)pyrene	50-32-8	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PAHs	Benzo(b)fluoranthene	205-99-2	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PAHs	Benzo(g,h,i)perylene	191-24-2	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PAHs	Benzo(k)fluoranthene	207-08-9	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PAHs	Chrysene	218-01-9	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PAHs	Dibenz(a,h)anthracene	53-70-3	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PAHs	Fluoranthene	206-44-0	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PAHs	Fluorene	86-73-7	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.41		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PAHs	Naphthalene	91-20-3	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PAHs	Phenanthrene	85-01-8	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PAHs	Pyrene	129-00-0	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PCBs	Aroclor-1016	12674-11-2	0.041		mg/kg	N	U	EPA 8082
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PCBs	Aroclor-1221	11104-28-2	0.041		mg/kg	N	U	EPA 8082
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PCBs	Aroclor-1232	11141-16-5	0.041		mg/kg	N	U	EPA 8082
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PCBs	Aroclor-1242	53469-21-9	0.041		mg/kg	N	U	EPA 8082
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PCBs	Aroclor-1248	12672-29-6	0.041		mg/kg	N	U	EPA 8082
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PCBs	Aroclor-1254	11097-69-1	0.041		mg/kg	N	U	EPA 8082
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PCBs	Aroclor-1260	11096-82-5	0.041		mg/kg	N	U	EPA 8082
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	RAD	Radium-226	Ra-226	0.863	0.863	pCi/g	Y	J-	HASL-300 GAMMA
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	RAD	Radium-228	Ra-228	1.56	1.56	pCi/g	Y	J-	HASL-300 GAMMA
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	SVOCs	1,4-Dioxane	123-91-1	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	SVOCs	Butylbenzylphthalate	85-68-7	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	SVOCs	Diethylphthalate	84-66-2	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	SVOCs	Dimethylphthalate	131-11-3	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	SVOCs	Di-n-butylphthalate	84-74-2	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	SVOCs	Di-n-octylphthalate	117-84-0	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	SVOCs	Hexachlorobutadiene	87-68-3	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	SVOCs	Nitrobenzene	98-95-3	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	SVOCs	Octachlorostyrene	29082-74-4	0.41		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	SVOCs	Pyridine	110-86-1	2		mg/kg	N	U	EPA 8270
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	1,1,1-Trichloroethane	71-55-6	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	1,1,2-Trichloroethane	79-00-5	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	1,1-Dichloroethane	75-34-3	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	1,1-Dichloroethene	75-35-4	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	1,1-Dichloropropene	563-58-6	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	1,2,3-Trichloropropane	96-18-4	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	1,2-Dibromoethane	106-93-4	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	1,2-Dichlorobenzene	95-50-1	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	1,2-Dichloroethane	107-06-2	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	1,2-Dichloropropane	78-87-5	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	1,3-Dichlorobenzene	541-73-1	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	1,3-Dichloropropane	142-28-9	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	1,4-Dichlorobenzene	106-46-7	0.0091	0.0091	mg/kg	Y		EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	2,2-Dichloropropane	594-20-7	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	2-Butanone	78-93-3	0.012		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	2-Chlorotoluene	95-49-8	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	2-Hexanone	591-78-6	0.012		mg/kg	N	UJ	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	4-Chlorotoluene	106-43-4	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	4-Methyl-2-pentanone	108-10-1	0.012		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Acetone	67-64-1	0.012		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Benzene	71-43-2	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Bromobenzene	108-86-1	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Bromochloromethane	74-97-5	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Bromodichloromethane	75-27-4	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Bromoform	75-25-2	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Bromomethane	74-83-9	0.012		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Carbon tetrachloride	56-23-5	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Chlorobenzene	108-90-7	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Chloroethane	75-00-3	0.0062		mg/kg	N	UJ	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Chloroform	67-66-3	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Chloromethane	74-87-3	0.0062		mg/kg	N	UJ	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Cumene	98-82-8	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Dibromochloromethane	124-48-1	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Dibromomethane	74-95-3	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Dichlorodifluoromethane	75-71-8	0.0062		mg/kg	N	UJ	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Diisopropyl ether	108-20-3	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Ethyl benzene	100-41-4	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Ethyl tert-butyl ether	637-92-3	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Methyl tert-butyl ether	1634-04-4	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Methylene Chloride	75-09-2	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	n-Butylbenzene	104-51-8	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	n-Propylbenzene	103-65-1	0.0062		mg/kg	N	UJ	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	p-Cymene	99-87-6	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	sec-Butylbenzene	135-98-8	0.0062		mg/kg	N	UJ	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Styrene	100-42-5	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	t-Amyl methyl ether	994-05-8	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	tert Butyl alcohol	75-65-0	0.0062		mg/kg	N	UJ	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	tert-Butylbenzene	98-06-6	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Tetrachloroethene	127-18-4	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Toluene	108-88-3	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Trichloroethene	79-01-6	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Trichlorofluoromethane	75-69-4	0.0062		mg/kg	N	UJ	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Vinyl chloride	75-01-4	0.0062		mg/kg	N	U	EPA 8260
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	VOCs	Xylenes (total)	1330-20-7	0.012		mg/kg	N	U	EPA 8260
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0024	0.0024	mg/kg	Y	J	EPA 8290
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00068	0.00068	mg/kg	Y		EPA 8290
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000064	0.000064	mg/kg	Y		EPA 8290
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00032	0.00032	mg/kg	Y		EPA 8290
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00021	0.00021	mg/kg	Y		EPA 8290
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000093	0.0000093	mg/kg	Y		EPA 8290
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000032	0.000032	mg/kg	Y		EPA 8290
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000082	0.0000082	mg/kg	Y		EPA 8290
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000046	0.000046	mg/kg	Y		EPA 8290
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000092	0.000092	mg/kg	Y		EPA 8290
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000081	0.000081	mg/kg	Y		EPA 8290
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000031	0.0000031	mg/kg	Y		EPA 8290
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	General Chemistry	Moisture	MOIST	2.6	2.6	percent	Y		ASTM 2216
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	OCPs	Hexachlorobenzene	118-74-1	0.028		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	PAHs	Acenaphthene	83-32-9	0.01		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	PAHs	Benzo(a)anthracene	56-55-3	0.02		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	PAHs	Benzo(a)pyrene	50-32-8	0.02		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.026		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.016		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.039		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	PAHs	Chrysene	218-01-9	0.026		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	PAHs	Fluoranthene	206-44-0	0.035		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.022		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	PAHs	Naphthalene	91-20-3	0.03		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	SVOCs	1,4-Dioxane	123-91-1	0.065		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.045		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.042		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Diethylphthalate	84-66-2	0.025		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Dimethylphthalate	131-11-3	0.023		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.028		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.014		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Nitrobenzene	98-95-3	0.022		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Octachlorostyrene	29082-74-4	0.056		mg/kg	N		EPA 8270C
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.003	0.003	mg/kg	Y		EPA 8290
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000063	0.000063	mg/kg	Y		EPA 8290
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0011	0.0011	mg/kg	Y		EPA 8290
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000056	0.000056	mg/kg	Y		EPA 8290
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00044	0.00044	mg/kg	Y		EPA 8290
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00037	0.00037	mg/kg	Y		EPA 8290
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000063	0.0000063	mg/kg	Y		EPA 8290
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00026	0.00026	mg/kg	Y		EPA 8290
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000038	0.000038	mg/kg	Y		EPA 8290
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000099	0.0000099	mg/kg	Y		EPA 8290
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00016	0.00016	mg/kg	Y		EPA 8290
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000085	0.0000085	mg/kg	Y		EPA 8290
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000065	0.000065	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00009	0.00009	mg/kg	Y		EPA 8290
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000034	0.0000034	mg/kg	Y		EPA 8290
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	General Chemistry	Moisture	MOIST	16.3	16.3	percent	Y		ASTM 2216
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	Metals	Magnesium	7439-95-4	17000	17000	mg/kg	Y		EPA 6020
DU-1	SA-207	SA207-12BPC_FD	0-0	FD	SA207-12BPC	4/13/2010	Metals	Magnesium	7439-95-4	27000	27000	mg/kg	Y		EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Chlorine Oxyanions	Chlorate	14866-68-3	5.2		mg/kg	N	U	EPA 9056
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Chlorine Oxyanions	Perchlorate	14797-73-0	1.17	1.17	mg/kg	Y		EPA 314.0
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	General Chemistry	Alkalinity	ALK	749	749	mg/kg	Y	J	EPA 310.1
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	General Chemistry	Alkalinity (as CaCO3)	ALKA	151	151	mg/kg	Y	J	EPA 310.1
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	General Chemistry	Ammonia	7664-41-7	6.322774101		mg/kg	N	UJ	EPA 350.1
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	General Chemistry	Bromide	24959-67-9	2.6		mg/kg	N	U	EPA 9056
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	General Chemistry	Chloride	16887-00-6	8	8	mg/kg	Y		EPA 9056
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	General Chemistry	Hydrogen carbonate	71-52-3	598	598	mg/kg	Y	J	EPA 310.1
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	U	SM 5540C
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	General Chemistry	Moisture	MOIST	4.3	4.3	percent	Y		EPA 160.3
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	General Chemistry	Nitrate	14797-55-8	11.07142857	11.07142857	mg/kg	Y	J+	EPA 9056
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	General Chemistry	Nitrite	14797-65-0	0.47	0.47	mg/kg	Y		EPA 9056
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	General Chemistry	ortho-Phosphate	11-36-9	5.2		mg/kg	N	U	EPA 9056
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	General Chemistry	pH	PH	8.7	8.7	SU	Y		EPA 9045
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	General Chemistry	Sulfate	14808-79-8	57	57	mg/kg	Y		EPA 9056
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	General Chemistry	Total Organic Carbon	TOC	2480	2480	mg/kg	Y		EPA 9060
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Aluminum	7429-90-5	6140	6140	mg/kg	Y		EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Antimony	7440-36-0	0.15	0.15	mg/kg	Y	J-	EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Arsenic	7440-38-2	2.4	2.4	mg/kg	Y		EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Barium	7440-39-3	165	165	mg/kg	Y	J	EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Beryllium	7440-41-7	0.39	0.39	mg/kg	Y		EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Boron	7440-42-8	3.7	3.7	mg/kg	Y	J	EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Cadmium	7440-43-9	0.12	0.12	mg/kg	Y		EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Calcium	7440-70-2	28400	28400	mg/kg	Y		EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Chromium (total)	7440-47-3	8.7	8.7	mg/kg	Y	J-	EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Chromium VI	18540-29-9	0.21		mg/kg	N	U	EPA 7199
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Cobalt	7440-48-4	5.2	5.2	mg/kg	Y	J-	EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Copper	7440-50-8	11.2	11.2	mg/kg	Y	J	EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Iron	7439-89-6	10300	10300	mg/kg	Y		EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Lead	7439-92-1	8.2	8.2	mg/kg	Y	J	EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Magnesium	7439-95-4	7560	7560	mg/kg	Y	J-	EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Manganese	7439-96-5	269	269	mg/kg	Y	J	EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Mercury	7439-97-6	0.007		mg/kg	N	UJ	EPA 7471
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Molybdenum	7439-98-7	0.56	0.56	mg/kg	Y	J	EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Nickel	7440-02-0	12.3	12.3	mg/kg	Y	J-	EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Platinum	7440-06-4	0.011		mg/kg	N	U	EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Potassium	7440-09-7	2570	2570	mg/kg	Y		EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Selenium	7782-49-2	0.11	0.11	mg/kg	Y	J	EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Silver	7440-22-4	0.11	0.11	mg/kg	Y	J	EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Sodium	7440-23-5	530	530	mg/kg	Y	J-	EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Strontium	7440-24-6	139	139	mg/kg	Y	J	EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Thallium	7440-28-0	0.073		mg/kg	N	U	EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Tin	7440-31-5	0.46	0.46	mg/kg	Y		EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Titanium	7440-32-6	497	497	mg/kg	Y		EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Tungsten	7440-33-7	0.28	0.28	mg/kg	Y	J	EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Uranium (total)	7440-61-1	0.86	0.86	mg/kg	Y		EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Vanadium	7440-62-2	26.2	26.2	mg/kg	Y	J-	EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	Metals	Zinc	7440-66-6	25	25	mg/kg	Y	J-	EPA 6020
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	2,4,5-TP	93-72-1	0.021		mg/kg	N	U	EPA 8151
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	4,4'-DDE	72-55-9	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	Aldrin	309-00-2	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	alpha-BHC	319-84-6	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	alpha-Chlordane	5103-71-9	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	beta-BHC	319-85-7	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	Chlordane (total)	57-74-9	0.01		mg/kg	N	U	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	delta-BHC	319-86-8	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	Endosulfan I	959-98-8	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	Endrin	72-20-8	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	gamma-BHC	58-89-9	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	gamma-Chlordane	5103-74-2	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	Heptachlor	76-44-8	0.0018		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	Heptachlor epoxide	1024-57-3	0.0018		mg/kg	N	U	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	Hexachlorobenzene	118-74-1	0.0069		mg/kg	N	U	EPA 8270 SIM
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	Methoxychlor	72-43-5	0.0034		mg/kg	N	UJ	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	Toxaphene	8001-35-2	0.052		mg/kg	N	U	EPA 8081
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Chlorpyrifos	2921-88-2	0.021		mg/kg	N	UJ	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Coumaphos	56-72-4	0.014		mg/kg	N	UJ	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Dasanit	115-90-2	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Demeton-O	298-03-3	0.041		mg/kg	N	U	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Demeton-S	126-75-0	0.016		mg/kg	N	UJ	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Diazinon	333-41-5	0.023		mg/kg	N	U	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Dichlorovos	62-73-7	0.024		mg/kg	N	U	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Dimethoate	60-51-5	0.023		mg/kg	N	UJ	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Disulfoton	298-04-4	0.05		mg/kg	N	U	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	EPN	2104-64-5	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Ethoprop	13194-48-4	0.016		mg/kg	N	U	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Famphur	52-85-7	0.014		mg/kg	N	UJ	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Fenthion	55-38-9	0.034		mg/kg	N	U	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Guthion	86-50-0	0.014		mg/kg	N	UJ	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Malathion	121-75-5	0.016		mg/kg	N	U	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Merphos	150-50-5	0.031		mg/kg	N	U	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Methyl parathion	298-00-0	0.021		mg/kg	N	U	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Mevinphos	7786-34-7	0.016		mg/kg	N	U	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Naled	300-76-5	0.034		mg/kg	N	UJ	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Parathion	56-38-2	0.019		mg/kg	N	U	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Phorate	298-02-2	0.021		mg/kg	N	U	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Prothiophos	34643-46-4	0.021		mg/kg	N	U	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Ronnel	299-84-3	0.019		mg/kg	N	UJ	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Stirophos	22248-79-9	0.016		mg/kg	N	UJ	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Sulfotepp	3689-24-5	0.021		mg/kg	N	U	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Sulprofos	35400-43-2	0.014		mg/kg	N	U	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Thionazin	297-97-2	0.019		mg/kg	N	U	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OPPs	Trichloronate	327-98-0	0.021		mg/kg	N	UJ	EPA 8141A
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PAHs	2-Methylnaphthalene	91-57-6	0.0069		mg/kg	N	U	EPA 8270 SIM
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PAHs	Acenaphthene	83-32-9	0.0069		mg/kg	N	U	EPA 8270 SIM
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PAHs	Acenaphthylene	208-96-8	0.0069		mg/kg	N	U	EPA 8270 SIM
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PAHs	Anthracene	120-12-7	0.0069		mg/kg	N	U	EPA 8270 SIM
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PAHs	Benzo(a)anthracene	56-55-3	0.0069		mg/kg	N	U	EPA 8270 SIM
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PAHs	Benzo(a)pyrene	50-32-8	0.0069		mg/kg	N	U	EPA 8270 SIM
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PAHs	Benzo(b)fluoranthene	205-99-2	0.0069		mg/kg	N	U	EPA 8270 SIM
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0069		mg/kg	N	U	EPA 8270 SIM
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PAHs	Benzo(k)fluoranthene	207-08-9	0.0069		mg/kg	N	U	EPA 8270 SIM
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PAHs	Chrysene	218-01-9	0.0069		mg/kg	N	U	EPA 8270 SIM
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0069		mg/kg	N	U	EPA 8270 SIM
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PAHs	Fluoranthene	206-44-0	0.0069		mg/kg	N	U	EPA 8270 SIM
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PAHs	Fluorene	86-73-7	0.0069		mg/kg	N	U	EPA 8270 SIM
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0069		mg/kg	N	U	EPA 8270 SIM
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PAHs	Naphthalene	91-20-3	0.0069		mg/kg	N	U	EPA 8270 SIM
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PAHs	Phenanthrene	85-01-8	0.0069		mg/kg	N	U	EPA 8270 SIM
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PAHs	Pyrene	129-00-0	0.0069		mg/kg	N	U	EPA 8270 SIM
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PCBs	Aroclor-1016	12674-11-2	0.034		mg/kg	N	U	EPA 8082
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PCBs	Aroclor-1221	11104-28-2	0.034		mg/kg	N	U	EPA 8082
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PCBs	Aroclor-1232	11141-16-5	0.034		mg/kg	N	U	EPA 8082
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PCBs	Aroclor-1242	53469-21-9	0.034		mg/kg	N	U	EPA 8082
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PCBs	Aroclor-1248	12672-29-6	0.034		mg/kg	N	U	EPA 8082
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PCBs	Aroclor-1254	11097-69-1	0.034		mg/kg	N	U	EPA 8082
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PCBs	Aroclor-1260	11096-82-5	0.034		mg/kg	N	U	EPA 8082
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	RAD	Radium-226	Ra-226	1.15	1.15	pCi/g	Y	J	HASL-300 GAMMA
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	RAD	Radium-228	Ra-228	1.81	1.81	pCi/g	Y		HASL-300 GAMMA
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	RAD	Thorium-228	Th-228	0.954	0.954	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	RAD	Thorium-230	Th-230	0.671	0.671	pCi/g	Y	J-	DOE EML HASL-300 TH MOD
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	RAD	Thorium-232	Th-232	0.742	0.742	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	RAD	Uranium-234	U-234	0.314	0.314	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	RAD	Uranium-235	U-235	0.0211	0.0211	pCi/g	Y	J+	DOE EML HASL-300 U MOD
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	RAD	Uranium-238	U-238	0.237	0.237	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	SVOCs	1,4-Dioxane	123-91-1	0.069		mg/kg	N	U	EPA 8270
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.34		mg/kg	N	U	EPA 8270
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	SVOCs	Butylbenzylphthalate	85-68-7	0.34		mg/kg	N	U	EPA 8270
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	SVOCs	Diethylphthalate	84-66-2	0.34		mg/kg	N	U	EPA 8270
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	SVOCs	Dimethylphthalate	131-11-3	0.34		mg/kg	N	U	EPA 8270
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	SVOCs	Di-n-butylphthalate	84-74-2	0.34		mg/kg	N	U	EPA 8270
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	SVOCs	Di-n-octylphthalate	117-84-0	0.34		mg/kg	N	U	EPA 8270
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	SVOCs	Hexachlorobutadiene	87-68-3	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	SVOCs	Nitrobenzene	98-95-3	0.34		mg/kg	N	U	EPA 8270
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	SVOCs	Octachlorostyrene	29082-74-4	0.34		mg/kg	N	U	EPA 8270

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	SVOCs	Pyridine	110-86-1	1.7		mg/kg	N	U	EPA 8270
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	TPH	Oil Range Organics	TPH-MOTOR	26		mg/kg	N	U	EPA 8015B DRO
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	26		mg/kg	N	U	EPA 8015B DRO
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.1		mg/kg	N	U	EPA 8015B GRO
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	1,1,1-Trichloroethane	71-55-6	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	1,1,2-Trichloroethane	79-00-5	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	1,1-Dichloroethane	75-34-3	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	1,1-Dichloroethene	75-35-4	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	1,1-Dichloropropene	563-58-6	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	1,2,3-Trichloropropane	96-18-4	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	1,2-Dibromoethane	106-93-4	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	1,2-Dichlorobenzene	95-50-1	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	1,2-Dichloroethane	107-06-2	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	1,2-Dichloropropane	78-87-5	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	1,3-Dichlorobenzene	541-73-1	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	1,3-Dichloropropane	142-28-9	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	1,4-Dichlorobenzene	106-46-7	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	2,2-Dichloropropane	594-20-7	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	2-Butanone	78-93-3	0.01		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	2-Chlorotoluene	95-49-8	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	2-Hexanone	591-78-6	0.01		mg/kg	N	UJ	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	4-Chlorotoluene	106-43-4	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	4-Methyl-2-pentanone	108-10-1	0.01		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Acetone	67-64-1	0.02	0.02	mg/kg	Y		EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Benzene	71-43-2	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Bromobenzene	108-86-1	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Bromochloromethane	74-97-5	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Bromodichloromethane	75-27-4	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Bromoform	75-25-2	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Bromomethane	74-83-9	0.01		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Carbon tetrachloride	56-23-5	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Chlorobenzene	108-90-7	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Chloroethane	75-00-3	0.0052		mg/kg	N	UJ	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Chloroform	67-66-3	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Chloromethane	74-87-3	0.0052		mg/kg	N	UJ	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Cumene	98-82-8	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Dibromochloromethane	124-48-1	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Dibromomethane	74-95-3	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Dichlorodifluoromethane	75-71-8	0.0052		mg/kg	N	UJ	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Diisopropyl ether	108-20-3	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Ethyl benzene	100-41-4	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Ethyl tert-butyl ether	637-92-3	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Methyl tert-butyl ether	1634-04-4	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Methylene Chloride	75-09-2	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	n-Butylbenzene	104-51-8	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	n-Propylbenzene	103-65-1	0.0052		mg/kg	N	UJ	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	p-Cymene	99-87-6	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	sec-Butylbenzene	135-98-8	0.0052		mg/kg	N	UJ	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Styrene	100-42-5	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	t-Amyl methyl ether	994-05-8	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	tert Butyl alcohol	75-65-0	0.0052		mg/kg	N	UJ	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	tert-Butylbenzene	98-06-6	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Tetrachloroethene	127-18-4	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Toluene	108-88-3	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Trichloroethene	79-01-6	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Trichlorofluoromethane	75-69-4	0.0052		mg/kg	N	UJ	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Vinyl chloride	75-01-4	0.0052		mg/kg	N	U	EPA 8260
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	VOCs	Xylenes (total)	1330-20-7	0.01		mg/kg	N	U	EPA 8260
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.043		mg/kg	N		EPA 300.1
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.043		mg/kg	N		EPA 314.0
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000832	0.0000832	mg/kg	Y		EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000254	0.0000254	mg/kg	Y		EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000261	0.0000261	mg/kg	Y		EPA 8290

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000523	0.00000523	mg/kg	Y		EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000115	0.0000115	mg/kg	Y		EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000135	0.0000135	mg/kg	Y		EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000361		mg/kg	N		EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000695	0.00000695	mg/kg	Y	JK	EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000000772	0.000000772	mg/kg	Y	JK	EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000000641	0.000000641	mg/kg	Y	J	EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000109	0.00000109	mg/kg	Y	J	EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000486	0.00000486	mg/kg	Y	JK	EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000044		mg/kg	N		EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000002	0.000002	mg/kg	Y	JK	EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000031	0.0000031	mg/kg	Y		EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000624	0.00000624	mg/kg	Y		EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000567		mg/kg	N		EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	HpCDD (total)	37871-00-4	0.0000093	0.0000093	mg/kg	Y		EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	HpCDF (total)	38998-75-3	0.0000556	0.0000556	mg/kg	Y		EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	HxCDD (total)	34465-46-8	0.00000567	0.00000567	mg/kg	Y		EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	HxCDF (total)	55684-94-1	0.0000435	0.0000435	mg/kg	Y		EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	PeCDD (total)	36088-22-9	0.00000044		mg/kg	N		EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	PeCDF (total)	30402-15-4	0.0000419	0.0000419	mg/kg	Y		EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	TCDD (total)	41903-57-5	0.000000567		mg/kg	N		EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Dioxins	TCDF (total)	30402-14-3	0.0000525	0.0000525	mg/kg	Y		EPA 8290
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	266	266	mg/kg	Y		SM 2320B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	General Chemistry	Chloride	16887-00-6	0.6		mg/kg	N		EPA 9056
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	General Chemistry	Cyanide (total)	57-12-5	0.5		mg/kg	N		EPA 9012A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	General Chemistry	Hydrogen carbonate	71-52-3	264	264	mg/kg	Y		SM 2320B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	UJ	SM 5540C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	General Chemistry	Moisture	MOIST	5.6	5.6	percent	Y		EPA 3550C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	General Chemistry	Nitrate	14797-55-8	3.587142857	3.587142857	mg/kg	Y	J+	EPA 9056
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	General Chemistry	pH	PH	9.22	9.22	SU	Y		EPA 9045D
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	General Chemistry	Sulfate	14808-79-8	1.5		mg/kg	N		EPA 9056
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	General Chemistry	Total Organic Carbon	TOC	770	770	mg/kg	Y	J-	LLOYD KAHN
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Aluminum	7429-90-5	9580	9580	mg/kg	Y		EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Arsenic	7440-38-2	2.76	2.76	mg/kg	Y		EPA 6020
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Barium	7440-39-3	281	281	mg/kg	Y		EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Beryllium	7440-41-7	0.603	0.603	mg/kg	Y		EPA 6020
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Boron	7440-42-8	3.9	3.9	mg/kg	Y	J	EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Calcium	7440-70-2	12400	12400	mg/kg	Y	J	EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Chromium (total)	7440-47-3	7.89	7.89	mg/kg	Y		EPA 6020
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Cobalt	7440-48-4	6	6	mg/kg	Y		EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Copper	7440-50-8	15	15	mg/kg	Y		EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Iron	7439-89-6	13300	13300	mg/kg	Y	J	EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Lead	7439-92-1	9.2	9.2	mg/kg	Y		EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Magnesium	7439-95-4	6410	6410	mg/kg	Y		EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Manganese	7439-96-5	385	385	mg/kg	Y	J	EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Mercury	7439-97-6	0.017	0.017	mg/kg	Y		EPA 7471
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Molybdenum	7439-98-7	0.42	0.42	mg/kg	Y		EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Nickel	7440-02-0	13.2	13.2	mg/kg	Y	J	EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Phosphorus (total)	7723-14-0	456	456	mg/kg	Y		EPA 365.1M
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Platinum	7440-06-4	0.01	0.01	mg/kg	Y	J	EPA 6020
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Potassium	7440-09-7	2970	2970	mg/kg	Y		EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Sodium	7440-23-5	246	246	mg/kg	Y		EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Strontium	7440-24-6	219	219	mg/kg	Y		EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Thallium	7440-28-0	0.163	0.163	mg/kg	Y		EPA 6020
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Tin	7440-31-5	3.9	3.9	mg/kg	Y	J	EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Titanium	7440-32-6	771	771	mg/kg	Y		EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Tungsten	7440-33-7	0.18	0.18	mg/kg	Y	J-	EPA 6020
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Uranium (total)	7440-61-1	1.02	1.02	mg/kg	Y		EPA 6020
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Vanadium	7440-62-2	38.8	38.8	mg/kg	Y		EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Metals	Zinc	7440-66-6	29.4	29.4	mg/kg	Y	J	EPA 6010
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	4,4'-DDE	72-55-9	0.015	0.015	mg/kg	Y		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	Aldrin	309-00-2	0.0009		mg/kg	N		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	alpha-BHC	319-84-6	0.0009		mg/kg	N		EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	alpha-Chlordane	5103-71-9	0.0009		mg/kg	N		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	beta-BHC	319-85-7	0.01	0.01	mg/kg	Y		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	Chlordane (total)	57-74-9	0.0045		mg/kg	N		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	delta-BHC	319-86-8	0.0009		mg/kg	N		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	Endosulfan I	959-98-8	0.0009		mg/kg	N		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	Endrin	72-20-8	0.0018		mg/kg	N		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	gamma-BHC	58-89-9	0.0009		mg/kg	N		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	gamma-Chlordane	5103-74-2	0.0009		mg/kg	N		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	Heptachlor	76-44-8	0.0009		mg/kg	N		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	Heptachlor epoxide	1024-57-3	0.0009		mg/kg	N		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	Hexachlorobenzene	118-74-1	0.0009		mg/kg	N		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	Methoxychlor	72-43-5	0.0089		mg/kg	N		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	Toxaphene	8001-35-2	0.018		mg/kg	N		EPA 8081
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Chlorpyrifos	2921-88-2	0.0068		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Coumaphos	56-72-4	0.003		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Dasanit	115-90-2	0.0086		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Demeton-O	298-03-3	0.0056		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Demeton-S	126-75-0	0.0052		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Diazinon	333-41-5	0.0077		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Dichlorovos	62-73-7	0.0078		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Dimethoate	60-51-5	0.0075		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Disulfoton	298-04-4	0.0082		mg/kg	N	UJ	EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	EPN	2104-64-5	0.0039		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Ethoprop	13194-48-4	0.0052		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Famphur	52-85-7	0.0034		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Fenthion	55-38-9	0.0093		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Guthion	86-50-0	0.0037		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Malathion	121-75-5	0.0049		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Merphos	150-50-5	0.0054		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Methyl parathion	298-00-0	0.0068		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Mevinphos	7786-34-7	0.0049		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Naled	300-76-5	0.024		mg/kg	N	UJ	EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Parathion	56-38-2	0.0056		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Phorate	298-02-2	0.006		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Prothiophos	34643-46-4	0.0041		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Ronnel	299-84-3	0.016		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Stirophos	22248-79-9	0.0046		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Sulfotepp	3689-24-5	0.0066		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Sulprofos	35400-43-2	0.0045		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Thionazin	297-97-2	0.0059		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OPPs	Trichloronate	327-98-0	0.0066		mg/kg	N		EPA 8141A
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Organics	4-Chlorobenzenesulfonic acid	98-66-8	0.25		mg/kg	N		HPLC-UV
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Organics	Benzenesulfonic acid	98-11-3	0.25		mg/kg	N		HPLC-UV
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Organics	Diethylphosphorodithioate	298-06-6	0.25		mg/kg	N		HPLC-UV
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Organics	o,o-Dimethyl Phosphorodithioate	756-80-9	1.3		mg/kg	N		HPLC-UV
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	Organics	Phthalic acid	88-99-3	0.25		mg/kg	N		HPLC-UV
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00059		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	PAHs	Acenaphthylene	208-96-8	0.00077		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0006		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0007		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00086		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0008		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	PAHs	Fluorene	86-73-7	0.00072		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00092		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	PAHs	Naphthalene	91-20-3	0.0014	0.0014	mg/kg	Y	J	EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	RAD	Radium-226	Ra-226	0.721	0.721	pCi/g	Y	J	EPA 903.1 MOD
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	RAD	Radium-228	Ra-228	1	1	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	RAD	Thorium-228	Th-228	1.96	1.96	pCi/g	Y		DOE EML HASL-300
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	RAD	Thorium-230	Th-230	1.05	1.05	pCi/g	Y		DOE EML HASL-300
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	RAD	Thorium-232	Th-232	1.7	1.7	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	RAD	Uranium-234	U-234	0.742	0.742	pCi/g	Y		DOE EML HASL-300

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	RAD	Uranium-235	U-235	0.0313	0.0313	pCi/g	Y		DOE EML HASL-300
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	RAD	Uranium-238	U-238	0.805	0.805	pCi/g	Y		DOE EML HASL-300
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	SVOCs	1,4-Dioxane	123-91-1	0.0051		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	SVOCs	Dimethylphthalate	131-11-3	0.00092		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.088	0.088	mg/kg	Y	J	EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00081		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0036		mg/kg	N	UJ	EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	TPH	Oil Range Organics	TPH-MOTOR	42		mg/kg	N		EPA 8015B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	42		mg/kg	N		EPA 8015B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	5.3		mg/kg	N		EPA 8015B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00018		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00078		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00082		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00074		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00064		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	2,2-Dichloropropane	594-20-7	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	2-Butanone	78-93-3	0.00082		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	2-Chlorotoluene	95-49-8	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	2-Hexanone	591-78-6	0.00075		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	4-Chlorotoluene	106-43-4	0.00058		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.0007		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Acetone	67-64-1	0.004	0.004	mg/kg	Y	J	EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Benzene	71-43-2	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Bromobenzene	108-86-1	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Bromochloromethane	74-97-5	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Bromodichloromethane	75-27-4	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Bromoform	75-25-2	0.00045		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Bromomethane	74-83-9	0.00049		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Carbon tetrachloride	56-23-5	0.00049		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Chlorobenzene	108-90-7	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Chloroethane	75-00-3	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Chloroform	67-66-3	0.00067	0.00067	mg/kg	Y	J	EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Chloromethane	74-87-3	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Cumene	98-82-8	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Dibromochloromethane	124-48-1	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Dibromomethane	74-95-3	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Diisopropyl ether	108-20-3	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Ethyl benzene	100-41-4	0.00095		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	m,p-Xylene	179601-23-1	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Methylene Chloride	75-09-2	0.0032	0.0032	mg/kg	Y	J	EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	n-Butylbenzene	104-51-8	0.00063		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	n-Propylbenzene	103-65-1	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	o-Xylene	95-47-6	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	p-Cymene	99-87-6	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	sec-Butylbenzene	135-98-8	0.00049		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Styrene	100-42-5	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00012		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	tert Butyl alcohol	75-65-0	0.0075		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	tert-Butylbenzene	98-06-6	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Tetrachloroethene	127-18-4	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Toluene	108-88-3	0.0014	0.0014	mg/kg	Y	J	EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Trichloroethene	79-01-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	VOCs	Vinyl chloride	75-01-4	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-42	SA42-4BPC	0.5-0.5	N	--	4/9/2010	Metals	Arsenic	7440-38-2	4	4	mg/kg	Y		EPA 6020
DU-1	SA-42	SA42-5BPC	0.5-1.5	N	--	4/9/2010	Metals	Arsenic	7440-38-2	3.4	3.4	mg/kg	Y		EPA 6020
DU-1	SA-42	SA42-5BPC_FD	0.5-1.5	FD	SA42-5BPC	4/9/2010	Metals	Arsenic	7440-38-2	3.3	3.3	mg/kg	Y		EPA 6020
DU-1	SA-43	SA43-4BPC	0-0.5	N	--	4/14/2010	Metals	Manganese	7439-96-5	810	810	mg/kg	Y		EPA 6020
DU-1	SA-43	SA43-5BPC	0.5-1.5	N	--	4/14/2010	Metals	Arsenic	7440-38-2	3.2	3.2	mg/kg	Y		EPA 6020
DU-1	SA-43	SA43-5BPC	0.5-1.5	N	--	4/14/2010	Metals	Manganese	7439-96-5	500	500	mg/kg	Y		EPA 6020
DU-1	SA-44	SA44-5BPC	0-1	N	--	5/26/2010	Metals	Manganese	7439-96-5	800	800	mg/kg	Y		EPA 6020
DU-1	SA-48	SA48-1BPC	0-0	N	--	4/28/2010	Metals	Arsenic	7440-38-2	3.3	3.3	mg/kg	Y		EPA 6020
DU-1	SA-48	SA48-1BPC_FD	0-0	FD	SA48-1BPC	4/28/2010	Metals	Arsenic	7440-38-2	3.4	3.4	mg/kg	Y		EPA 6020
DU-1	SA-48	SA48-2BPC	0-0.5	N	--	4/28/2010	Metals	Arsenic	7440-38-2	5.4	5.4	mg/kg	Y		EPA 6020
DU-1	SA-48	SA48-3BPC	0.5-1.5	N	--	4/13/2010	Metals	Arsenic	7440-38-2	3.7	3.7	mg/kg	Y		EPA 6020
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Chlorine Oxyanions	Chlorate	14866-68-3	53.8	53.8	mg/kg	Y		EPA 300.1
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	114	114	mg/kg	Y		EPA 314.0
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000823	0.0000823	mg/kg	Y	J	EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000347	0.00000347	mg/kg	Y	J	EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000224	0.0000224	mg/kg	Y		EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000022	0.0000022	mg/kg	Y	JK	EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000115	0.0000115	mg/kg	Y		EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000239	0.000000239	mg/kg	Y	J	EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000766	0.00000766	mg/kg	Y		EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000000636	0.000000636	mg/kg	Y	J	EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000153	0.00000153	mg/kg	Y	J	EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000609	0.000000609	mg/kg	Y	J	EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000673	0.00000673	mg/kg	Y		EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000403	0.000000403	mg/kg	Y	J	EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000047	0.0000047	mg/kg	Y		EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000556	0.00000556	mg/kg	Y		EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000557	0.00000557	mg/kg	Y		EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000257	0.000000257	mg/kg	Y	JK	EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	HpCDD (total)	37871-00-4	0.0000016	0.0000016	mg/kg	Y	J	EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	HpCDF (total)	38998-75-3	0.0000508	0.0000508	mg/kg	Y		EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	HxCDD (total)	34465-46-8	0.0000028	0.0000028	mg/kg	Y		EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	HxCDF (total)	55684-94-1	0.0000577	0.0000577	mg/kg	Y		EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	PeCDD (total)	36088-22-9	0.00000407	0.00000407	mg/kg	Y		EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	PeCDF (total)	30402-15-4	0.0000664	0.0000664	mg/kg	Y		EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	TCDD (total)	41903-57-5	0.00000568	0.00000568	mg/kg	Y		EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Dioxins	TCDF (total)	30402-14-3	0.0000758	0.0000758	mg/kg	Y		EPA 8290
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	242	242	mg/kg	Y		SM 2320B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	General Chemistry	Bromide	24959-67-9	0.7	0.7	mg/kg	Y	J+	EPA 9056
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	General Chemistry	Chloride	16887-00-6	1440	1440	mg/kg	Y		EPA 9056
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	General Chemistry	Hydrogen carbonate	71-52-3	242	242	mg/kg	Y		SM 2320B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	General Chemistry	Methylene Blue Active Substances	MBAS	1.4	1.4	mg/kg	Y	J	SM 5540C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	General Chemistry	Nitrate	14797-55-8	229.4	229.4	mg/kg	Y		EPA 9056
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	General Chemistry	pH	PH	8.65	8.65	SU	Y		EPA 9045D
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	General Chemistry	Sulfate	14808-79-8	735	735	mg/kg	Y		EPA 9056
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	General Chemistry	Total Organic Carbon	TOC	2790	2790	mg/kg	Y	J-	LLOYD KAHN
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Aluminum	7429-90-5	7930	7930	mg/kg	Y		EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Arsenic	7440-38-2	3.36	3.36	mg/kg	Y		EPA 6020
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Barium	7440-39-3	161	161	mg/kg	Y		EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Beryllium	7440-41-7	0.353	0.353	mg/kg	Y		EPA 6020
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Boron	7440-42-8	9.7	9.7	mg/kg	Y	J	EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Calcium	7440-70-2	25300	25300	mg/kg	Y		EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Chromium (total)	7440-47-3	6.24	6.24	mg/kg	Y	J	EPA 6020
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Cobalt	7440-48-4	5.6	5.6	mg/kg	Y		EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Copper	7440-50-8	48.1	48.1	mg/kg	Y		EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Iron	7439-89-6	19400	19400	mg/kg	Y		EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Lead	7439-92-1	8.9	8.9	mg/kg	Y		EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Magnesium	7439-95-4	11100	11100	mg/kg	Y		EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Manganese	7439-96-5	340	340	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Mercury	7439-97-6	0.009	0.009	mg/kg	Y	J	EPA 7471
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Molybdenum	7439-98-7	0.9	0.9	mg/kg	Y		EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Nickel	7440-02-0	19.3	19.3	mg/kg	Y	J	EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Phosphorus (total)	7723-14-0	680	680	mg/kg	Y	J-	EPA 365.1M
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Platinum	7440-06-4	0.007		mg/kg	N		EPA 6020
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Potassium	7440-09-7	3190	3190	mg/kg	Y	J	EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Sodium	7440-23-5	1140	1140	mg/kg	Y		EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Strontium	7440-24-6	154	154	mg/kg	Y		EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Thallium	7440-28-0	0.281	0.281	mg/kg	Y		EPA 6020
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Tin	7440-31-5	5.3	5.3	mg/kg	Y	J	EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Titanium	7440-32-6	469	469	mg/kg	Y		EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Tungsten	7440-33-7	0.31	0.31	mg/kg	Y	J-	EPA 6020
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Uranium (total)	7440-61-1	1.01	1.01	mg/kg	Y	J	EPA 6020
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Vanadium	7440-62-2	22.3	22.3	mg/kg	Y		EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	Metals	Zinc	7440-66-6	23.9	23.9	mg/kg	Y		EPA 6010
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	OCPs	Hexachlorobenzene	118-74-1	0.029	0.029	mg/kg	Y		EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00058		mg/kg	N		EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	PAHs	Acenaphthylene	208-96-8	0.00077		mg/kg	N		EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	PAHs	Anthracene	120-12-7	0.0018	0.0018	mg/kg	Y	J	EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0014	0.0014	mg/kg	Y	J	EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0007		mg/kg	N		EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0046	0.0046	mg/kg	Y	J	EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0071	0.0071	mg/kg	Y		EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.0078	0.0078	mg/kg	Y		EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	PAHs	Chrysene	218-01-9	0.0049	0.0049	mg/kg	Y	J	EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0021	0.0021	mg/kg	Y	J	EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	PAHs	Fluoranthene	206-44-0	0.0039	0.0039	mg/kg	Y	J	EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	PAHs	Fluorene	86-73-7	0.00072		mg/kg	N		EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0063	0.0063	mg/kg	Y	J	EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	PAHs	Naphthalene	91-20-3	0.0018	0.0018	mg/kg	Y	J	EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	PAHs	Phenanthrene	85-01-8	0.0032	0.0032	mg/kg	Y	J	EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	PAHs	Pyrene	129-00-0	0.0039	0.0039	mg/kg	Y	J	EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	RAD	Radium-226	Ra-226	0.61	0.61	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	RAD	Radium-228	Ra-228	1.33	1.33	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	RAD	Thorium-228	Th-228	1.81	1.81	pCi/g	Y		DOE EML HASL-300
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	RAD	Thorium-230	Th-230	1.36	1.36	pCi/g	Y		DOE EML HASL-300
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	RAD	Thorium-232	Th-232	1.45	1.45	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	RAD	Uranium-234	U-234	1.25	1.25	pCi/g	Y		DOE EML HASL-300
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	RAD	Uranium-235	U-235	0.0551	0.0551	pCi/g	Y		DOE EML HASL-300
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	RAD	Uranium-238	U-238	1.01	1.01	pCi/g	Y		DOE EML HASL-300
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	SVOCs	1,4-Dioxane	123-91-1	0.0051		mg/kg	N		EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	SVOCs	Dimethylphthalate	131-11-3	0.00092		mg/kg	N		EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.14	0.14	mg/kg	Y	J	EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00077		mg/kg	N	UJ	EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0036		mg/kg	N		EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	TPH	Oil Range Organics	TPH-MOTOR	42		mg/kg	N		EPA 8015B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	42		mg/kg	N		EPA 8015B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	5.1		mg/kg	N		EPA 8015B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00017		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00074		mg/kg	N	UJ	EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00079		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00071		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0003		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	2-Butanone	78-93-3	0.00079		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	2-Chlorotoluene	95-49-8	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	2-Hexanone	591-78-6	0.00072		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	4-Chlorotoluene	106-43-4	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00067		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Acetone	67-64-1	0.021	0.021	mg/kg	Y		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Benzene	71-43-2	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Bromobenzene	108-86-1	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Bromochloromethane	74-97-5	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Bromodichloromethane	75-27-4	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Bromoform	75-25-2	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Bromomethane	74-83-9	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Carbon tetrachloride	56-23-5	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Chlorobenzene	108-90-7	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Chloroethane	75-00-3	0.00045		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Chloroform	67-66-3	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Chloromethane	74-87-3	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Cumene	98-82-8	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Dibromochloromethane	124-48-1	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Dibromomethane	74-95-3	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00054		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Diisopropyl ether	108-20-3	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Ethyl benzene	100-41-4	0.00091		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	m,p-Xylene	179601-23-1	0.00065		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Methylene Chloride	75-09-2	0.00053	0.00053	mg/kg	Y	J	EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	n-Butylbenzene	104-51-8	0.0006		mg/kg	N	UJ	EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	n-Propylbenzene	103-65-1	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	o-Xylene	95-47-6	0.00065		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	p-Cymene	99-87-6	0.00046		mg/kg	N	UJ	EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	sec-Butylbenzene	135-98-8	0.00047		mg/kg	N	UJ	EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Styrene	100-42-5	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00012		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	tert Butyl alcohol	75-65-0	0.0072		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	tert-Butylbenzene	98-06-6	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Tetrachloroethene	127-18-4	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Toluene	108-88-3	0.00046	0.00046	mg/kg	Y	J	EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Trichloroethene	79-01-6	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	VOCs	Vinyl chloride	75-01-4	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.783	0.783	mg/kg	Y		EPA 300.1
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	5.06	5.06	mg/kg	Y		EPA 314.0
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00000317	0.00000317	mg/kg	Y	J	EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000115	0.00000115	mg/kg	Y	J	EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00000112	0.00000112	mg/kg	Y	J	EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000000253		mg/kg	N		EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000000471	0.000000471	mg/kg	Y	JK	EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000000588	0.000000588	mg/kg	Y	J	EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000231		mg/kg	N		EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000000295		mg/kg	N		EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000000189		mg/kg	N		EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000000363		mg/kg	N		EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000207		mg/kg	N		EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000000253		mg/kg	N		EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000357		mg/kg	N		EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000000334		mg/kg	N		EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000000247		mg/kg	N		EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000000566		mg/kg	N		EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000436		mg/kg	N		EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	HpCDD (total)	37871-00-4	0.000000253		mg/kg	N		EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	HpCDF (total)	38998-75-3	0.00000172	0.00000172	mg/kg	Y	J	EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	HxCDD (total)	34465-46-8	0.000000189		mg/kg	N		EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	HxCDF (total)	55684-94-1	0.00000137	0.00000137	mg/kg	Y	J	EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	PeCDD (total)	36088-22-9	0.000000357		mg/kg	N		EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	PeCDF (total)	30402-15-4	0.000000908	0.000000908	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	TCDD (total)	41903-57-5	0.000000436		mg/kg	N		EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Dioxins	TCDF (total)	30402-14-3	0.000000566		mg/kg	N		EPA 8290
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	377	377	mg/kg	Y		SM 2320B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	General Chemistry	Carbonate as CO3	3812-32-6	8	8	mg/kg	Y	J	SM 2320B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	General Chemistry	Chloride	16887-00-6	31.5	31.5	mg/kg	Y	J+	EPA 9056
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	General Chemistry	Cyanide (total)	57-12-5	0.5		mg/kg	N		EPA 9012A
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	General Chemistry	Hydrogen carbonate	71-52-3	369	369	mg/kg	Y		SM 2320B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	UJ	SM 5540C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	General Chemistry	Nitrate	14797-55-8	17.53714286	17.53714286	mg/kg	Y	J+	EPA 9056
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	General Chemistry	pH	PH	9.44	9.44	SU	Y		EPA 9045D
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	General Chemistry	Sulfate	14808-79-8	84.1	84.1	mg/kg	Y	J+	EPA 9056
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	General Chemistry	Total Organic Carbon	TOC	3280	3280	mg/kg	Y	J-	LLOYD KAHN
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Aluminum	7429-90-5	8880	8880	mg/kg	Y		EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Arsenic	7440-38-2	1.98	1.98	mg/kg	Y		EPA 6020
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Barium	7440-39-3	169	169	mg/kg	Y		EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Beryllium	7440-41-7	0.467	0.467	mg/kg	Y		EPA 6020
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Boron	7440-42-8	5.8	5.8	mg/kg	Y	J	EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Cadmium	7440-43-9	0.14	0.14	mg/kg	Y		EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Calcium	7440-70-2	35300	35300	mg/kg	Y	J	EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Chromium (total)	7440-47-3	6.73	6.73	mg/kg	Y		EPA 6020
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Chromium VI	18540-29-9	0.18		mg/kg	N		EPA 7199
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Cobalt	7440-48-4	6.7	6.7	mg/kg	Y		EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Copper	7440-50-8	16.6	16.6	mg/kg	Y		EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Iron	7439-89-6	15200	15200	mg/kg	Y	J	EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Lead	7439-92-1	8	8	mg/kg	Y		EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Magnesium	7439-95-4	8340	8340	mg/kg	Y		EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Manganese	7439-96-5	407	407	mg/kg	Y	J	EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Mercury	7439-97-6	0.01	0.01	mg/kg	Y	J	EPA 7471
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Molybdenum	7439-98-7	0.43	0.43	mg/kg	Y		EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Nickel	7440-02-0	15.1	15.1	mg/kg	Y	J	EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Phosphorus (total)	7723-14-0	929	929	mg/kg	Y		EPA 365.1M
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Platinum	7440-06-4	0.01		mg/kg	N		EPA 6020
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Potassium	7440-09-7	2900	2900	mg/kg	Y		EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Sodium	7440-23-5	581	581	mg/kg	Y		EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Strontium	7440-24-6	162	162	mg/kg	Y		EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Thallium	7440-28-0	0.116	0.116	mg/kg	Y		EPA 6020
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Tin	7440-31-5	4	4	mg/kg	Y	J	EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Titanium	7440-32-6	940	940	mg/kg	Y		EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Tungsten	7440-33-7	0.13	0.13	mg/kg	Y	J-	EPA 6020
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Uranium (total)	7440-61-1	0.879	0.879	mg/kg	Y		EPA 6020
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Vanadium	7440-62-2	45.1	45.1	mg/kg	Y		EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	Metals	Zinc	7440-66-6	30.9	30.9	mg/kg	Y	J	EPA 6010
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	OCPs	Hexachlorobenzene	118-74-1	0.016	0.016	mg/kg	Y		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00057		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	PAHs	Acenaphthylene	208-96-8	0.00075		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	PAHs	Anthracene	120-12-7	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00058		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00068		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00084		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	PAHs	Chrysene	218-01-9	0.00099		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00078		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	PAHs	Fluorene	86-73-7	0.0007		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0009		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	PAHs	Naphthalene	91-20-3	0.00085		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	PAHs	Phenanthrene	85-01-8	0.0018		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	PAHs	Pyrene	129-00-0	0.00099		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	RAD	Radium-226	Ra-226	0.657	0.657	pCi/g	Y	J	EPA 903.1 MOD
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	RAD	Radium-228	Ra-228	1.57	1.57	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	RAD	Thorium-228	Th-228	2.04	2.04	pCi/g	Y		DOE EML HASL-300
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	RAD	Thorium-230	Th-230	0.914	0.914	pCi/g	Y		DOE EML HASL-300
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	RAD	Thorium-232	Th-232	1.76	1.76	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	RAD	Uranium-234	U-234	0.807	0.807	pCi/g	Y		DOE EML HASL-300
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	RAD	Uranium-235	U-235	0.0497	0.0497	pCi/g	Y		DOE EML HASL-300
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	RAD	Uranium-238	U-238	0.736	0.736	pCi/g	Y		DOE EML HASL-300

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	SVOCs	1,4-Dioxane	123-91-1	0.005		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	SVOCs	Dimethylphthalate	131-11-3	0.0009		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.086	0.086	mg/kg	Y	J	EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.0007		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0036		mg/kg	N	UJ	EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	SVOCs	Pyridine	110-86-1	0.027		mg/kg	N		EPA 8270C
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	TPH	Oil Range Organics	TPH-MOTOR	41		mg/kg	N		EPA 8015B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	41		mg/kg	N		EPA 8015B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00015		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	1,1-Dichloroethene	75-35-4	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00067		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00049		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00071		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00064		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00038	0.00038	mg/kg	Y	J	EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	2-Butanone	78-93-3	0.00071		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	2-Chlorotoluene	95-49-8	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	2-Hexanone	591-78-6	0.00065		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	4-Chlorotoluene	106-43-4	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Acetone	67-64-1	0.0036	0.0036	mg/kg	Y	J	EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Benzene	71-43-2	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Bromobenzene	108-86-1	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Bromochloromethane	74-97-5	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Bromodichloromethane	75-27-4	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Bromoform	75-25-2	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Bromomethane	74-83-9	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Carbon tetrachloride	56-23-5	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Chlorobenzene	108-90-7	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Chloroethane	75-00-3	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Chloroform	67-66-3	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Chloromethane	74-87-3	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Cumene	98-82-8	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Dibromochloromethane	124-48-1	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Dibromomethane	74-95-3	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Diisopropyl ether	108-20-3	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Ethyl benzene	100-41-4	0.00082		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	m,p-Xylene	179601-23-1	0.00059		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Methylene Chloride	75-09-2	0.0017	0.0017	mg/kg	Y	J	EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	n-Butylbenzene	104-51-8	0.00054		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	n-Propylbenzene	103-65-1	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	o-Xylene	95-47-6	0.00059		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	p-Cymene	99-87-6	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	sec-Butylbenzene	135-98-8	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Styrene	100-42-5	0.00028	0.00028	mg/kg	Y	J	EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	tert Butyl alcohol	75-65-0	0.0065		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	tert-Butylbenzene	98-06-6	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Tetrachloroethene	127-18-4	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Toluene	108-88-3	0.001	0.001	mg/kg	Y	J	EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Trichloroethene	79-01-6	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	VOCs	Vinyl chloride	75-01-4	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-57	SA57-5BPC	0-1	N	--	5/25/2010	Metals	Manganese	7439-96-5	5000	5000	mg/kg	Y		EPA 6020
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.518	0.518	mg/kg	Y		EPA 300.1
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.47	0.47	mg/kg	Y	J	EPA 314.0
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000549	0.000549	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000229	0.0000229	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000152	0.000152	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000153	0.0000153	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000713	0.0000713	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000686	0.0000686	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000154	0.00000154	mg/kg	Y	J	EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000451	0.0000451	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000037	0.0000037	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000529	0.00000529	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000372	0.00000372	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000306	0.0000306	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000026	0.0000026	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000026	0.000026	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000165	0.0000165	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000697	0.000000697	mg/kg	Y	J	EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	HpCDD (total)	37871-00-4	0.0000236	0.0000236	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	HpCDF (total)	38998-75-3	0.000329	0.000329	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	HxCDD (total)	34465-46-8	0.0000254	0.0000254	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	HxCDF (total)	55684-94-1	0.000336	0.000336	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	PeCDD (total)	36088-22-9	0.0000244	0.0000244	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	PeCDF (total)	30402-15-4	0.000288	0.000288	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	TCDD (total)	41903-57-5	0.0000218	0.0000218	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Dioxins	TCDF (total)	30402-14-3	0.000238	0.000238	mg/kg	Y		EPA 8290
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	1480	1480	mg/kg	Y		SM 2320B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Ammonia	7664-41-7	3.246501317	3.246501317	mg/kg	Y		EPA 350.1
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Carbonate as CO3	3812-32-6	169	169	mg/kg	Y		SM 2320B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Chloride	16887-00-6	55.1	55.1	mg/kg	Y		EPA 9056
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Hydrogen carbonate	71-52-3	1310	1310	mg/kg	Y		SM 2320B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N		SM 5540C
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Nitrate	14797-55-8	16.56285714	16.56285714	mg/kg	Y		EPA 9056
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Nitrite	14797-65-0	2.45	2.45	mg/kg	Y		EPA 353.2
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	pH	PH	9.01	9.01	SU	Y		EPA 9045D
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Sulfate	14808-79-8	7570	7570	mg/kg	Y		EPA 9056
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Total Organic Carbon	TOC	500	500	mg/kg	Y	J-	LLOYD KAHN
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Aluminum	7429-90-5	9490	9490	mg/kg	Y		EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Arsenic	7440-38-2	1.93	1.93	mg/kg	Y		EPA 6020
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Barium	7440-39-3	193	193	mg/kg	Y		EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Beryllium	7440-41-7	0.413	0.413	mg/kg	Y		EPA 6020
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Boron	7440-42-8	1510	1510	mg/kg	Y		EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Calcium	7440-70-2	24700	24700	mg/kg	Y		EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Chromium (total)	7440-47-3	9.11	9.11	mg/kg	Y		EPA 6020
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Cobalt	7440-48-4	9.4	9.4	mg/kg	Y		EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Copper	7440-50-8	28.2	28.2	mg/kg	Y		EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Iron	7439-89-6	17300	17300	mg/kg	Y		EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Lead	7439-92-1	10.2	10.2	mg/kg	Y		EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Magnesium	7439-95-4	9200	9200	mg/kg	Y		EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Manganese	7439-96-5	576	576	mg/kg	Y		EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Mercury	7439-97-6	0.039	0.039	mg/kg	Y		EPA 7471
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Molybdenum	7439-98-7	0.66	0.66	mg/kg	Y	J	EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Nickel	7440-02-0	16.8	16.8	mg/kg	Y	J	EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Phosphorus (total)	7723-14-0	848	848	mg/kg	Y		EPA 365.1M
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Platinum	7440-06-4	0.01	0.01	mg/kg	Y	J	EPA 6020
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Potassium	7440-09-7	2670	2670	mg/kg	Y		EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Sodium	7440-23-5	2420	2420	mg/kg	Y		EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Strontium	7440-24-6	161	161	mg/kg	Y		EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Thallium	7440-28-0	0.107	0.107	mg/kg	Y		EPA 6020
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Tin	7440-31-5	4.7	4.7	mg/kg	Y	J	EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Titanium	7440-32-6	980	980	mg/kg	Y	J-	EPA 6010

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Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Tungsten	7440-33-7	0.72	0.72	mg/kg	Y	J-	EPA 6020
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Uranium (total)	7440-61-1	0.792	0.792	mg/kg	Y		EPA 6020
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Vanadium	7440-62-2	51.1	51.1	mg/kg	Y		EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	Metals	Zinc	7440-66-6	36.6	36.6	mg/kg	Y	J	EPA 6010
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	PAHs	Naphthalene	91-20-3	0.00092		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	RAD	Radium-226	Ra-226	1.07	1.07	pCi/g	Y	J	EPA 903.1 MOD
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	RAD	Radium-228	Ra-228	0.834	0.834	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	RAD	Thorium-228	Th-228	2.03	2.03	pCi/g	Y		DOE EML HASL-300
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	RAD	Thorium-230	Th-230	0.996	0.996	pCi/g	Y		DOE EML HASL-300
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	RAD	Thorium-232	Th-232	1.8	1.8	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	RAD	Uranium-234	U-234	0.754	0.754	pCi/g	Y		DOE EML HASL-300
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	RAD	Uranium-235	U-235	0.0324	0.0324	pCi/g	Y		DOE EML HASL-300
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	RAD	Uranium-238	U-238	0.797	0.797	pCi/g	Y		DOE EML HASL-300
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00076		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	TPH	Oil Range Organics	TPH-MOTOR	41		mg/kg	N		EPA 8015B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	41		mg/kg	N		EPA 8015B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00017		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00073		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00054		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00077		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0007		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	2-Butanone	78-93-3	0.00077		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	2-Chlorotoluene	95-49-8	0.00045		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	2-Hexanone	591-78-6	0.00071		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	4-Chlorotoluene	106-43-4	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00066		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Acetone	67-64-1	0.0051	0.0051	mg/kg	Y	J	EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Benzene	71-43-2	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Bromobenzene	108-86-1	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Bromochloromethane	74-97-5	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Bromodichloromethane	75-27-4	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Bromoform	75-25-2	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Bromomethane	74-83-9	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Carbon tetrachloride	56-23-5	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Chlorobenzene	108-90-7	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Chloroethane	75-00-3	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Chloroform	67-66-3	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Chloromethane	74-87-3	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Cumene	98-82-8	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Dibromochloromethane	124-48-1	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Dibromomethane	74-95-3	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Diisopropyl ether	108-20-3	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Ethyl benzene	100-41-4	0.00089		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	m,p-Xylene	179601-23-1	0.00064		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Methylene Chloride	75-09-2	0.0036	0.0036	mg/kg	Y	J	EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	n-Butylbenzene	104-51-8	0.00059		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	n-Propylbenzene	103-65-1	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	o-Xylene	95-47-6	0.00064		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	p-Cymene	99-87-6	0.00045		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	sec-Butylbenzene	135-98-8	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Styrene	100-42-5	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00012		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	tert Butyl alcohol	75-65-0	0.0071		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	tert-Butylbenzene	98-06-6	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Tetrachloroethene	127-18-4	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Toluene	108-88-3	0.0013	0.0013	mg/kg	Y	J	EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Trichloroethene	79-01-6	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	VOCs	Vinyl chloride	75-01-4	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Chlorine Oxyanions	Chlorate	14866-68-3	0.476	0.476	mg/kg	Y	J	EPA 300.1
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Chlorine Oxyanions	Perchlorate	14797-73-0	1.64	1.64	mg/kg	Y		EPA 314.0
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000921	0.000921	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000549	0.0000549	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00031	0.00031	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000285	0.0000285	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000144	0.000144	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000184	0.000184	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000334	0.00000334	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000947	0.0000947	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000649	0.00000649	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000143	0.0000143	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000645	0.00000645	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000947	0.0000947	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000535	0.00000535	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000507	0.0000507	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00004	0.00004	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000799	0.0000799	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000159	0.00000159	mg/kg	Y	J+	EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	HpCDD (total)	37871-00-4	0.000047	0.000047	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	HpCDF (total)	38998-75-3	0.000652	0.000652	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	HxCDD (total)	34465-46-8	0.0000529	0.0000529	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	HxCDF (total)	55684-94-1	0.000738	0.000738	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	PeCDD (total)	36088-22-9	0.0000537	0.0000537	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	PeCDF (total)	30402-15-4	0.000666	0.000666	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	TCDD (total)	41903-57-5	0.0000354	0.0000354	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Dioxins	TCDF (total)	30402-14-3	0.000638	0.000638	mg/kg	Y		EPA 8290
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	General Chemistry	Alkalinity (as CaCO3)	ALKA	258	258	mg/kg	Y		SM 2320B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	General Chemistry	Ammonia	7664-41-7	0.412196235		mg/kg	N		EPA 350.1 MOD
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	General Chemistry	Bromide	24959-67-9	0.385		mg/kg	N		EPA 9056
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	General Chemistry	Carbonate as CO3	3812-32-6	0.689		mg/kg	N		SM 2320B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	General Chemistry	Cyanide (total)	57-12-5	0.218		mg/kg	N		EPA 9012A
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	General Chemistry	Hydrogen carbonate	71-52-3	0.689		mg/kg	N		SM 2320B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	General Chemistry	Methylene Blue Active Substances	MBAS	2.07		mg/kg	N		SM 5540C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	General Chemistry	Nitrate	14797-55-8	1.589857143		mg/kg	N		EPA 9056
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	General Chemistry	Nitrite	14797-65-0	0.001		mg/kg	N		EPA 9056
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	General Chemistry	pH	PH	8.97	8.97	SU	Y		EPA 9045C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	General Chemistry	Sulfate	14808-79-8	145	145	mg/kg	Y		EPA 9056
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	General Chemistry	Total Organic Carbon	TOC	919	919	mg/kg	Y		LLOYD KAHN
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Aluminum	7429-90-5	8050	8050	mg/kg	Y		EPA 6010B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Antimony	7440-36-0	0.13	0.13	mg/kg	Y	J-	EPA 6020
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Arsenic	7440-38-2	1.82	1.82	mg/kg	Y		EPA 6020
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Barium	7440-39-3	155	155	mg/kg	Y		EPA 6010B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Beryllium	7440-41-7	0.444	0.444	mg/kg	Y		EPA 6020
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Boron	7440-42-8	4	4	mg/kg	Y	J	EPA 6010B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Cadmium	7440-43-9	0.179	0.179	mg/kg	Y		EPA 6020
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Calcium	7440-70-2	26200	26200	mg/kg	Y	J	EPA 6010B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Chromium (total)	7440-47-3	5.84	5.84	mg/kg	Y		EPA 6020
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Chromium VI	18540-29-9	0.101		mg/kg	N		EPA 7199
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Cobalt	7440-48-4	5.7	5.7	mg/kg	Y		EPA 6010B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Copper	7440-50-8	14.5	14.5	mg/kg	Y		EPA 6010B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Iron	7439-89-6	11000	11000	mg/kg	Y	J	EPA 6010B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Lead	7439-92-1	11.8	11.8	mg/kg	Y	J	EPA 6020
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Magnesium	7439-95-4	8060	8060	mg/kg	Y		EPA 6010B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Manganese	7439-96-5	426	426	mg/kg	Y		EPA 6010B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Mercury	7439-97-6	0.009	0.009	mg/kg	Y		EPA 7471A
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Molybdenum	7439-98-7	0.3	0.3	mg/kg	Y		EPA 6020
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Nickel	7440-02-0	13.3	13.3	mg/kg	Y	J	EPA 6020
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Phosphorus (total)	7723-14-0	1160	1160	mg/kg	Y		EPA 365.1
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Platinum	7440-06-4	0.02		mg/kg	N		EPA 6020
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Potassium	7440-09-7	2280	2280	mg/kg	Y		EPA 6010B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Selenium	7782-49-2	0.8		mg/kg	N		EPA 6020
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Silver	7440-22-4	0.066	0.066	mg/kg	Y	J	EPA 6020
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Sodium	7440-23-5	416	416	mg/kg	Y		EPA 6010B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Strontium	7440-24-6	129	129	mg/kg	Y		EPA 6010B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Thallium	7440-28-0	0.105	0.105	mg/kg	Y		EPA 6020

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Tin	7440-31-5	10	10	mg/kg	Y	J	EPA 6010B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Titanium	7440-32-6	505	505	mg/kg	Y		EPA 6010B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Tungsten	7440-33-7	0.25	0.25	mg/kg	Y	J-	EPA 6020
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Uranium (total)	7440-61-1	0.8	0.8	mg/kg	Y		EPA 6020
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Vanadium	7440-62-2	25.8	25.8	mg/kg	Y		EPA 6010B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	Metals	Zinc	7440-66-6	29.9	29.9	mg/kg	Y	J	EPA 6010B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	4,4'-DDD	72-54-8	0.0046	0.0046	mg/kg	Y		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	4,4'-DDE	72-55-9	0.25	0.25	mg/kg	Y		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	4,4'-DDT	50-29-3	0.034	0.034	mg/kg	Y		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	Aldrin	309-00-2	0.00007		mg/kg	N		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	alpha-BHC	319-84-6	0.00031		mg/kg	N		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	alpha-Chlordane	5103-71-9	0.00015		mg/kg	N		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	beta-BHC	319-85-7	0.87	0.87	mg/kg	Y		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	Chlordane (total)	57-74-9	0.0019		mg/kg	N		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	delta-BHC	319-86-8	0.000089		mg/kg	N		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	Dieldrin	60-57-1	0.00026		mg/kg	N		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	Endosulfan I	959-98-8	0.0001		mg/kg	N		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	Endosulfan II	33213-65-9	0.000091		mg/kg	N		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	Endosulfan sulfate	1031-07-8	0.00009		mg/kg	N		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	Endrin	72-20-8	0.00011		mg/kg	N		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	Endrin aldehyde	7421-93-4	0.00083		mg/kg	N		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	Endrin ketone	53494-70-5	0.00012		mg/kg	N		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	gamma-BHC	58-89-9	0.00012		mg/kg	N		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	gamma-Chlordane	5103-74-2	0.00012		mg/kg	N		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	Heptachlor	76-44-8	0.000088		mg/kg	N		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	Heptachlor epoxide	1024-57-3	0.00011		mg/kg	N		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	Hexachlorobenzene	118-74-1	0.0048	0.0048	mg/kg	Y	J	EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	Methoxychlor	72-43-5	0.00026		mg/kg	N		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	Toxaphene	8001-35-2	0.0097		mg/kg	N		EPA 8081
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	PAHs	2-Methylnaphthalene	91-57-6	0.00223683		mg/kg	N		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	PAHs	Acenaphthene	83-32-9	0.00119712		mg/kg	N		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	PAHs	Acenaphthylene	208-96-8	0.00134267		mg/kg	N		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	PAHs	Anthracene	120-12-7	0.0017	0.0017	mg/kg	Y	J	EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	PAHs	Benzo(a)anthracene	56-55-3	0.011	0.011	mg/kg	Y		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	PAHs	Benzo(a)pyrene	50-32-8	0.0084	0.0084	mg/kg	Y		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	PAHs	Benzo(b)fluoranthene	205-99-2	0.01	0.01	mg/kg	Y		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0072	0.0072	mg/kg	Y		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	PAHs	Benzo(k)fluoranthene	207-08-9	0.0095	0.0095	mg/kg	Y		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	PAHs	Chrysene	218-01-9	0.019	0.019	mg/kg	Y		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00137408		mg/kg	N		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	PAHs	Fluoranthene	206-44-0	0.026	0.026	mg/kg	Y		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	PAHs	Fluorene	86-73-7	0.00281445		mg/kg	N		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0065	0.0065	mg/kg	Y	J	EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	PAHs	Naphthalene	91-20-3	0.0015	0.0015	mg/kg	Y	J	EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	PAHs	Phenanthrene	85-01-8	0.014	0.014	mg/kg	Y		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	PAHs	Pyrene	129-00-0	0.019	0.019	mg/kg	Y		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	RAD	Radium-226	Ra-226	0.952	0.952	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	RAD	Radium-228	Ra-228	1.02	1.02	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	RAD	Thorium-228	Th-228	1.95	1.95	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	RAD	Thorium-230	Th-230	0.781	0.781	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	RAD	Thorium-232	Th-232	1.14	1.14	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	RAD	Uranium-234	U-234	0.879	0.879	pCi/g	Y		DOE EML HASL-300
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	RAD	Uranium-235	U-235	0.0536	0.0536	pCi/g	Y		DOE EML HASL-300
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	RAD	Uranium-238	U-238	0.86	0.86	pCi/g	Y		DOE EML HASL-300
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	SVOCs	1,4-Dioxane	123-91-1	0.00262796		mg/kg	N		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.11		mg/kg	N	UJ	EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	SVOCs	Butylbenzylphthalate	85-68-7	0.00190026		mg/kg	N		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	SVOCs	Diethylphthalate	84-66-2	0.00858299		mg/kg	N		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	SVOCs	Dimethylphthalate	131-11-3	0.00091269		mg/kg	N		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	SVOCs	Di-n-butylphthalate	84-74-2	0.160159		mg/kg	N		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	SVOCs	Di-n-octylphthalate	117-84-0	0.00080807		mg/kg	N		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	SVOCs	Hexachlorobutadiene	87-68-3	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	SVOCs	Nitrobenzene	98-95-3	0.00122338		mg/kg	N		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	SVOCs	Octachlorostyrene	29082-74-4	0.0021	0.0021	mg/kg	Y	J	EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	SVOCs	Pyridine	110-86-1	0.0163531		mg/kg	N		EPA 8270C
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	1,1,1-Trichloroethane	71-55-6	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	1,1,2-Trichloroethane	79-00-5	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	1,1-Dichloroethane	75-34-3	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	1,1-Dichloroethene	75-35-4	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	1,1-Dichloropropene	563-58-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0011		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	1,2,3-Trichloropropane	96-18-4	0.00095		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00094		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0007		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	1,2-Dibromoethane	106-93-4	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	1,2-Dichlorobenzene	95-50-1	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	1,2-Dichloroethane	107-06-2	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	1,2-Dichloropropane	78-87-5	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	1,3-Dichlorobenzene	541-73-1	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	1,3-Dichloropropane	142-28-9	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	1,4-Dichlorobenzene	106-46-7	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	2,2-Dichloropropane	594-20-7	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	2-Butanone	78-93-3	0.0017	0.0017	mg/kg	Y	J	EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	2-Chlorotoluene	95-49-8	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	2-Hexanone	591-78-6	0.00072		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	4-Chlorotoluene	106-43-4	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	4-Methyl-2-pentanone	108-10-1	0.00095		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Acetone	67-64-1	0.011	0.011	mg/kg	Y	J	EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Benzene	71-43-2	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Bromobenzene	108-86-1	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Bromochloromethane	74-97-5	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Bromodichloromethane	75-27-4	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Bromoform	75-25-2	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Bromomethane	74-83-9	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Carbon tetrachloride	56-23-5	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Chlorobenzene	108-90-7	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Chloroethane	75-00-3	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Chloroform	67-66-3	0.00048	0.00048	mg/kg	Y	J	EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Chloromethane	74-87-3	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Cumene	98-82-8	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Dibromochloromethane	124-48-1	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Dibromomethane	74-95-3	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Dichlorodifluoromethane	75-71-8	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Diisopropyl ether	108-20-3	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Ethyl benzene	100-41-4	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Ethyl tert-butyl ether	637-92-3	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	m,p-Xylene	179601-23-1	0.00078		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Methyl tert-butyl ether	1634-04-4	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Methylene Chloride	75-09-2	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	n-Butylbenzene	104-51-8	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	n-Propylbenzene	103-65-1	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	o-Xylene	95-47-6	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	p-Cymene	99-87-6	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	sec-Butylbenzene	135-98-8	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Styrene	100-42-5	0.00016		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	t-Amyl methyl ether	994-05-8	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	tert-Butylbenzene	98-06-6	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Tetrachloroethene	127-18-4	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Toluene	108-88-3	0.0005	0.0005	mg/kg	Y	J	EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Trichloroethene	79-01-6	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Trichlorofluoromethane	75-69-4	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	VOCs	Vinyl chloride	75-01-4	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.044		mg/kg	N		EPA 300.1M
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.727	0.727	mg/kg	Y		EPA 314.0
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000121	0.000121	mg/kg	Y		EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000047	0.0000047	mg/kg	Y	J	EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000426	0.0000426	mg/kg	Y		EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000336	0.00000336	mg/kg	Y		EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000189	0.0000189	mg/kg	Y		EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00002	0.00002	mg/kg	Y		EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000491	0.000000491	mg/kg	Y	J	EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000113	0.0000113	mg/kg	Y		EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000099	0.00000099	mg/kg	Y	J	EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000165	0.00000165	mg/kg	Y	J	EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000105	0.00000105	mg/kg	Y	J	EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000081	0.0000081	mg/kg	Y		EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000659	0.000000659	mg/kg	Y	J	EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000677	0.00000677	mg/kg	Y		EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000446	0.00000446	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000346	0.00000346	mg/kg	Y		EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000224	0.000000224	mg/kg	Y	JK	EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	HpCDD (total)	37871-00-4	0.00000537	0.00000537	mg/kg	Y		EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	HpCDF (total)	38998-75-3	0.0000879	0.0000879	mg/kg	Y		EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	HxCDD (total)	34465-46-8	0.00000737	0.00000737	mg/kg	Y		EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	HxCDF (total)	55684-94-1	0.0000856	0.0000856	mg/kg	Y		EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	PeCDD (total)	36088-22-9	0.00000483	0.00000483	mg/kg	Y		EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	PeCDF (total)	30402-15-4	0.0000793	0.0000793	mg/kg	Y		EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	TCDD (total)	41903-57-5	0.00000737	0.00000737	mg/kg	Y		EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Dioxins	TCDF (total)	30402-14-3	0.0000571	0.0000571	mg/kg	Y		EPA 8290
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	315	315	mg/kg	Y		SM 2320B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Carbonate as CO3	3812-32-6	3	3	mg/kg	Y	J	SM 2320B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Chloride	16887-00-6	4.3	4.3	mg/kg	Y	J+	EPA 9056
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Hydrogen carbonate	71-52-3	311	311	mg/kg	Y		SM 2320B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.2		mg/kg	N	UJ	SM 5540C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Nitrate	14797-55-8	6.288571429	6.288571429	mg/kg	Y	J+	EPA 9056
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	pH	PH	8.99	8.99	SU	Y		EPA 9045D
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Sulfate	14808-79-8	175	175	mg/kg	Y	J+	EPA 9056
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	General Chemistry	Total Organic Carbon	TOC	960	960	mg/kg	Y		LLOYD KAHN
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Aluminum	7429-90-5	10700	10700	mg/kg	Y		EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Arsenic	7440-38-2	2.38	2.38	mg/kg	Y		EPA 6020
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Barium	7440-39-3	155	155	mg/kg	Y	J	EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Beryllium	7440-41-7	0.595	0.595	mg/kg	Y	J+	EPA 6020
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Boron	7440-42-8	4.5	4.5	mg/kg	Y	J	EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Calcium	7440-70-2	39100	39100	mg/kg	Y	J	EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Chromium (total)	7440-47-3	10.8	10.8	mg/kg	Y		EPA 6020
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Chromium VI	18540-29-9	0.2		mg/kg	N		EPA 7199
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Cobalt	7440-48-4	7.7	7.7	mg/kg	Y		EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Copper	7440-50-8	19.7	19.7	mg/kg	Y		EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Iron	7439-89-6	14900	14900	mg/kg	Y	J	EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Lead	7439-92-1	8.8	8.8	mg/kg	Y		EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Magnesium	7439-95-4	9700	9700	mg/kg	Y		EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Manganese	7439-96-5	371	371	mg/kg	Y	J	EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Mercury	7439-97-6	0.013	0.013	mg/kg	Y	J	EPA 7471
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Molybdenum	7439-98-7	0.44	0.44	mg/kg	Y		EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Nickel	7440-02-0	14.5	14.5	mg/kg	Y	J	EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Phosphorus (total)	7723-14-0	871	871	mg/kg	Y		EPA 365.1M
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Platinum	7440-06-4	0.009	0.009	mg/kg	Y	J	EPA 6020
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Potassium	7440-09-7	2360	2360	mg/kg	Y	J	EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Sodium	7440-23-5	359	359	mg/kg	Y	J	EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Strontium	7440-24-6	147	147	mg/kg	Y	J	EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Thallium	7440-28-0	0.148	0.148	mg/kg	Y		EPA 6020
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Tin	7440-31-5	4.2	4.2	mg/kg	Y	J	EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Titanium	7440-32-6	755	755	mg/kg	Y	J	EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Tungsten	7440-33-7	0.33	0.33	mg/kg	Y	J-	EPA 6020
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Uranium (total)	7440-61-1	0.86	0.86	mg/kg	Y	J+	EPA 6020
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Vanadium	7440-62-2	37.6	37.6	mg/kg	Y	J	EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	Metals	Zinc	7440-66-6	33.5	33.5	mg/kg	Y	J	EPA 6010
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	OCPs	Hexachlorobenzene	118-74-1	0.0088	0.0088	mg/kg	Y		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	PAHs	2-Methylnaphthalene	91-57-6	0.000018		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	PAHs	Acenaphthene	83-32-9	0.000032		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	PAHs	Acenaphthylene	208-96-8	0.000025		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	PAHs	Anthracene	120-12-7	0.000039		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	PAHs	Benzo(a)anthracene	56-55-3	0.000019		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	PAHs	Benzo(a)pyrene	50-32-8	0.000022		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.000037		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.000039		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.000027		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	PAHs	Chrysene	218-01-9	0.000032		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.000025		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	PAHs	Fluoranthene	206-44-0	0.000046		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	PAHs	Fluorene	86-73-7	0.000022		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.000029		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	PAHs	Naphthalene	91-20-3	0.0011	0.0011	mg/kg	Y	J	EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	PAHs	Phenanthrene	85-01-8	0.000058		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	PAHs	Pyrene	129-00-0	0.000031		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	RAD	Radium-226	Ra-226	0.583	0.583	pCi/g	Y	J	EPA 903.1 MOD

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	RAD	Radium-228	Ra-228	1.62	1.62	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	RAD	Thorium-228	Th-228	1.73	1.73	pCi/g	Y		DOE EML HASL-300
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	RAD	Thorium-230	Th-230	1.06	1.06	pCi/g	Y		DOE EML HASL-300
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	RAD	Thorium-232	Th-232	1.48	1.48	pCi/g	Y		DOE EML HASL-300
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	RAD	Uranium-234	U-234	1.82	1.82	pCi/g	Y		DOE EML HASL-300
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	RAD	Uranium-235	U-235	0.0657	0.0657	pCi/g	Y		DOE EML HASL-300
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	RAD	Uranium-238	U-238	1.33	1.33	pCi/g	Y		DOE EML HASL-300
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	SVOCs	1,4-Dioxane	123-91-1	0.00016		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.0042		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.000075		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	SVOCs	Diethylphthalate	84-66-2	0.0038		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	SVOCs	Dimethylphthalate	131-11-3	0.000029		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.00099		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.000035		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	SVOCs	Nitrobenzene	98-95-3	0.000056		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	SVOCs	Octachlorostyrene	29082-74-4	0.00012		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	SVOCs	Pyridine	110-86-1	0.00086		mg/kg	N		EPA 8270C
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	TPH	Oil Range Organics	TPH-MOTOR	44		mg/kg	N		EPA 8015B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	44		mg/kg	N		EPA 8015B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00017		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,1-Dichloroethene	75-35-4	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00071		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	2-Butanone	78-93-3	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	2-Chlorotoluene	95-49-8	0.00049		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	2-Hexanone	591-78-6	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	4-Chlorotoluene	106-43-4	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Acetone	67-64-1	0.0064	0.0064	mg/kg	Y	J	EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Benzene	71-43-2	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Bromobenzene	108-86-1	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Bromochloromethane	74-97-5	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Bromodichloromethane	75-27-4	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Bromoform	75-25-2	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Bromomethane	74-83-9	0.00062		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Carbon tetrachloride	56-23-5	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Chlorobenzene	108-90-7	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Chloroethane	75-00-3	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Chloroform	67-66-3	0.00062	0.00062	mg/kg	Y	J	EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Chloromethane	74-87-3	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Cumene	98-82-8	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Dibromochloromethane	124-48-1	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Dibromomethane	74-95-3	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Diisopropyl ether	108-20-3	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Ethyl benzene	100-41-4	0.0007		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	m,p-Xylene	179601-23-1	0.00074		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Methylene Chloride	75-09-2	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	n-Butylbenzene	104-51-8	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	n-Propylbenzene	103-65-1	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	o-Xylene	95-47-6	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	p-Cymene	99-87-6	0.00051		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	sec-Butylbenzene	135-98-8	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Styrene	100-42-5	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	t-Amyl methyl ether	994-05-8	0.000087		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	tert Butyl alcohol	75-65-0	0.0056		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	tert-Butylbenzene	98-06-6	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Tetrachloroethene	127-18-4	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Toluene	108-88-3	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Trichloroethene	79-01-6	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	VOCs	Vinyl chloride	75-01-4	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0002	0.0002	mg/kg	Y		EPA 8290
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000017	0.000017	mg/kg	Y		EPA 8290
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00008	0.00008	mg/kg	Y		EPA 8290
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000067	0.0000067	mg/kg	Y		EPA 8290
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000033	0.000033	mg/kg	Y		EPA 8290
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000027	0.000027	mg/kg	Y		EPA 8290
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000079	0.00000079	mg/kg	Y	J+	EPA 8290
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000021	0.000021	mg/kg	Y		EPA 8290
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000017	0.0000017	mg/kg	Y	J	EPA 8290
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000035	0.0000035	mg/kg	Y		EPA 8290
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000095	0.00000095	mg/kg	Y	J	EPA 8290
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000022	0.000022	mg/kg	Y		EPA 8290
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000013	0.0000013	mg/kg	Y	J	EPA 8290
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000056	0.0000056	mg/kg	Y		EPA 8290
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000015	0.000015	mg/kg	Y		EPA 8290
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000048	0.00000048	mg/kg	Y	JK	EPA 8290
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	General Chemistry	Moisture	MOIST	2.5	2.5	percent	Y		ASTM 2216
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	OCPs	Hexachlorobenzene	118-74-1	0.052	0.052	mg/kg	Y	J	EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	PAHs	Acenaphthene	83-32-9	0.01		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	PAHs	Benzo(a)anthracene	56-55-3	0.02		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	PAHs	Benzo(a)pyrene	50-32-8	0.02		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.026		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.016		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.039		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	PAHs	Chrysene	218-01-9	0.027		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	PAHs	Fluoranthene	206-44-0	0.035		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.022		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	PAHs	Naphthalene	91-20-3	0.03		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	SVOCs	1,4-Dioxane	123-91-1	0.065		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.045		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.042		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Diethylphthalate	84-66-2	0.026		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Dimethylphthalate	131-11-3	0.084	0.084	mg/kg	Y	J	EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.028		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.014		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Nitrobenzene	98-95-3	0.022		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Octachlorostyrene	29082-74-4	0.056		mg/kg	N		EPA 8270C
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Chlorine Oxyanions	Chlorate	14866-68-3	1.99	1.99	mg/kg	Y		EPA 300.1
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	13.3	13.3	mg/kg	Y		EPA 314.0
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00558	0.00558	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000129	0.000129	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00179	0.00179	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000141	0.000141	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0008	0.0008	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00085	0.00085	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000191	0.0000191	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000485	0.000485	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000378	0.0000378	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000063	0.000063	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000413	0.0000413	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000335	0.000335	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000298	0.0000298	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000288	0.000288	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000153	0.000153	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000561	0.00000561	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	HpCDD (total)	37871-00-4	0.000222	0.000222	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	HpCDF (total)	38998-75-3	0.0036	0.0036	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	HxCDD (total)	34465-46-8	0.00029	0.00029	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	HxCDF (total)	55684-94-1	0.00377	0.00377	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	PeCDD (total)	36088-22-9	0.000339	0.000339	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	PeCDF (total)	30402-15-4	0.00324	0.00324	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	TCDD (total)	41903-57-5	0.000225	0.000225	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Dioxins	TCDF (total)	30402-14-3	0.00241	0.00241	mg/kg	Y		EPA 8290
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	117	117	mg/kg	Y		SM 2320B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Bromide	24959-67-9	0.6	0.6	mg/kg	Y	J	EPA 9056
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Chloride	16887-00-6	395	395	mg/kg	Y		EPA 9056
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Hydrogen carbonate	71-52-3	116	116	mg/kg	Y		SM 2320B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2		mg/kg	N		SM 5540C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Nitrate	14797-55-8	84.14285714	84.14285714	mg/kg	Y		EPA 9056
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	pH	PH	8.36	8.36	SU	Y		EPA 9045D
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Sulfate	14808-79-8	1870	1870	mg/kg	Y		EPA 9056
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Total Organic Carbon	TOC	1500	1500	mg/kg	Y	J-	LLOYD KAHN
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Aluminum	7429-90-5	9330	9330	mg/kg	Y		EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Arsenic	7440-38-2	2.66	2.66	mg/kg	Y		EPA 6020
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Barium	7440-39-3	177	177	mg/kg	Y		EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Beryllium	7440-41-7	0.48	0.48	mg/kg	Y		EPA 6020
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Boron	7440-42-8	28.9	28.9	mg/kg	Y		EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Calcium	7440-70-2	16900	16900	mg/kg	Y		EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Chromium (total)	7440-47-3	7.25	7.25	mg/kg	Y		EPA 6020
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Chromium VI	18540-29-9	0.45	0.45	mg/kg	Y		EPA 7199
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Cobalt	7440-48-4	10.1	10.1	mg/kg	Y		EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Copper	7440-50-8	20.4	20.4	mg/kg	Y		EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Iron	7439-89-6	17800	17800	mg/kg	Y		EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Lead	7439-92-1	15.5	15.5	mg/kg	Y		EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Magnesium	7439-95-4	9650	9650	mg/kg	Y		EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Manganese	7439-96-5	660	660	mg/kg	Y		EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Mercury	7439-97-6	0.012	0.012	mg/kg	Y	J	EPA 7471
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Molybdenum	7439-98-7	1.18	1.18	mg/kg	Y	J	EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Nickel	7440-02-0	19.1	19.1	mg/kg	Y	J	EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Phosphorus (total)	7723-14-0	1040	1040	mg/kg	Y		EPA 365.1M
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Platinum	7440-06-4	0.01		mg/kg	N		EPA 6020
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Potassium	7440-09-7	2530	2530	mg/kg	Y		EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Sodium	7440-23-5	680	680	mg/kg	Y		EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Strontium	7440-24-6	146	146	mg/kg	Y		EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Thallium	7440-28-0	0.192	0.192	mg/kg	Y		EPA 6020
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Tin	7440-31-5	4.6	4.6	mg/kg	Y	J	EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Titanium	7440-32-6	960	960	mg/kg	Y	J-	EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Tungsten	7440-33-7	2.1	2.1	mg/kg	Y	J-	EPA 6020
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Uranium (total)	7440-61-1	0.781	0.781	mg/kg	Y		EPA 6020
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Vanadium	7440-62-2	53.7	53.7	mg/kg	Y		EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	Metals	Zinc	7440-66-6	43.1	43.1	mg/kg	Y	J	EPA 6010
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	OCPs	Hexachlorobenzene	118-74-1	0.021	0.021	mg/kg	Y		EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00056		mg/kg	N		EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	PAHs	Acenaphthene	83-32-9	0.001		mg/kg	N		EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	PAHs	Acenaphthylene	208-96-8	0.00074		mg/kg	N		EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	PAHs	Anthracene	120-12-7	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	PAHs	Benzo(a)anthracene	56-55-3	0.002	0.002	mg/kg	Y	J	EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00067		mg/kg	N		EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0034	0.0034	mg/kg	Y	J	EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.0027	0.0027	mg/kg	Y	J	EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	PAHs	Chrysene	218-01-9	0.0068	0.0068	mg/kg	Y		EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00077		mg/kg	N		EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	PAHs	Fluoranthene	206-44-0	0.0051	0.0051	mg/kg	Y	J	EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	PAHs	Fluorene	86-73-7	0.00069		mg/kg	N		EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0031	0.0031	mg/kg	Y	J	EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	PAHs	Naphthalene	91-20-3	0.00084		mg/kg	N		EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	PAHs	Phenanthrene	85-01-8	0.0044	0.0044	mg/kg	Y	J	EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	PAHs	Pyrene	129-00-0	0.0034	0.0034	mg/kg	Y	J	EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	RAD	Radium-226	Ra-226	0.712	0.712	pCi/g	Y	J	EPA 903.1 MOD
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	RAD	Radium-228	Ra-228	0.698	0.698	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	RAD	Thorium-228	Th-228	1.83	1.83	pCi/g	Y		DOE EML HASL-300
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	RAD	Thorium-230	Th-230	0.964	0.964	pCi/g	Y		DOE EML HASL-300
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	RAD	Thorium-232	Th-232	1.64	1.64	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	RAD	Uranium-234	U-234	0.831	0.831	pCi/g	Y		DOE EML HASL-300
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	RAD	Uranium-235	U-235	0.0431	0.0431	pCi/g	Y		DOE EML HASL-300
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	RAD	Uranium-238	U-238	0.899	0.899	pCi/g	Y		DOE EML HASL-300
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	SVOCs	1,4-Dioxane	123-91-1	0.005		mg/kg	N		EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.13		mg/kg	N		EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	SVOCs	Dimethylphthalate	131-11-3	0.00089		mg/kg	N		EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.083	0.083	mg/kg	Y	J	EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00092		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0035		mg/kg	N	UJ	EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	SVOCs	Pyridine	110-86-1	0.027		mg/kg	N		EPA 8270C
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	TPH	Oil Range Organics	TPH-MOTOR	41		mg/kg	N		EPA 8015B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	41		mg/kg	N		EPA 8015B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	5.9		mg/kg	N		EPA 8015B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1-Dichloroethane	75-34-3	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1-Dichloroethene	75-35-4	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1-Dichloropropene	563-58-6	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00089		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00065		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00094		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00085		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00073		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	2-Butanone	78-93-3	0.00094		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	2-Chlorotoluene	95-49-8	0.00054		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	2-Hexanone	591-78-6	0.00086		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	4-Chlorotoluene	106-43-4	0.00067		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.0008		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Acetone	67-64-1	0.0039	0.0039	mg/kg	Y	J	EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Benzene	71-43-2	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Bromobenzene	108-86-1	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Bromochloromethane	74-97-5	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Bromodichloromethane	75-27-4	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Bromoform	75-25-2	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Bromomethane	74-83-9	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Carbon tetrachloride	56-23-5	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Chlorobenzene	108-90-7	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Chloroethane	75-00-3	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Chloroform	67-66-3	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Chloromethane	74-87-3	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Cumene	98-82-8	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Dibromochloromethane	124-48-1	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Dibromomethane	74-95-3	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00064		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Diisopropyl ether	108-20-3	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Ethyl benzene	100-41-4	0.0011		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	m,p-Xylene	179601-23-1	0.00078		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Methylene Chloride	75-09-2	0.0017	0.0017	mg/kg	Y	J	EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	n-Butylbenzene	104-51-8	0.00072		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	n-Propylbenzene	103-65-1	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	o-Xylene	95-47-6	0.00078		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	p-Cymene	99-87-6	0.00054		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	sec-Butylbenzene	135-98-8	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Styrene	100-42-5	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00014		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	tert Butyl alcohol	75-65-0	0.0086		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	tert-Butylbenzene	98-06-6	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Tetrachloroethene	127-18-4	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Toluene	108-88-3	0.0011	0.0011	mg/kg	Y	J	EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00045		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Trichloroethene	79-01-6	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	VOCs	Vinyl chloride	75-01-4	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Chlorine Oxyanions	Chlorate	14866-68-3	6	6	mg/kg	Y		EPA 300.1
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	4470	4470	mg/kg	Y		EPA 314.0
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000498	0.000498	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00159	0.00159	mg/kg	Y	J	EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000284	0.000284	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000279	0.000279	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000422	0.0000422	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000478	0.0000478	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000486	0.00000486	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000341	0.0000341	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000119	0.0000119	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000348	0.00000348	mg/kg	Y	JK	EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000175	0.0000175	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000222	0.00000222	mg/kg	Y	J	EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000021	0.000021	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000872	0.00000872	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000074	0.0000074	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000375	0.000000375	mg/kg	Y	JK	EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	HpCDD (total)	37871-00-4	0.00044	0.00044	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	HpCDF (total)	38998-75-3	0.000559	0.000559	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	HxCDD (total)	34465-46-8	0.0000789	0.0000789	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	HxCDF (total)	55684-94-1	0.000414	0.000414	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	PeCDD (total)	36088-22-9	0.0000157	0.0000157	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	PeCDF (total)	30402-15-4	0.000192	0.000192	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	TCDD (total)	41903-57-5	0.00000999	0.00000999	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Dioxins	TCDF (total)	30402-14-3	0.000105	0.000105	mg/kg	Y		EPA 8290
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	274	274	mg/kg	Y		SM 2320B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Ammonia	7664-41-7	161.7171068	161.7171068	mg/kg	Y	J+	EPA 350.1
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Carbonate as CO3	3812-32-6	10	10	mg/kg	Y	J	SM 2320B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Chloride	16887-00-6	516	516	mg/kg	Y	J+	EPA 9056
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Hydrogen carbonate	71-52-3	264	264	mg/kg	Y		SM 2320B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Methylene Blue Active Substances	MBAS	4.2	4.2	mg/kg	Y	J	SM 5540C
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Nitrate	14797-55-8	360.4857143	360.4857143	mg/kg	Y	J+	EPA 9056
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Nitrite	14797-65-0	3.51	3.51	mg/kg	Y		EPA 353.2
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	pH	PH	7.92	7.92	SU	Y		EPA 9045D
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Sulfate	14808-79-8	296	296	mg/kg	Y	J+	EPA 9056
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	General Chemistry	Total Organic Carbon	TOC	1050	1050	mg/kg	Y		LLOYD KAHN
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Aluminum	7429-90-5	7890	7890	mg/kg	Y		EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Arsenic	7440-38-2	2.15	2.15	mg/kg	Y		EPA 6020
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Barium	7440-39-3	185	185	mg/kg	Y		EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Beryllium	7440-41-7	0.508	0.508	mg/kg	Y		EPA 6020
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Boron	7440-42-8	4	4	mg/kg	Y	J	EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Cadmium	7440-43-9	0.06	0.06	mg/kg	Y	J	EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Calcium	7440-70-2	19100	19100	mg/kg	Y	J	EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Chromium (total)	7440-47-3	8.61	8.61	mg/kg	Y		EPA 6020
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Cobalt	7440-48-4	7.3	7.3	mg/kg	Y		EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Copper	7440-50-8	17	17	mg/kg	Y		EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Iron	7439-89-6	16100	16100	mg/kg	Y		EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Lead	7439-92-1	9.3	9.3	mg/kg	Y		EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Magnesium	7439-95-4	7710	7710	mg/kg	Y		EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Manganese	7439-96-5	418	418	mg/kg	Y	J	EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Mercury	7439-97-6	0.021	0.021	mg/kg	Y		EPA 7471A
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Molybdenum	7439-98-7	0.53	0.53	mg/kg	Y		EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Nickel	7440-02-0	15.8	15.8	mg/kg	Y		EPA 6010B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Phosphorus (total)	7723-14-0	957	957	mg/kg	Y		EPA 365.1M
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Platinum	7440-06-4	0.011	0.011	mg/kg	Y	J	EPA 6020
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Potassium	7440-09-7	2420	2420	mg/kg	Y		EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Sodium	7440-23-5	929	929	mg/kg	Y		EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Strontium	7440-24-6	131	131	mg/kg	Y		EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Thallium	7440-28-0	0.121	0.121	mg/kg	Y		EPA 6020
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Tin	7440-31-5	4.3	4.3	mg/kg	Y	J	EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Titanium	7440-32-6	817	817	mg/kg	Y		EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Tungsten	7440-33-7	0.2	0.2	mg/kg	Y	J-	EPA 6020
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Uranium (total)	7440-61-1	0.712	0.712	mg/kg	Y		EPA 6020
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Vanadium	7440-62-2	46.4	46.4	mg/kg	Y		EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	Metals	Zinc	7440-66-6	31.9	31.9	mg/kg	Y	J	EPA 6010B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	PAHs	Naphthalene	91-20-3	0.00062		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	RAD	Radium-226	Ra-226	0.859	0.859	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	RAD	Radium-228	Ra-228	0.855	0.855	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	RAD	Thorium-228	Th-228	1.8	1.8	pCi/g	Y		DOE EML HASL-300
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	RAD	Thorium-230	Th-230	0.962	0.962	pCi/g	Y		DOE EML HASL-300
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	RAD	Thorium-232	Th-232	1.7	1.7	pCi/g	Y		DOE EML HASL-300
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	RAD	Uranium-234	U-234	0.821	0.821	pCi/g	Y		DOE EML HASL-300
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	RAD	Uranium-235	U-235	0.0359	0.0359	pCi/g	Y		DOE EML HASL-300
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	RAD	Uranium-238	U-238	0.868	0.868	pCi/g	Y		DOE EML HASL-300
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00051		mg/kg	N	UJ	EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00017		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00015		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00016		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00011		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00049		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00018		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00018		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	2-Butanone	78-93-3	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	2-Chlorotoluene	95-49-8	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	2-Hexanone	591-78-6	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	4-Chlorotoluene	106-43-4	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Acetone	67-64-1	0.019	0.019	mg/kg	Y		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Benzene	71-43-2	0.00015		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Bromobenzene	108-86-1	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Bromochloromethane	74-97-5	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Bromodichloromethane	75-27-4	0.00015		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Bromoform	75-25-2	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Bromomethane	74-83-9	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Carbon tetrachloride	56-23-5	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Chlorobenzene	108-90-7	0.00015		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Chloroethane	75-00-3	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Chloroform	67-66-3	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Chloromethane	74-87-3	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00015		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Cumene	98-82-8	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Dibromochloromethane	124-48-1	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Dibromomethane	74-95-3	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Diisopropyl ether	108-20-3	0.00017		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Ethyl benzene	100-41-4	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00017		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	m,p-Xylene	179601-23-1	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00015		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Methylene Chloride	75-09-2	0.00041	0.00041	mg/kg	Y	J	EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	n-Butylbenzene	104-51-8	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	n-Propylbenzene	103-65-1	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	o-Xylene	95-47-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	p-Cymene	99-87-6	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	sec-Butylbenzene	135-98-8	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Styrene	100-42-5	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	t-Amyl methyl ether	994-05-8	0.000075		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	tert Butyl alcohol	75-65-0	0.0048		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	tert-Butylbenzene	98-06-6	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Tetrachloroethene	127-18-4	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Toluene	108-88-3	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Trichloroethene	79-01-6	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	VOCs	Vinyl chloride	75-01-4	0.00016		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.044		mg/kg	N		EPA 300.1M
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.209	0.209	mg/kg	Y		EPA 314.0M
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000521	0.0000521	mg/kg	Y		EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000368	0.00000368	mg/kg	Y	J	EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000185	0.0000185	mg/kg	Y		EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000207	0.00000207	mg/kg	Y	J	EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000888	0.00000888	mg/kg	Y		EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000104	0.0000104	mg/kg	Y		EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000142		mg/kg	N		EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000669	0.00000669	mg/kg	Y		EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000052	0.00000052	mg/kg	Y	JK	EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000000927	0.000000927	mg/kg	Y	J	EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000666	0.000000666	mg/kg	Y	J	EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000592	0.00000592	mg/kg	Y		EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000353	0.000000353	mg/kg	Y	JK	EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000329	0.00000329	mg/kg	Y	JK	EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000264	0.00000264	mg/kg	Y	J	EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000177	0.00000177	mg/kg	Y		EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	9.79E-08		mg/kg	N		EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	HpCDD (total)	37871-00-4	0.00000354	0.00000354	mg/kg	Y	J	EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	HpCDF (total)	38998-75-3	0.0000396	0.0000396	mg/kg	Y		EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	HxCDD (total)	34465-46-8	0.000000666	0.000000666	mg/kg	Y	J	EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	HxCDF (total)	55684-94-1	0.0000453	0.0000453	mg/kg	Y		EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	PeCDD (total)	36088-22-9	0.00000182	0.00000182	mg/kg	Y	J	EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	PeCDF (total)	30402-15-4	0.0000487	0.0000487	mg/kg	Y		EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	TCDD (total)	41903-57-5	0.00000265	0.00000265	mg/kg	Y		EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Dioxins	TCDF (total)	30402-14-3	0.0000408	0.0000408	mg/kg	Y		EPA 8290
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	270	270	mg/kg	Y	J-	SM 2320B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Carbonate as CO3	3812-32-6	6	6	mg/kg	Y	J	SM 2320B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Chloride	16887-00-6	2.7	2.7	mg/kg	Y	J+	EPA 9056
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Cyanide (total)	57-12-5	0.5		mg/kg	N		EPA 9012A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Hydrogen carbonate	71-52-3	265	265	mg/kg	Y		SM 2320B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Methylene Blue Active Substances	MBAS	0.8	0.8	mg/kg	Y	J	SM 5540C
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Moisture	MOIST	7.8	7.8	percent	Y		EPA 3550C
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Nitrate	14797-55-8	4.871428571	4.871428571	mg/kg	Y	J	EPA 9056
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N	UJ	EPA 353.2
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	pH	PH	8.72	8.72	SU	Y		EPA 9045D
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Sulfate	14808-79-8	172	172	mg/kg	Y	J	EPA 9056
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	General Chemistry	Total Organic Carbon	TOC	750	750	mg/kg	Y		LLOYD KAHN
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Aluminum	7429-90-5	9190	9190	mg/kg	Y		EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N		EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Arsenic	7440-38-2	1.8	1.8	mg/kg	Y		EPA 6020
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Barium	7440-39-3	192	192	mg/kg	Y		EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Beryllium	7440-41-7	0.52	0.52	mg/kg	Y		EPA 6020
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Boron	7440-42-8	5	5	mg/kg	Y	J	EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Cadmium	7440-43-9	0.13	0.13	mg/kg	Y		EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Calcium	7440-70-2	19800	19800	mg/kg	Y		EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Chromium (total)	7440-47-3	7.88	7.88	mg/kg	Y		EPA 6020
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Cobalt	7440-48-4	7.8	7.8	mg/kg	Y		EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Copper	7440-50-8	20.3	20.3	mg/kg	Y		EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Iron	7439-89-6	16100	16100	mg/kg	Y		EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Lead	7439-92-1	10	10	mg/kg	Y		EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Magnesium	7439-95-4	7690	7690	mg/kg	Y		EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Manganese	7439-96-5	474	474	mg/kg	Y		EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Mercury	7439-97-6	0.018	0.018	mg/kg	Y	J	EPA 7471
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Molybdenum	7439-98-7	0.54	0.54	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Nickel	7440-02-0	15.9	15.9	mg/kg	Y		EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Phosphorus (total)	7723-14-0	864	864	mg/kg	Y		EPA 365.1M
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Platinum	7440-06-4	0.009	0.009	mg/kg	Y	J	EPA 6020
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Potassium	7440-09-7	2780	2780	mg/kg	Y		EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Selenium	7782-49-2	0.8		mg/kg	N		EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Sodium	7440-23-5	269	269	mg/kg	Y		EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Strontium	7440-24-6	130	130	mg/kg	Y		EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Thallium	7440-28-0	0.099	0.099	mg/kg	Y		EPA 6020
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Tin	7440-31-5	4.5	4.5	mg/kg	Y	J	EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Titanium	7440-32-6	768	768	mg/kg	Y		EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Tungsten	7440-33-7	0.17	0.17	mg/kg	Y		EPA 6020
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Uranium (total)	7440-61-1	0.64	0.64	mg/kg	Y		EPA 6020
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Vanadium	7440-62-2	45.9	45.9	mg/kg	Y		EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Metals	Zinc	7440-66-6	34.9	34.9	mg/kg	Y		EPA 6010
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	4,4'-DDD	72-54-8	0.0019		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	4,4'-DDE	72-55-9	0.0019		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	4,4'-DDT	50-29-3	0.0019		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	Aldrin	309-00-2	0.00091		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	alpha-BHC	319-84-6	0.00091		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	alpha-Chlordane	5103-71-9	0.00091		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	beta-BHC	319-85-7	0.00091		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	Chlordane (total)	57-74-9	0.0046		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	delta-BHC	319-86-8	0.00091		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	Dieldrin	60-57-1	0.0019		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	Endosulfan I	959-98-8	0.00091		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	Endosulfan II	33213-65-9	0.0019		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0019		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	Endrin	72-20-8	0.0019		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	Endrin aldehyde	7421-93-4	0.0019		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	Endrin ketone	53494-70-5	0.0019		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	gamma-BHC	58-89-9	0.00091		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	gamma-Chlordane	5103-74-2	0.00091		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	Heptachlor	76-44-8	0.00091		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00091		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	Hexachlorobenzene	118-74-1	0.00091		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	Methoxychlor	72-43-5	0.0091		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	Toxaphene	8001-35-2	0.018		mg/kg	N		EPA 8081
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Chlorpyrifos	2921-88-2	0.007		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Coumaphos	56-72-4	0.003		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Dasanit	115-90-2	0.0088		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Demeton-O	298-03-3	0.0057		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Demeton-S	126-75-0	0.0053		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Diazinon	333-41-5	0.0079		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Dichlorovos	62-73-7	0.008		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Dimethoate	60-51-5	0.0077		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Disulfoton	298-04-4	0.0084		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	EPN	2104-64-5	0.004		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Ethoprop	13194-48-4	0.0053		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Famphur	52-85-7	0.0035		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Fenthion	55-38-9	0.0095		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Guthion	86-50-0	0.0038		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Malathion	121-75-5	0.005		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Merphos	150-50-5	0.0056		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Methyl parathion	298-00-0	0.0069		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Mevinphos	7786-34-7	0.005		mg/kg	N	UJ	EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Naled	300-76-5	0.025		mg/kg	N	UJ	EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Parathion	56-38-2	0.0057		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Phorate	298-02-2	0.0062		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Prothiophos	34643-46-4	0.0042		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Ronnel	299-84-3	0.016		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Stirophos	22248-79-9	0.0047		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Sulfotepp	3689-24-5	0.0068		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Sulprofos	35400-43-2	0.0046		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Thionazin	297-97-2	0.006		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OPPs	Trichloronate	327-98-0	0.0068		mg/kg	N		EPA 8141A
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Organics	4-Chlorobenzenesulfonic acid	98-66-8	0.25		mg/kg	N		HPLC-UV
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Organics	Benzenesulfonic acid	98-11-3	0.25		mg/kg	N		HPLC-UV
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Organics	Diethylphosphorodithioate	298-06-6	0.25		mg/kg	N		HPLC-UV
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Organics	o,o-Dimethyl Phosphorodithioate	756-80-9	1.3		mg/kg	N		HPLC-UV
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	Organics	Phthalic acid	88-99-3	0.25		mg/kg	N		HPLC-UV
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	PAHs	Naphthalene	91-20-3	0.00076		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	RAD	Radium-226	Ra-226	0.573	0.573	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	RAD	Radium-228	Ra-228	0.87	0.87	pCi/g	Y	J	EPA 904.0 MOD

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	RAD	Thorium-228	Th-228	2.21	2.21	pCi/g	Y		DOE EML HASL-300
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	RAD	Thorium-230	Th-230	1.38	1.38	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	RAD	Thorium-232	Th-232	2	2	pCi/g	Y		DOE EML HASL-300
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	RAD	Uranium-234	U-234	0.896	0.896	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	RAD	Uranium-235	U-235	0.0696	0.0696	pCi/g	Y		DOE EML HASL-300
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	RAD	Uranium-238	U-238	0.912	0.912	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00063		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00018		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00014		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00045		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00064		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00058		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	2-Butanone	78-93-3	0.0012	0.0012	mg/kg	Y	J	EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	2-Chlorotoluene	95-49-8	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	2-Hexanone	591-78-6	0.00059		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	4-Chlorotoluene	106-43-4	0.00045		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Acetone	67-64-1	0.0046	0.0046	mg/kg	Y	J	EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Benzene	71-43-2	0.00018		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Bromobenzene	108-86-1	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Bromochloromethane	74-97-5	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Bromodichloromethane	75-27-4	0.00018		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Bromoform	75-25-2	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Bromomethane	74-83-9	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Carbon tetrachloride	56-23-5	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Chlorobenzene	108-90-7	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Chloroethane	75-00-3	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Chloroform	67-66-3	0.00037	0.00037	mg/kg	Y	J	EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Chloromethane	74-87-3	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Cumene	98-82-8	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Dibromochloromethane	124-48-1	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Dibromomethane	74-95-3	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Diisopropyl ether	108-20-3	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Ethyl benzene	100-41-4	0.00074		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	m,p-Xylene	179601-23-1	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Methylene Chloride	75-09-2	0.00059	0.00059	mg/kg	Y	J	EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	n-Butylbenzene	104-51-8	0.00049		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	n-Propylbenzene	103-65-1	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	o-Xylene	95-47-6	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	p-Cymene	99-87-6	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	sec-Butylbenzene	135-98-8	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Styrene	100-42-5	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	t-Amyl methyl ether	994-05-8	0.000092		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	tert Butyl alcohol	75-65-0	0.0059		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	tert-Butylbenzene	98-06-6	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Tetrachloroethene	127-18-4	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Toluene	108-88-3	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Trichloroethene	79-01-6	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	VOCs	Vinyl chloride	75-01-4	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.045		mg/kg	N		EPA 300.1M

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.249	0.249	mg/kg	Y		EPA 314.0M
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000163	0.000163	mg/kg	Y		EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000809	0.00000809	mg/kg	Y		EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000554	0.0000554	mg/kg	Y		EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000595	0.00000595	mg/kg	Y		EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000224	0.0000224	mg/kg	Y		EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000314	0.0000314	mg/kg	Y		EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000907	0.000000907	mg/kg	Y	JK	EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000185	0.0000185	mg/kg	Y		EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000185	0.00000185	mg/kg	Y	J	EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000022	0.0000022	mg/kg	Y	J	EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000188	0.00000188	mg/kg	Y	J	EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000145	0.0000145	mg/kg	Y		EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000112	0.00000112	mg/kg	Y	J	EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000103	0.0000103	mg/kg	Y		EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000698	0.00000698	mg/kg	Y		EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000737	0.00000737	mg/kg	Y		EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000032	0.00000032	mg/kg	Y	JK	EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	HpCDD (total)	37871-00-4	0.00000899	0.00000899	mg/kg	Y		EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	HpCDF (total)	38998-75-3	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	HxCDD (total)	34465-46-8	0.0000129	0.0000129	mg/kg	Y		EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	HxCDF (total)	55684-94-1	0.000141	0.000141	mg/kg	Y		EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	PeCDD (total)	36088-22-9	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	PeCDF (total)	30402-15-4	0.000129	0.000129	mg/kg	Y		EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	TCDD (total)	41903-57-5	0.0000114	0.0000114	mg/kg	Y		EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Dioxins	TCDF (total)	30402-14-3	0.0000994	0.0000994	mg/kg	Y		EPA 8290
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	191	191	mg/kg	Y		SM 2320B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	General Chemistry	Chloride	16887-00-6	6.2	6.2	mg/kg	Y	J+	EPA 9056
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	General Chemistry	Hydrogen carbonate	71-52-3	188	188	mg/kg	Y		SM 2320B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.2		mg/kg	N	UJ	SM 5540C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	General Chemistry	Nitrate	14797-55-8	7.351428571	7.351428571	mg/kg	Y	J+	EPA 9056
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	General Chemistry	pH	PH	8.47	8.47	SU	Y		EPA 9045D
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	General Chemistry	Sulfate	14808-79-8	492	492	mg/kg	Y	J+	EPA 9056
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	General Chemistry	Total Organic Carbon	TOC	1040	1040	mg/kg	Y	J	LLOYD KAHN
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Aluminum	7429-90-5	8620	8620	mg/kg	Y	J	EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Arsenic	7440-38-2	2.22	2.22	mg/kg	Y		EPA 6020
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Barium	7440-39-3	189	189	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Beryllium	7440-41-7	0.583	0.583	mg/kg	Y		EPA 6020
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Boron	7440-42-8	4.8	4.8	mg/kg	Y	J	EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N	UJ	EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Calcium	7440-70-2	33400	33400	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Chromium (total)	7440-47-3	9.84	9.84	mg/kg	Y		EPA 6020
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Chromium VI	18540-29-9	0.2		mg/kg	N		EPA 7199
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Cobalt	7440-48-4	6.9	6.9	mg/kg	Y	J	EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Copper	7440-50-8	15.1	15.1	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Iron	7439-89-6	14600	14600	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Lead	7439-92-1	8.3	8.3	mg/kg	Y	J	EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Magnesium	7439-95-4	8320	8320	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Manganese	7439-96-5	320	320	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Mercury	7439-97-6	0.012	0.012	mg/kg	Y	J	EPA 7471
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Molybdenum	7439-98-7	0.48	0.48	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Nickel	7440-02-0	14	14	mg/kg	Y	J	EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Phosphorus (total)	7723-14-0	731	731	mg/kg	Y	J	EPA 365.1M
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Platinum	7440-06-4	0.009	0.009	mg/kg	Y	J	EPA 6020
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Potassium	7440-09-7	2980	2980	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Selenium	7782-49-2	0.8		mg/kg	N		EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Sodium	7440-23-5	219	219	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Strontium	7440-24-6	212	212	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Thallium	7440-28-0	0.12	0.12	mg/kg	Y	J	EPA 6020
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Tin	7440-31-5	4.5	4.5	mg/kg	Y	J	EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Titanium	7440-32-6	776	776	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Tungsten	7440-33-7	0.17	0.17	mg/kg	Y	J-	EPA 6020
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Uranium (total)	7440-61-1	0.859	0.859	mg/kg	Y		EPA 6020
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Vanadium	7440-62-2	43	43	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	Metals	Zinc	7440-66-6	29.5	29.5	mg/kg	Y	J+	EPA 6010
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	OCPs	Hexachlorobenzene	118-74-1	0.015	0.015	mg/kg	Y	J	EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	PAHs	2-Methylnaphthalene	91-57-6	0.0019		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	PAHs	Acenaphthene	83-32-9	0.0033		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	PAHs	Acenaphthylene	208-96-8	0.0024		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	PAHs	Anthracene	120-12-7	0.0039		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0022		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0037		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0039		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.0027		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	PAHs	Chrysene	218-01-9	0.0032		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0025		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	PAHs	Fluoranthene	206-44-0	0.0045		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	PAHs	Fluorene	86-73-7	0.0023		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0029		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	PAHs	Naphthalene	91-20-3	0.0028		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	PAHs	Phenanthrene	85-01-8	0.0057		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	PAHs	Pyrene	129-00-0	0.0032		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	RAD	Radium-226	Ra-226	0.842	0.842	pCi/g	Y	J	EPA 903.1 MOD
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	RAD	Radium-228	Ra-228	1.28	1.28	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	RAD	Thorium-228	Th-228	1.77	1.77	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	RAD	Thorium-230	Th-230	1.03	1.03	pCi/g	Y		DOE EML HASL-300
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	RAD	Thorium-232	Th-232	1.56	1.56	pCi/g	Y		DOE EML HASL-300
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	RAD	Uranium-234	U-234	0.911	0.911	pCi/g	Y		DOE EML HASL-300
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	RAD	Uranium-235	U-235	0.04		pCi/g	N		DOE EML HASL-300
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	RAD	Uranium-238	U-238	0.867	0.867	pCi/g	Y		DOE EML HASL-300
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	SVOCs	1,4-Dioxane	123-91-1	0.016		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.42		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0075		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	SVOCs	Diethylphthalate	84-66-2	0.38		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	SVOCs	Dimethylphthalate	131-11-3	0.0029		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.11		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0035		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	SVOCs	Nitrobenzene	98-95-3	0.0057		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	SVOCs	Octachlorostyrene	29082-74-4	0.012		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	SVOCs	Pyridine	110-86-1	0.086		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	TPH	Oil Range Organics	TPH-MOTOR	44		mg/kg	N		EPA 8015B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	44		mg/kg	N		EPA 8015B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00017		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00013		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00058		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	2-Butanone	78-93-3	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	2-Chlorotoluene	95-49-8	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	2-Hexanone	591-78-6	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	4-Chlorotoluene	106-43-4	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Acetone	67-64-1	0.0041	0.0041	mg/kg	Y	J	EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Benzene	71-43-2	0.00017		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Bromobenzene	108-86-1	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Bromochloromethane	74-97-5	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Bromodichloromethane	75-27-4	0.00017		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Bromoform	75-25-2	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Bromomethane	74-83-9	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Carbon tetrachloride	56-23-5	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Chlorobenzene	108-90-7	0.00018		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Chloroethane	75-00-3	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Chloroform	67-66-3	0.00026		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Chloromethane	74-87-3	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00018		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Cumene	98-82-8	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Dibromochloromethane	124-48-1	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Dibromomethane	74-95-3	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Diisopropyl ether	108-20-3	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Ethyl benzene	100-41-4	0.0007		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	m,p-Xylene	179601-23-1	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00018		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Methylene Chloride	75-09-2	0.00043	0.00043	mg/kg	Y	J	EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	n-Butylbenzene	104-51-8	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	n-Propylbenzene	103-65-1	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	o-Xylene	95-47-6	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	p-Cymene	99-87-6	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	sec-Butylbenzene	135-98-8	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Styrene	100-42-5	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	t-Amyl methyl ether	994-05-8	0.000088		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	tert Butyl alcohol	75-65-0	0.0056		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	tert-Butylbenzene	98-06-6	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Tetrachloroethene	127-18-4	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Toluene	108-88-3	0.00062	0.00062	mg/kg	Y	J	EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Trichloroethene	79-01-6	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	VOCs	Vinyl chloride	75-01-4	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.044		mg/kg	N		EPA 300.1M
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.227	0.227	mg/kg	Y		EPA 314.0M
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	264	264	mg/kg	Y		SM 2320B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	General Chemistry	Carbonate as CO3	3812-32-6	4	4	mg/kg	Y	J	SM 2320B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	General Chemistry	Chloride	16887-00-6	5.2	5.2	mg/kg	Y	J+	EPA 9056
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	General Chemistry	Hydrogen carbonate	71-52-3	259	259	mg/kg	Y		SM 2320B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.2		mg/kg	N	UJ	SM 5540C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	General Chemistry	Nitrate	14797-55-8	7.528571429	7.528571429	mg/kg	Y	J+	EPA 9056
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	General Chemistry	pH	PH	8.54	8.54	SU	Y		EPA 9045D
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	General Chemistry	Sulfate	14808-79-8	355	355	mg/kg	Y	J+	EPA 9056
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	General Chemistry	Total Organic Carbon	TOC	670	670	mg/kg	Y	J	LLOYD KAHN
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Aluminum	7429-90-5	9640	9640	mg/kg	Y	J	EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Arsenic	7440-38-2	2.16	2.16	mg/kg	Y		EPA 6020
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Barium	7440-39-3	169	169	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Beryllium	7440-41-7	0.525	0.525	mg/kg	Y		EPA 6020
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Boron	7440-42-8	5.5	5.5	mg/kg	Y	J	EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N	UJ	EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Calcium	7440-70-2	33000	33000	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Chromium (total)	7440-47-3	9.03	9.03	mg/kg	Y		EPA 6020
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Cobalt	7440-48-4	8.4	8.4	mg/kg	Y	J	EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Copper	7440-50-8	19.6	19.6	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Iron	7439-89-6	17600	17600	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Lead	7439-92-1	9.4	9.4	mg/kg	Y	J	EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Magnesium	7439-95-4	9970	9970	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Manganese	7439-96-5	344	344	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Mercury	7439-97-6	0.019	0.019	mg/kg	Y	J	EPA 7471
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Molybdenum	7439-98-7	0.46	0.46	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Nickel	7440-02-0	17	17	mg/kg	Y	J	EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Phosphorus (total)	7723-14-0	1230	1230	mg/kg	Y	J	EPA 365.1M
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Platinum	7440-06-4	0.008	0.008	mg/kg	Y	J	EPA 6020
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Potassium	7440-09-7	2870	2870	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Selenium	7782-49-2	0.8		mg/kg	N		EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Sodium	7440-23-5	198	198	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Strontium	7440-24-6	183	183	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Thallium	7440-28-0	0.107	0.107	mg/kg	Y	J	EPA 6020
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Tin	7440-31-5	5.2	5.2	mg/kg	Y	J	EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Titanium	7440-32-6	897	897	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Tungsten	7440-33-7	0.27	0.27	mg/kg	Y	J-	EPA 6020

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Uranium (total)	7440-61-1	0.825	0.825	mg/kg	Y		EPA 6020
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Vanadium	7440-62-2	50.6	50.6	mg/kg	Y		EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	Metals	Zinc	7440-66-6	35.4	35.4	mg/kg	Y	J+	EPA 6010
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	OCPs	Hexachlorobenzene	118-74-1	0.018	0.018	mg/kg	Y		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00061		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	PAHs	Acenaphthylene	208-96-8	0.0008		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00062		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00072		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00089		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00083		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	PAHs	Fluorene	86-73-7	0.00074		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00095		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	PAHs	Naphthalene	91-20-3	0.00091		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	RAD	Radium-226	Ra-226	0.288	0.288	pCi/g	Y	J	EPA 903.1 MOD
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	RAD	Radium-228	Ra-228	1.06	1.06	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	RAD	Thorium-228	Th-228	2.28	2.28	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	RAD	Thorium-230	Th-230	1.54	1.54	pCi/g	Y		DOE EML HASL-300
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	RAD	Thorium-232	Th-232	1.72	1.72	pCi/g	Y		DOE EML HASL-300
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	RAD	Uranium-234	U-234	0.889	0.889	pCi/g	Y		DOE EML HASL-300
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	RAD	Uranium-235	U-235	0.054	0.054	pCi/g	Y		DOE EML HASL-300
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	RAD	Uranium-238	U-238	0.887	0.887	pCi/g	Y		DOE EML HASL-300
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	SVOCs	1,4-Dioxane	123-91-1	0.0053		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	SVOCs	Dimethylphthalate	131-11-3	0.00096		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.036		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00054		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0038		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	SVOCs	Pyridine	110-86-1	0.029		mg/kg	N		EPA 8270C
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	TPH	Oil Range Organics	TPH-MOTOR	44		mg/kg	N		EPA 8015B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	44		mg/kg	N		EPA 8015B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00018		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00016		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00017		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00012		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	2-Butanone	78-93-3	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	2-Chlorotoluene	95-49-8	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	2-Hexanone	591-78-6	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	4-Chlorotoluene	106-43-4	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Acetone	67-64-1	0.0068	0.0068	mg/kg	Y	J	EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Benzene	71-43-2	0.00016		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Bromobenzene	108-86-1	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Bromochloromethane	74-97-5	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Bromodichloromethane	75-27-4	0.00016		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Bromoform	75-25-2	0.00031		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Bromomethane	74-83-9	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Carbon tetrachloride	56-23-5	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Chlorobenzene	108-90-7	0.00016		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Chloroethane	75-00-3	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Chloroform	67-66-3	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Chloromethane	74-87-3	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00016		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Cumene	98-82-8	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Dibromochloromethane	124-48-1	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Dibromomethane	74-95-3	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Diisopropyl ether	108-20-3	0.00018		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Ethyl benzene	100-41-4	0.00063		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00018		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	m,p-Xylene	179601-23-1	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00016		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Methylene Chloride	75-09-2	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	n-Butylbenzene	104-51-8	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	n-Propylbenzene	103-65-1	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	o-Xylene	95-47-6	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	p-Cymene	99-87-6	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	sec-Butylbenzene	135-98-8	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Styrene	100-42-5	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	t-Amyl methyl ether	994-05-8	0.000079		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	tert Butyl alcohol	75-65-0	0.005		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	tert-Butylbenzene	98-06-6	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Tetrachloroethene	127-18-4	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Toluene	108-88-3	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Trichloroethene	79-01-6	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	VOCs	Vinyl chloride	75-01-4	0.00017		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.043		mg/kg	N		EPA 300.1M
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.06	0.06	mg/kg	Y		EPA 314.0M
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0132	0.0132	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000448	0.000448	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00396	0.00396	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00038	0.00038	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0017	0.0017	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00272	0.00272	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000678	0.0000678	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00158	0.00158	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000127	0.000127	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000219	0.000219	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000145	0.000145	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00175	0.00175	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000913	0.0000913	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000797	0.000797	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000897	0.000897	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00106	0.00106	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000243	0.0000243	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	HpCDD (total)	37871-00-4	0.000573	0.000573	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	HpCDF (total)	38998-75-3	0.00822	0.00822	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	HxCDD (total)	34465-46-8	0.00104	0.00104	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	HxCDF (total)	55684-94-1	0.00967	0.00967	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	PeCDD (total)	36088-22-9	0.001	0.001	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	PeCDF (total)	30402-15-4	0.0113	0.0113	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	TCDD (total)	41903-57-5	0.00104	0.00104	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Dioxins	TCDF (total)	30402-14-3	0.0131	0.0131	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	363	363	mg/kg	Y		SM 2320B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	General Chemistry	Carbonate as CO3	3812-32-6	19	19	mg/kg	Y	J	SM 2320B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	General Chemistry	Chloride	16887-00-6	0.6		mg/kg	N		EPA 9056
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	General Chemistry	Hydrogen carbonate	71-52-3	344	344	mg/kg	Y		SM 2320B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N		SM 5540C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	General Chemistry	Nitrate	14797-55-8	5.757142857	5.757142857	mg/kg	Y	J+	EPA 9056
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	General Chemistry	pH	PH	9.6	9.6	SU	Y		EPA 9045D
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	General Chemistry	Sulfate	14808-79-8	54.5	54.5	mg/kg	Y	J+	EPA 9056
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	General Chemistry	Total Organic Carbon	TOC	630	630	mg/kg	Y		LLOYD KAHN
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Aluminum	7429-90-5	6890	6890	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Arsenic	7440-38-2	1.58	1.58	mg/kg	Y		EPA 6020
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Barium	7440-39-3	152	152	mg/kg	Y		EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Beryllium	7440-41-7	0.433	0.433	mg/kg	Y		EPA 6020
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Boron	7440-42-8	2.5	2.5	mg/kg	Y	J	EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Calcium	7440-70-2	16500	16500	mg/kg	Y		EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Chromium (total)	7440-47-3	6.23	6.23	mg/kg	Y		EPA 6020
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Cobalt	7440-48-4	6.9	6.9	mg/kg	Y		EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Copper	7440-50-8	16.5	16.5	mg/kg	Y		EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Iron	7439-89-6	12200	12200	mg/kg	Y		EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Lead	7439-92-1	7.5	7.5	mg/kg	Y		EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Magnesium	7439-95-4	7130	7130	mg/kg	Y	J	EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Manganese	7439-96-5	406	406	mg/kg	Y	J+	EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Mercury	7439-97-6	0.011	0.011	mg/kg	Y	J	EPA 7471
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Molybdenum	7439-98-7	0.44	0.44	mg/kg	Y		EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Nickel	7440-02-0	16.5	16.5	mg/kg	Y	J	EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Phosphorus (total)	7723-14-0	1010	1010	mg/kg	Y		EPA 365.1M
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Platinum	7440-06-4	0.009	0.009	mg/kg	Y	J	EPA 6020
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Potassium	7440-09-7	1720	1720	mg/kg	Y		EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Sodium	7440-23-5	411	411	mg/kg	Y		EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Strontium	7440-24-6	124	124	mg/kg	Y		EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Thallium	7440-28-0	0.085	0.085	mg/kg	Y		EPA 6020
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Tin	7440-31-5	4.3	4.3	mg/kg	Y	J	EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Titanium	7440-32-6	495	495	mg/kg	Y		EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Tungsten	7440-33-7	0.16	0.16	mg/kg	Y	J-	EPA 6020
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Uranium (total)	7440-61-1	0.75	0.75	mg/kg	Y		EPA 6020
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Vanadium	7440-62-2	30.9	30.9	mg/kg	Y		EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	Metals	Zinc	7440-66-6	29.4	29.4	mg/kg	Y	J	EPA 6010
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	OCPs	Hexachlorobenzene	118-74-1	0.00088		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00059		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	PAHs	Acenaphthylene	208-96-8	0.00077		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0006		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0007		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00086		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0008		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	PAHs	Fluorene	86-73-7	0.00072		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00092		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	PAHs	Naphthalene	91-20-3	0.00088		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	RAD	Radium-226	Ra-226	0.636	0.636	pCi/g	Y	J	EPA 903.1 MOD
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	RAD	Radium-228	Ra-228	0.771	0.771	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	RAD	Thorium-228	Th-228	1.68	1.68	pCi/g	Y		DOE EML HASL-300
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	RAD	Thorium-230	Th-230	1.08	1.08	pCi/g	Y		DOE EML HASL-300
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	RAD	Thorium-232	Th-232	1.63	1.63	pCi/g	Y		DOE EML HASL-300
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	RAD	Uranium-234	U-234	0.791	0.791	pCi/g	Y		DOE EML HASL-300
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	RAD	Uranium-235	U-235	0.0174		pCi/g	N		DOE EML HASL-300
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	RAD	Uranium-238	U-238	0.735	0.735	pCi/g	Y	J-	DOE EML HASL-300
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	SVOCs	1,4-Dioxane	123-91-1	0.0052		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	SVOCs	Dimethylphthalate	131-11-3	0.00093		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.035		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N	UJ	EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00073		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00032		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00016		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0007		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00052		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00074		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	1,2-Dibromoethane	106-93-4	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	1,3-Dichloropropane	142-28-9	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00058		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	2-Butanone	78-93-3	0.00074		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	2-Chlorotoluene	95-49-8	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	2-Hexanone	591-78-6	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	4-Chlorotoluene	106-43-4	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00064		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Acetone	67-64-1	0.02	0.02	mg/kg	Y	J	EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Benzene	71-43-2	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Bromobenzene	108-86-1	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Bromochloromethane	74-97-5	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Bromodichloromethane	75-27-4	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Bromoform	75-25-2	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Bromomethane	74-83-9	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Carbon tetrachloride	56-23-5	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Chlorobenzene	108-90-7	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Chloroethane	75-00-3	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Chloroform	67-66-3	0.0012	0.0012	mg/kg	Y	J	EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Chloromethane	74-87-3	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Cumene	98-82-8	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Dibromochloromethane	124-48-1	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Dibromomethane	74-95-3	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Diisopropyl ether	108-20-3	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Ethyl benzene	100-41-4	0.00086		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	m,p-Xylene	179601-23-1	0.00062		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Methylene Chloride	75-09-2	0.00067	0.00067	mg/kg	Y	J	EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	n-Butylbenzene	104-51-8	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	n-Propylbenzene	103-65-1	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	o-Xylene	95-47-6	0.00062		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	p-Cymene	99-87-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	sec-Butylbenzene	135-98-8	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Styrene	100-42-5	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	tert Butyl alcohol	75-65-0	0.0068		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	tert-Butylbenzene	98-06-6	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Tetrachloroethene	127-18-4	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Toluene	108-88-3	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Trichloroethene	79-01-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	VOCs	Vinyl chloride	75-01-4	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000025	0.000025	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000016	0.0000016	mg/kg	Y	J	EPA 8290
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000001	0.000001	mg/kg	Y	J	EPA 8290
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000056	0.0000056	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000063	0.0000063	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000015	0.00000015	mg/kg	Y	JK	EPA 8290
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000046	0.0000046	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000055	0.00000055	mg/kg	Y	J	EPA 8290
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000091	0.00000091	mg/kg	Y	JK	EPA 8290
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000052	0.00000052	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000044	0.0000044	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000032		mg/kg	N		EPA 8290
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000089	0.00000089	mg/kg	Y	JK	EPA 8290
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000021	0.0000021	mg/kg	Y	JK	EPA 8290
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000026	0.0000026	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000022	0.00000022	mg/kg	Y	J	EPA 8290
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	General Chemistry	Moisture	MOIST	5.5	5.5	percent	Y		ASTM 2216
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	OCPs	Hexachlorobenzene	118-74-1	0.032		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	PAHs	2-Methylnaphthalene	91-57-6	0.021		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	PAHs	Acenaphthylene	208-96-8	0.019		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	PAHs	Anthracene	120-12-7	0.019		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	PAHs	Benzo(a)anthracene	56-55-3	0.022		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	PAHs	Benzo(a)pyrene	50-32-8	0.022		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.029		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.018		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.044		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	PAHs	Chrysene	218-01-9	0.03		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	PAHs	Fluoranthene	206-44-0	0.04		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	PAHs	Fluorene	86-73-7	0.02		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	PAHs	Naphthalene	91-20-3	0.034		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	PAHs	Phenanthrene	85-01-8	0.019		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	SVOCs	1,4-Dioxane	123-91-1	0.073		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.051		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.047		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	SVOCs	Diethylphthalate	84-66-2	0.029		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.032		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	SVOCs	Octachlorostyrene	29082-74-4	0.063		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000031	0.000031	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000025	0.0000025	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000011	0.000011	mg/kg	Y	J	EPA 8290
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000079	0.00000079	mg/kg	Y	J	EPA 8290
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000046	0.0000046	mg/kg	Y	J	EPA 8290
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000035	0.0000035	mg/kg	Y	J	EPA 8290
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000036		mg/kg	N		EPA 8290
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000029	0.0000029	mg/kg	Y	J	EPA 8290
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000035	0.00000035	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000005	0.0000005	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000003	0.0000003	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000021	0.0000021	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000004		mg/kg	N		EPA 8290
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000086	0.00000086	mg/kg	Y		EPA 8290
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000001	0.000001	mg/kg	Y	J	EPA 8290
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000017	0.0000017	mg/kg	Y	J	EPA 8290
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000022		mg/kg	N	UJ	EPA 8290
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	General Chemistry	Moisture	MOIST	5.9	5.9	percent	Y		ASTM 2216
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	OCPs	Hexachlorobenzene	118-74-1	0.0057	0.0057	mg/kg	Y	J	EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Chlorine Oxyanions	Chlorate	14866-68-3	18.4	18.4	mg/kg	Y		EPA 300.1
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	107	107	mg/kg	Y		EPA 314.0
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00185	0.00185	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000648	0.0000648	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000715	0.000715	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000558	0.0000558	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000339	0.000339	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000313	0.000313	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000585	0.00000585	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000197	0.000197	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000146	0.0000146	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000253	0.0000253	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000155	0.0000155	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000144	0.000144	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000101	0.0000101	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000109	0.000109	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000067	0.000067	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000075	0.000075	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000026	0.0000026	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	HpCDD (total)	37871-00-4	0.0000913	0.0000913	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	HpCDF (total)	38998-75-3	0.00153	0.00153	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	HxCDD (total)	34465-46-8	0.000108	0.000108	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	HxCDF (total)	55684-94-1	0.00149	0.00149	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	PeCDD (total)	36088-22-9	0.000116	0.000116	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	PeCDF (total)	30402-15-4	0.00131	0.00131	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	TCDD (total)	41903-57-5	0.0000891	0.0000891	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Dioxins	TCDF (total)	30402-14-3	0.00111	0.00111	mg/kg	Y		EPA 8290
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	273	273	mg/kg	Y	J-	SM 2320B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Chloride	16887-00-6	623	623	mg/kg	Y	J	EPA 9056
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Cyanide (total)	57-12-5	0.5		mg/kg	N		EPA 9012A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Hydrogen carbonate	71-52-3	270	270	mg/kg	Y		SM 2320B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N		SM 5540C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Moisture	MOIST	4.6	4.6	percent	Y		EPA 3550C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Nitrate	14797-55-8	254.2	254.2	mg/kg	Y	J	EPA 9056
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	pH	PH	8.45	8.45	SU	Y		EPA 9045D
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Sulfate	14808-79-8	645	645	mg/kg	Y	J	EPA 9056
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	General Chemistry	Total Organic Carbon	TOC	990	990	mg/kg	Y	J-	LLOYD KAHN
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Aluminum	7429-90-5	9710	9710	mg/kg	Y		EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N		EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Arsenic	7440-38-2	2.3	2.3	mg/kg	Y		EPA 6020
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Barium	7440-39-3	229	229	mg/kg	Y		EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Beryllium	7440-41-7	0.503	0.503	mg/kg	Y		EPA 6020
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Boron	7440-42-8	8	8	mg/kg	Y	J	EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Calcium	7440-70-2	21000	21000	mg/kg	Y		EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Chromium (total)	7440-47-3	8.93	8.93	mg/kg	Y		EPA 6020
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Chromium VI	18540-29-9	0.18		mg/kg	N		EPA 7199
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Cobalt	7440-48-4	7.8	7.8	mg/kg	Y		EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Copper	7440-50-8	17.5	17.5	mg/kg	Y		EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Iron	7439-89-6	18300	18300	mg/kg	Y		EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Lead	7439-92-1	18.9	18.9	mg/kg	Y		EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Magnesium	7439-95-4	8940	8940	mg/kg	Y		EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Manganese	7439-96-5	577	577	mg/kg	Y		EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Mercury	7439-97-6	0.043	0.043	mg/kg	Y		EPA 7471
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Molybdenum	7439-98-7	0.79	0.79	mg/kg	Y		EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Nickel	7440-02-0	16.2	16.2	mg/kg	Y		EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Phosphorus (total)	7723-14-0	749	749	mg/kg	Y		EPA 365.1M
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Platinum	7440-06-4	0.01	0.01	mg/kg	Y	J	EPA 6020
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Potassium	7440-09-7	3170	3170	mg/kg	Y		EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Silver	7440-22-4	0.3	0.3	mg/kg	Y	J	EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Sodium	7440-23-5	1420	1420	mg/kg	Y		EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Strontium	7440-24-6	155	155	mg/kg	Y		EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Thallium	7440-28-0	0.164	0.164	mg/kg	Y		EPA 6020
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Tin	7440-31-5	4.9	4.9	mg/kg	Y	J	EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Titanium	7440-32-6	979	979	mg/kg	Y		EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Tungsten	7440-33-7	0.24	0.24	mg/kg	Y		EPA 6020
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Uranium (total)	7440-61-1	0.759	0.759	mg/kg	Y		EPA 6020
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Vanadium	7440-62-2	52.2	52.2	mg/kg	Y		EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Metals	Zinc	7440-66-6	40.7	40.7	mg/kg	Y		EPA 6010
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	4,4'-DDD	72-54-8	0.018		mg/kg	N		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	4,4'-DDE	72-55-9	0.048	0.048	mg/kg	Y		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	4,4'-DDT	50-29-3	0.018		mg/kg	N		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	Aldrin	309-00-2	0.0088		mg/kg	N		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	alpha-BHC	319-84-6	0.0088		mg/kg	N		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	alpha-Chlordane	5103-71-9	0.0088		mg/kg	N		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	beta-BHC	319-85-7	0.091	0.091	mg/kg	Y		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	Chlordane (total)	57-74-9	0.044		mg/kg	N		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	delta-BHC	319-86-8	0.0088		mg/kg	N		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	Dieldrin	60-57-1	0.018		mg/kg	N		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	Endosulfan I	959-98-8	0.0088		mg/kg	N		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	Endosulfan II	33213-65-9	0.018		mg/kg	N		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	Endosulfan sulfate	1031-07-8	0.018		mg/kg	N		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	Endrin	72-20-8	0.018		mg/kg	N		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	Endrin aldehyde	7421-93-4	0.018		mg/kg	N		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	Endrin ketone	53494-70-5	0.018		mg/kg	N		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	gamma-BHC	58-89-9	0.0088		mg/kg	N		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	gamma-Chlordane	5103-74-2	0.0088		mg/kg	N		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	Heptachlor	76-44-8	0.0088		mg/kg	N		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	Heptachlor epoxide	1024-57-3	0.0088		mg/kg	N		EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	Hexachlorobenzene	118-74-1	0.057	0.057	mg/kg	Y		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	Methoxychlor	72-43-5	0.088		mg/kg	N		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	Toxaphene	8001-35-2	0.18		mg/kg	N		EPA 8081
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Chlorpyrifos	2921-88-2	0.0068		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Coumaphos	56-72-4	0.0029		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Dasanit	115-90-2	0.0085		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Demeton-O	298-03-3	0.0055		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Demeton-S	126-75-0	0.0051		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Diazinon	333-41-5	0.0076		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Dichlorovos	62-73-7	0.0078		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Dimethoate	60-51-5	0.0074		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Disulfoton	298-04-4	0.0081		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	EPN	2104-64-5	0.0039		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Ethoprop	13194-48-4	0.0052		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Famphur	52-85-7	0.0034		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Fenthion	55-38-9	0.0092		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Guthion	86-50-0	0.0037		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Malathion	121-75-5	0.0049		mg/kg	N	UJ	EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Merphos	150-50-5	0.0054		mg/kg	N	UJ	EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Methyl parathion	298-00-0	0.0067		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Mevinphos	7786-34-7	0.0048		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Naled	300-76-5	0.024		mg/kg	N	UJ	EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Parathion	56-38-2	0.0055		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Phorate	298-02-2	0.006		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Prothiophos	34643-46-4	0.0041		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Ronnel	299-84-3	0.016		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Stirophos	22248-79-9	0.0046		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Sulfotepp	3689-24-5	0.0066		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Sulprofos	35400-43-2	0.0044		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Thionazin	297-97-2	0.0058		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OPPs	Trichloronate	327-98-0	0.0065		mg/kg	N		EPA 8141A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Organics	4-Chlorobenzenesulfonic acid	98-66-8	0.25		mg/kg	N		HPLC-UV
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Organics	Benzenesulfonic acid	98-11-3	0.25		mg/kg	N		HPLC-UV
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Organics	Diethylphosphorodithioate	298-06-6	0.25		mg/kg	N		HPLC-UV
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Organics	o,o-Dimethyl Phosphorodithioate	756-80-9	1.3		mg/kg	N		HPLC-UV
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	Organics	Phthalic acid	88-99-3	0.25		mg/kg	N		HPLC-UV
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00058		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	PAHs	Acenaphthylene	208-96-8	0.00076		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00059		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00069		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00085		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	PAHs	Chrysene	218-01-9	0.0028	0.0028	mg/kg	Y	J	EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00079		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	PAHs	Fluoranthene	206-44-0	0.0017	0.0017	mg/kg	Y	J	EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	PAHs	Fluorene	86-73-7	0.00071		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00091		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	PAHs	Naphthalene	91-20-3	0.00086		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	PAHs	Phenanthrene	85-01-8	0.0031	0.0031	mg/kg	Y	J	EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	PAHs	Pyrene	129-00-0	0.0017	0.0017	mg/kg	Y	J	EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	RAD	Radium-226	Ra-226	0.952	0.952	pCi/g	Y	J	EPA 903.1 MOD
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	RAD	Radium-228	Ra-228	0.922	0.922	pCi/g	Y		EPA 904.0 MOD
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	RAD	Thorium-228	Th-228	1.76	1.76	pCi/g	Y		DOE EML HASL-300
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	RAD	Thorium-230	Th-230	1.03	1.03	pCi/g	Y		DOE EML HASL-300
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	RAD	Thorium-232	Th-232	1.89	1.89	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	RAD	Uranium-234	U-234	0.874	0.874	pCi/g	Y		DOE EML HASL-300
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	RAD	Uranium-235	U-235	0.0466	0.0466	pCi/g	Y		DOE EML HASL-300
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	RAD	Uranium-238	U-238	0.779	0.779	pCi/g	Y		DOE EML HASL-300
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	SVOCs	1,4-Dioxane	123-91-1	0.0051		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	SVOCs	Dimethylphthalate	131-11-3	0.00091		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.034		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.0008		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	SVOCs	Octachlorostyrene	29082-74-4	0.008	0.008	mg/kg	Y	J	EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00023		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00018		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00077		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00082		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00074		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00063		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	2,2-Dichloropropane	594-20-7	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	2-Butanone	78-93-3	0.00082		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	2-Chlorotoluene	95-49-8	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	2-Hexanone	591-78-6	0.00075		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	4-Chlorotoluene	106-43-4	0.00058		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.0007		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Acetone	67-64-1	0.0071	0.0071	mg/kg	Y	J	EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Benzene	71-43-2	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Bromobenzene	108-86-1	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Bromochloromethane	74-97-5	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Bromodichloromethane	75-27-4	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Bromoform	75-25-2	0.00045		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Bromomethane	74-83-9	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Carbon tetrachloride	56-23-5	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Chlorobenzene	108-90-7	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Chloroethane	75-00-3	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Chloroform	67-66-3	0.00069	0.00069	mg/kg	Y	J	EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Chloromethane	74-87-3	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Cumene	98-82-8	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Dibromochloromethane	124-48-1	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Dibromomethane	74-95-3	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00056		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Diisopropyl ether	108-20-3	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Ethyl benzene	100-41-4	0.00094		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Formaldehyde	50-00-0	0.089	0.089	mg/kg	Y	J	EPA 8315A
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	m,p-Xylene	179601-23-1	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Methylene Chloride	75-09-2	0.003	0.003	mg/kg	Y	J	EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	n-Butylbenzene	104-51-8	0.00062		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	n-Propylbenzene	103-65-1	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	o-Xylene	95-47-6	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	p-Cymene	99-87-6	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	sec-Butylbenzene	135-98-8	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Styrene	100-42-5	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00012		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	tert Butyl alcohol	75-65-0	0.0075		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	tert-Butylbenzene	98-06-6	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Tetrachloroethene	127-18-4	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Toluene	108-88-3	0.0013	0.0013	mg/kg	Y	J	EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Trichloroethene	79-01-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	VOCs	Vinyl chloride	75-01-4	0.00025		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Chlorine Oxyanions	Chlorate	14866-68-3	0.165		mg/kg	N		EPA 300.1
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Chlorine Oxyanions	Perchlorate	14797-73-0	2.84	2.84	mg/kg	Y		EPA 314.0
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00438	0.00438	mg/kg	Y	J	EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000519	0.000519	mg/kg	Y	J	EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00111	0.00111	mg/kg	Y	J	EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000236	0.000236	mg/kg	Y		EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000603	0.000603	mg/kg	Y	J	EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000909	0.000909	mg/kg	Y	J	EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000359	0.0000359	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000383	0.000383	mg/kg	Y		EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000539	0.0000539	mg/kg	Y		EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000512	0.0000512	mg/kg	Y		EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00005	0.00005	mg/kg	Y		EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000445	0.000445	mg/kg	Y		EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000405	0.0000405	mg/kg	Y		EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000195	0.000195	mg/kg	Y		EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000177	0.000177	mg/kg	Y		EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00045	0.00045	mg/kg	Y		EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000166	0.0000166	mg/kg	Y		EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	HpCDD (total)	37871-00-4	0.000323	0.000323	mg/kg	Y		EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	HpCDF (total)	38998-75-3	0.00244	0.00244	mg/kg	Y		EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	HxCDD (total)	34465-46-8	0.000269	0.000269	mg/kg	Y		EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	HxCDF (total)	55684-94-1	0.00272	0.00272	mg/kg	Y		EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	PeCDD (total)	36088-22-9	0.0002	0.0002	mg/kg	Y		EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	PeCDF (total)	30402-15-4	0.00221	0.00221	mg/kg	Y		EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	TCDD (total)	41903-57-5	0.000152	0.000152	mg/kg	Y		EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Dioxins	TCDF (total)	30402-14-3	0.00193	0.00193	mg/kg	Y		EPA 8290
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	General Chemistry	Alkalinity (as CaCO3)	ALKA	487	487	mg/kg	Y	J-	SM 2320B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	General Chemistry	Ammonia	7664-41-7	0.412196235		mg/kg	N		EPA 350.1 MOD
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	General Chemistry	Bromide	24959-67-9	0.385		mg/kg	N		EPA 9056
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	General Chemistry	Carbonate as CO3	3812-32-6	252	252	mg/kg	Y		SM 2320B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	General Chemistry	Chloride	16887-00-6	4.69		mg/kg	N		EPA 9056
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	General Chemistry	Cyanide (total)	57-12-5	0.218		mg/kg	N		EPA 9012A
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	General Chemistry	Hydrogen carbonate	71-52-3	235	235	mg/kg	Y		SM 2320B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	General Chemistry	Methylene Blue Active Substances	MBAS	2.13		mg/kg	N		SM 5540C
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	General Chemistry	Nitrate	14797-55-8	1.589857143		mg/kg	N		EPA 9056
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	General Chemistry	Nitrite	14797-65-0	0.001		mg/kg	N		EPA 9056
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	General Chemistry	pH	PH	9.38	9.38	SU	Y		EPA 9045C
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	General Chemistry	Sulfate	14808-79-8	97.7	97.7	mg/kg	Y		EPA 9056
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	General Chemistry	Total Organic Carbon	TOC	1940	1940	mg/kg	Y	J	LLOYD KAHN
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Aluminum	7429-90-5	8070	8070	mg/kg	Y		EPA 6010B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Antimony	7440-36-0	0.17	0.17	mg/kg	Y	J-	EPA 6020
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Arsenic	7440-38-2	1.93	1.93	mg/kg	Y		EPA 6020
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Barium	7440-39-3	124	124	mg/kg	Y		EPA 6010B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Beryllium	7440-41-7	0.409	0.409	mg/kg	Y		EPA 6020
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Boron	7440-42-8	5.2	5.2	mg/kg	Y		EPA 6010B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Cadmium	7440-43-9	0.088	0.088	mg/kg	Y		EPA 6020
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Calcium	7440-70-2	35000	35000	mg/kg	Y		EPA 6010B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Chromium (total)	7440-47-3	5.12	5.12	mg/kg	Y		EPA 6020
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Chromium VI	18540-29-9	0.101		mg/kg	N		EPA 7199
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Cobalt	7440-48-4	7.49	7.49	mg/kg	Y	J	EPA 6010B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Copper	7440-50-8	20.7	20.7	mg/kg	Y		EPA 6010B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Iron	7439-89-6	17200	17200	mg/kg	Y		EPA 6010B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Lead	7439-92-1	4.82	4.82	mg/kg	Y		EPA 6020
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Magnesium	7439-95-4	10500	10500	mg/kg	Y		EPA 6010B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Manganese	7439-96-5	310	310	mg/kg	Y		EPA 6010B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Mercury	7439-97-6	0.009	0.009	mg/kg	Y	J	EPA 7471A
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Molybdenum	7439-98-7	0.25	0.25	mg/kg	Y		EPA 6020
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Nickel	7440-02-0	10.6	10.6	mg/kg	Y		EPA 6020
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Phosphorus (total)	7723-14-0	839	839	mg/kg	Y		EPA 365.1
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Platinum	7440-06-4	0.023		mg/kg	N		EPA 6020
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Potassium	7440-09-7	2190	2190	mg/kg	Y		EPA 6010B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Selenium	7782-49-2	0.9		mg/kg	N		EPA 6020
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Silver	7440-22-4	0.046	0.046	mg/kg	Y		EPA 6020
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Sodium	7440-23-5	585	585	mg/kg	Y		EPA 6010B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Strontium	7440-24-6	180	180	mg/kg	Y		EPA 6010B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Thallium	7440-28-0	0.06	0.06	mg/kg	Y		EPA 6020
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Tin	7440-31-5	2.7	2.7	mg/kg	Y	J	EPA 6010B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Titanium	7440-32-6	811	811	mg/kg	Y		EPA 6010B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Tungsten	7440-33-7	0.32	0.32	mg/kg	Y	J-	EPA 6020
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Uranium (total)	7440-61-1	0.83	0.83	mg/kg	Y		EPA 6020
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Vanadium	7440-62-2	41.7	41.7	mg/kg	Y		EPA 6010B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	Metals	Zinc	7440-66-6	30.5	30.5	mg/kg	Y	J	EPA 6010B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	4,4'-DDD	72-54-8	0.00019		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	4,4'-DDE	72-55-9	0.000078		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	4,4'-DDT	50-29-3	0.00017		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	Aldrin	309-00-2	0.00007		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	alpha-BHC	319-84-6	0.00031		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	alpha-Chlordane	5103-71-9	0.00015		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	beta-BHC	319-85-7	0.00025		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	Chlordane (total)	57-74-9	0.0019		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	delta-BHC	319-86-8	0.000089		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	Dieldrin	60-57-1	0.00026		mg/kg	N		EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	Endosulfan I	959-98-8	0.0001		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	Endosulfan II	33213-65-9	0.000091		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	Endosulfan sulfate	1031-07-8	0.00009		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	Endrin	72-20-8	0.00011		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	Endrin aldehyde	7421-93-4	0.00083		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	Endrin ketone	53494-70-5	0.00012		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	gamma-BHC	58-89-9	0.00012		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	gamma-Chlordane	5103-74-2	0.00012		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	Heptachlor	76-44-8	0.000088		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	Heptachlor epoxide	1024-57-3	0.00011		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	Hexachlorobenzene	118-74-1	0.00048		mg/kg	N	UJ	EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	Methoxychlor	72-43-5	0.00026		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	Toxaphene	8001-35-2	0.0097		mg/kg	N		EPA 8081
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	PAHs	Naphthalene	91-20-3	0.0011		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	RAD	Radium-226	Ra-226	0.944	0.944	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	RAD	Radium-228	Ra-228	1.14	1.14	pCi/g	Y	J-	EPA 904.0 MOD
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	RAD	Thorium-228	Th-228	1.66	1.66	pCi/g	Y		DOE EML HASL-300
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	RAD	Thorium-230	Th-230	1.03	1.03	pCi/g	Y		DOE EML HASL-300
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	RAD	Thorium-232	Th-232	1.42	1.42	pCi/g	Y	J	DOE EML HASL-300
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	RAD	Uranium-234	U-234	0.883	0.883	pCi/g	Y		DOE EML HASL-300
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	RAD	Uranium-235	U-235	0.0447	0.0447	pCi/g	Y		DOE EML HASL-300
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	RAD	Uranium-238	U-238	0.76	0.76	pCi/g	Y		DOE EML HASL-300
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	SVOCs	Hexachlorobutadiene	87-68-3	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	1,1,1-Trichloroethane	71-55-6	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	1,1,2-Trichloroethane	79-00-5	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	1,1-Dichloroethane	75-34-3	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	1,1-Dichloroethene	75-35-4	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	1,1-Dichloropropene	563-58-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0011		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	1,2,3-Trichloropropane	96-18-4	0.00095		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00094		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0007		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	1,2-Dibromoethane	106-93-4	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	1,2-Dichlorobenzene	95-50-1	0.00023		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	1,2-Dichloroethane	107-06-2	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	1,2-Dichloropropane	78-87-5	0.00047		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00051		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	1,3-Dichlorobenzene	541-73-1	0.00053		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	1,3-Dichloropropane	142-28-9	0.00038		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	1,4-Dichlorobenzene	106-46-7	0.00057		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	2,2-Dichloropropane	594-20-7	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	2-Butanone	78-93-3	0.001		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	2-Chlorotoluene	95-49-8	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	2-Hexanone	591-78-6	0.00072		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	4-Chlorotoluene	106-43-4	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	4-Methyl-2-pentanone	108-10-1	0.00095		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Acetone	67-64-1	0.0065	0.0065	mg/kg	Y	J+	EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Benzene	71-43-2	0.00019		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Bromobenzene	108-86-1	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Bromochloromethane	74-97-5	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Bromodichloromethane	75-27-4	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Bromoform	75-25-2	0.00046		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Bromomethane	74-83-9	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Carbon tetrachloride	56-23-5	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Chlorobenzene	108-90-7	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Chloroethane	75-00-3	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Chloroform	67-66-3	0.00015		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Chloromethane	74-87-3	0.00044		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Cumene	98-82-8	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Dibromochloromethane	124-48-1	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Dibromomethane	74-95-3	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Dichlorodifluoromethane	75-71-8	0.00035		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Diisopropyl ether	108-20-3	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Ethyl benzene	100-41-4	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Ethyl tert-butyl ether	637-92-3	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	m,p-Xylene	179601-23-1	0.00078		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Methyl tert-butyl ether	1634-04-4	0.00019		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Methylene Chloride	75-09-2	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	n-Butylbenzene	104-51-8	0.00061		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	n-Propylbenzene	103-65-1	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	o-Xylene	95-47-6	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	p-Cymene	99-87-6	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	sec-Butylbenzene	135-98-8	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Styrene	100-42-5	0.00016		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	t-Amyl methyl ether	994-05-8	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	tert-Butylbenzene	98-06-6	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Tetrachloroethene	127-18-4	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Toluene	108-88-3	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Trichloroethene	79-01-6	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Trichlorofluoromethane	75-69-4	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	VOCs	Vinyl chloride	75-01-4	0.00068		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Chlorine Oxyanions	Chlorate	14866-68-3	1.93	1.93	mg/kg	Y		EPA 300.1
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	7.5	7.5	mg/kg	Y		EPA 314.0
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0176	0.0176	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000377	0.000377	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00641	0.00641	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000377	0.000377	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00305	0.00305	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00346	0.00346	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000539	0.0000539	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00221	0.00221	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000112	0.000112	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000266	0.000266	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00146	0.00146	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000897	0.0000897	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00123	0.00123	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000506	0.000506	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00169	0.00169	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000188	0.0000188	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	HpCDD (total)	37871-00-4	0.000584	0.000584	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	HpCDF (total)	38998-75-3	0.00834	0.00834	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	HxCDD (total)	34465-46-8	0.000782	0.000782	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	HxCDF (total)	55684-94-1	0.011	0.011	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	PeCDD (total)	36088-22-9	0.000847	0.000847	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	PeCDF (total)	30402-15-4	0.00913	0.00913	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	TCDD (total)	41903-57-5	0.000494	0.000494	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Dioxins	TCDF (total)	30402-14-3	0.00781	0.00781	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	228	228	mg/kg	Y		SM 2320B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	General Chemistry	Bromide	24959-67-9	0.4	0.4	mg/kg	Y	J	EPA 9056
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	General Chemistry	Chloride	16887-00-6	157	157	mg/kg	Y		EPA 9056
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	General Chemistry	Hydrogen carbonate	71-52-3	228	228	mg/kg	Y		SM 2320B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N		SM 5540C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	General Chemistry	Moisture	MOIST	2.6	2.6	percent	Y		EPA 3550C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	General Chemistry	Nitrate	14797-55-8	82.81428571	82.81428571	mg/kg	Y		EPA 9056
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	General Chemistry	pH	PH	8.93	8.93	SU	Y		EPA 9045D
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	General Chemistry	Sulfate	14808-79-8	859	859	mg/kg	Y		EPA 9056
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	General Chemistry	Total Organic Carbon	TOC	1530	1530	mg/kg	Y		LLOYD KAHN
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Aluminum	7429-90-5	9070	9070	mg/kg	Y		EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Arsenic	7440-38-2	2.72	2.72	mg/kg	Y		EPA 6020
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Barium	7440-39-3	192	192	mg/kg	Y		EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Beryllium	7440-41-7	0.425	0.425	mg/kg	Y		EPA 6020
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Boron	7440-42-8	21.6	21.6	mg/kg	Y		EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Calcium	7440-70-2	19400	19400	mg/kg	Y		EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Chromium (total)	7440-47-3	9.56	9.56	mg/kg	Y		EPA 6020
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Chromium VI	18540-29-9	0.31	0.31	mg/kg	Y	J	EPA 7199
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Cobalt	7440-48-4	10.7	10.7	mg/kg	Y		EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Copper	7440-50-8	24.3	24.3	mg/kg	Y		EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Iron	7439-89-6	17500	17500	mg/kg	Y		EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Lead	7439-92-1	267	267	mg/kg	Y		EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Magnesium	7439-95-4	9820	9820	mg/kg	Y		EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Manganese	7439-96-5	1340	1340	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Mercury	7439-97-6	0.054	0.054	mg/kg	Y		EPA 7471
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Molybdenum	7439-98-7	1.07	1.07	mg/kg	Y	J	EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Nickel	7440-02-0	18.9	18.9	mg/kg	Y	J	EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Phosphorus (total)	7723-14-0	1070	1070	mg/kg	Y		EPA 365.1M
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Platinum	7440-06-4	0.01		mg/kg	N		EPA 6020
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Potassium	7440-09-7	2760	2760	mg/kg	Y		EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Sodium	7440-23-5	634	634	mg/kg	Y		EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Strontium	7440-24-6	159	159	mg/kg	Y		EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Thallium	7440-28-0	0.318	0.318	mg/kg	Y		EPA 6020
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Tin	7440-31-5	4.3	4.3	mg/kg	Y	J	EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Titanium	7440-32-6	954	954	mg/kg	Y	J-	EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Tungsten	7440-33-7	0.89	0.89	mg/kg	Y	J-	EPA 6020
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Uranium (total)	7440-61-1	0.775	0.775	mg/kg	Y		EPA 6020
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Vanadium	7440-62-2	50.7	50.7	mg/kg	Y		EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Metals	Zinc	7440-66-6	46	46	mg/kg	Y	J	EPA 6010
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	4,4'-DDD	72-54-8	0.018		mg/kg	N		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	4,4'-DDE	72-55-9	0.047	0.047	mg/kg	Y		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	4,4'-DDT	50-29-3	0.035	0.035	mg/kg	Y		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	Aldrin	309-00-2	0.0087		mg/kg	N		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	alpha-BHC	319-84-6	0.0087		mg/kg	N		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	alpha-Chlordane	5103-71-9	0.0087		mg/kg	N		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	beta-BHC	319-85-7	0.04	0.04	mg/kg	Y		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	Chlordane (total)	57-74-9	0.043		mg/kg	N		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	delta-BHC	319-86-8	0.0087		mg/kg	N		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	Dieldrin	60-57-1	0.018		mg/kg	N		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	Endosulfan I	959-98-8	0.0087		mg/kg	N		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	Endosulfan II	33213-65-9	0.018		mg/kg	N		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	Endosulfan sulfate	1031-07-8	0.018		mg/kg	N		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	Endrin	72-20-8	0.018		mg/kg	N		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	Endrin aldehyde	7421-93-4	0.018		mg/kg	N		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	Endrin ketone	53494-70-5	0.018		mg/kg	N		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	gamma-BHC	58-89-9	0.0087		mg/kg	N		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	gamma-Chlordane	5103-74-2	0.0087		mg/kg	N		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	Heptachlor	76-44-8	0.0087		mg/kg	N		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	Heptachlor epoxide	1024-57-3	0.0087		mg/kg	N		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	Hexachlorobenzene	118-74-1	0.038	0.038	mg/kg	Y		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	Methoxychlor	72-43-5	0.086		mg/kg	N		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	Toxaphene	8001-35-2	0.18		mg/kg	N		EPA 8081
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Chlorpyrifos	2921-88-2	0.0066		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Coumaphos	56-72-4	0.0029		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Dasanit	115-90-2	0.0084		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Demeton-O	298-03-3	0.0054		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Demeton-S	126-75-0	0.005		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Diazinon	333-41-5	0.0075		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Dichlorovos	62-73-7	0.0076		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Dimethoate	60-51-5	0.0073		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Disulfoton	298-04-4	0.0079		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	EPN	2104-64-5	0.0038		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Ethoprop	13194-48-4	0.0051		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Famphur	52-85-7	0.0033		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Fenthion	55-38-9	0.009		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Guthion	86-50-0	0.0036		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Malathion	121-75-5	0.0048		mg/kg	N	UJ	EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Merphos	150-50-5	0.0053		mg/kg	N	UJ	EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Methyl parathion	298-00-0	0.0065		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Mevinphos	7786-34-7	0.0047		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Naled	300-76-5	0.023		mg/kg	N	UJ	EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Parathion	56-38-2	0.0054		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Phorate	298-02-2	0.0059		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Prothiophos	34643-46-4	0.004		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Ronnel	299-84-3	0.016		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Stirophos	22248-79-9	0.0045		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Sulfotepp	3689-24-5	0.0064		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Sulprofos	35400-43-2	0.0044		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Thionazin	297-97-2	0.0057		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OPPs	Trichloronate	327-98-0	0.0064		mg/kg	N		EPA 8141A
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Organics	4-Chlorobenzenesulfonic acid	98-66-8	0.25		mg/kg	N		HPLC-UV
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Organics	Benzenesulfonic acid	98-11-3	0.25		mg/kg	N		HPLC-UV
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Organics	Diethylphosphorodithioate	298-06-6	0.25		mg/kg	N		HPLC-UV
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Organics	o,o-Dimethyl Phosphorodithioate	756-80-9	1.3		mg/kg	N		HPLC-UV
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	Organics	Phthalic acid	88-99-3	0.25		mg/kg	N		HPLC-UV
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00057		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PAHs	Acenaphthylene	208-96-8	0.00075		mg/kg	N		EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PAHs	Anthracene	120-12-7	0.0012		mg/kg	N		EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0034	0.0034	mg/kg	Y	J	EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00068		mg/kg	N		EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0062	0.0062	mg/kg	Y	J	EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0076	0.0076	mg/kg	Y		EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.0041	0.0041	mg/kg	Y	J	EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PAHs	Chrysene	218-01-9	0.0096	0.0096	mg/kg	Y		EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00078		mg/kg	N		EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PAHs	Fluoranthene	206-44-0	0.0096	0.0096	mg/kg	Y		EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PAHs	Fluorene	86-73-7	0.0007		mg/kg	N		EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0062	0.0062	mg/kg	Y	J	EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PAHs	Naphthalene	91-20-3	0.001	0.001	mg/kg	Y	J	EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PAHs	Phenanthrene	85-01-8	0.0055	0.0055	mg/kg	Y	J	EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PAHs	Pyrene	129-00-0	0.0076	0.0076	mg/kg	Y		EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PCBs	Aroclor-1016	12674-11-2	0.018		mg/kg	N		EPA 8082
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PCBs	Aroclor-1221	11104-28-2	0.04		mg/kg	N		EPA 8082
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PCBs	Aroclor-1232	11141-16-5	0.018		mg/kg	N		EPA 8082
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PCBs	Aroclor-1242	53469-21-9	0.027		mg/kg	N		EPA 8082
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PCBs	Aroclor-1248	12672-29-6	0.018		mg/kg	N		EPA 8082
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PCBs	Aroclor-1254	11097-69-1	0.018		mg/kg	N		EPA 8082
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PCBs	Aroclor-1260	11096-82-5	0.031		mg/kg	N		EPA 8082
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	RAD	Radium-226	Ra-226	2.53	2.53	pCi/g	Y		EPA 903.1 MOD
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	RAD	Radium-228	Ra-228	1.07	1.07	pCi/g	Y	J	EPA 904.0 MOD
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	RAD	Thorium-228	Th-228	1.64	1.64	pCi/g	Y		DOE EML HASL-300
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	RAD	Thorium-230	Th-230	0.945	0.945	pCi/g	Y		DOE EML HASL-300
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	RAD	Thorium-232	Th-232	1.71	1.71	pCi/g	Y		DOE EML HASL-300
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	RAD	Uranium-234	U-234	0.823	0.823	pCi/g	Y		DOE EML HASL-300
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	RAD	Uranium-235	U-235	0.0548	0.0548	pCi/g	Y		DOE EML HASL-300
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	RAD	Uranium-238	U-238	0.868	0.868	pCi/g	Y		DOE EML HASL-300
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	SVOCs	1,4-Dioxane	123-91-1	0.005		mg/kg	N		EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.13		mg/kg	N		EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	SVOCs	Dimethylphthalate	131-11-3	0.0009		mg/kg	N		EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.097	0.097	mg/kg	Y	J	EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00069		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	SVOCs	Octachlorostyrene	29082-74-4	0.013	0.013	mg/kg	Y	J	EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	SVOCs	Pyridine	110-86-1	0.027		mg/kg	N		EPA 8270C
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	TPH	Oil Range Organics	TPH-MOTOR	41		mg/kg	N		EPA 8015B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	41		mg/kg	N		EPA 8015B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	4.9		mg/kg	N		EPA 8015B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00015		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	1,1-Dichloroethene	75-35-4	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00066		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00049		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0007		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00034		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00064		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00032		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00024		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00027		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00045		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00055		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	2-Butanone	78-93-3	0.0007		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	2-Chlorotoluene	95-49-8	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	2-Hexanone	591-78-6	0.00065		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	4-Chlorotoluene	106-43-4	0.0005		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.0006		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Acetone	67-64-1	0.0042	0.0042	mg/kg	Y	J	EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Benzene	71-43-2	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Bromobenzene	108-86-1	0.00028		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Bromochloromethane	74-97-5	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Bromodichloromethane	75-27-4	0.0002		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Bromoform	75-25-2	0.00039		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Bromomethane	74-83-9	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Carbon tetrachloride	56-23-5	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Chlorobenzene	108-90-7	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Chloroethane	75-00-3	0.0004		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Chloroform	67-66-3	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Chloromethane	74-87-3	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00028		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Cumene	98-82-8	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Dibromochloromethane	124-48-1	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Dibromomethane	74-95-3	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00048		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Diisopropyl ether	108-20-3	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Ethyl benzene	100-41-4	0.00081		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	m,p-Xylene	179601-23-1	0.00058		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00021		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Methylene Chloride	75-09-2	0.0028	0.0028	mg/kg	Y	J	EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	n-Butylbenzene	104-51-8	0.00054		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	n-Propylbenzene	103-65-1	0.00036		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	o-Xylene	95-47-6	0.00058		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	p-Cymene	99-87-6	0.00041		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	sec-Butylbenzene	135-98-8	0.00042		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Styrene	100-42-5	0.00026		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	tert Butyl alcohol	75-65-0	0.0065		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	tert-Butylbenzene	98-06-6	0.0003		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Tetrachloroethene	127-18-4	0.00045		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Toluene	108-88-3	0.0008	0.0008	mg/kg	Y	J	EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00029		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00033		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Trichloroethene	79-01-6	0.00037		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00031		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	VOCs	Vinyl chloride	75-01-4	0.00022		mg/kg	N		EPA 8260B
DU-1	SA-92	SA92-1.5BR	0-0.5	N	--	12/15/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000021	0.000021	mg/kg	Y	J	EPA 8290
DU-1	SA-92	SA92-1.5BR	0-0.5	N	--	12/15/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000001	0.000001	mg/kg	Y	J	EPA 8290
DU-1	SA-92	SA92-1.5BR	0-0.5	N	--	12/15/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000009	0.000009	mg/kg	Y	J	EPA 8290
DU-1	SA-92	SA92-1.5BR	0-0.5	N	--	12/15/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000054	0.00000054	mg/kg	Y	J	EPA 8290
DU-1	SA-92	SA92-1.5BR	0-0.5	N	--	12/15/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000045	0.0000045	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-1.5BR	0-0.5	N	--	12/15/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000003	0.000003	mg/kg	Y	J	EPA 8290
DU-1	SA-92	SA92-1.5BR	0-0.5	N	--	12/15/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000033		mg/kg	N		EPA 8290
DU-1	SA-92	SA92-1.5BR	0-0.5	N	--	12/15/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000021	0.0000021	mg/kg	Y	J	EPA 8290
DU-1	SA-92	SA92-1.5BR	0-0.5	N	--	12/15/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000026		mg/kg	N		EPA 8290
DU-1	SA-92	SA92-1.5BR	0-0.5	N	--	12/15/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000038		mg/kg	N		EPA 8290
DU-1	SA-92	SA92-1.5BR	0-0.5	N	--	12/15/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000024		mg/kg	N		EPA 8290
DU-1	SA-92	SA92-1.5BR	0-0.5	N	--	12/15/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000001	0.000001	mg/kg	Y	J	EPA 8290
DU-1	SA-92	SA92-1.5BR	0-0.5	N	--	12/15/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000026		mg/kg	N		EPA 8290
DU-1	SA-92	SA92-1.5BR	0-0.5	N	--	12/15/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000058	0.00000058	mg/kg	Y	J	EPA 8290
DU-1	SA-92	SA92-1.5BR	0-0.5	N	--	12/15/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000086	0.00000086	mg/kg	Y	J	EPA 8290
DU-1	SA-92	SA92-1.5BR	0-0.5	N	--	12/15/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000015	0.0000015	mg/kg	Y	J	EPA 8290
DU-1	SA-92	SA92-1.5BR	0-0.5	N	--	12/15/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000014		mg/kg	N	UJ	EPA 8290
DU-1	SA-92	SA92-1.5BR	0-0.5	N	--	12/15/2009	General Chemistry	Moisture	MOIST	6.4	6.4	percent	Y		ASTM 2216
DU-1	SA-92	SA92-1BR	0-0	N	--	12/15/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000069	0.000069	mg/kg	Y	J	EPA 8290
DU-1	SA-92	SA92-1BR	0-0	N	--	12/15/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000025	0.0000025	mg/kg	Y	J	EPA 8290
DU-1	SA-92	SA92-1BR	0-0	N	--	12/15/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000023	0.000023	mg/kg	Y	J	EPA 8290
DU-1	SA-92	SA92-1BR	0-0	N	--	12/15/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000021	0.0000021	mg/kg	Y	J	EPA 8290
DU-1	SA-92	SA92-1BR	0-0	N	--	12/15/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00001	0.00001	mg/kg	Y	J	EPA 8290
DU-1	SA-92	SA92-1BR	0-0	N	--	12/15/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000087	0.0000087	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-1BR	0-0	N	--	12/15/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000026		mg/kg	N		EPA 8290
DU-1	SA-92	SA92-1BR	0-0	N	--	12/15/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000066	0.0000066	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-1BR	0-0	N	--	12/15/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000047	0.00000047	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-1BR	0-0	N	--	12/15/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000001	0.000001	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-1BR	0-0	N	--	12/15/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000033	0.00000033	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-1BR	0-0	N	--	12/15/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000054	0.0000054	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-1BR	0-0	N	--	12/15/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000035		mg/kg	N		EPA 8290
DU-1	SA-92	SA92-1BR	0-0	N	--	12/15/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000019	0.0000019	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-1BR	0-0	N	--	12/15/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000029	0.0000029	mg/kg	Y		EPA 8290
DU-1	SA-92	SA92-1BR	0-0	N	--	12/15/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000043	0.0000043	mg/kg	Y	J	EPA 8290
DU-1	SA-92	SA92-1BR	0-0	N	--	12/15/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000017		mg/kg	N	UJ	EPA 8290
DU-1	SA-92	SA92-1BR	0-0	N	--	12/15/2009	General Chemistry	Moisture	MOIST	4.5	4.5	percent	Y		ASTM 2216
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0019	0.0019	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000058	0.000058	mg/kg	Y	J	EPA 8290
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00096	0.00096	mg/kg	Y	J	EPA 8290
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00007	0.00007	mg/kg	Y	J	EPA 8290
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00045	0.00045	mg/kg	Y	J	EPA 8290
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00044	0.00044	mg/kg	Y		EPA 8290
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00033	0.00033	mg/kg	Y		EPA 8290
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000026	0.000026	mg/kg	Y		EPA 8290
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000065	0.000065	mg/kg	Y		EPA 8290
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000015	0.000015	mg/kg	Y		EPA 8290
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0003	0.0003	mg/kg	Y		EPA 8290
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000019	0.000019	mg/kg	Y		EPA 8290
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000087	0.000087	mg/kg	Y		EPA 8290
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00015	0.00015	mg/kg	Y		EPA 8290
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000047	0.0000047	mg/kg	Y		EPA 8290
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	General Chemistry	Moisture	MOIST	4.1	4.1	percent	Y		ASTM 2216
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	OCPs	Hexachlorobenzene	118-74-1	0.033		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	PAHs	2-Methylnaphthalene	91-57-6	0.022		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	PAHs	Acenaphthene	83-32-9	0.012		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	PAHs	Acenaphthylene	208-96-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	PAHs	Anthracene	120-12-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	PAHs	Benzo(a)anthracene	56-55-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	PAHs	Benzo(a)pyrene	50-32-8	0.023		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.03		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.018		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.045		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	PAHs	Chrysene	218-01-9	0.031		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	PAHs	Fluoranthene	206-44-0	0.041		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	PAHs	Fluorene	86-73-7	0.02		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.025		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	PAHs	Naphthalene	91-20-3	0.035		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	PAHs	Phenanthrene	85-01-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	PAHs	Pyrene	129-00-0	0.014		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	SVOCs	1,4-Dioxane	123-91-1	0.075		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.052		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.049		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	SVOCs	Diethylphthalate	84-66-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	SVOCs	Dimethylphthalate	131-11-3	0.026		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.033		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	SVOCs	Nitrobenzene	98-95-3	0.025		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	SVOCs	Octachlorostyrene	29082-74-4	0.065		mg/kg	N		EPA 8270C
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	0.016	0.016	mg/kg	Y		EPA 314.0
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000005	0.0000005	mg/kg	Y	JK	EPA 8290
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000078	0.0000078	mg/kg	Y		EPA 8290
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00000028	0.00000028	mg/kg	Y	J	EPA 8290
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000061	0.00000061	mg/kg	Y	JK	EPA 8290
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000015		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000001		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000099		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000000097		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000000092		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000001		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000082		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000000077		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000087		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000000099		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000000085		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000000065		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000049		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	General Chemistry	Moisture	MOIST	6	6	percent	Y		ASTM 2216
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	General Chemistry	Moisture	MOIST	6.5	6.5	percent	Y		ASTM 2216
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	General Chemistry	Total Solids	RESTOT	93	93	percent	Y		ASTM 2216
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	Metals	Arsenic	7440-38-2	3.5	3.5	mg/kg	Y		EPA 6020
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	4,4'-DDD	72-54-8	0.00057		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	4,4'-DDE	72-55-9	0.00025		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	4,4'-DDT	50-29-3	0.00062		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	Aldrin	309-00-2	0.00026		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	alpha-BHC	319-84-6	0.00022		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	alpha-Chlordane	5103-71-9	0.00034		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	beta-BHC	319-85-7	0.00069		mg/kg	N		EPA 8081A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	Chlordane (total)	57-74-9	0.00022		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	delta-BHC	319-86-8	0.00042		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	Dieldrin	60-57-1	0.00022		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	Endosulfan I	959-98-8	0.00018		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	Endosulfan II	33213-65-9	0.0003		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	Endosulfan sulfate	1031-07-8	0.00029		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	Endrin	72-20-8	0.00032		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	Endrin aldehyde	7421-93-4	0.00018		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	Endrin ketone	53494-70-5	0.00051		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	gamma-BHC	58-89-9	0.00049		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	gamma-Chlordane	5103-74-2	0.00028		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	Heptachlor	76-44-8	0.00022		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	Heptachlor epoxide	1024-57-3	0.00045		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	Hexachlorobenzene	118-74-1	0.00029		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	Methoxychlor	72-43-5	0.00047		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	Toxaphene	8001-35-2	0.017		mg/kg	N		EPA 8081A
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.042		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	PAHs	Fluoranthene	206-44-0	0.038		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	PAHs	Naphthalene	91-20-3	0.033		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	SVOCs	1,4-Dioxane	123-91-1	0.069		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.048		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.045		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	SVOCs	Octachlorostyrene	29082-74-4	0.06		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00000042	0.00000042	mg/kg	Y	J	EPA 8290
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000012	0.0000012	mg/kg	Y	J	EPA 8290
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00000017	0.00000017	mg/kg	Y	JK	EPA 8290
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000018	0.00000018	mg/kg	Y	JK	EPA 8290
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000000099		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000012		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000072		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000011		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000000089	0.000000089	mg/kg	Y	JK	EPA 8290
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000012		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000016	0.00000016	mg/kg	Y	JK	EPA 8290
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000000082		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000012		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000012		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000009		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000000075	0.000000075	mg/kg	Y	J	EPA 8290
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000045		mg/kg	N		EPA 8290
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	General Chemistry	Moisture	MOIST	7.4	7.4	percent	Y		ASTM 2216
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	General Chemistry	Moisture	MOIST	5.2	5.2	percent	Y		ASTM 2216
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	General Chemistry	Total Solids	RESTOT	93	93	percent	Y		ASTM 2216
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	OCPs	Hexachlorobenzene	118-74-1	0.031		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.042		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	PAHs	Fluoranthene	206-44-0	0.038		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	PAHs	Naphthalene	91-20-3	0.033		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	SVOCs	1,4-Dioxane	123-91-1	0.07		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.049		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.046		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	SVOCs	Octachlorostyrene	29082-74-4	0.061		mg/kg	N		EPA 8270C
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	0.81	0.81	mg/kg	Y	J+	EPA 314.0
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00041	0.00041	mg/kg	Y	J	EPA 8290
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00001	0.00001	mg/kg	Y	J	EPA 8290
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00015	0.00015	mg/kg	Y		EPA 8290
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00007	0.00007	mg/kg	Y		EPA 8290
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000058	0.000058	mg/kg	Y		EPA 8290
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000014	0.0000014	mg/kg	Y	J	EPA 8290
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000043	0.000043	mg/kg	Y		EPA 8290
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000032	0.0000032	mg/kg	Y		EPA 8290
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000076	0.0000076	mg/kg	Y		EPA 8290
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000023	0.0000023	mg/kg	Y	J	EPA 8290
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00003	0.00003	mg/kg	Y		EPA 8290
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000002	0.000002	mg/kg	Y	J	EPA 8290
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00001	0.00001	mg/kg	Y		EPA 8290
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000006	0.0000006	mg/kg	Y		EPA 8290
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	General Chemistry	Moisture	MOIST	6	6	percent	Y		ASTM 2216
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	General Chemistry	Moisture	MOIST	9.1	9.1	percent	Y		ASTM 2216
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	General Chemistry	Moisture	MOIST	8	8	percent	Y		ASTM 2216
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	General Chemistry	Total Solids	RESTOT	92	92	percent	Y		ASTM 2216
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	General Chemistry	Total Solids	RESTOT	91	91	percent	Y		ASTM 2216
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	OCPs	Hexachlorobenzene	118-74-1	0.041	0.041	mg/kg	Y	J	EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	PAHs	2-Methylnaphthalene	91-57-6	0.021		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	PAHs	Acenaphthylene	208-96-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	PAHs	Anthracene	120-12-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	PAHs	Benzo(a)anthracene	56-55-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	PAHs	Benzo(a)pyrene	50-32-8	0.022		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.044		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	PAHs	Fluoranthene	206-44-0	0.039		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	PAHs	Fluorene	86-73-7	0.02		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	PAHs	Naphthalene	91-20-3	0.034		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	PAHs	Phenanthrene	85-01-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	SVOCs	1,4-Dioxane	123-91-1	0.072		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.12	0.12	mg/kg	Y	J	EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.047		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	SVOCs	Dimethylphthalate	131-11-3	0.16	0.16	mg/kg	Y	J	EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.032		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	SVOCs	Octachlorostyrene	29082-74-4	0.062		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAI3-07	SSAI3-07-10BPC_FD	0-0	FD	SSAI3-07-10BPC	8/10/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	0.78	0.78	mg/kg	Y	J+	EPA 314.0
DU-1	SSAI3-07	SSAI3-07-10BPC_FD	0-0	FD	SSAI3-07-10BPC	8/10/2010	General Chemistry	Moisture	MOIST	7.8	7.8	percent	Y		ASTM 2216
DU-1	SSAI3-07	SSAI3-07-10BPC_FD	0-0	FD	SSAI3-07-10BPC	8/10/2010	General Chemistry	Total Solids	RESTOT	92	92	percent	Y		ASTM 2216
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	OCPs	Hexachlorobenzene	118-74-1	0.76	0.76	mg/kg	Y		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	PAHs	2-Methylnaphthalene	91-57-6	0.021		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	PAHs	Benzo(a)anthracene	56-55-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	PAHs	Benzo(a)pyrene	50-32-8	0.022		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.043		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	PAHs	Fluoranthene	206-44-0	0.039		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	PAHs	Naphthalene	91-20-3	0.034		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	SVOCs	1,4-Dioxane	123-91-1	0.071		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.05		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.046		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	SVOCs	Dimethylphthalate	131-11-3	0.034	0.034	mg/kg	Y	J	EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	SVOCs	Octachlorostyrene	29082-74-4	0.16	0.16	mg/kg	Y	J	EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	18	18	mg/kg	Y		EPA 314.0
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	Metals	Arsenic	7440-38-2	4.9	4.9	mg/kg	Y		EPA 6020
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	OCPs	Hexachlorobenzene	118-74-1	0.092	0.092	mg/kg	Y	J	EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	PAHs	2-Methylnaphthalene	91-57-6	0.021		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	PAHs	Benzo(a)anthracene	56-55-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	PAHs	Benzo(a)pyrene	50-32-8	0.022		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.043		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	PAHs	Fluoranthene	206-44-0	0.039		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	PAHs	Fluorene	86-73-7	0.02		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	PAHs	Naphthalene	91-20-3	0.034		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	SVOCs	1,4-Dioxane	123-91-1	0.072		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.05		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.047		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.032		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	SVOCs	Octachlorostyrene	29082-74-4	0.062		mg/kg	N		EPA 8270C
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	0.4	0.4	mg/kg	Y		EPA 314.0
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0017	0.0017	mg/kg	Y	J	EPA 8290
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000052	0.000052	mg/kg	Y	J	EPA 8290
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00066	0.00066	mg/kg	Y		EPA 8290
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000053	0.000053	mg/kg	Y		EPA 8290
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00029	0.00029	mg/kg	Y		EPA 8290
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00028	0.00028	mg/kg	Y		EPA 8290
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000091	0.0000091	mg/kg	Y		EPA 8290
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00018	0.00018	mg/kg	Y		EPA 8290
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00003	0.00003	mg/kg	Y		EPA 8290
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000037	0.000037	mg/kg	Y		EPA 8290
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000074	0.000074	mg/kg	Y		EPA 8290
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000077	0.000077	mg/kg	Y		EPA 8290
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000034	0.0000034	mg/kg	Y		EPA 8290
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	General Chemistry	Moisture	MOIST	4.5	4.5	percent	Y		ASTM 2216

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	General Chemistry	Moisture	MOIST	5	5	percent	Y		ASTM 2216
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	General Chemistry	Total Solids	RESTOT	95	95	percent	Y		ASTM 2216
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	Metals	Arsenic	7440-38-2	2.8	2.8	mg/kg	Y		EPA 6020
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	4,4'-DDD	72-54-8	0.00057		mg/kg	N		EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	4,4'-DDE	72-55-9	0.0025	0.0025	mg/kg	Y	J+	EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	4,4'-DDT	50-29-3	0.0017	0.0017	mg/kg	Y	J+	EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	Aldrin	309-00-2	0.00026		mg/kg	N		EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	alpha-BHC	319-84-6	0.00022		mg/kg	N		EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	alpha-Chlordane	5103-71-9	0.00034		mg/kg	N		EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	beta-BHC	319-85-7	0.0075	0.0075	mg/kg	Y	J+	EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	Chlordane (total)	57-74-9	0.00022		mg/kg	N		EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	delta-BHC	319-86-8	0.00042		mg/kg	N		EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	Dieldrin	60-57-1	0.00022		mg/kg	N		EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	Endosulfan I	959-98-8	0.00018		mg/kg	N		EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	Endosulfan II	33213-65-9	0.0003		mg/kg	N		EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	Endosulfan sulfate	1031-07-8	0.00029		mg/kg	N		EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	Endrin	72-20-8	0.00032		mg/kg	N		EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	Endrin aldehyde	7421-93-4	0.00018		mg/kg	N		EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	Endrin ketone	53494-70-5	0.00051		mg/kg	N		EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	gamma-BHC	58-89-9	0.00048		mg/kg	N		EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	gamma-Chlordane	5103-74-2	0.00028		mg/kg	N		EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	Heptachlor	76-44-8	0.00022		mg/kg	N		EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	Heptachlor epoxide	1024-57-3	0.00044		mg/kg	N		EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	Hexachlorobenzene	118-74-1	0.032	0.032	mg/kg	Y	J+	EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	Methoxychlor	72-43-5	0.00091	0.00091	mg/kg	Y	J+	EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	Toxaphene	8001-35-2	0.016		mg/kg	N		EPA 8081A
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	PAHs	Benzo(a)anthracene	56-55-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	PAHs	Benzo(a)pyrene	50-32-8	0.02		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.027		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.016		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.041		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	PAHs	Fluoranthene	206-44-0	0.037		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.022		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	SVOCs	1,4-Dioxane	123-91-1	0.067		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.047		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.044		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	SVOCs	Dimethylphthalate	131-11-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	SVOCs	Nitrobenzene	98-95-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	SVOCs	Octachlorostyrene	29082-74-4	0.058		mg/kg	N		EPA 8270C
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	1.2	1.2	mg/kg	Y		EPA 314.0
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00062	0.00062	mg/kg	Y	J	EPA 8290
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000016	0.000016	mg/kg	Y	J	EPA 8290
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00022	0.00022	mg/kg	Y		EPA 8290
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000093	0.000093	mg/kg	Y		EPA 8290
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000029	0.0000029	mg/kg	Y		EPA 8290
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000057	0.000057	mg/kg	Y		EPA 8290
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000044	0.0000044	mg/kg	Y		EPA 8290
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000038	0.0000038	mg/kg	Y		EPA 8290
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000046	0.000046	mg/kg	Y		EPA 8290
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000036	0.0000036	mg/kg	Y		EPA 8290
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000023	0.000023	mg/kg	Y		EPA 8290
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000032	0.000032	mg/kg	Y		EPA 8290
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000013	0.0000013	mg/kg	Y		EPA 8290
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	General Chemistry	Moisture	MOIST	6.1	6.1	percent	Y		ASTM 2216
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	General Chemistry	Moisture	MOIST	7	7	percent	Y		ASTM 2216
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	General Chemistry	Total Solids	RESTOT	93	93	percent	Y		ASTM 2216

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	Metals	Arsenic	7440-38-2	3.1	3.1	mg/kg	Y		EPA 6020
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	4,4'-DDD	72-54-8	0.00056		mg/kg	N		EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	4,4'-DDE	72-55-9	0.0043	0.0043	mg/kg	Y	J+	EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	4,4'-DDT	50-29-3	0.0016	0.0016	mg/kg	Y	J+	EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	Aldrin	309-00-2	0.00026		mg/kg	N		EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	alpha-BHC	319-84-6	0.00022		mg/kg	N		EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	alpha-Chlordane	5103-71-9	0.00033		mg/kg	N		EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	beta-BHC	319-85-7	0.014	0.014	mg/kg	Y	J+	EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	Chlordane (total)	57-74-9	0.00022		mg/kg	N		EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	delta-BHC	319-86-8	0.00041		mg/kg	N		EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	Dieldrin	60-57-1	0.00022		mg/kg	N		EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	Endosulfan I	959-98-8	0.00018		mg/kg	N		EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	Endosulfan II	33213-65-9	0.00029		mg/kg	N		EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	Endosulfan sulfate	1031-07-8	0.00028		mg/kg	N		EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	Endrin	72-20-8	0.00031		mg/kg	N		EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	Endrin aldehyde	7421-93-4	0.00018		mg/kg	N		EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	Endrin ketone	53494-70-5	0.0005		mg/kg	N		EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	gamma-BHC	58-89-9	0.00048		mg/kg	N		EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	gamma-Chlordane	5103-74-2	0.00027		mg/kg	N		EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	Heptachlor	76-44-8	0.00022		mg/kg	N		EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	Heptachlor epoxide	1024-57-3	0.00044		mg/kg	N		EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	Hexachlorobenzene	118-74-1	0.042	0.042	mg/kg	Y	J+	EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	Methoxychlor	72-43-5	0.00046		mg/kg	N		EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	Toxaphene	8001-35-2	0.016		mg/kg	N		EPA 8081A
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.042		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	PAHs	Fluoranthene	206-44-0	0.038		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	PAHs	Naphthalene	91-20-3	0.033		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	SVOCs	1,4-Dioxane	123-91-1	0.07		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.049		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.046		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	SVOCs	Dimethylphthalate	131-11-3	0.07	0.07	mg/kg	Y	J	EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	SVOCs	Octachlorostyrene	29082-74-4	0.061		mg/kg	N		EPA 8270C
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00028	0.00028	mg/kg	Y	J	EPA 8290
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000012	0.000012	mg/kg	Y	J	EPA 8290
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00011	0.00011	mg/kg	Y	J	EPA 8290
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000087	0.0000087	mg/kg	Y	J	EPA 8290
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000056	0.000056	mg/kg	Y	J	EPA 8290
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00005	0.00005	mg/kg	Y	J	EPA 8290
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000095	0.00000095	mg/kg	Y	J	EPA 8290
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000033	0.000033	mg/kg	Y	J	EPA 8290
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000002	0.000002	mg/kg	Y	J	EPA 8290
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000056	0.0000056	mg/kg	Y	J	EPA 8290
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000013	0.0000013	mg/kg	Y	J	EPA 8290
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000021	0.000021	mg/kg	Y		EPA 8290
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000015	0.0000015	mg/kg	Y	J	EPA 8290
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000011	0.000011	mg/kg	Y	J	EPA 8290
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000012	0.000012	mg/kg	Y	JK	EPA 8290
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000053	0.00000053	mg/kg	Y	J	EPA 8290
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	General Chemistry	Moisture	MOIST	10.5	10.5	percent	Y		ASTM 2216
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	General Chemistry	Moisture	MOIST	11	11	percent	Y		ASTM 2216
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	General Chemistry	Total Solids	RESTOT	89	89	percent	Y		ASTM 2216
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	OCPs	Hexachlorobenzene	118-74-1	0.037	0.037	mg/kg	Y	J	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	PAHs	2-Methylnaphthalene	91-57-6	0.021		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N	U	EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	PAHs	Acenaphthylene	208-96-8	0.019		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	PAHs	Anthracene	120-12-7	0.019		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	PAHs	Benzo(a)anthracene	56-55-3	0.022		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	PAHs	Benzo(a)pyrene	50-32-8	0.022		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	PAHs	Benzo(b)fluoranthene	205-99-2	0.029		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	PAHs	Benzo(g,h,i)perylene	191-24-2	0.018		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	PAHs	Benzo(k)fluoranthene	207-08-9	0.044		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	PAHs	Chrysene	218-01-9	0.03		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	PAHs	Fluoranthene	206-44-0	0.04		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	PAHs	Fluorene	86-73-7	0.02		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	PAHs	Naphthalene	91-20-3	0.034		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	PAHs	Phenanthrene	85-01-8	0.019		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	PAHs	Pyrene	129-00-0	0.013		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	SVOCs	1,4-Dioxane	123-91-1	0.073		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.051		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	SVOCs	Butylbenzylphthalate	85-68-7	0.048		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	SVOCs	Diethylphthalate	84-66-2	0.029		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	SVOCs	Di-n-butylphthalate	84-74-2	0.032		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	SVOCs	Octachlorostyrene	29082-74-4	0.063		mg/kg	N	U	EPA 8270C
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	Chlorine Oxyanions	Perchlorate	14797-73-0	5.6	5.6	mg/kg	Y		EPA 314.0
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000043	0.0000043	mg/kg	Y	J	EPA 8290
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000074	0.00000074	mg/kg	Y	JK	EPA 8290
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000016	0.0000016	mg/kg	Y	J	EPA 8290
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000026	0.00000026	mg/kg	Y	J	EPA 8290
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000063	0.00000063	mg/kg	Y	J	EPA 8290
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000062	0.00000062	mg/kg	Y	J	EPA 8290
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000007	0.00000007	mg/kg	Y	J	EPA 8290
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000052	0.00000052	mg/kg	Y	J	EPA 8290
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000012	0.00000012	mg/kg	Y	J	EPA 8290
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000011	0.00000011	mg/kg	Y	JK	EPA 8290
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000012	0.00000012	mg/kg	Y	JK	EPA 8290
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000033	0.00000033	mg/kg	Y	J	EPA 8290
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000032		mg/kg	N	U	EPA 8290
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000015	0.00000015	mg/kg	Y	J	EPA 8290
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000019	0.00000019	mg/kg	Y	J	EPA 8290
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000042	0.00000042	mg/kg	Y	JK	EPA 8290
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000025		mg/kg	N	U	EPA 8290
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	General Chemistry	Moisture	MOIST	8.1	8.1	percent	Y		ASTM 2216
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	General Chemistry	Moisture	MOIST	7.8	7.8	percent	Y		ASTM 2216
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	General Chemistry	Total Solids	RESTOT	92	92	percent	Y		ASTM 2216
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	Metals	Arsenic	7440-38-2	3.1	3.1	mg/kg	Y		EPA 6020
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	OCPs	Hexachlorobenzene	118-74-1	0.031		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	PAHs	Anthracene	120-12-7	0.018		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	PAHs	Benzo(k)fluoranthene	207-08-9	0.043		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	PAHs	Chrysene	218-01-9	0.029		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	PAHs	Fluoranthene	206-44-0	0.038		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	PAHs	Fluorene	86-73-7	0.019		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	PAHs	Naphthalene	91-20-3	0.033		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	PAHs	Pyrene	129-00-0	0.013		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	SVOCs	1,4-Dioxane	123-91-1	0.07		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.049		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	SVOCs	Butylbenzylphthalate	85-68-7	0.046		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N	U	EPA 8270C
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	SVOCs	Octachlorostyrene	29082-74-4	0.061		mg/kg	N	U	EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N	U	EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000057	0.0000057	mg/kg	Y		EPA 8290
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000014	0.0000014	mg/kg	Y	J	EPA 8290
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000002	0.000002	mg/kg	Y	J	EPA 8290
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000037	0.00000037	mg/kg	Y	JK	EPA 8290
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000008	0.0000008	mg/kg	Y	J	EPA 8290
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000095	0.00000095	mg/kg	Y	J	EPA 8290
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000064		mg/kg	N		EPA 8290
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000043	0.00000043	mg/kg	Y	J	EPA 8290
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000014	0.00000014	mg/kg	Y	JK	EPA 8290
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000035	0.00000035	mg/kg	Y	J	EPA 8290
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000012	0.00000012	mg/kg	Y	J	EPA 8290
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000046	0.00000046	mg/kg	Y	J	EPA 8290
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000067		mg/kg	N		EPA 8290
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000001	0.0000001	mg/kg	Y	JK	EPA 8290
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000019	0.00000019	mg/kg	Y	JK	EPA 8290
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000026	0.00000026	mg/kg	Y	J	EPA 8290
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000031		mg/kg	N		EPA 8290
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	OCPs	Hexachlorobenzene	118-74-1	0.03		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.027		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.042		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	PAHs	Fluoranthene	206-44-0	0.037		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	SVOCs	1,4-Dioxane	123-91-1	0.069		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.048		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.045		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	SVOCs	Octachlorostyrene	29082-74-4	0.059		mg/kg	N		EPA 8270C
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.034	0.034	mg/kg	Y		EPA 8290
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00098	0.00098	mg/kg	Y		EPA 8290
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.012	0.012	mg/kg	Y		EPA 8290
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00093	0.00093	mg/kg	Y		EPA 8290
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0054	0.0054	mg/kg	Y		EPA 8290
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0032	0.0032	mg/kg	Y		EPA 8290
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00015	0.00015	mg/kg	Y		EPA 8290
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0029	0.0029	mg/kg	Y		EPA 8290
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00026	0.00026	mg/kg	Y		EPA 8290
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00048	0.00048	mg/kg	Y		EPA 8290
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0022	0.0022	mg/kg	Y		EPA 8290
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00058	0.00058	mg/kg	Y		EPA 8290
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0012	0.0012	mg/kg	Y		EPA 8290
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00096	0.00096	mg/kg	Y		EPA 8290
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000047	0.000047	mg/kg	Y		EPA 8290
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	General Chemistry	Moisture	MOIST	1.6	1.6	percent	Y		ASTM 2216
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	OCPs	Hexachlorobenzene	118-74-1	0.33	0.33	mg/kg	Y		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	PAHs	Acenaphthene	83-32-9	0.01		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	PAHs	Benzo(a)anthracene	56-55-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	PAHs	Benzo(a)pyrene	50-32-8	0.02		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.026		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.016		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.039		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	PAHs	Chrysene	218-01-9	0.027		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	PAHs	Fluoranthene	206-44-0	0.035		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.022		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	PAHs	Naphthalene	91-20-3	0.03		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	SVOCs	1,4-Dioxane	123-91-1	0.065		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.045		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.042		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	SVOCs	Diethylphthalate	84-66-2	0.026		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	SVOCs	Dimethylphthalate	131-11-3	0.042	0.042	mg/kg	Y	J	EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.014		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	SVOCs	Nitrobenzene	98-95-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	SVOCs	Octachlorostyrene	29082-74-4	0.13	0.13	mg/kg	Y	J	EPA 8270C
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0049	0.0049	mg/kg	Y	J	EPA 8290
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00013	0.00013	mg/kg	Y	J	EPA 8290
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0015	0.0015	mg/kg	Y	J	EPA 8290
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00075	0.00075	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00074	0.00074	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00049	0.00049	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000033	0.000033	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000083	0.000083	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000034	0.000034	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00035	0.00035	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000027	0.000027	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00019	0.00019	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00015	0.00015	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000083	0.0000083	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	General Chemistry	Moisture	MOIST	7.5	7.5	percent	Y		ASTM 2216
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	General Chemistry	Moisture	MOIST	9	9	percent	Y		ASTM 2216
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	General Chemistry	Total Solids	RESTOT	91	91	percent	Y		ASTM 2216
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	OCPs	Hexachlorobenzene	118-74-1	0.031		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.042		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	PAHs	Fluoranthene	206-44-0	0.038		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	PAHs	Naphthalene	91-20-3	0.033		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	SVOCs	1,4-Dioxane	123-91-1	0.07		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.048		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.045		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	SVOCs	Dimethylphthalate	131-11-3	0.19	0.19	mg/kg	Y	J	EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	SVOCs	Octachlorostyrene	29082-74-4	0.069	0.069	mg/kg	Y	J	EPA 8270C
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.011	0.011	mg/kg	Y	J	EPA 8290
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00026	0.00026	mg/kg	Y	J	EPA 8290
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.003	0.003	mg/kg	Y	J	EPA 8290
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00025	0.00025	mg/kg	Y	J	EPA 8290
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0016	0.0016	mg/kg	Y	J	EPA 8290
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0013	0.0013	mg/kg	Y	J	EPA 8290
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00004	0.00004	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00086	0.00086	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000078	0.000078	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000078	0.000078	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00066	0.00066	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000053	0.000053	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0002	0.0002	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00034	0.00034	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00031	0.00031	mg/kg	Y	J	EPA 8290
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000015	0.000015	mg/kg	Y		EPA 8290
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	General Chemistry	Moisture	MOIST	12.7	12.7	percent	Y		ASTM 2216
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	OCPs	Hexachlorobenzene	118-74-1	0.11	0.11	mg/kg	Y	J	EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	2-Methylnaphthalene	91-57-6	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Acenaphthylene	208-96-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Anthracene	120-12-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Benzo(a)anthracene	56-55-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Benzo(a)pyrene	50-32-8	0.022		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.044		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Chrysene	218-01-9	0.03		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Fluoranthene	206-44-0	0.04		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Fluorene	86-73-7	0.02		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Naphthalene	91-20-3	0.034		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Phenanthrene	85-01-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	SVOCs	1,4-Dioxane	123-91-1	0.073		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.051		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.048		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	SVOCs	Diethylphthalate	84-66-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.032		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	SVOCs	Octachlorostyrene	29082-74-4	0.063		mg/kg	N		EPA 8270C
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	General Chemistry	Moisture	MOIST	6.5	6.5	percent	Y		ASTM 2216
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	General Chemistry	Total Solids	RESTOT	94	94	percent	Y		ASTM 2216
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	OCPs	Hexachlorobenzene	118-74-1	0.049	0.049	mg/kg	Y	J	EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	PAHs	Acenaphthene	83-32-9	0.01		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	PAHs	Benzo(a)anthracene	56-55-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	PAHs	Benzo(a)pyrene	50-32-8	0.02		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.026		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.016		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.04		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	PAHs	Chrysene	218-01-9	0.027		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	PAHs	Fluoranthene	206-44-0	0.036		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.022		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	PAHs	Naphthalene	91-20-3	0.031		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	SVOCs	1,4-Dioxane	123-91-1	0.066		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.046		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.043		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	SVOCs	Diethylphthalate	84-66-2	0.026		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	SVOCs	Dimethylphthalate	131-11-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.014		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	SVOCs	Nitrobenzene	98-95-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	SVOCs	Octachlorostyrene	29082-74-4	0.057		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	General Chemistry	Moisture	MOIST	6.1	6.1	percent	Y		ASTM 2216
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	General Chemistry	Total Solids	RESTOT	94	94	percent	Y		ASTM 2216
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	OCPs	Hexachlorobenzene	118-74-1	0.075	0.075	mg/kg	Y	J	EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.027		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.042		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	PAHs	Fluoranthene	206-44-0	0.037		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	SVOCs	1,4-Dioxane	123-91-1	0.069		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.048		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.045		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	SVOCs	Octachlorostyrene	29082-74-4	0.059		mg/kg	N		EPA 8270C
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.025	0.025	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00068	0.00068	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0095	0.0095	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00069	0.00069	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0046	0.0046	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0039	0.0039	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0023	0.0023	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00021	0.00021	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00043	0.00043	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0002	0.0002	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.002	0.002	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00042	0.00042	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0011	0.0011	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.001	0.001	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000041	0.000041	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	General Chemistry	Moisture	MOIST	6.4	6.4	percent	Y		ASTM 2216
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	OCPs	Hexachlorobenzene	118-74-1	0.12		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	PAHs	2-Methylnaphthalene	91-57-6	0.078		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	PAHs	Acenaphthene	83-32-9	0.042		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	PAHs	Acenaphthylene	208-96-8	0.07		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	PAHs	Anthracene	120-12-7	0.07		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	PAHs	Benzo(a)anthracene	56-55-3	0.082		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	PAHs	Benzo(a)pyrene	50-32-8	0.082		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.11		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.066		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.16		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	PAHs	Chrysene	218-01-9	0.11		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.078		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	PAHs	Fluoranthene	206-44-0	0.15		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	PAHs	Fluorene	86-73-7	0.074		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.091		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	PAHs	Naphthalene	91-20-3	0.13		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	PAHs	Phenanthrene	85-01-8	0.07		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	PAHs	Pyrene	129-00-0	0.05		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	SVOCs	1,4-Dioxane	123-91-1	0.27		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.19		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.18		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	SVOCs	Diethylphthalate	84-66-2	0.11		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	SVOCs	Dimethylphthalate	131-11-3	0.095		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.12		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.059		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	SVOCs	Nitrobenzene	98-95-3	0.091		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	SVOCs	Octachlorostyrene	29082-74-4	0.23		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	SVOCs	Pyridine	110-86-1	0.54		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.014	0.014	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.023	0.023	mg/kg	Y	J	EPA 8290
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0041	0.0041	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0015	0.0015	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0018	0.0018	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0019	0.0019	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000045	0.000045	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0013	0.0013	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000093	0.000093	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00021	0.00021	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000081	0.000081	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00095	0.00095	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000069	0.000069	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00029	0.00029	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00048	0.00048	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00047	0.00047	mg/kg	Y	J	EPA 8290
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000023	0.000023	mg/kg	Y		EPA 8290
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	General Chemistry	Moisture	MOIST	7.4	7.4	percent	Y		ASTM 2216
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	OCPs	Hexachlorobenzene	118-74-1	0.31		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	PAHs	2-Methylnaphthalene	91-57-6	0.2		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	PAHs	Acenaphthene	83-32-9	0.11		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	PAHs	Acenaphthylene	208-96-8	0.18		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	PAHs	Anthracene	120-12-7	0.18		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	PAHs	Benzo(a)anthracene	56-55-3	0.21		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	PAHs	Benzo(a)pyrene	50-32-8	0.21		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.28		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.17		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.43		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	PAHs	Chrysene	218-01-9	0.29		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.2		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	PAHs	Fluoranthene	206-44-0	0.38		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	PAHs	Fluorene	86-73-7	0.19		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.23		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	PAHs	Naphthalene	91-20-3	0.33		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	PAHs	Phenanthrene	85-01-8	0.18		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	PAHs	Pyrene	129-00-0	0.13		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	SVOCs	1,4-Dioxane	123-91-1	0.7		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.49		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.46		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	SVOCs	Diethylphthalate	84-66-2	0.28		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	SVOCs	Dimethylphthalate	131-11-3	0.24		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.31		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.15		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	SVOCs	Nitrobenzene	98-95-3	0.23		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	SVOCs	Octachlorostyrene	29082-74-4	0.61		mg/kg	N		EPA 8270C
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	SVOCs	Pyridine	110-86-1	1.4		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00056	0.00056	mg/kg	Y	J	EPA 8290
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000016	0.000016	mg/kg	Y	J	EPA 8290
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00018	0.00018	mg/kg	Y		EPA 8290
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000088	0.000088	mg/kg	Y		EPA 8290
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000082	0.000082	mg/kg	Y		EPA 8290
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000022	0.0000022	mg/kg	Y	J	EPA 8290
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000056	0.000056	mg/kg	Y		EPA 8290
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000041	0.0000041	mg/kg	Y		EPA 8290
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000046	0.0000046	mg/kg	Y		EPA 8290
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000049	0.000049	mg/kg	Y		EPA 8290
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000032	0.0000032	mg/kg	Y		EPA 8290
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000025	0.000025	mg/kg	Y		EPA 8290
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000043	0.000043	mg/kg	Y		EPA 8290
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000013	0.0000013	mg/kg	Y		EPA 8290
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	General Chemistry	Moisture	MOIST	10.7	10.7	percent	Y		ASTM 2216
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	OCPs	Hexachlorobenzene	118-74-1	0.087	0.087	mg/kg	Y	J	EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	2-Methylnaphthalene	91-57-6	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Acenaphthylene	208-96-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Anthracene	120-12-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Benzo(a)anthracene	56-55-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Benzo(a)pyrene	50-32-8	0.022		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.044		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Chrysene	218-01-9	0.03		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Fluoranthene	206-44-0	0.04		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Fluorene	86-73-7	0.02		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Naphthalene	91-20-3	0.034		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Phenanthrene	85-01-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	SVOCs	1,4-Dioxane	123-91-1	0.073		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.051		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.048		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	SVOCs	Diethylphthalate	84-66-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.032		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	SVOCs	Octachlorostyrene	29082-74-4	0.063		mg/kg	N		EPA 8270C
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000012	0.000012	mg/kg	Y	J	EPA 8290
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000028	0.0000028	mg/kg	Y	JK	EPA 8290
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000047	0.0000047	mg/kg	Y	J	EPA 8290
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000001	0.000001	mg/kg	Y	JK	EPA 8290
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000019	0.0000019	mg/kg	Y	J	EPA 8290
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000017	0.0000017	mg/kg	Y	J	EPA 8290
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000012	0.00000012	mg/kg	Y	JK	EPA 8290
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000013	0.0000013	mg/kg	Y	J	EPA 8290
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000044	0.00000044	mg/kg	Y	J	EPA 8290
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000004	0.0000004	mg/kg	Y	J	EPA 8290
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000033	0.00000033	mg/kg	Y	JK	EPA 8290
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000001	0.000001	mg/kg	Y	J	EPA 8290
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000017		mg/kg	N		EPA 8290
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000042	0.00000042	mg/kg	Y	JK	EPA 8290
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000041	0.00000041	mg/kg	Y	J	EPA 8290
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000044		mg/kg	N		EPA 8290
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000016		mg/kg	N		EPA 8290
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	General Chemistry	Moisture	MOIST	9.2	9.2	percent	Y		ASTM 2216
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	OCPs	Hexachlorobenzene	118-74-1	0.031		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.043		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	PAHs	Fluoranthene	206-44-0	0.039		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	PAHs	Naphthalene	91-20-3	0.033		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	SVOCs	1,4-Dioxane	123-91-1	0.071		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.095	0.095	mg/kg	Y	J	EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.046		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	SVOCs	Octachlorostyrene	29082-74-4	0.061		mg/kg	N		EPA 8270C
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0079	0.0079	mg/kg	Y	J	EPA 8290
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00019	0.00019	mg/kg	Y		EPA 8290
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0025	0.0025	mg/kg	Y	J	EPA 8290
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0013	0.0013	mg/kg	Y	J	EPA 8290
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00098	0.00098	mg/kg	Y		EPA 8290
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000021	0.000021	mg/kg	Y		EPA 8290
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00069	0.00069	mg/kg	Y		EPA 8290
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000043	0.000043	mg/kg	Y		EPA 8290
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00004	0.00004	mg/kg	Y		EPA 8290
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00047	0.00047	mg/kg	Y		EPA 8290
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000032	0.000032	mg/kg	Y		EPA 8290
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00017	0.00017	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00025	0.00025	mg/kg	Y		EPA 8290
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00027	0.00027	mg/kg	Y	J	EPA 8290
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	General Chemistry	Moisture	MOIST	10.7	10.7	percent	Y		ASTM 2216
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	OCPs	Hexachlorobenzene	118-74-1	0.32	0.32	mg/kg	Y	J	EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	PAHs	2-Methylnaphthalene	91-57-6	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	PAHs	Acenaphthylene	208-96-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	PAHs	Anthracene	120-12-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	PAHs	Benzo(a)anthracene	56-55-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	PAHs	Benzo(a)pyrene	50-32-8	0.022		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.045		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	PAHs	Chrysene	218-01-9	0.03		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	PAHs	Fluoranthene	206-44-0	0.04		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	PAHs	Fluorene	86-73-7	0.02		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.025		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	PAHs	Naphthalene	91-20-3	0.035		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	PAHs	Phenanthrene	85-01-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	SVOCs	1,4-Dioxane	123-91-1	0.074		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.083	0.083	mg/kg	Y	J	EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.048		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	SVOCs	Diethylphthalate	84-66-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	SVOCs	Dimethylphthalate	131-11-3	0.026		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.032		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	SVOCs	Nitrobenzene	98-95-3	0.025		mg/kg	N		EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	SVOCs	Octachlorostyrene	29082-74-4	0.11	0.11	mg/kg	Y	J	EPA 8270C
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00086	0.00086	mg/kg	Y	J	EPA 8290
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000021	0.000021	mg/kg	Y	J	EPA 8290
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00025	0.00025	mg/kg	Y	J	EPA 8290
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00002	0.00002	mg/kg	Y	J	EPA 8290
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00015	0.00015	mg/kg	Y	J	EPA 8290
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000076	0.000076	mg/kg	Y		EPA 8290
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000025	0.0000025	mg/kg	Y	J	EPA 8290
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000086	0.000086	mg/kg	Y		EPA 8290
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000066	0.0000066	mg/kg	Y		EPA 8290
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000004	0.000004	mg/kg	Y		EPA 8290
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000055	0.000055	mg/kg	Y		EPA 8290
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000042	0.0000042	mg/kg	Y		EPA 8290
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00002	0.00002	mg/kg	Y		EPA 8290
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00003	0.00003	mg/kg	Y		EPA 8290
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000028	0.000028	mg/kg	Y		EPA 8290
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000013	0.0000013	mg/kg	Y		EPA 8290
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	General Chemistry	Moisture	MOIST	8.1	8.1	percent	Y		ASTM 2216
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	OCPs	Hexachlorobenzene	118-74-1	0.068	0.068	mg/kg	Y	J	EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	PAHs	Acenaphthene	83-32-9	0.01		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	PAHs	Benzo(a)anthracene	56-55-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	PAHs	Benzo(a)pyrene	50-32-8	0.02		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.026		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.016		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.04		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	PAHs	Chrysene	218-01-9	0.027		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	PAHs	Fluoranthene	206-44-0	0.036		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.022		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	PAHs	Naphthalene	91-20-3	0.031		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	SVOCs	1,4-Dioxane	123-91-1	0.067		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.046		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.043		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	SVOCs	Diethylphthalate	84-66-2	0.026		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	SVOCs	Dimethylphthalate	131-11-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.029		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	SVOCs	Nitrobenzene	98-95-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	SVOCs	Octachlorostyrene	29082-74-4	0.058		mg/kg	N		EPA 8270C
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.016	0.016	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00038	0.00038	mg/kg	Y		EPA 8290
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0049	0.0049	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00037	0.00037	mg/kg	Y		EPA 8290
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0026	0.0026	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0022	0.0022	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000047	0.000047	mg/kg	Y		EPA 8290
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0015	0.0015	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000097	0.000097	mg/kg	Y		EPA 8290
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00024	0.00024	mg/kg	Y		EPA 8290
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000095	0.000095	mg/kg	Y		EPA 8290
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00097	0.00097	mg/kg	Y		EPA 8290
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000066	0.000066	mg/kg	Y		EPA 8290
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00036	0.00036	mg/kg	Y		EPA 8290
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00052	0.00052	mg/kg	Y		EPA 8290
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00041	0.00041	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000019	0.000019	mg/kg	Y		EPA 8290
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	General Chemistry	Moisture	MOIST	8.6	8.6	percent	Y		ASTM 2216
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	Metals	Arsenic	7440-38-2	6.7	6.7	mg/kg	Y		EPA 6020
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	OCPs	Hexachlorobenzene	118-74-1	0.12	0.12	mg/kg	Y	J	EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	PAHs	2-Methylnaphthalene	91-57-6	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	PAHs	Acenaphthylene	208-96-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	PAHs	Anthracene	120-12-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	PAHs	Benzo(a)anthracene	56-55-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	PAHs	Benzo(a)pyrene	50-32-8	0.022		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.044		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	PAHs	Chrysene	218-01-9	0.03		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	PAHs	Fluoranthene	206-44-0	0.04		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	PAHs	Fluorene	86-73-7	0.02		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	PAHs	Naphthalene	91-20-3	0.034		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	PAHs	Phenanthrene	85-01-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	SVOCs	1,4-Dioxane	123-91-1	0.072		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.11	0.11	mg/kg	Y	J	EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.047		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	SVOCs	Diethylphthalate	84-66-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.032		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	SVOCs	Octachlorostyrene	29082-74-4	0.085	0.085	mg/kg	Y	J	EPA 8270C
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00047	0.00047	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000013	0.000013	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000069	0.000069	mg/kg	Y		EPA 8290
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000084	0.000084	mg/kg	Y		EPA 8290
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000021	0.0000021	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000065	0.000065	mg/kg	Y		EPA 8290
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000052	0.0000052	mg/kg	Y		EPA 8290
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000076	0.0000076	mg/kg	Y		EPA 8290
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000003	0.000003	mg/kg	Y		EPA 8290
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000052	0.000052	mg/kg	Y		EPA 8290
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000029	0.0000029	mg/kg	Y		EPA 8290
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000017	0.000017	mg/kg	Y		EPA 8290
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000025	0.000025	mg/kg	Y		EPA 8290
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000022	0.000022	mg/kg	Y		EPA 8290
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000069	0.00000069	mg/kg	Y		EPA 8290
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	General Chemistry	Moisture	MOIST	4.8	4.8	percent	Y		ASTM 2216
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	Metals	Arsenic	7440-38-2	2.8	2.8	mg/kg	Y		EPA 6020
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	OCPs	Hexachlorobenzene	118-74-1	0.031		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.043		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	PAHs	Fluoranthene	206-44-0	0.038		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	PAHs	Naphthalene	91-20-3	0.033		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	SVOCs	1,4-Dioxane	123-91-1	0.071		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.049		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.046		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	SVOCs	Octachlorostyrene	29082-74-4	0.061		mg/kg	N		EPA 8270C
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAK8-06	SSAK8-06-3BPC	0-1	N	--	5/3/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.027	0.027	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-06	SSAK8-06-3BPC	0-1	N	--	5/3/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.001	0.001	mg/kg	Y		EPA 8290
DU-1	SSAK8-06	SSAK8-06-3BPC	0-1	N	--	5/3/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.011	0.011	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-06	SSAK8-06-3BPC	0-1	N	--	5/3/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00089	0.00089	mg/kg	Y		EPA 8290
DU-1	SSAK8-06	SSAK8-06-3BPC	0-1	N	--	5/3/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0046	0.0046	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-06	SSAK8-06-3BPC	0-1	N	--	5/3/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0048	0.0048	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-06	SSAK8-06-3BPC	0-1	N	--	5/3/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	SSAK8-06	SSAK8-06-3BPC	0-1	N	--	5/3/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0032	0.0032	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-06	SSAK8-06-3BPC	0-1	N	--	5/3/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00026	0.00026	mg/kg	Y		EPA 8290
DU-1	SSAK8-06	SSAK8-06-3BPC	0-1	N	--	5/3/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0006	0.0006	mg/kg	Y		EPA 8290
DU-1	SSAK8-06	SSAK8-06-3BPC	0-1	N	--	5/3/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00024	0.00024	mg/kg	Y		EPA 8290
DU-1	SSAK8-06	SSAK8-06-3BPC	0-1	N	--	5/3/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0023	0.0023	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-06	SSAK8-06-3BPC	0-1	N	--	5/3/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	SSAK8-06	SSAK8-06-3BPC	0-1	N	--	5/3/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00072	0.00072	mg/kg	Y		EPA 8290
DU-1	SSAK8-06	SSAK8-06-3BPC	0-1	N	--	5/3/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0012	0.0012	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-06	SSAK8-06-3BPC	0-1	N	--	5/3/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0012	0.0012	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-06	SSAK8-06-3BPC	0-1	N	--	5/3/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00005	0.00005	mg/kg	Y		EPA 8290
DU-1	SSAK8-06	SSAK8-06-3BPC	0-1	N	--	5/3/2010	General Chemistry	Moisture	MOIST	7.1	7.1	percent	Y		ASTM 2216
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.04	0.04	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0013	0.0013	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.014	0.014	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0011	0.0011	mg/kg	Y		EPA 8290
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0077	0.0077	mg/kg	Y		EPA 8290
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0056	0.0056	mg/kg	Y		EPA 8290
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0045	0.0045	mg/kg	Y		EPA 8290
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00031	0.00031	mg/kg	Y		EPA 8290
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00065	0.00065	mg/kg	Y		EPA 8290
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00025	0.00025	mg/kg	Y		EPA 8290
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0032	0.0032	mg/kg	Y		EPA 8290
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00024	0.00024	mg/kg	Y		EPA 8290
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0014	0.0014	mg/kg	Y		EPA 8290
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0016	0.0016	mg/kg	Y		EPA 8290
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0018	0.0018	mg/kg	Y		EPA 8290
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000061	0.000061	mg/kg	Y		EPA 8290
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	General Chemistry	Moisture	MOIST	2.1	2.1	percent	Y		ASTM 2216
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	General Chemistry	Moisture	MOIST	0.84	0.84	percent	Y		ASTM 2216
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	General Chemistry	Total Solids	RESTOT	98	98	percent	Y		ASTM 2216
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	OCPs	Hexachlorobenzene	118-74-1	0.7	0.7	mg/kg	Y		EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	PAHs	2-Methylnaphthalene	91-57-6	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	PAHs	Acenaphthene	83-32-9	0.0098		mg/kg	N		EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	PAHs	Acenaphthylene	208-96-8	0.016		mg/kg	N		EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	PAHs	Anthracene	120-12-7	0.016		mg/kg	N		EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	PAHs	Benzo(a)anthracene	56-55-3	0.025	0.025	mg/kg	Y	J	EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	PAHs	Benzo(a)pyrene	50-32-8	0.024	0.024	mg/kg	Y	J	EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.05	0.05	mg/kg	Y	J	EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.019	0.019	mg/kg	Y	J	EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.038		mg/kg	N	UJ	EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	PAHs	Chrysene	218-01-9	0.035	0.035	mg/kg	Y	J	EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.018		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	PAHs	Fluoranthene	206-44-0	0.035	0.035	mg/kg	Y	J	EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	PAHs	Fluorene	86-73-7	0.017		mg/kg	N		EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	PAHs	Naphthalene	91-20-3	0.029		mg/kg	N		EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	PAHs	Phenanthrene	85-01-8	0.016		mg/kg	N		EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	PAHs	Pyrene	129-00-0	0.03	0.03	mg/kg	Y	J	EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	SVOCs	1,4-Dioxane	123-91-1	0.063		mg/kg	N		EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.092	0.092	mg/kg	Y	J	EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.041		mg/kg	N		EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	SVOCs	Diethylphthalate	84-66-2	0.025		mg/kg	N		EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	SVOCs	Dimethylphthalate	131-11-3	0.032	0.032	mg/kg	Y	J	EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.014		mg/kg	N		EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	SVOCs	Nitrobenzene	98-95-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	SVOCs	Octachlorostyrene	29082-74-4	0.17	0.17	mg/kg	Y	J	EPA 8270C
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	SVOCs	Pyridine	110-86-1	0.12		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0051	0.0051	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00017	0.00017	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0022	0.0022	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0011	0.0011	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0007	0.0007	mg/kg	Y		EPA 8290
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000021	0.000021	mg/kg	Y		EPA 8290
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00066	0.00066	mg/kg	Y		EPA 8290
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000045	0.000045	mg/kg	Y		EPA 8290
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00009	0.00009	mg/kg	Y		EPA 8290
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000034	0.000034	mg/kg	Y		EPA 8290
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00051	0.00051	mg/kg	Y		EPA 8290
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000034	0.000034	mg/kg	Y		EPA 8290
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00019	0.00019	mg/kg	Y		EPA 8290
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00025	0.00025	mg/kg	Y		EPA 8290
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00026	0.00026	mg/kg	Y	J	EPA 8290
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000087	0.0000087	mg/kg	Y		EPA 8290
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	General Chemistry	Moisture	MOIST	1.5	1.5	percent	Y		ASTM 2216
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	General Chemistry	Moisture	MOIST	0.1		percent	N		ASTM 2216
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	General Chemistry	Total Solids	RESTOT	99	99	percent	Y		ASTM 2216
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	OCPs	Hexachlorobenzene	118-74-1	0.028		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	PAHs	2-Methylnaphthalene	91-57-6	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	PAHs	Acenaphthene	83-32-9	0.0099		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	PAHs	Acenaphthylene	208-96-8	0.016		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	PAHs	Anthracene	120-12-7	0.016		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(a)anthracene	56-55-3	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(a)pyrene	50-32-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.025		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.015		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.039		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	PAHs	Chrysene	218-01-9	0.026		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.018		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	PAHs	Fluoranthene	206-44-0	0.035		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	PAHs	Fluorene	86-73-7	0.017		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	PAHs	Naphthalene	91-20-3	0.03		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	PAHs	Phenanthrene	85-01-8	0.016		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	SVOCs	1,4-Dioxane	123-91-1	0.064		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.1	0.1	mg/kg	Y	J	EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.041		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	SVOCs	Diethylphthalate	84-66-2	0.025		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	SVOCs	Dimethylphthalate	131-11-3	0.13	0.13	mg/kg	Y	J	EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.014		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	SVOCs	Nitrobenzene	98-95-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	SVOCs	Octachlorostyrene	29082-74-4	0.055		mg/kg	N		EPA 8270C
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000044	0.00000044	mg/kg	Y	JK	EPA 8290
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000033	0.0000033	mg/kg	Y		EPA 8290
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000035	0.00000035	mg/kg	Y	J	EPA 8290
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000014	0.0000014	mg/kg	Y	JK	EPA 8290
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000016	0.0000016	mg/kg	Y	J	EPA 8290
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000055		mg/kg	N		EPA 8290
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000099	0.00000099	mg/kg	Y	J	EPA 8290
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000015	0.00000015	mg/kg	Y	J	EPA 8290
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000021	0.00000021	mg/kg	Y	JK	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000016	0.00000016	mg/kg	Y	JK	EPA 8290
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000008	0.0000008	mg/kg	Y	J	EPA 8290
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000063		mg/kg	N		EPA 8290
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000002	0.0000002	mg/kg	Y	J	EPA 8290
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000045	0.00000045	mg/kg	Y	J	EPA 8290
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000048	0.00000048	mg/kg	Y	JK	EPA 8290
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000039		mg/kg	N		EPA 8290
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	General Chemistry	Moisture	MOIST	6.7	6.7	percent	Y		ASTM 2216
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	4,4'-DDD	72-54-8	0.00063		mg/kg	N		EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	4,4'-DDE	72-55-9	0.00027		mg/kg	N		EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	4,4'-DDT	50-29-3	0.00068		mg/kg	N		EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	Aldrin	309-00-2	0.00029		mg/kg	N		EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	alpha-BHC	319-84-6	0.00025		mg/kg	N		EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	alpha-Chlordane	5103-71-9	0.00037		mg/kg	N		EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	beta-BHC	319-85-7	0.00076		mg/kg	N		EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	delta-BHC	319-86-8	0.00046		mg/kg	N		EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	Dieldrin	60-57-1	0.00024		mg/kg	N		EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	Endosulfan I	959-98-8	0.0002		mg/kg	N		EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	Endosulfan II	33213-65-9	0.00033		mg/kg	N		EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	Endosulfan sulfate	1031-07-8	0.00032		mg/kg	N		EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	Endrin	72-20-8	0.00035		mg/kg	N		EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	Endrin aldehyde	7421-93-4	0.0002		mg/kg	N		EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	Endrin ketone	53494-70-5	0.00056		mg/kg	N		EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	gamma-BHC	58-89-9	0.00053		mg/kg	N		EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	gamma-Chlordane	5103-74-2	0.0003		mg/kg	N		EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	Heptachlor	76-44-8	0.00025		mg/kg	N		EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	Heptachlor epoxide	1024-57-3	0.00049		mg/kg	N		EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	Hexachlorobenzene	118-74-1	0.00063	0.00063	mg/kg	Y	J	EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	Methoxychlor	72-43-5	0.00052		mg/kg	N		EPA 8081A
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	Toxaphene	8001-35-2	0.018		mg/kg	N		EPA 8081A
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0072	0.0072	mg/kg	Y	J	EPA 8290
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00025	0.00025	mg/kg	Y		EPA 8290
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0029	0.0029	mg/kg	Y	J	EPA 8290
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00022	0.00022	mg/kg	Y		EPA 8290
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0014	0.0014	mg/kg	Y	J	EPA 8290
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00092	0.00092	mg/kg	Y		EPA 8290
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000032	0.000032	mg/kg	Y		EPA 8290
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00071	0.00071	mg/kg	Y		EPA 8290
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000061	0.000061	mg/kg	Y		EPA 8290
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000043	0.000043	mg/kg	Y		EPA 8290
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00063	0.00063	mg/kg	Y		EPA 8290
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000042	0.000042	mg/kg	Y		EPA 8290
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00032	0.00032	mg/kg	Y		EPA 8290
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0004	0.0004	mg/kg	Y	J	EPA 8290
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	General Chemistry	Moisture	MOIST	1.1	1.1	percent	Y		ASTM 2216
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	General Chemistry	Moisture	MOIST	0.49	0.49	percent	Y		ASTM 2216
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	General Chemistry	Total Solids	RESTOT	99	99	percent	Y		ASTM 2216
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	OCPs	Hexachlorobenzene	118-74-1	0.084	0.084	mg/kg	Y	J	EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	PAHs	2-Methylnaphthalene	91-57-6	0.018		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	PAHs	Acenaphthene	83-32-9	0.0097		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	PAHs	Acenaphthylene	208-96-8	0.016		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	PAHs	Anthracene	120-12-7	0.016		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(a)anthracene	56-55-3	0.019		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(a)pyrene	50-32-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.025		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.015		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.038		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	PAHs	Chrysene	218-01-9	0.026		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.018		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	PAHs	Fluoranthene	206-44-0	0.034		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	PAHs	Fluorene	86-73-7	0.017		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.021		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	PAHs	Naphthalene	91-20-3	0.029		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	PAHs	Phenanthrene	85-01-8	0.016		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	PAHs	Pyrene	129-00-0	0.011		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	SVOCs	1,4-Dioxane	123-91-1	0.062		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.16	0.16	mg/kg	Y	J	EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.041		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	SVOCs	Diethylphthalate	84-66-2	0.025		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	SVOCs	Dimethylphthalate	131-11-3	0.022	0.022	mg/kg	Y	J	EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.027		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.014		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	SVOCs	Nitrobenzene	98-95-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	SVOCs	Octachlorostyrene	29082-74-4	0.054		mg/kg	N		EPA 8270C
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	SVOCs	Pyridine	110-86-1	0.12		mg/kg	N		EPA 8270C
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	40	40	mg/kg	Y		EPA 314.0
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00015	0.00015	mg/kg	Y	J	EPA 8290
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000068	0.0000068	mg/kg	Y	JK	EPA 8290
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000056	0.000056	mg/kg	Y	J	EPA 8290
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000036	0.0000036	mg/kg	Y	JK	EPA 8290
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000032	0.000032	mg/kg	Y	J	EPA 8290
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000061		mg/kg	N		EPA 8290
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000053		mg/kg	N		EPA 8290
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000002	0.000002	mg/kg	Y	J	EPA 8290
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000066	0.00000066	mg/kg	Y	JK	EPA 8290
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000008	0.000008	mg/kg	Y		EPA 8290
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000063		mg/kg	N		EPA 8290
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000025	0.0000025	mg/kg	Y	J	EPA 8290
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000004	0.000004	mg/kg	Y		EPA 8290
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000056	0.0000056	mg/kg	Y		EPA 8290
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000027		mg/kg	N		EPA 8290
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	General Chemistry	Moisture	MOIST	8.4	8.4	percent	Y		ASTM 2216
DU-1	SSAL7-02	SSAL7-02-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	SSAL7-02	SSAL7-02-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000042		mg/kg	N		EPA 8290
DU-1	SSAL7-02	SSAL7-02-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00003	0.00003	mg/kg	Y		EPA 8290
DU-1	SSAL7-02	SSAL7-02-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000034	0.0000034	mg/kg	Y	J	EPA 8290
DU-1	SSAL7-02	SSAL7-02-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000014	0.000014	mg/kg	Y	JK	EPA 8290
DU-1	SSAL7-02	SSAL7-02-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000018	0.000018	mg/kg	Y		EPA 8290
DU-1	SSAL7-02	SSAL7-02-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000031		mg/kg	N		EPA 8290
DU-1	SSAL7-02	SSAL7-02-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000096	0.0000096	mg/kg	Y	J	EPA 8290
DU-1	SSAL7-02	SSAL7-02-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000027		mg/kg	N		EPA 8290
DU-1	SSAL7-02	SSAL7-02-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000011		mg/kg	N		EPA 8290
DU-1	SSAL7-02	SSAL7-02-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000026		mg/kg	N		EPA 8290
DU-1	SSAL7-02	SSAL7-02-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000087		mg/kg	N		EPA 8290
DU-1	SSAL7-02	SSAL7-02-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000026		mg/kg	N		EPA 8290
DU-1	SSAL7-02	SSAL7-02-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000097		mg/kg	N		EPA 8290
DU-1	SSAL7-02	SSAL7-02-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000091		mg/kg	N		EPA 8290
DU-1	SSAL7-02	SSAL7-02-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000022	0.00000022	mg/kg	Y	JK	EPA 8290
DU-1	SSAL7-02	SSAL7-02-1BPC	0.5-1.5	N	--	4/21/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000075		mg/kg	N		EPA 8290
DU-1	SSAL7-02	SSAL7-02-1BPC	0.5-1.5	N	--	4/21/2010	General Chemistry	Moisture	MOIST	5	5	percent	Y		ASTM 2216
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000013	0.000013	mg/kg	Y	J	EPA 8290
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000028		mg/kg	N	UJ	EPA 8290
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000033	0.0000033	mg/kg	Y	J	EPA 8290
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000027		mg/kg	N	UJ	EPA 8290
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000002	0.000002	mg/kg	Y	J	EPA 8290
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000014	0.0000014	mg/kg	Y	J	EPA 8290
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000023		mg/kg	N		EPA 8290
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000011	0.0000011	mg/kg	Y	J	EPA 8290
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000021		mg/kg	N		EPA 8290
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000046		mg/kg	N		EPA 8290
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000019		mg/kg	N		EPA 8290
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000064		mg/kg	N		EPA 8290
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000022		mg/kg	N		EPA 8290
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000041		mg/kg	N		EPA 8290
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000068		mg/kg	N		EPA 8290
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000000089		mg/kg	N		EPA 8290
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000012		mg/kg	N		EPA 8290
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	General Chemistry	Moisture	MOIST	10.4	10.4	percent	Y		ASTM 2216
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	Metals	Arsenic	7440-38-2	3.8	3.8	mg/kg	Y		EPA 6020
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	4,4'-DDD	72-54-8	0.061		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	4,4'-DDE	72-55-9	3.5	3.5	mg/kg	Y		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	4,4'-DDT	50-29-3	0.77	0.77	mg/kg	Y		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	Aldrin	309-00-2	0.028		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	alpha-BHC	319-84-6	0.024		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	alpha-Chlordane	5103-71-9	0.036		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	beta-BHC	319-85-7	0.075		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	Chlordane (total)	57-74-9	0.024		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	delta-BHC	319-86-8	0.045		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	Dieldrin	60-57-1	0.024		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	Endosulfan I	959-98-8	0.02		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	Endosulfan II	33213-65-9	0.032		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	Endosulfan sulfate	1031-07-8	0.031		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	Endrin	72-20-8	0.034		mg/kg	N		EPA 8081A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	Endrin aldehyde	7421-93-4	0.019		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	Endrin ketone	53494-70-5	0.055		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	gamma-BHC	58-89-9	0.052		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	gamma-Chlordane	5103-74-2	0.03		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	Heptachlor	76-44-8	0.024		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	Heptachlor epoxide	1024-57-3	0.048		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	Hexachlorobenzene	118-74-1	0.86	0.86	mg/kg	Y		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	Methoxychlor	72-43-5	0.31	0.31	mg/kg	Y	J	EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	Toxaphene	8001-35-2	1.8		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	PAHs	2-Methylnaphthalene	91-57-6	0.021		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	PAHs	Acenaphthylene	208-96-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	PAHs	Anthracene	120-12-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	PAHs	Benzo(a)anthracene	56-55-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	PAHs	Benzo(a)pyrene	50-32-8	0.022		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.018		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.044		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	PAHs	Chrysene	218-01-9	0.03		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	PAHs	Fluoranthene	206-44-0	0.04		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	PAHs	Fluorene	86-73-7	0.02		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	PAHs	Naphthalene	91-20-3	0.034		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	PAHs	Phenanthrene	85-01-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	SVOCs	1,4-Dioxane	123-91-1	0.073		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.051		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.047		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	SVOCs	Diethylphthalate	84-66-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.032		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	SVOCs	Octachlorostyrene	29082-74-4	0.063		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	4,4'-DDD	72-54-8	0.029		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	4,4'-DDE	72-55-9	1.3	1.3	mg/kg	Y		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	4,4'-DDT	50-29-3	0.24	0.24	mg/kg	Y		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	Aldrin	309-00-2	0.014		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	alpha-BHC	319-84-6	0.012		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	alpha-Chlordane	5103-71-9	0.017		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	beta-BHC	319-85-7	0.036		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	Chlordane (total)	57-74-9	0.012		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	delta-BHC	319-86-8	0.022		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	Dieldrin	60-57-1	0.011		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	Endosulfan I	959-98-8	0.0095		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	Endosulfan II	33213-65-9	0.015		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	Endosulfan sulfate	1031-07-8	0.015		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	Endrin	72-20-8	0.016		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	Endrin aldehyde	7421-93-4	0.0092		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	Endrin ketone	53494-70-5	0.026		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	gamma-BHC	58-89-9	0.025		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	gamma-Chlordane	5103-74-2	0.014		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	Heptachlor	76-44-8	0.012		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	Heptachlor epoxide	1024-57-3	0.023		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	Hexachlorobenzene	118-74-1	0.43	0.43	mg/kg	Y		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	Methoxychlor	72-43-5	0.024		mg/kg	N		EPA 8081A
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	Toxaphene	8001-35-2	0.85		mg/kg	N		EPA 8081A
DU-1	SSAM5-04	SSAM5-04-4_01_BPC	0-1	N	--	10/13/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	340	340	mg/kg	Y		EPA 314.0
DU-1	SSAM5-04	SSAM5-04-4_01_BPC	0-1	N	--	10/13/2010	General Chemistry	Moisture	MOIST	7.3	7.3	percent	Y		ASTM 2216
DU-1	SSAM5-04	SSAM5-04-4_01_BPC	0-1	N	--	10/13/2010	General Chemistry	Total Solids	RESTOT	93	93	percent	Y		ASTM 2216
DU-1	SSAM5-04	SSAM5-04-4_01_BPC_FD	0-1	FD	SSAM5-04-4_01_BPC	10/13/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	310	310	mg/kg	Y		EPA 314.0
DU-1	SSAM5-04	SSAM5-04-4_01_BPC_FD	0-1	FD	SSAM5-04-4_01_BPC	10/13/2010	General Chemistry	Moisture	MOIST	7.3	7.3	percent	Y		ASTM 2216
DU-1	SSAM5-04	SSAM5-04-4_01_BPC_FD	0-1	FD	SSAM5-04-4_01_BPC	10/13/2010	General Chemistry	Total Solids	RESTOT	93	93	percent	Y		ASTM 2216
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	1500	1500	mg/kg	Y		EPA 314.0
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.028	0.028	mg/kg	Y	J	EPA 8290
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00081	0.00081	mg/kg	Y	J	EPA 8290
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0084	0.0084	mg/kg	Y		EPA 8290
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00073	0.00073	mg/kg	Y		EPA 8290
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0041	0.0041	mg/kg	Y		EPA 8290
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.004	0.004	mg/kg	Y		EPA 8290
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0025	0.0025	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0002	0.0002	mg/kg	Y		EPA 8290
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00048	0.00048	mg/kg	Y		EPA 8290
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0002	0.0002	mg/kg	Y		EPA 8290
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0019	0.0019	mg/kg	Y		EPA 8290
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00016	0.00016	mg/kg	Y		EPA 8290
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00068	0.00068	mg/kg	Y		EPA 8290
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.001	0.001	mg/kg	Y		EPA 8290
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00071	0.00071	mg/kg	Y	J	EPA 8290
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000056	0.000056	mg/kg	Y		EPA 8290
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	General Chemistry	Moisture	MOIST	6.4	6.4	percent	Y		ASTM 2216
DU-1	SSAN3-02	SSAN3-02-1BPC	0.5-1.5	N	--	4/12/2010	Metals	Arsenic	7440-38-2	4.8	4.8	mg/kg	Y		EPA 6020
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00076	0.00076	mg/kg	Y		EPA 8290
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0066	0.0066	mg/kg	Y	J	EPA 8290
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00026	0.00026	mg/kg	Y		EPA 8290
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000093	0.000093	mg/kg	Y		EPA 8290
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000025	0.0000025	mg/kg	Y		EPA 8290
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000076	0.000076	mg/kg	Y		EPA 8290
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000062	0.0000062	mg/kg	Y		EPA 8290
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000012	0.000012	mg/kg	Y	J	EPA 8290
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000048	0.0000048	mg/kg	Y	J-	EPA 8290
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000062	0.000062	mg/kg	Y		EPA 8290
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000004	0.000004	mg/kg	Y		EPA 8290
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000032	0.000032	mg/kg	Y		EPA 8290
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000045	0.000045	mg/kg	Y		EPA 8290
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000013	0.0000013	mg/kg	Y		EPA 8290
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	General Chemistry	Moisture	MOIST	0.47	0.47	percent	Y		ASTM 2216
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	General Chemistry	Moisture	MOIST	1.2	1.2	percent	Y		ASTM 2216
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	General Chemistry	Total Solids	RESTOT	99	99	percent	Y		ASTM 2216
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	OCPs	Hexachlorobenzene	118-74-1	0.029		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	PAHs	Acenaphthene	83-32-9	0.01		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(a)anthracene	56-55-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(a)pyrene	50-32-8	0.02		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.026		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.016		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.04		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	PAHs	Chrysene	218-01-9	0.027		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	PAHs	Fluoranthene	206-44-0	0.036		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.022		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	PAHs	Naphthalene	91-20-3	0.031		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	SVOCs	1,4-Dioxane	123-91-1	0.066		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.099	0.099	mg/kg	Y	J	EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.043		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	SVOCs	Diethylphthalate	84-66-2	0.026		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	SVOCs	Dimethylphthalate	131-11-3	0.033	0.033	mg/kg	Y	J	EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.014		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	SVOCs	Nitrobenzene	98-95-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	SVOCs	Octachlorostyrene	29082-74-4	0.057		mg/kg	N		EPA 8270C
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0011	0.0011	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000075	0.000075	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00052	0.00052	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000042	0.000042	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0002	0.0002	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00018	0.00018	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000047	0.0000047	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000022	0.000022	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000092	0.0000092	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000081	0.0000081	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000037	0.000037	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000056	0.000056	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000059	0.000059	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000024	0.0000024	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	General Chemistry	Moisture	MOIST	0.1		percent	N		ASTM 2216
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	General Chemistry	Moisture	MOIST	1.3	1.3	percent	Y		ASTM 2216
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	General Chemistry	Total Solids	RESTOT	99	99	percent	Y		ASTM 2216
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	OCPs	Hexachlorobenzene	118-74-1	0.11		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	PAHs	2-Methylnaphthalene	91-57-6	0.071		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	PAHs	Acenaphthene	83-32-9	0.039		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	PAHs	Acenaphthylene	208-96-8	0.064		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	PAHs	Anthracene	120-12-7	0.064		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(a)anthracene	56-55-3	0.075		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(a)pyrene	50-32-8	0.075		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.098		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.06		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.15		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	PAHs	Chrysene	218-01-9	0.1	0.1	mg/kg	Y	J	EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.071		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	PAHs	Fluoranthene	206-44-0	0.14		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	PAHs	Fluorene	86-73-7	0.068		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.083		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	PAHs	Naphthalene	91-20-3	0.12		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	PAHs	Phenanthrene	85-01-8	0.064		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	PAHs	Pyrene	129-00-0	0.14	0.14	mg/kg	Y	J	EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	SVOCs	1,4-Dioxane	123-91-1	0.25		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.39	0.39	mg/kg	Y	J	EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.16		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	SVOCs	Diethylphthalate	84-66-2	0.098		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	SVOCs	Dimethylphthalate	131-11-3	0.086		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.11		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.054		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	SVOCs	Nitrobenzene	98-95-3	0.083		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	SVOCs	Octachlorostyrene	29082-74-4	0.21		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	SVOCs	Pyridine	110-86-1	0.49		mg/kg	N		EPA 8270C
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00067	0.00067	mg/kg	Y	J	EPA 8290
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000022	0.000022	mg/kg	Y	J	EPA 8290
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00026	0.00026	mg/kg	Y	J	EPA 8290
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000019	0.000019	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00013	0.00013	mg/kg	Y	J	EPA 8290
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000025	0.0000025	mg/kg	Y	J	EPA 8290
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000074	0.000074	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000055	0.0000055	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000054	0.0000054	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000049	0.000049	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000037	0.0000037	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000018	0.000018	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000026	0.000026	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000026	0.000026	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000011	0.0000011	mg/kg	Y		EPA 8290
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	General Chemistry	Moisture	MOIST	5.2	5.2	percent	Y		ASTM 2216
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	Metals	Arsenic	7440-38-2	3.3	3.3	mg/kg	Y		EPA 6020
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.015	0.015	mg/kg	Y	J	EPA 8290
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00041	0.00041	mg/kg	Y	J	EPA 8290
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0047	0.0047	mg/kg	Y	J	EPA 8290
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00042	0.00042	mg/kg	Y	J	EPA 8290
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0022	0.0022	mg/kg	Y	J	EPA 8290
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0017	0.0017	mg/kg	Y	J	EPA 8290
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000053	0.000053	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0013	0.0013	mg/kg	Y	J	EPA 8290
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00018	0.00018	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0011	0.0011	mg/kg	Y	J	EPA 8290
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000081	0.000081	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00035	0.00035	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00055	0.00055	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00069	0.00069	mg/kg	Y	J	EPA 8290
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000025	0.000025	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	General Chemistry	Moisture	MOIST	6.1	6.1	percent	Y		ASTM 2216
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	General Chemistry	Moisture	MOIST	5.3	5.3	percent	Y		ASTM 2216
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	General Chemistry	Total Solids	RESTOT	94	94	percent	Y		ASTM 2216
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	OCPs	Hexachlorobenzene	118-74-1	0.47	0.47	mg/kg	Y		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	PAHs	Benzo(a)anthracene	56-55-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	PAHs	Benzo(a)pyrene	50-32-8	0.02		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.027		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.016		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.041		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	PAHs	Fluoranthene	206-44-0	0.037		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.022		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	SVOCs	1,4-Dioxane	123-91-1	0.067		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.047		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.044		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	SVOCs	Dimethylphthalate	131-11-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	SVOCs	Nitrobenzene	98-95-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	SVOCs	Octachlorostyrene	29082-74-4	0.15	0.15	mg/kg	Y	J	EPA 8270C
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0023	0.0023	mg/kg	Y	J	EPA 8290
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000073	0.000073	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00086	0.00086	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000072	0.000072	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0003	0.0003	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00033	0.00033	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000009	0.000009	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00024	0.00024	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00002	0.00002	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00003	0.00003	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000021	0.000021	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00018	0.00018	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000015	0.000015	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000063	0.000063	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000095	0.000095	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000042	0.0000042	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	General Chemistry	Moisture	MOIST	5.8	5.8	percent	Y		ASTM 2216
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	General Chemistry	Moisture	MOIST	6.3	6.3	percent	Y		ASTM 2216
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	General Chemistry	Total Solids	RESTOT	94	94	percent	Y		ASTM 2216
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	OCPs	Hexachlorobenzene	118-74-1	0.13	0.13	mg/kg	Y	J	EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	PAHs	Acenaphthene	83-32-9	0.01		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	PAHs	Benzo(a)anthracene	56-55-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	PAHs	Benzo(a)pyrene	50-32-8	0.02		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.026		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.016		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.04		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	PAHs	Chrysene	218-01-9	0.027		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	PAHs	Fluoranthene	206-44-0	0.036		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.022		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	PAHs	Naphthalene	91-20-3	0.031		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	SVOCs	1,4-Dioxane	123-91-1	0.067		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.046		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.043		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	SVOCs	Diethylphthalate	84-66-2	0.026		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	SVOCs	Dimethylphthalate	131-11-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	SVOCs	Nitrobenzene	98-95-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	SVOCs	Octachlorostyrene	29082-74-4	0.058		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00053	0.00053	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000019	0.000019	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00022	0.00022	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000018	0.000018	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000083	0.000083	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000082	0.000082	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000023	0.0000023	mg/kg	Y	J	EPA 8290
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000062	0.000062	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000053	0.0000053	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000094	0.0000094	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000005	0.000005	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000042	0.000042	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000034	0.0000034	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000023	0.000023	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000029	0.000029	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000012	0.0000012	mg/kg	Y		EPA 8290
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	General Chemistry	Moisture	MOIST	5.8	5.8	percent	Y		ASTM 2216
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	General Chemistry	Moisture	MOIST	6.6	6.6	percent	Y		ASTM 2216
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	General Chemistry	Total Solids	RESTOT	93	93	percent	Y		ASTM 2216
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	OCPs	Hexachlorobenzene	118-74-1	0.031	0.031	mg/kg	Y	J	EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.027		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.016		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.041		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	PAHs	Fluoranthene	206-44-0	0.037		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	SVOCs	1,4-Dioxane	123-91-1	0.068		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.047		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.044		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	SVOCs	Octachlorostyrene	29082-74-4	0.058		mg/kg	N		EPA 8270C
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0013	0.0013	mg/kg	Y	J	EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00004	0.00004	mg/kg	Y	J	EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0005	0.0005	mg/kg	Y	J	EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000039	0.000039	mg/kg	Y	J	EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00027	0.00027	mg/kg	Y	J	EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00023	0.00023	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000066	0.0000066	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0002	0.0002	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000015	0.000015	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000042	0.000042	mg/kg	Y	J	EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00016	0.00016	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000044	0.000044	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000077	0.000077	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000024	0.0000024	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	General Chemistry	Moisture	MOIST	6.8	6.8	percent	Y		ASTM 2216
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	Metals	Arsenic	7440-38-2	3.6	3.6	mg/kg	Y		EPA 6020
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0012	0.0012	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000035	0.000035	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00044	0.00044	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000035	0.000035	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00022	0.00022	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00025	0.00025	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000053	0.0000053	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00016	0.00016	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000021	0.000021	mg/kg	Y	J	EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000086	0.0000086	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00021	0.00021	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00001	0.00001	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000035	0.000035	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000082	0.000082	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00017	0.00017	mg/kg	Y	J	EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000024	0.0000024	mg/kg	Y		EPA 8290
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	General Chemistry	Moisture	MOIST	6.3	6.3	percent	Y		ASTM 2216
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	Metals	Arsenic	7440-38-2	3.5	3.5	mg/kg	Y		EPA 6020
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	General Chemistry	Moisture	MOIST	4	4	percent	Y		ASTM 2216
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	General Chemistry	Total Solids	RESTOT	96	96	percent	Y		ASTM 2216
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	PAHs	Naphthalene	91-20-3	0.00056		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	SVOCs	Hexachlorobutadiene	87-68-3	0.00049		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0005		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,1,1-Trichloroethane	71-55-6	0.00047		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00055		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,1,2-Trichloroethane	79-00-5	0.00079		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,1-Dichloroethane	75-34-3	0.00019		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,1-Dichloroethene	75-35-4	0.00079	0.00079	mg/kg	Y	J	EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,1-Dichloropropene	563-58-6	0.00048		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00067		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,2,3-Trichloropropane	96-18-4	0.00073		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00065		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00052		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00054		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,2-Dibromoethane	106-93-4	0.00047		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,2-Dichlorobenzene	95-50-1	0.0004		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,2-Dichloroethane	107-06-2	0.00063		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,2-Dichloropropane	78-87-5	0.00049		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00051		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,3-Dichlorobenzene	541-73-1	0.00043		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,3-Dichloropropane	142-28-9	0.00046		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,4-Dichlorobenzene	106-46-7	0.0007		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	2,2-Dichloropropane	594-20-7	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	2-Butanone	78-93-3	0.0016		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	2-Chlorotoluene	95-49-8	0.00046		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	2-Hexanone	591-78-6	0.0044		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	4-Chlorotoluene	106-43-4	0.0007		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	4-Methyl-2-pentanone	108-10-1	0.0039		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Acetone	67-64-1	0.0048		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Benzene	71-43-2	0.00042		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Bromobenzene	108-86-1	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Bromochloromethane	74-97-5	0.00027		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Bromodichloromethane	75-27-4	0.0002		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Bromoform	75-25-2	0.00021		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Bromomethane	74-83-9	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Carbon tetrachloride	56-23-5	0.00056		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Chlorobenzene	108-90-7	0.00048		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Chloroethane	75-00-3	0.0008		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Chloroform	67-66-3	0.00026		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Chloromethane	74-87-3	0.00069		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0005		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0012		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Cumene	98-82-8	0.00053		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Dibromochloromethane	124-48-1	0.00051		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Dibromomethane	74-95-3	0.00075		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Dichlorodifluoromethane	75-71-8	0.00047		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Diisopropyl ether	108-20-3	0.0024		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Ethyl tert-butyl ether	637-92-3	0.0038		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	m,p-Xylene	179601-23-1	0.00093		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Methyl tert-butyl ether	1634-04-4	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Methylene Chloride	75-09-2	0.0019	0.0019	mg/kg	Y	J	EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	n-Butylbenzene	104-51-8	0.0005		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	n-Propylbenzene	103-65-1	0.00052		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	o-Xylene	95-47-6	0.00055		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	p-Cymene	99-87-6	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	sec-Butylbenzene	135-98-8	0.00069		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Styrene	100-42-5	0.00056		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	t-Amyl methyl ether	994-05-8	0.0014		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	tert Butyl alcohol	75-65-0	0.012		mg/kg	N	UJ	EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	tert-Butylbenzene	98-06-6	0.00045		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Tetrachloroethene	127-18-4	0.00053		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Toluene	108-88-3	0.00062		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0006		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Trichloroethene	79-01-6	0.00021		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Trichlorofluoromethane	75-69-4	0.00093		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Vinyl chloride	75-01-4	0.0012		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	General Chemistry	Moisture	MOIST	2.9	2.9	percent	Y		ASTM 2216
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	General Chemistry	Total Solids	RESTOT	97	97	percent	Y		ASTM 2216
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	Metals	Arsenic	7440-38-2	3.2	3.2	mg/kg	Y		EPA 6020
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	Metals	Cobalt	7440-48-4	9.4	9.4	mg/kg	Y		EPA 6020
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	Metals	Lead	7439-92-1	9.9	9.9	mg/kg	Y	J-	EPA 6020
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	Metals	Manganese	7439-96-5	560	560	mg/kg	Y		EPA 6020
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	OCPs	Hexachlorobenzene	118-74-1	0.029		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	PAHs	Acenaphthene	83-32-9	0.01		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	PAHs	Benzo(a)anthracene	56-55-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	PAHs	Benzo(a)pyrene	50-32-8	0.02		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.026		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.016		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.04		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	PAHs	Chrysene	218-01-9	0.027		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	PAHs	Fluoranthene	206-44-0	0.036		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.022		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	PAHs	Naphthalene	91-20-3	0.031		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	SVOCs	1,4-Dioxane	123-91-1	0.065		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.046		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.043		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	SVOCs	Diethylphthalate	84-66-2	0.026		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	SVOCs	Dimethylphthalate	131-11-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.014		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	SVOCs	Hexachlorobutadiene	87-68-3	0.00045	0.00045	mg/kg	Y	J	EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	SVOCs	Nitrobenzene	98-95-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	SVOCs	Octachlorostyrene	29082-74-4	0.056		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,1,1-Trichloroethane	71-55-6	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,1,2-Trichloroethane	79-00-5	0.00051		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,1-Dichloroethane	75-34-3	0.00012		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,1-Dichloroethene	75-35-4	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,1-Dichloropropene	563-58-6	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,2,3-Trichloropropane	96-18-4	0.00047		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00042		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,2-Dibromoethane	106-93-4	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,2-Dichlorobenzene	95-50-1	0.00026		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,2-Dichloroethane	107-06-2	0.0004		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,2-Dichloropropane	78-87-5	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,3-Dichlorobenzene	541-73-1	0.00028		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,3-Dichloropropane	142-28-9	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,4-Dichlorobenzene	106-46-7	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	2,2-Dichloropropane	594-20-7	0.00025		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	2-Butanone	78-93-3	0.0018	0.0018	mg/kg	Y	J	EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	2-Chlorotoluene	95-49-8	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	2-Hexanone	591-78-6	0.0028		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	4-Chlorotoluene	106-43-4	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Acetone	67-64-1	0.014	0.014	mg/kg	Y		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Benzene	71-43-2	0.00027		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Bromobenzene	108-86-1	0.00028		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Bromochloromethane	74-97-5	0.00017		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Bromodichloromethane	75-27-4	0.00013		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Bromoform	75-25-2	0.00013		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Bromomethane	74-83-9	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Carbon tetrachloride	56-23-5	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Chlorobenzene	108-90-7	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Chloroethane	75-00-3	0.00051		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Chloroform	67-66-3	0.00062	0.00062	mg/kg	Y	J	EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Chloromethane	74-87-3	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00074		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Cumene	98-82-8	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Dibromochloromethane	124-48-1	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Dibromomethane	74-95-3	0.00049		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Dichlorodifluoromethane	75-71-8	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Diisopropyl ether	108-20-3	0.0016		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Ethyl tert-butyl ether	637-92-3	0.0025		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	m,p-Xylene	179601-23-1	0.0006		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Methyl tert-butyl ether	1634-04-4	0.0002		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Methylene Chloride	75-09-2	0.00094	0.00094	mg/kg	Y	J	EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	n-Butylbenzene	104-51-8	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	n-Propylbenzene	103-65-1	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	o-Xylene	95-47-6	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	p-Cymene	99-87-6	0.00028		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	sec-Butylbenzene	135-98-8	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Styrene	100-42-5	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	t-Amyl methyl ether	994-05-8	0.0009		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	tert Butyl alcohol	75-65-0	0.0074		mg/kg	N	UJ	EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	tert-Butylbenzene	98-06-6	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Tetrachloroethene	127-18-4	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Toluene	108-88-3	0.0004		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00023		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Trichloroethene	79-01-6	0.00013		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Trichlorofluoromethane	75-69-4	0.0006		mg/kg	N		EPA 8260B
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	VOCs	Vinyl chloride	75-01-4	0.00077		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	General Chemistry	Moisture	MOIST	5.5	5.5	percent	Y		ASTM 2216
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	General Chemistry	Total Solids	RESTOT	94	94	percent	Y		ASTM 2216
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	PAHs	Naphthalene	91-20-3	0.00037		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	SVOCs	Hexachlorobutadiene	87-68-3	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,1,1-Trichloroethane	71-55-6	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,1,2-Trichloroethane	79-00-5	0.00052		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,1-Dichloroethane	75-34-3	0.00012		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,1-Dichloroethene	75-35-4	0.00083	0.00083	mg/kg	Y	J	EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,1-Dichloropropene	563-58-6	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,2,3-Trichloropropane	96-18-4	0.00048		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00043		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,2-Dibromoethane	106-93-4	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,2-Dichlorobenzene	95-50-1	0.00027		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,2-Dichloroethane	107-06-2	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,2-Dichloropropane	78-87-5	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,3-Dichlorobenzene	541-73-1	0.00028		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,3-Dichloropropane	142-28-9	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	1,4-Dichlorobenzene	106-46-7	0.00046		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	2,2-Dichloropropane	594-20-7	0.00026		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	2-Butanone	78-93-3	0.0012	0.0012	mg/kg	Y	J	EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	2-Chlorotoluene	95-49-8	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	2-Hexanone	591-78-6	0.0029		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	4-Chlorotoluene	106-43-4	0.00046		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	4-Methyl-2-pentanone	108-10-1	0.0026		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Acetone	67-64-1	0.0074	0.0074	mg/kg	Y	J	EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Benzene	71-43-2	0.00028		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Bromobenzene	108-86-1	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Bromochloromethane	74-97-5	0.00018		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Bromodichloromethane	75-27-4	0.00013		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Bromoform	75-25-2	0.00014		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Bromomethane	74-83-9	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Carbon tetrachloride	56-23-5	0.00037		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Chlorobenzene	108-90-7	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Chloroethane	75-00-3	0.00053		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Chloroform	67-66-3	0.00017		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Chloromethane	74-87-3	0.00046		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00076		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Cumene	98-82-8	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Dibromochloromethane	124-48-1	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Dibromomethane	74-95-3	0.0005		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Dichlorodifluoromethane	75-71-8	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Diisopropyl ether	108-20-3	0.0016		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Ethyl tert-butyl ether	637-92-3	0.0025		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	m,p-Xylene	179601-23-1	0.00062		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Methyl tert-butyl ether	1634-04-4	0.0002		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Methylene Chloride	75-09-2	0.0013	0.0013	mg/kg	Y	J	EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	n-Butylbenzene	104-51-8	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	n-Propylbenzene	103-65-1	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	o-Xylene	95-47-6	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	p-Cymene	99-87-6	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	sec-Butylbenzene	135-98-8	0.00046		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Styrene	100-42-5	0.00037		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	t-Amyl methyl ether	994-05-8	0.00092		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	tert Butyl alcohol	75-65-0	0.0076		mg/kg	N	UJ	EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	tert-Butylbenzene	98-06-6	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Tetrachloroethene	127-18-4	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Toluene	108-88-3	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00023		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0004		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Trichloroethene	79-01-6	0.00014		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Trichlorofluoromethane	75-69-4	0.00062		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0.5BPC	0.5-1	N	--	9/7/2010	VOCs	Vinyl chloride	75-01-4	0.00079		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	General Chemistry	Moisture	MOIST	3	3	percent	Y		ASTM 2216
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	General Chemistry	Total Solids	RESTOT	97	97	percent	Y		ASTM 2216
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	Metals	Arsenic	7440-38-2	2.7	2.7	mg/kg	Y		EPA 6020
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	Metals	Cobalt	7440-48-4	7.7	7.7	mg/kg	Y		EPA 6020
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	Metals	Lead	7439-92-1	9.8	9.8	mg/kg	Y		EPA 6020
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	Metals	Manganese	7439-96-5	470	470	mg/kg	Y		EPA 6020
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	OCPs	Hexachlorobenzene	118-74-1	0.029		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	PAHs	Acenaphthene	83-32-9	0.01		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	PAHs	Benzo(a)anthracene	56-55-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	PAHs	Benzo(a)pyrene	50-32-8	0.02		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.026		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.016		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.04		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	PAHs	Chrysene	218-01-9	0.027		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	PAHs	Fluoranthene	206-44-0	0.036		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.022		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	PAHs	Naphthalene	91-20-3	0.031		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	SVOCs	1,4-Dioxane	123-91-1	0.065		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.045		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.042		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	SVOCs	Diethylphthalate	84-66-2	0.026		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	SVOCs	Dimethylphthalate	131-11-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.014		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	SVOCs	Hexachlorobutadiene	87-68-3	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	SVOCs	Nitrobenzene	98-95-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	SVOCs	Octachlorostyrene	29082-74-4	0.056		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,1,1-Trichloroethane	71-55-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,1,2-Trichloroethane	79-00-5	0.00065		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,1-Dichloroethane	75-34-3	0.00016		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,1-Dichloroethene	75-35-4	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,1-Dichloropropene	563-58-6	0.0004		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00056		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,2,3-Trichloropropane	96-18-4	0.0006		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00054		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00043		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,2-Dibromoethane	106-93-4	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,2-Dichlorobenzene	95-50-1	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,2-Dichloroethane	107-06-2	0.00052		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,2-Dichloropropane	78-87-5	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00042		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,3-Dichlorobenzene	541-73-1	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,3-Dichloropropane	142-28-9	0.00038		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	1,4-Dichlorobenzene	106-46-7	0.00058		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	2,2-Dichloropropane	594-20-7	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	2-Butanone	78-93-3	0.0022	0.0022	mg/kg	Y	J	EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	2-Chlorotoluene	95-49-8	0.00038		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	2-Hexanone	591-78-6	0.0036		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	4-Chlorotoluene	106-43-4	0.00058		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	4-Methyl-2-pentanone	108-10-1	0.0032		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Acetone	67-64-1	0.02	0.02	mg/kg	Y		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Benzene	71-43-2	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Bromobenzene	108-86-1	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Bromochloromethane	74-97-5	0.00022		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Bromodichloromethane	75-27-4	0.00016		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Bromoform	75-25-2	0.00017		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Bromomethane	74-83-9	0.00037		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Carbon tetrachloride	56-23-5	0.00047		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Chlorobenzene	108-90-7	0.0004		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Chloroethane	75-00-3	0.00066		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Chloroform	67-66-3	0.00021		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Chloromethane	74-87-3	0.00057		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00096		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Cumene	98-82-8	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Dibromochloromethane	124-48-1	0.00042		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Dibromomethane	74-95-3	0.00062		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Dichlorodifluoromethane	75-71-8	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Diisopropyl ether	108-20-3	0.002		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Ethyl tert-butyl ether	637-92-3	0.0032		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	m,p-Xylene	179601-23-1	0.00077		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Methyl tert-butyl ether	1634-04-4	0.00025		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Methylene Chloride	75-09-2	0.0013	0.0013	mg/kg	Y	J	EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	n-Butylbenzene	104-51-8	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	n-Propylbenzene	103-65-1	0.00043		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	o-Xylene	95-47-6	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	p-Cymene	99-87-6	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	sec-Butylbenzene	135-98-8	0.00057		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Styrene	100-42-5	0.00047		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	t-Amyl methyl ether	994-05-8	0.0011		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	tert Butyl alcohol	75-65-0	0.0096		mg/kg	N	UJ	EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	tert-Butylbenzene	98-06-6	0.00037		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Tetrachloroethene	127-18-4	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Toluene	108-88-3	0.00051		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0005		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Trichloroethene	79-01-6	0.00017		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Trichlorofluoromethane	75-69-4	0.00077		mg/kg	N		EPA 8260B
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	VOCs	Vinyl chloride	75-01-4	0.00099		mg/kg	N		EPA 8260B
DU-1	SSAN8-01	SSAN8-01-2BPC	0-1	N	--	5/4/2010	Metals	Arsenic	7440-38-2	3	3	mg/kg	Y		EPA 6020
DU-1	SSAN8-01	SSAN8-01-2BPC	0-1	N	--	5/4/2010	Metals	Manganese	7439-96-5	450	450	mg/kg	Y		EPA 6020
DU-1	SSAN8-06	SSAN8-06-2_01_BPC	0-1	N	--	10/27/2010	General Chemistry	Moisture	MOIST	11	11	percent	Y		ASTM 2216
DU-1	SSAN8-06	SSAN8-06-2_01_BPC	0-1	N	--	10/27/2010	General Chemistry	Total Solids	RESTOT	89	89	percent	Y		ASTM 2216
DU-1	SSAN8-06	SSAN8-06-2_01_BPC	0-1	N	--	10/27/2010	Metals	Arsenic	7440-38-2	2.9	2.9	mg/kg	Y		EPA 6020
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	General Chemistry	Moisture	MOIST	1.6	1.6	percent	Y		ASTM 2216
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	General Chemistry	Total Solids	RESTOT	98	98	percent	Y		ASTM 2216
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	Metals	Arsenic	7440-38-2	4.9	4.9	mg/kg	Y		EPA 6020
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	PAHs	Naphthalene	91-20-3	0.00037		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	SVOCs	Hexachlorobutadiene	87-68-3	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	1,1,1-Trichloroethane	71-55-6	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	1,1,2-Trichloroethane	79-00-5	0.00051		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	1,1-Dichloroethane	75-34-3	0.00012		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	1,1-Dichloroethene	75-35-4	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	1,1-Dichloropropene	563-58-6	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	1,2,3-Trichloropropane	96-18-4	0.00047		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00042		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	1,2-Dibromoethane	106-93-4	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	1,2-Dichlorobenzene	95-50-1	0.00026		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	1,2-Dichloroethane	107-06-2	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	1,2-Dichloropropane	78-87-5	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	1,3-Dichlorobenzene	541-73-1	0.00028		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	1,3-Dichloropropane	142-28-9	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	1,4-Dichlorobenzene	106-46-7	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	2,2-Dichloropropane	594-20-7	0.00026		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	2-Butanone	78-93-3	0.0011		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	2-Chlorotoluene	95-49-8	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	2-Hexanone	591-78-6	0.0028		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	4-Chlorotoluene	106-43-4	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Acetone	67-64-1	0.0031		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Benzene	71-43-2	0.00027		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Bromobenzene	108-86-1	0.00028		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Bromochloromethane	74-97-5	0.00017		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Bromodichloromethane	75-27-4	0.00013		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Bromoform	75-25-2	0.00013		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Bromomethane	74-83-9	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Carbon tetrachloride	56-23-5	0.00037		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Chlorobenzene	108-90-7	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Chloroethane	75-00-3	0.00052		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Chloroform	67-66-3	0.00017		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Chloromethane	74-87-3	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00075		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Cumene	98-82-8	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Dibromochloromethane	124-48-1	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Dibromomethane	74-95-3	0.00049		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Dichlorodifluoromethane	75-71-8	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Diisopropyl ether	108-20-3	0.0016		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Ethyl tert-butyl ether	637-92-3	0.0025		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	m,p-Xylene	179601-23-1	0.0006		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Methyl tert-butyl ether	1634-04-4	0.0002		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Methylene Chloride	75-09-2	0.0005	0.0005	mg/kg	Y	J	EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	n-Butylbenzene	104-51-8	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	n-Propylbenzene	103-65-1	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	o-Xylene	95-47-6	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	p-Cymene	99-87-6	0.00028		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	sec-Butylbenzene	135-98-8	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Styrene	100-42-5	0.00037		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	t-Amyl methyl ether	994-05-8	0.0009		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	tert Butyl alcohol	75-65-0	0.0075		mg/kg	N	UJ	EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	tert-Butylbenzene	98-06-6	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Tetrachloroethene	127-18-4	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Toluene	108-88-3	0.0004		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00023		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Trichloroethene	79-01-6	0.00013		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Trichlorofluoromethane	75-69-4	0.0006		mg/kg	N		EPA 8260B
DU-1	SSAN8-07	SSAN8-07-0.5BPC	0-0.5	N	--	9/7/2010	VOCs	Vinyl chloride	75-01-4	0.00078		mg/kg	N		EPA 8260B
DU-1	SSAO3-01	SSAO3-01-2BPC	0-0	N	--	4/13/2010	Metals	Arsenic	7440-38-2	3.9	3.9	mg/kg	Y		EPA 6020
DU-1	SSAO3-01	SSAO3-01-3BPC	0-0.5	N	--	4/13/2010	Metals	Arsenic	7440-38-2	3.6	3.6	mg/kg	Y		EPA 6020
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	Metals	Arsenic	7440-38-2	4.1	4.1	mg/kg	Y		EPA 6020
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	Metals	Magnesium	7439-95-4	8100	8100	mg/kg	Y		EPA 6020
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	OCPs	Hexachlorobenzene	118-74-1	0.032		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	PAHs	2-Methylnaphthalene	91-57-6	0.021		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	PAHs	Acenaphthylene	208-96-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	PAHs	Anthracene	120-12-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	PAHs	Benzo(a)anthracene	56-55-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	PAHs	Benzo(a)pyrene	50-32-8	0.022		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.045		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	PAHs	Chrysene	218-01-9	0.03		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	PAHs	Fluoranthene	206-44-0	0.04		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	PAHs	Fluorene	86-73-7	0.02		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	PAHs	Naphthalene	91-20-3	0.035		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	PAHs	Phenanthrene	85-01-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	SVOCs	1,4-Dioxane	123-91-1	0.073		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.051		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.048		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	SVOCs	Diethylphthalate	84-66-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	SVOCs	Dimethylphthalate	131-11-3	0.026		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.032		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	SVOCs	Octachlorostyrene	29082-74-4	0.063		mg/kg	N		EPA 8270C
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0022	0.0022	mg/kg	Y	J	EPA 8290
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00069	0.00069	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000058	0.000058	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00029	0.00029	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00022	0.00022	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000067	0.0000067	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000034	0.000034	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00018	0.00018	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000041	0.000041	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000088	0.000088	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000048	0.0000048	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	General Chemistry	Moisture	MOIST	0.52	0.52	percent	Y		ASTM 2216
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	General Chemistry	Moisture	MOIST	0.91	0.91	percent	Y		ASTM 2216
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	General Chemistry	Total Solids	RESTOT	99	99	percent	Y		ASTM 2216
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	OCPs	Hexachlorobenzene	118-74-1	0.088	0.088	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	PAHs	Acenaphthene	83-32-9	0.01		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(a)anthracene	56-55-3	0.025	0.025	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(a)pyrene	50-32-8	0.025	0.025	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.075	0.075	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.033	0.033	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.04		mg/kg	N	UJ	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	PAHs	Chrysene	218-01-9	0.05	0.05	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	PAHs	Fluoranthene	206-44-0	0.048	0.048	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023	0.023	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	PAHs	Naphthalene	91-20-3	0.031		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	PAHs	Pyrene	129-00-0	0.042	0.042	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	SVOCs	1,4-Dioxane	123-91-1	0.066		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.1	0.1	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.043		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	SVOCs	Diethylphthalate	84-66-2	0.026		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	SVOCs	Dimethylphthalate	131-11-3	0.029	0.029	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.014		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	SVOCs	Nitrobenzene	98-95-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	SVOCs	Octachlorostyrene	29082-74-4	0.057		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0029	0.0029	mg/kg	Y	J	EPA 8290
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000075	0.000075	mg/kg	Y	J	EPA 8290
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00063	0.00063	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000047	0.000047	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00031	0.00031	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00031	0.00031	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000057	0.0000057	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00019	0.00019	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000034	0.000034	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00001	0.00001	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000044	0.000044	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000072	0.000072	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000052	0.0000052	mg/kg	Y		EPA 8290
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	General Chemistry	Moisture	MOIST	7.3	7.3	percent	Y		ASTM 2216
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	Metals	Arsenic	7440-38-2	4.8	4.8	mg/kg	Y		EPA 6020
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	OCPs	Hexachlorobenzene	118-74-1	0.083	0.083	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Anthracene	120-12-7	0.018	0.018	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Benzo(a)anthracene	56-55-3	0.061	0.061	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Benzo(a)pyrene	50-32-8	0.093	0.093	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.22	0.22	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.11	0.11	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.042		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Chrysene	218-01-9	0.1	0.1	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Fluoranthene	206-44-0	0.073	0.073	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.095	0.095	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Naphthalene	91-20-3	0.033		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Phenanthrene	85-01-8	0.052	0.052	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Pyrene	129-00-0	0.079	0.079	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	SVOCs	1,4-Dioxane	123-91-1	0.07		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.82	0.82	mg/kg	Y		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.045		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.088	0.088	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	SVOCs	Octachlorostyrene	29082-74-4	0.06		mg/kg	N		EPA 8270C
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00025	0.00025	mg/kg	Y	J	EPA 8290
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000055	0.0000055	mg/kg	Y	J	EPA 8290
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000067	0.000067	mg/kg	Y		EPA 8290
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000042	0.0000042	mg/kg	Y		EPA 8290
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000029	0.000029	mg/kg	Y		EPA 8290
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000025	0.000025	mg/kg	Y		EPA 8290
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000046	0.00000046	mg/kg	Y	JK	EPA 8290
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000017	0.000017	mg/kg	Y		EPA 8290
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000001	0.000001	mg/kg	Y	J	EPA 8290
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000015	0.0000015	mg/kg	Y	J	EPA 8290
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000086	0.00000086	mg/kg	Y	J	EPA 8290
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000049	0.00000049	mg/kg	Y	JK	EPA 8290
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000042	0.0000042	mg/kg	Y		EPA 8290
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000049	0.0000049	mg/kg	Y		EPA 8290
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000057	0.0000057	mg/kg	Y		EPA 8290
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000031	0.00000031	mg/kg	Y	J	EPA 8290
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	General Chemistry	Moisture	MOIST	7.7	7.7	percent	Y		ASTM 2216
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	Metals	Arsenic	7440-38-2	3.9	3.9	mg/kg	Y		EPA 6020
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	OCPs	Hexachlorobenzene	118-74-1	0.031		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.043		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	PAHs	Fluoranthene	206-44-0	0.038		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	PAHs	Naphthalene	91-20-3	0.033		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	SVOCs	1,4-Dioxane	123-91-1	0.07		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.087	0.087	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.046		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	SVOCs	Octachlorostyrene	29082-74-4	0.061		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAO4-02	SSAO4-02-5BPC	0-1	N	--	4/8/2010	Metals	Arsenic	7440-38-2	4.8	4.8	mg/kg	Y		EPA 6020
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0031	0.0031	mg/kg	Y	J	EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000082	0.000082	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00081	0.00081	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000056	0.000056	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00031	0.00031	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00029	0.00029	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000064	0.0000064	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00022	0.00022	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000036	0.000036	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00016	0.00016	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000052	0.000052	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000082	0.000082	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000041	0.0000041	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	General Chemistry	Moisture	MOIST	6	6	percent	Y		ASTM 2216
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	Metals	Arsenic	7440-38-2	4.2	4.2	mg/kg	Y		EPA 6020
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	OCPs	Hexachlorobenzene	118-74-1	0.046	0.046	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.032	0.032	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.022	0.022	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.042		mg/kg	N	UJ	EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	PAHs	Fluoranthene	206-44-0	0.037		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	PAHs	Pyrene	129-00-0	0.013	0.013	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	SVOCs	1,4-Dioxane	123-91-1	0.069		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.048		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.045		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	SVOCs	Octachlorostyrene	29082-74-4	0.059		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0026	0.0026	mg/kg	Y	J	EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000061	0.000061	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00065	0.00065	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00005	0.00005	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00033	0.00033	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00031	0.00031	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000007	0.000007	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00021	0.00021	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000039	0.000039	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000015	0.000015	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00018	0.00018	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000049	0.000049	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000095	0.000095	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00013	0.00013	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000049	0.0000049	mg/kg	Y		EPA 8290
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	General Chemistry	Moisture	MOIST	6.3	6.3	percent	Y		ASTM 2216
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	Metals	Arsenic	7440-38-2	6.2	6.2	mg/kg	Y		EPA 6020

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	OCPs	Hexachlorobenzene	118-74-1	0.064	0.064	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	PAHs	Benzo(a)anthracene	56-55-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	PAHs	Benzo(a)pyrene	50-32-8	0.02		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.038	0.038	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.021	0.021	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.041		mg/kg	N	UJ	EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	PAHs	Fluoranthene	206-44-0	0.037		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	PAHs	Pyrene	129-00-0	0.015	0.015	mg/kg	Y	J	EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	SVOCs	1,4-Dioxane	123-91-1	0.068		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.047		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.044		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	SVOCs	Octachlorostyrene	29082-74-4	0.058		mg/kg	N		EPA 8270C
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	SSAO5-02	SSAO5-02-4BPC	0-0	N	--	4/8/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	18	18	mg/kg	Y		EPA 314.0
DU-1	SSAO5-02	SSAO5-02-5BPC	0-0.5	N	--	4/8/2010	Metals	Arsenic	7440-38-2	5	5	mg/kg	Y		EPA 6020
DU-1	SSAO5-02	SSAO5-02-5BPC	0-0.5	N	--	4/8/2010	Metals	Magnesium	7439-95-4	10000	10000	mg/kg	Y		EPA 6020
DU-1	SSAO5-02	SSAO5-02-6BPC	0.5-1.5	N	--	4/8/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	13	13	mg/kg	Y		EPA 314.0
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	110	110	mg/kg	Y		EPA 314.0
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00048	0.00048	mg/kg	Y	J	EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000022	0.000022	mg/kg	Y	J	EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000076	0.000076	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000024	0.0000024	mg/kg	Y	J+	EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00005	0.00005	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000042	0.0000042	mg/kg	Y	J+	EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000081	0.0000081	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000036	0.0000036	mg/kg	Y	J+	EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000058	0.000058	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000034	0.0000034	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000024	0.000024	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00016	0.00016	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000015	0.0000015	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	General Chemistry	Moisture	MOIST	6.1	6.1	percent	Y		ASTM 2216
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Metals	Arsenic	7440-38-2	4.9	4.9	mg/kg	Y		EPA 6020
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Metals	Cobalt	7440-48-4	7.7	7.7	mg/kg	Y		EPA 6020
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	Metals	Manganese	7439-96-5	790	790	mg/kg	Y		EPA 6020
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	OCPs	Hexachlorobenzene	118-74-1	0.032		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	PAHs	2-Methylnaphthalene	91-57-6	0.021		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	PAHs	Acenaphthene	83-32-9	0.012		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	PAHs	Acenaphthylene	208-96-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	PAHs	Anthracene	120-12-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	PAHs	Benzo(a)anthracene	56-55-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	PAHs	Benzo(a)pyrene	50-32-8	0.022		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.045		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	PAHs	Chrysene	218-01-9	0.03		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	PAHs	Fluoranthene	206-44-0	0.04		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	PAHs	Fluorene	86-73-7	0.02		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.025		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	PAHs	Naphthalene	91-20-3	0.035		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	PAHs	Phenanthrene	85-01-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	PAHs	Pyrene	129-00-0	0.014		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	SVOCs	1,4-Dioxane	123-91-1	0.074		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.051		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.048		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	SVOCs	Diethylphthalate	84-66-2	0.029		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	SVOCs	Dimethylphthalate	131-11-3	0.026		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.032		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	SVOCs	Nitrobenzene	98-95-3	0.025		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	SVOCs	Octachlorostyrene	29082-74-4	0.064		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	110	110	mg/kg	Y		EPA 314.0
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00094	0.00094	mg/kg	Y	J	EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000022	0.000022	mg/kg	Y	J	EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0002	0.0002	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000094	0.000094	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000096	0.000096	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000026	0.0000026	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000063	0.000063	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000048	0.0000048	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000092	0.0000092	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000041	0.0000041	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000062	0.000062	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000004	0.000004	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000015	0.000015	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000026	0.000026	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000016	0.0000016	mg/kg	Y		EPA 8290
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	General Chemistry	Moisture	MOIST	6	6	percent	Y		ASTM 2216
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Metals	Arsenic	7440-38-2	5.2	5.2	mg/kg	Y		EPA 6020
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Metals	Cobalt	7440-48-4	9	9	mg/kg	Y		EPA 6020
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	Metals	Manganese	7439-96-5	800	800	mg/kg	Y		EPA 6020
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	OCPs	Hexachlorobenzene	118-74-1	0.031		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	PAHs	2-Methylnaphthalene	91-57-6	0.021		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	PAHs	Benzo(a)anthracene	56-55-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	PAHs	Benzo(a)pyrene	50-32-8	0.022		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.043		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	PAHs	Fluoranthene	206-44-0	0.039		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	PAHs	Naphthalene	91-20-3	0.033		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	SVOCs	1,4-Dioxane	123-91-1	0.071		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.05		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.046		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	SVOCs	Octachlorostyrene	29082-74-4	0.062		mg/kg	N		EPA 8270C
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	Metals	Arsenic	7440-38-2	4.7	4.7	mg/kg	Y		EPA 6020
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	Metals	Cobalt	7440-48-4	13	13	mg/kg	Y		EPA 6020
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	Metals	Manganese	7439-96-5	1600	1600	mg/kg	Y		EPA 6020
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	OCPs	Hexachlorobenzene	118-74-1	0.03		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.027		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N	UJ	EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.042		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	PAHs	Fluoranthene	206-44-0	0.037		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	SVOCs	1,4-Dioxane	123-91-1	0.068		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14	0.14	mg/kg	Y	J	EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.045		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	SVOCs	Octachlorostyrene	29082-74-4	0.059		mg/kg	N		EPA 8270C
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	General Chemistry	Moisture	MOIST	6.7	6.7	percent	Y		ASTM 2216
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	General Chemistry	Total Solids	RESTOT	93	93	percent	Y		ASTM 2216
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	PAHs	Naphthalene	91-20-3	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	SVOCs	Hexachlorobutadiene	87-68-3	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	1,1,1-Trichloroethane	71-55-6	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	1,1,2-Trichloroethane	79-00-5	0.00051		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	1,1-Dichloroethane	75-34-3	0.00012		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	1,1-Dichloroethene	75-35-4	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	1,1-Dichloropropene	563-58-6	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	1,2,3-Trichloropropane	96-18-4	0.00047		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00042		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	1,2-Dibromoethane	106-93-4	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	1,2-Dichlorobenzene	95-50-1	0.00026		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	1,2-Dichloroethane	107-06-2	0.0004		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	1,2-Dichloropropane	78-87-5	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	1,3-Dichlorobenzene	541-73-1	0.00028		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	1,3-Dichloropropane	142-28-9	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	1,4-Dichlorobenzene	106-46-7	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	2,2-Dichloropropane	594-20-7	0.00025		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	2-Butanone	78-93-3	0.0011		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	2-Chlorotoluene	95-49-8	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	2-Hexanone	591-78-6	0.0028		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	4-Chlorotoluene	106-43-4	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Acetone	67-64-1	0.0031		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Benzene	71-43-2	0.00027		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Bromobenzene	108-86-1	0.00028		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Bromochloromethane	74-97-5	0.00017		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Bromodichloromethane	75-27-4	0.00013		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Bromoform	75-25-2	0.00013		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Bromomethane	74-83-9	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Carbon tetrachloride	56-23-5	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Chlorobenzene	108-90-7	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Chloroethane	75-00-3	0.00051		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Chloroform	67-66-3	0.00017		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Chloromethane	74-87-3	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00074		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Cumene	98-82-8	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Dibromochloromethane	124-48-1	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Dibromomethane	74-95-3	0.00048		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Dichlorodifluoromethane	75-71-8	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Diisopropyl ether	108-20-3	0.0016		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Ethyl tert-butyl ether	637-92-3	0.0025		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	m,p-Xylene	179601-23-1	0.0006		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Methyl tert-butyl ether	1634-04-4	0.0002		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Methylene Chloride	75-09-2	0.00082	0.00082	mg/kg	Y	J	EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	n-Butylbenzene	104-51-8	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	n-Propylbenzene	103-65-1	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	o-Xylene	95-47-6	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	p-Cymene	99-87-6	0.00028		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	sec-Butylbenzene	135-98-8	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Styrene	100-42-5	0.00036		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	t-Amyl methyl ether	994-05-8	0.00089		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	tert Butyl alcohol	75-65-0	0.0074		mg/kg	N	UJ	EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	tert-Butylbenzene	98-06-6	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Tetrachloroethene	127-18-4	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Toluene	108-88-3	0.0004		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00022		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Trichloroethene	79-01-6	0.00013		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Trichlorofluoromethane	75-69-4	0.0006		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0.5BPC	0.5-1	N	--	9/8/2010	VOCs	Vinyl chloride	75-01-4	0.00077		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	General Chemistry	Moisture	MOIST	2.4	2.4	percent	Y		ASTM 2216
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	General Chemistry	Total Solids	RESTOT	98	98	percent	Y		ASTM 2216
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	Metals	Arsenic	7440-38-2	3.9	3.9	mg/kg	Y		EPA 6020
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	Metals	Cobalt	7440-48-4	15	15	mg/kg	Y		EPA 6020
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	Metals	Lead	7439-92-1	7.3	7.3	mg/kg	Y		EPA 6020
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	Metals	Manganese	7439-96-5	6700	6700	mg/kg	Y		EPA 6020
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	OCPs	Hexachlorobenzene	118-74-1	0.03		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	PAHs	Benzo(a)anthracene	56-55-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	PAHs	Benzo(a)pyrene	50-32-8	0.02		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.027		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.016		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.041		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	PAHs	Fluoranthene	206-44-0	0.037		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.022		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	SVOCs	1,4-Dioxane	123-91-1	0.067		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.047		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.044		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	SVOCs	Dimethylphthalate	131-11-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	SVOCs	Hexachlorobutadiene	87-68-3	0.00041	0.00041	mg/kg	Y	J	EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	SVOCs	Nitrobenzene	98-95-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	SVOCs	Octachlorostyrene	29082-74-4	0.058		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	1,1,1-Trichloroethane	71-55-6	0.00028		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	1,1,2-Trichloroethane	79-00-5	0.00047		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	1,1-Dichloroethane	75-34-3	0.00011		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	1,1-Dichloroethene	75-35-4	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	1,1-Dichloropropene	563-58-6	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0004		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	1,2,3-Trichloropropane	96-18-4	0.00043		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	1,2-Dibromoethane	106-93-4	0.00028		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	1,2-Dichlorobenzene	95-50-1	0.00024		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	1,2-Dichloroethane	107-06-2	0.00037		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	1,2-Dichloropropane	78-87-5	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	1,3-Dichlorobenzene	541-73-1	0.00026		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	1,3-Dichloropropane	142-28-9	0.00027		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	1,4-Dichlorobenzene	106-46-7	0.00042		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	2,2-Dichloropropane	594-20-7	0.00023		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	2-Butanone	78-93-3	0.0015	0.0015	mg/kg	Y	J	EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	2-Chlorotoluene	95-49-8	0.00027		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	2-Hexanone	591-78-6	0.0026		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	4-Chlorotoluene	106-43-4	0.00042		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	4-Methyl-2-pentanone	108-10-1	0.0023		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Acetone	67-64-1	0.0088	0.0088	mg/kg	Y	J	EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Benzene	71-43-2	0.00025		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Bromobenzene	108-86-1	0.00026		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Bromochloromethane	74-97-5	0.00016		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Bromodichloromethane	75-27-4	0.00012		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Bromoform	75-25-2	0.00012		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Bromomethane	74-83-9	0.00027		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Carbon tetrachloride	56-23-5	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Chlorobenzene	108-90-7	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Chloroethane	75-00-3	0.00047		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Chloroform	67-66-3	0.00015		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Chloromethane	74-87-3	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00069		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Cumene	98-82-8	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Dibromochloromethane	124-48-1	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Dibromomethane	74-95-3	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Dichlorodifluoromethane	75-71-8	0.00028		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Diisopropyl ether	108-20-3	0.0014		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Ethyl tert-butyl ether	637-92-3	0.0023		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	m,p-Xylene	179601-23-1	0.00055		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Methyl tert-butyl ether	1634-04-4	0.00018		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Methylene Chloride	75-09-2	0.00084	0.00084	mg/kg	Y	J	EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	n-Butylbenzene	104-51-8	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	n-Propylbenzene	103-65-1	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	o-Xylene	95-47-6	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	p-Cymene	99-87-6	0.00026		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	sec-Butylbenzene	135-98-8	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Styrene	100-42-5	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	t-Amyl methyl ether	994-05-8	0.00083		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	tert Butyl alcohol	75-65-0	0.0069		mg/kg	N	UJ	EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	tert-Butylbenzene	98-06-6	0.00027		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Tetrachloroethene	127-18-4	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Toluene	108-88-3	0.00037		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00021		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Trichloroethene	79-01-6	0.00012		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Trichlorofluoromethane	75-69-4	0.00055		mg/kg	N		EPA 8260B
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	VOCs	Vinyl chloride	75-01-4	0.00071		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	General Chemistry	Moisture	MOIST	4.6	4.6	percent	Y		ASTM 2216
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	General Chemistry	Total Solids	RESTOT	95	95	percent	Y		ASTM 2216
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	PAHs	Naphthalene	91-20-3	0.00048		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	SVOCs	Hexachlorobutadiene	87-68-3	0.00042		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1,1-Trichloroethane	71-55-6	0.0004		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00047		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1,2-Trichloroethane	79-00-5	0.00068		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1-Dichloroethane	75-34-3	0.00016		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1-Dichloroethene	75-35-4	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1-Dichloropropene	563-58-6	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00058		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2,3-Trichloropropane	96-18-4	0.00062		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00056		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00046		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2-Dibromoethane	106-93-4	0.0004		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2-Dichlorobenzene	95-50-1	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2-Dichloroethane	107-06-2	0.00054		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2-Dichloropropane	78-87-5	0.00042		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,3-Dichlorobenzene	541-73-1	0.00037		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,3-Dichloropropane	142-28-9	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,4-Dichlorobenzene	106-46-7	0.0006		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	2,2-Dichloropropane	594-20-7	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	2-Butanone	78-93-3	0.0014		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	2-Chlorotoluene	95-49-8	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	2-Hexanone	591-78-6	0.0038		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	4-Chlorotoluene	106-43-4	0.0006		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	4-Methyl-2-pentanone	108-10-1	0.0034		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Acetone	67-64-1	0.0041		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Benzene	71-43-2	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Bromobenzene	108-86-1	0.00038		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Bromochloromethane	74-97-5	0.00023		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Bromodichloromethane	75-27-4	0.00017		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Bromoform	75-25-2	0.00018		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Bromomethane	74-83-9	0.00038		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Carbon tetrachloride	56-23-5	0.00048		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Chlorobenzene	108-90-7	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Chloroethane	75-00-3	0.00068		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Chloroform	67-66-3	0.00022		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Chloromethane	74-87-3	0.00059		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00043		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00099		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Cumene	98-82-8	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Dibromochloromethane	124-48-1	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Dibromomethane	74-95-3	0.00065		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Dichlorodifluoromethane	75-71-8	0.0004		mg/kg	N	UJ	EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Diisopropyl ether	108-20-3	0.0021		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Ethyl tert-butyl ether	637-92-3	0.0033		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	m,p-Xylene	179601-23-1	0.0008		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Methyl tert-butyl ether	1634-04-4	0.00026		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Methylene Chloride	75-09-2	0.0016	0.0016	mg/kg	Y	J	EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	n-Butylbenzene	104-51-8	0.00043		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	n-Propylbenzene	103-65-1	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	o-Xylene	95-47-6	0.00047		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	p-Cymene	99-87-6	0.00038		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	sec-Butylbenzene	135-98-8	0.00059		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Styrene	100-42-5	0.00048		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	t-Amyl methyl ether	994-05-8	0.0012		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	tert Butyl alcohol	75-65-0	0.0099		mg/kg	N	UJ	EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	tert-Butylbenzene	98-06-6	0.00038		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Tetrachloroethene	127-18-4	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Toluene	108-88-3	0.00053		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00051		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Trichloroethene	79-01-6	0.00018		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Trichlorofluoromethane	75-69-4	0.0008		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Vinyl chloride	75-01-4	0.001		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00024	0.00024	mg/kg	Y		EPA 8290
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00005	0.00005	mg/kg	Y		EPA 8290
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000039	0.000039	mg/kg	Y		EPA 8290
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000034	0.000034	mg/kg	Y		EPA 8290
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000088	0.00000088	mg/kg	Y	J	EPA 8290
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00002	0.00002	mg/kg	Y		EPA 8290
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000018	0.0000018	mg/kg	Y	J	EPA 8290
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000004	0.000004	mg/kg	Y		EPA 8290
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000016	0.0000016	mg/kg	Y	J	EPA 8290
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000012	0.0000012	mg/kg	Y	J	EPA 8290
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000044	0.0000044	mg/kg	Y		EPA 8290
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000088	0.0000088	mg/kg	Y		EPA 8290
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000079	0.0000079	mg/kg	Y		EPA 8290
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000036	0.00000036	mg/kg	Y	J	EPA 8290
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	General Chemistry	Moisture	MOIST	0.93	0.93	percent	Y		ASTM 2216
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	General Chemistry	Moisture	MOIST	2.4	2.4	percent	Y		ASTM 2216
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	General Chemistry	Total Solids	RESTOT	98	98	percent	Y		ASTM 2216
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Metals	Arsenic	7440-38-2	3.1	3.1	mg/kg	Y		EPA 6020
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Metals	Cobalt	7440-48-4	11	11	mg/kg	Y	J	EPA 6020
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Metals	Lead	7439-92-1	8.9	8.9	mg/kg	Y		EPA 6020
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	Metals	Manganese	7439-96-5	790	790	mg/kg	Y		EPA 6020
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	OCPs	Hexachlorobenzene	118-74-1	0.03		mg/kg	N		EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	PAHs	Benzo(a)anthracene	56-55-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	PAHs	Benzo(a)pyrene	50-32-8	0.02		mg/kg	N	UJ	EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.027		mg/kg	N	UJ	EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.016		mg/kg	N	UJ	EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.041		mg/kg	N	UJ	EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N	UJ	EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	PAHs	Fluoranthene	206-44-0	0.037		mg/kg	N		EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.022		mg/kg	N	UJ	EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	SVOCs	1,4-Dioxane	123-91-1	0.067		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.091	0.091	mg/kg	Y	J	EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.044		mg/kg	N		EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	SVOCs	Dimethylphthalate	131-11-3	0.023		mg/kg	N		EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N		EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	SVOCs	Hexachlorobutadiene	87-68-3	0.00038		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	SVOCs	Nitrobenzene	98-95-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	SVOCs	Octachlorostyrene	29082-74-4	0.058		mg/kg	N		EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	1,1,1-Trichloroethane	71-55-6	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00042		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	1,1,2-Trichloroethane	79-00-5	0.00061		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	1,1-Dichloroethane	75-34-3	0.00015		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	1,1-Dichloroethene	75-35-4	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	1,1-Dichloropropene	563-58-6	0.00037		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00052		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	1,2,3-Trichloropropane	96-18-4	0.00056		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00051		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00095	0.00095	mg/kg	Y	J	EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00042		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	1,2-Dibromoethane	106-93-4	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	1,2-Dichlorobenzene	95-50-1	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	1,2-Dichloroethane	107-06-2	0.00048		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	1,2-Dichloropropane	78-87-5	0.00038		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	1,3-Dichlorobenzene	541-73-1	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	1,3-Dichloropropane	142-28-9	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	1,4-Dichlorobenzene	106-46-7	0.00054		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	2,2-Dichloropropane	594-20-7	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	2-Butanone	78-93-3	0.027	0.027	mg/kg	Y		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	2-Chlorotoluene	95-49-8	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	2-Hexanone	591-78-6	0.0034		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	4-Chlorotoluene	106-43-4	0.00054		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	4-Methyl-2-pentanone	108-10-1	0.003		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Acetone	67-64-1	0.13	0.13	mg/kg	Y		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Benzene	71-43-2	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Bromobenzene	108-86-1	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Bromochloromethane	74-97-5	0.00021		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Bromodichloromethane	75-27-4	0.00015		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Bromoform	75-25-2	0.00016		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Bromomethane	74-83-9	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Carbon tetrachloride	56-23-5	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Chlorobenzene	108-90-7	0.00037		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Chloroethane	75-00-3	0.00062		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Chloroform	67-66-3	0.00081	0.00081	mg/kg	Y	J	EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Chloromethane	74-87-3	0.00053		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00089		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Cumene	98-82-8	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Dibromochloromethane	124-48-1	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Dibromomethane	74-95-3	0.00058		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Dichlorodifluoromethane	75-71-8	0.00036		mg/kg	N	UJ	EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Diisopropyl ether	108-20-3	0.0019		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Ethyl tert-butyl ether	637-92-3	0.003		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	m,p-Xylene	179601-23-1	0.00093	0.00093	mg/kg	Y	J	EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Methyl tert-butyl ether	1634-04-4	0.00024		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Methylene Chloride	75-09-2	0.0016	0.0016	mg/kg	Y	J	EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	n-Butylbenzene	104-51-8	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	n-Propylbenzene	103-65-1	0.0004		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	o-Xylene	95-47-6	0.00042		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	p-Cymene	99-87-6	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	sec-Butylbenzene	135-98-8	0.00053		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Styrene	100-42-5	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	t-Amyl methyl ether	994-05-8	0.0011		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	tert Butyl alcohol	75-65-0	0.0089		mg/kg	N	UJ	EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	tert-Butylbenzene	98-06-6	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Tetrachloroethene	127-18-4	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Toluene	108-88-3	0.00055	0.00055	mg/kg	Y	J	EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00027		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00046		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Trichloroethene	79-01-6	0.00016		mg/kg	N		EPA 8260B
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Trichlorofluoromethane	75-69-4	0.00072		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	VOCs	Vinyl chloride	75-01-4	0.00093		mg/kg	N		EPA 8260B
DU-1	SSAO7-07	SSAO7-07-1_01_BPC	0-1	N	--	10/27/2010	General Chemistry	Moisture	MOIST	6.8	6.8	percent	Y		ASTM 2216
DU-1	SSAO7-07	SSAO7-07-1_01_BPC	0-1	N	--	10/27/2010	General Chemistry	Total Solids	RESTOT	93	93	percent	Y		ASTM 2216
DU-1	SSAO7-07	SSAO7-07-1_01_BPC	0-1	N	--	10/27/2010	Metals	Arsenic	7440-38-2	3.6	3.6	mg/kg	Y		EPA 6020
DU-1	SSAO7-07	SSAO7-07-1_01_BPC	0-1	N	--	10/27/2010	Metals	Cobalt	7440-48-4	120	120	mg/kg	Y		EPA 6020
DU-1	SSAO7-07	SSAO7-07-1_01_BPC	0-1	N	--	10/27/2010	Metals	Manganese	7439-96-5	2500	2500	mg/kg	Y		EPA 6020
DU-1	SSAO7-08	SSAO7-08-1_01_BPC	0-1	N	--	10/27/2010	General Chemistry	Moisture	MOIST	5.2	5.2	percent	Y		ASTM 2216
DU-1	SSAO7-08	SSAO7-08-1_01_BPC	0-1	N	--	10/27/2010	General Chemistry	Total Solids	RESTOT	95	95	percent	Y		ASTM 2216
DU-1	SSAO7-08	SSAO7-08-1_01_BPC	0-1	N	--	10/27/2010	Metals	Arsenic	7440-38-2	3	3	mg/kg	Y		EPA 6020
DU-1	SSAO7-08	SSAO7-08-1_01_BPC	0-1	N	--	10/27/2010	Metals	Cobalt	7440-48-4	11	11	mg/kg	Y		EPA 6020
DU-1	SSAO7-08	SSAO7-08-1_01_BPC	0-1	N	--	10/27/2010	Metals	Manganese	7439-96-5	1600	1600	mg/kg	Y		EPA 6020
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	General Chemistry	Moisture	MOIST	5	5	percent	Y		ASTM 2216
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	General Chemistry	Total Solids	RESTOT	95	95	percent	Y		ASTM 2216
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	PAHs	Naphthalene	91-20-3	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	SVOCs	Hexachlorobutadiene	87-68-3	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0004		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1,1-Trichloroethane	71-55-6	0.00037		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1,2-Trichloroethane	79-00-5	0.00063		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1-Dichloroethane	75-34-3	0.00015		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1-Dichloroethene	75-35-4	0.00042		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1-Dichloropropene	563-58-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00053		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2,3-Trichloropropane	96-18-4	0.00058		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00052		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00043		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2-Dibromoethane	106-93-4	0.00037		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2-Dichlorobenzene	95-50-1	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2-Dichloroethane	107-06-2	0.0005		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2-Dichloropropane	78-87-5	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,3-Dichlorobenzene	541-73-1	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,3-Dichloropropane	142-28-9	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,4-Dichlorobenzene	106-46-7	0.00056		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	2,2-Dichloropropane	594-20-7	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	2-Butanone	78-93-3	0.0013		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	2-Chlorotoluene	95-49-8	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	2-Hexanone	591-78-6	0.0035		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	4-Chlorotoluene	106-43-4	0.00056		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	4-Methyl-2-pentanone	108-10-1	0.0031		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Acetone	67-64-1	0.0045	0.0045	mg/kg	Y	J	EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Benzene	71-43-2	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Bromobenzene	108-86-1	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Bromochloromethane	74-97-5	0.00021		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Bromodichloromethane	75-27-4	0.00016		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Bromoform	75-25-2	0.00016		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Bromomethane	74-83-9	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Carbon tetrachloride	56-23-5	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Chlorobenzene	108-90-7	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Chloroethane	75-00-3	0.00063		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Chloroform	67-66-3	0.00021		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Chloromethane	74-87-3	0.00055		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0004		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00092		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Cumene	98-82-8	0.00042		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Dibromochloromethane	124-48-1	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Dibromomethane	74-95-3	0.0006		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Dichlorodifluoromethane	75-71-8	0.00037		mg/kg	N	UJ	EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Diisopropyl ether	108-20-3	0.0019		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Ethyl tert-butyl ether	637-92-3	0.003		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	m,p-Xylene	179601-23-1	0.00074		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Methyl tert-butyl ether	1634-04-4	0.00024		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Methylene Chloride	75-09-2	0.0011	0.0011	mg/kg	Y	J	EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	n-Butylbenzene	104-51-8	0.0004		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	n-Propylbenzene	103-65-1	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	o-Xylene	95-47-6	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	p-Cymene	99-87-6	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	sec-Butylbenzene	135-98-8	0.00055		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Styrene	100-42-5	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	t-Amyl methyl ether	994-05-8	0.0011		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	tert Butyl alcohol	75-65-0	0.0092		mg/kg	N	UJ	EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	tert-Butylbenzene	98-06-6	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Tetrachloroethene	127-18-4	0.00042		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Toluene	108-88-3	0.00049		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00028		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00048		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Trichloroethene	79-01-6	0.00016		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Trichlorofluoromethane	75-69-4	0.00074		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Vinyl chloride	75-01-4	0.00096		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00000096	0.00000096	mg/kg	Y	J	EPA 8290
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000001	0.000001	mg/kg	Y	J	EPA 8290
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000005	0.0000005	mg/kg	Y	JK	EPA 8290
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000027	0.00000027	mg/kg	Y	JK	EPA 8290
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000019	0.00000019	mg/kg	Y	JK	EPA 8290
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000021	0.00000021	mg/kg	Y	JK	EPA 8290
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000098		mg/kg	N		EPA 8290
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000012	0.00000012	mg/kg	Y	JK	EPA 8290
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000000097		mg/kg	N		EPA 8290
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000000071		mg/kg	N		EPA 8290
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000081		mg/kg	N		EPA 8290
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000002	0.0000002	mg/kg	Y	J	EPA 8290
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000066		mg/kg	N		EPA 8290
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000007		mg/kg	N		EPA 8290
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000000075		mg/kg	N		EPA 8290
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000028	0.00000028	mg/kg	Y	JK	EPA 8290
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000084		mg/kg	N		EPA 8290
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	General Chemistry	Moisture	MOIST	3.5	3.5	percent	Y		ASTM 2216
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	General Chemistry	Moisture	MOIST	2.2	2.2	percent	Y		ASTM 2216
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	General Chemistry	Total Solids	RESTOT	97	97	percent	Y		ASTM 2216
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Metals	Arsenic	7440-38-2	3	3	mg/kg	Y		EPA 6020
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Metals	Cobalt	7440-48-4	7.8	7.8	mg/kg	Y	J	EPA 6020
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Metals	Lead	7439-92-1	8	8	mg/kg	Y		EPA 6020
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	Metals	Manganese	7439-96-5	440	440	mg/kg	Y		EPA 6020
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	OCPs	Hexachlorobenzene	118-74-1	0.03		mg/kg	N		EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	PAHs	Acenaphthene	83-32-9	0.01		mg/kg	N		EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	PAHs	Benzo(a)anthracene	56-55-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	PAHs	Fluoranthene	206-44-0	0.037		mg/kg	N		EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	SVOCs	1,4-Dioxane	123-91-1	0.067		mg/kg	N		EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.092	0.092	mg/kg	Y	J	EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.044		mg/kg	N		EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	SVOCs	Diethylphthalate	84-66-2	0.026		mg/kg	N		EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	SVOCs	Dimethylphthalate	131-11-3	0.065	0.065	mg/kg	Y	J	EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N		EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	SVOCs	Hexachlorobutadiene	87-68-3	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	SVOCs	Nitrobenzene	98-95-3	0.022		mg/kg	N		EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	SVOCs	Octachlorostyrene	29082-74-4	0.058		mg/kg	N		EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	1,1,1-Trichloroethane	71-55-6	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	1,1,2-Trichloroethane	79-00-5	0.00051		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	1,1-Dichloroethane	75-34-3	0.00012		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	1,1-Dichloroethene	75-35-4	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	1,1-Dichloropropene	563-58-6	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00043		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	1,2,3-Trichloropropane	96-18-4	0.00047		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00042		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	1,2-Dibromoethane	106-93-4	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	1,2-Dichlorobenzene	95-50-1	0.00026		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	1,2-Dichloroethane	107-06-2	0.0004		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	1,2-Dichloropropane	78-87-5	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	1,3-Dichlorobenzene	541-73-1	0.00028		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	1,3-Dichloropropane	142-28-9	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	1,4-Dichlorobenzene	106-46-7	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	2,2-Dichloropropane	594-20-7	0.00025		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	2-Butanone	78-93-3	0.012	0.012	mg/kg	Y		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	2-Chlorotoluene	95-49-8	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	2-Hexanone	591-78-6	0.0028		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	4-Chlorotoluene	106-43-4	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	4-Methyl-2-pentanone	108-10-1	0.0025		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Acetone	67-64-1	0.047	0.047	mg/kg	Y		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Benzene	71-43-2	0.00027		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Bromobenzene	108-86-1	0.00028		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Bromochloromethane	74-97-5	0.00017		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Bromodichloromethane	75-27-4	0.0004	0.0004	mg/kg	Y	J	EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Bromoform	75-25-2	0.00013		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Bromomethane	74-83-9	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Carbon tetrachloride	56-23-5	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Chlorobenzene	108-90-7	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Chloroethane	75-00-3	0.00051		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Chloroform	67-66-3	0.0018	0.0018	mg/kg	Y	J	EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Chloromethane	74-87-3	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00074		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Cumene	98-82-8	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Dibromochloromethane	124-48-1	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Dibromomethane	74-95-3	0.00049		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Dichlorodifluoromethane	75-71-8	0.0003		mg/kg	N	UJ	EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Diisopropyl ether	108-20-3	0.0016		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Ethyl tert-butyl ether	637-92-3	0.0025		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	m,p-Xylene	179601-23-1	0.0006		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Methyl tert-butyl ether	1634-04-4	0.0002		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Methylene Chloride	75-09-2	0.00066	0.00066	mg/kg	Y	J	EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	n-Butylbenzene	104-51-8	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	n-Propylbenzene	103-65-1	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	o-Xylene	95-47-6	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	p-Cymene	99-87-6	0.00028		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	sec-Butylbenzene	135-98-8	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Styrene	100-42-5	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	t-Amyl methyl ether	994-05-8	0.00089		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	tert Butyl alcohol	75-65-0	0.0074		mg/kg	N	UJ	EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	tert-Butylbenzene	98-06-6	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Tetrachloroethene	127-18-4	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Toluene	108-88-3	0.0004		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00023		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Trichloroethene	79-01-6	0.00013		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Trichlorofluoromethane	75-69-4	0.0006		mg/kg	N		EPA 8260B
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	VOCs	Vinyl chloride	75-01-4	0.00077		mg/kg	N		EPA 8260B
DU-1	SSAO8-06	SSAO8-06-3_01_BPC	0-1	N	--	10/27/2010	General Chemistry	Moisture	MOIST	8.6	8.6	percent	Y		ASTM 2216
DU-1	SSAO8-06	SSAO8-06-3_01_BPC	0-1	N	--	10/27/2010	General Chemistry	Total Solids	RESTOT	91	91	percent	Y		ASTM 2216
DU-1	SSAO8-06	SSAO8-06-3_01_BPC	0-1	N	--	10/27/2010	Metals	Arsenic	7440-38-2	3.7	3.7	mg/kg	Y		EPA 6020
DU-1	SSAO8-06	SSAO8-06-3_01_BPC	0-1	N	--	10/27/2010	Metals	Cobalt	7440-48-4	7.8	7.8	mg/kg	Y		EPA 6020
DU-1	SSAO8-06	SSAO8-06-3_01_BPC	0-1	N	--	10/27/2010	Metals	Manganese	7439-96-5	1700	1700	mg/kg	Y		EPA 6020
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	General Chemistry	Moisture	MOIST	2.7	2.7	percent	Y		ASTM 2216
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	General Chemistry	Total Solids	RESTOT	97	97	percent	Y		ASTM 2216
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	PAHs	Naphthalene	91-20-3	0.00037		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	SVOCs	Hexachlorobutadiene	87-68-3	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1,1-Trichloroethane	71-55-6	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1,2-Trichloroethane	79-00-5	0.00052		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1-Dichloroethane	75-34-3	0.00012		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1-Dichloroethene	75-35-4	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,1-Dichloropropene	563-58-6	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2,3-Trichloropropane	96-18-4	0.00048		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00043		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2-Dibromoethane	106-93-4	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2-Dichlorobenzene	95-50-1	0.00026		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2-Dichloroethane	107-06-2	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,2-Dichloropropane	78-87-5	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,3-Dichlorobenzene	541-73-1	0.00028		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,3-Dichloropropane	142-28-9	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	1,4-Dichlorobenzene	106-46-7	0.00046		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	2,2-Dichloropropane	594-20-7	0.00026		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	2-Butanone	78-93-3	0.0011		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	2-Chlorotoluene	95-49-8	0.0003		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	2-Hexanone	591-78-6	0.0029		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	4-Chlorotoluene	106-43-4	0.00046		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	4-Methyl-2-pentanone	108-10-1	0.0026		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Acetone	67-64-1	0.0045	0.0045	mg/kg	Y	J	EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Benzene	71-43-2	0.00028		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Bromobenzene	108-86-1	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Bromochloromethane	74-97-5	0.00018		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Bromodichloromethane	75-27-4	0.00013		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Bromoform	75-25-2	0.00014		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Bromomethane	74-83-9	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Carbon tetrachloride	56-23-5	0.00037		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Chlorobenzene	108-90-7	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Chloroethane	75-00-3	0.00052		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Chloroform	67-66-3	0.00017		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Chloromethane	74-87-3	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00076		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Cumene	98-82-8	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Dibromochloromethane	124-48-1	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Dibromomethane	74-95-3	0.00049		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Dichlorodifluoromethane	75-71-8	0.00031		mg/kg	N	UJ	EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Diisopropyl ether	108-20-3	0.0016		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Ethyl tert-butyl ether	637-92-3	0.0025		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	m,p-Xylene	179601-23-1	0.00061		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Methyl tert-butyl ether	1634-04-4	0.0002		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Methylene Chloride	75-09-2	0.00093	0.00093	mg/kg	Y	J	EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	n-Butylbenzene	104-51-8	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	n-Propylbenzene	103-65-1	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	o-Xylene	95-47-6	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	p-Cymene	99-87-6	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	sec-Butylbenzene	135-98-8	0.00045		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Styrene	100-42-5	0.00037		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	t-Amyl methyl ether	994-05-8	0.00091		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	tert Butyl alcohol	75-65-0	0.0076		mg/kg	N	UJ	EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	tert-Butylbenzene	98-06-6	0.00029		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Tetrachloroethene	127-18-4	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Toluene	108-88-3	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00023		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Trichloroethene	79-01-6	0.00014		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Trichlorofluoromethane	75-69-4	0.00061		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0.5BPC	0.5-1.5	N	--	9/27/2010	VOCs	Vinyl chloride	75-01-4	0.00079		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	General Chemistry	Moisture	MOIST	1.9	1.9	percent	Y		ASTM 2216
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	General Chemistry	Total Solids	RESTOT	98	98	percent	Y		ASTM 2216
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	Metals	Arsenic	7440-38-2	3	3	mg/kg	Y		EPA 6020
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	Metals	Cobalt	7440-48-4	29	29	mg/kg	Y	J	EPA 6020
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	Metals	Lead	7439-92-1	10	10	mg/kg	Y		EPA 6020
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	Metals	Manganese	7439-96-5	2300	2300	mg/kg	Y		EPA 6020
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	OCPs	Hexachlorobenzene	118-74-1	0.028		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	PAHs	2-Methylnaphthalene	91-57-6	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	PAHs	Acenaphthene	83-32-9	0.0098		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	PAHs	Acenaphthylene	208-96-8	0.016		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	PAHs	Anthracene	120-12-7	0.016		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	PAHs	Benzo(a)anthracene	56-55-3	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	PAHs	Benzo(a)pyrene	50-32-8	0.019		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.025		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.015		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.038		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	PAHs	Chrysene	218-01-9	0.026		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.018		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	PAHs	Fluoranthene	206-44-0	0.034		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	PAHs	Fluorene	86-73-7	0.017		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.021		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	PAHs	Naphthalene	91-20-3	0.03		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	PAHs	Phenanthrene	85-01-8	0.016		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	SVOCs	1,4-Dioxane	123-91-1	0.063		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.11	0.11	mg/kg	Y	J	EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.041		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	SVOCs	Diethylphthalate	84-66-2	0.025		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	SVOCs	Dimethylphthalate	131-11-3	0.15	0.15	mg/kg	Y	J	EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.028		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.014		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	SVOCs	Hexachlorobutadiene	87-68-3	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	SVOCs	Nitrobenzene	98-95-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	SVOCs	Octachlorostyrene	29082-74-4	0.054		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	SVOCs	Pyridine	110-86-1	0.12		mg/kg	N		EPA 8270C
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	1,1,1-Trichloroethane	71-55-6	0.00037		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00043		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	1,1,2-Trichloroethane	79-00-5	0.00062		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	1,1-Dichloroethane	75-34-3	0.00015		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	1,1-Dichloroethene	75-35-4	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	1,1-Dichloropropene	563-58-6	0.00038		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00053		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	1,2,3-Trichloropropane	96-18-4	0.00057		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00051		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00086	0.00086	mg/kg	Y	J	EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00042		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	1,2-Dibromoethane	106-93-4	0.00037		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	1,2-Dichlorobenzene	95-50-1	0.00032		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	1,2-Dichloroethane	107-06-2	0.00049		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	1,2-Dichloropropane	78-87-5	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0004		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	1,3-Dichlorobenzene	541-73-1	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	1,3-Dichloropropane	142-28-9	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	1,4-Dichlorobenzene	106-46-7	0.00055		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	2,2-Dichloropropane	594-20-7	0.00031		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	2-Butanone	78-93-3	0.022	0.022	mg/kg	Y		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	2-Chlorotoluene	95-49-8	0.00036		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	2-Hexanone	591-78-6	0.0034		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	4-Chlorotoluene	106-43-4	0.00055		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	4-Methyl-2-pentanone	108-10-1	0.0031		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Acetone	67-64-1	0.1	0.1	mg/kg	Y		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Benzene	71-43-2	0.00033		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Bromobenzene	108-86-1	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Bromochloromethane	74-97-5	0.00021		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Bromodichloromethane	75-27-4	0.00015		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Bromoform	75-25-2	0.00016		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Bromomethane	74-83-9	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Carbon tetrachloride	56-23-5	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Chlorobenzene	108-90-7	0.00038		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Chloroethane	75-00-3	0.00062		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Chloroform	67-66-3	0.0002		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Chloromethane	74-87-3	0.00054		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00091		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Cumene	98-82-8	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Dibromochloromethane	124-48-1	0.0004		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Dibromomethane	74-95-3	0.00059		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Dichlorodifluoromethane	75-71-8	0.00037		mg/kg	N	UJ	EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Diisopropyl ether	108-20-3	0.0019		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Ethyl tert-butyl ether	637-92-3	0.003		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	m,p-Xylene	179601-23-1	0.0012	0.0012	mg/kg	Y	J	EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Methyl tert-butyl ether	1634-04-4	0.00024		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Methylene Chloride	75-09-2	0.0017	0.0017	mg/kg	Y	J	EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	n-Butylbenzene	104-51-8	0.00039		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	n-Propylbenzene	103-65-1	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	o-Xylene	95-47-6	0.00046	0.00046	mg/kg	Y	J	EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	p-Cymene	99-87-6	0.00034		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	sec-Butylbenzene	135-98-8	0.00054		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Styrene	100-42-5	0.00044		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	t-Amyl methyl ether	994-05-8	0.0011		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	tert Butyl alcohol	75-65-0	0.0091		mg/kg	N	UJ	EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	tert-Butylbenzene	98-06-6	0.00035		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Tetrachloroethene	127-18-4	0.00041		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Toluene	108-88-3	0.00071	0.00071	mg/kg	Y	J	EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00027		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00047		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Trichloroethene	79-01-6	0.00016		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Trichlorofluoromethane	75-69-4	0.00073		mg/kg	N		EPA 8260B
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	VOCs	Vinyl chloride	75-01-4	0.00094		mg/kg	N		EPA 8260B
DU-1	SSAO8-09	SSAO8-09-1_01_BPC	0-1	N	--	10/27/2010	General Chemistry	Moisture	MOIST	6.6	6.6	percent	Y		ASTM 2216
DU-1	SSAO8-09	SSAO8-09-1_01_BPC	0-1	N	--	10/27/2010	General Chemistry	Total Solids	RESTOT	93	93	percent	Y		ASTM 2216
DU-1	SSAO8-09	SSAO8-09-1_01_BPC	0-1	N	--	10/27/2010	Metals	Arsenic	7440-38-2	2.8	2.8	mg/kg	Y		EPA 6020
DU-1	SSAO8-09	SSAO8-09-1_01_BPC	0-1	N	--	10/27/2010	Metals	Cobalt	7440-48-4	8.6	8.6	mg/kg	Y		EPA 6020

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAO8-09	SSAO8-09-1_01_BPC	0-1	N	--	10/27/2010	Metals	Manganese	7439-96-5	430	430	mg/kg	Y		EPA 6020
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.023	0.023	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00071	0.00071	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0082	0.0082	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00058	0.00058	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.003	0.003	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0026	0.0026	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000057	0.000057	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0021	0.0021	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0003	0.0003	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0014	0.0014	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00056	0.00056	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00073	0.00073	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00073	0.00073	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000025	0.000025	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	General Chemistry	Moisture	MOIST	1.6	1.6	percent	Y		ASTM 2216
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	General Chemistry	Moisture	MOIST	3	3	percent	Y		ASTM 2216
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	General Chemistry	Total Solids	RESTOT	97	97	percent	Y		ASTM 2216
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	OCPs	Hexachlorobenzene	118-74-1	0.33	0.33	mg/kg	Y	J	EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	PAHs	2-Methylnaphthalene	91-57-6	0.072		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	PAHs	Acenaphthene	83-32-9	0.039		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	PAHs	Acenaphthylene	208-96-8	0.064		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	PAHs	Anthracene	120-12-7	0.064		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(a)anthracene	56-55-3	0.076		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(a)pyrene	50-32-8	0.076		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.099		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.061		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.15		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	PAHs	Chrysene	218-01-9	0.1		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.072		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	PAHs	Fluoranthene	206-44-0	0.14		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	PAHs	Fluorene	86-73-7	0.068		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.083		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	PAHs	Naphthalene	91-20-3	0.12		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	PAHs	Phenanthrene	85-01-8	0.064		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	PAHs	Pyrene	129-00-0	0.069	0.069	mg/kg	Y	J	EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	SVOCs	1,4-Dioxane	123-91-1	0.25		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.37	0.37	mg/kg	Y	J	EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.16		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	SVOCs	Diethylphthalate	84-66-2	0.098		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	SVOCs	Dimethylphthalate	131-11-3	0.087		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.11		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.054		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	SVOCs	Nitrobenzene	98-95-3	0.083		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	SVOCs	Octachlorostyrene	29082-74-4	0.22		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	SVOCs	Pyridine	110-86-1	0.49		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0084	0.0084	mg/kg	Y	J	EPA 8290
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0023	0.0023	mg/kg	Y	J	EPA 8290
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00015	0.00015	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00096	0.00096	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00082	0.00082	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000018	0.000018	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00061	0.00061	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000041	0.000041	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000034	0.000034	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00041	0.00041	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000027	0.000027	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00022	0.00022	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00016	0.00016	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000089	0.0000089	mg/kg	Y		EPA 8290
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	General Chemistry	Moisture	MOIST	7.3	7.3	percent	Y		ASTM 2216
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	Metals	Arsenic	7440-38-2	4.1	4.1	mg/kg	Y		EPA 6020
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	Metals	Magnesium	7439-95-4	19000	19000	mg/kg	Y		EPA 6020
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	OCPs	Hexachlorobenzene	118-74-1	0.7	0.7	mg/kg	Y		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.043		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Fluoranthene	206-44-0	0.039		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Naphthalene	91-20-3	0.033		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	SVOCs	1,4-Dioxane	123-91-1	0.071		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.049		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.046		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	SVOCs	Octachlorostyrene	29082-74-4	0.073	0.073	mg/kg	Y	J	EPA 8270C
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	PAHs	Naphthalene	91-20-3	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	2,2-Dichloropropane	594-20-7	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	2-Butanone	78-93-3	0.0049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	2-Chlorotoluene	95-49-8	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	2-Hexanone	591-78-6	0.0049		mg/kg	N	UJ	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	4-Chlorotoluene	106-43-4	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0024		mg/kg	N	UJ	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Acetone	67-64-1	0.0078		mg/kg	N	UJ	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Benzene	71-43-2	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Bromobenzene	108-86-1	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Bromochloromethane	74-97-5	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Bromodichloromethane	75-27-4	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Bromoform	75-25-2	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Bromomethane	74-83-9	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Carbon tetrachloride	56-23-5	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Chlorobenzene	108-90-7	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Chloroethane	75-00-3	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Chloroform	67-66-3	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Chloromethane	74-87-3	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Cumene	98-82-8	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Dibromochloromethane	124-48-1	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Dibromomethane	74-95-3	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.00098		mg/kg	N	UJ	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Diisopropyl ether	108-20-3	0.00098		mg/kg	N	UJ	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Ethyl benzene	100-41-4	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Freon 113	76-13-1	0.0049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	m,p-Xylene	179601-23-1	0.00098		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Methylene Chloride	75-09-2	0.0049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	n-Butylbenzene	104-51-8	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	n-Propylbenzene	103-65-1	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	o-Xylene	95-47-6	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	p-Cymene	99-87-6	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	sec-Butylbenzene	135-98-8	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Styrene	100-42-5	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	t-Amyl methyl ether	994-05-8	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	tert Butyl alcohol	75-65-0	0.0098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	tert-Butylbenzene	98-06-6	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Tetrachloroethene	127-18-4	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Toluene	108-88-3	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Trichloroethene	79-01-6	0.00049		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Trichlorofluoromethane	75-69-4	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-56	RISB-56-0.5-20141104	0.5-1	N	--	11/4/2014	VOCs	Vinyl chloride	75-01-4	0.00098		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	General Chemistry	Moisture	MOIST	7.1	7.1	percent	Y		EPA 160.3
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	PAHs	Naphthalene	91-20-3	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	SVOCs	Hexachlorobutadiene	87-68-3	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	1,1,1-Trichloroethane	71-55-6	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	1,1,2-Trichloroethane	79-00-5	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	1,1-Dichloroethane	75-34-3	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	1,1-Dichloroethene	75-35-4	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	1,1-Dichloropropene	563-58-6	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	1,2,3-Trichloropropane	96-18-4	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0018		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	1,2-Dibromoethane	106-93-4	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	1,2-Dichlorobenzene	95-50-1	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	1,2-Dichloroethane	107-06-2	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	1,2-Dichloropropane	78-87-5	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	1,3-Dichlorobenzene	541-73-1	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	1,3-Dichloropropane	142-28-9	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	1,4-Dichlorobenzene	106-46-7	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	2,2-Dichloropropane	594-20-7	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	2-Butanone	78-93-3	0.0044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	2-Chlorotoluene	95-49-8	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	2-Hexanone	591-78-6	0.0044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	4-Chlorotoluene	106-43-4	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	4-Methyl-2-pentanone	108-10-1	0.0022		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Acetone	67-64-1	0.007		mg/kg	N	UJ	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Benzene	71-43-2	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Bromobenzene	108-86-1	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Bromochloromethane	74-97-5	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Bromodichloromethane	75-27-4	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Bromoform	75-25-2	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Bromomethane	74-83-9	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Carbon tetrachloride	56-23-5	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Chlorobenzene	108-90-7	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Chloroethane	75-00-3	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Chloroform	67-66-3	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Chloromethane	74-87-3	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0041	0.0041	mg/kg	Y		EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Cumene	98-82-8	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Dibromochloromethane	124-48-1	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Dibromomethane	74-95-3	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Dichlorodifluoromethane	75-71-8	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Diisopropyl ether	108-20-3	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Ethyl benzene	100-41-4	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Ethyl tert-butyl ether	637-92-3	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Freon 113	76-13-1	0.0044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	m,p-Xylene	179601-23-1	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Methyl tert-butyl ether	1634-04-4	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Methylene Chloride	75-09-2	0.0044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	n-Butylbenzene	104-51-8	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	n-Propylbenzene	103-65-1	0.00044		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	o-Xylene	95-47-6	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	p-Cymene	99-87-6	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	sec-Butylbenzene	135-98-8	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Styrene	100-42-5	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	t-Amyl methyl ether	994-05-8	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	tert Butyl alcohol	75-65-0	0.0088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	tert-Butylbenzene	98-06-6	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Tetrachloroethene	127-18-4	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Toluene	108-88-3	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00044		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Trichloroethene	79-01-6	0.0021	0.0021	mg/kg	Y		EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Trichlorofluoromethane	75-69-4	0.00088		mg/kg	N	U	EPA 8260
DU-2	RISB-57	RISB-57-0.5-20141103	0.5-1	N	--	11/3/2014	VOCs	Vinyl chloride	75-01-4	0.00088		mg/kg	N	U	EPA 8260
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	General Chemistry	Moisture	MOIST	8	8	percent	Y		EPA 3550C
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	General Chemistry	Moisture	MOIST	8	8	percent	Y		ASTM 2216
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Chlorpyrifos	2921-88-2	0.007		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Coumaphos	56-72-4	0.003		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Dasanit	115-90-2	0.0089		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Demeton-O	298-03-3	0.0057		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Demeton-S	126-75-0	0.0053		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Diazinon	333-41-5	0.0079		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Dichlorovos	62-73-7	0.008		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Dimethoate	60-51-5	0.0077		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Disulfoton	298-04-4	0.0084		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	EPN	2104-64-5	0.004		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Ethoprop	13194-48-4	0.0054		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Famphur	52-85-7	0.0035		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Fenthion	55-38-9	0.0095		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Guthion	86-50-0	0.0038		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Malathion	121-75-5	0.005		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Merphos	150-50-5	0.0056		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Methyl parathion	298-00-0	0.0069		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Mevinphos	7786-34-7	0.005		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Naled	300-76-5	0.025		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Parathion	56-38-2	0.0057		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Phorate	298-02-2	0.0062		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Prothiophos	34643-46-4	0.0042		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Ronnel	299-84-3	0.017		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Stirophos	22248-79-9	0.0047		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Sulfotepp	3689-24-5	0.0068		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Sulprofos	35400-43-2	0.0046		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Thionazin	297-97-2	0.0061		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	OPPs	Trichloronate	327-98-0	0.0068		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	Organics	4-Chlorobenzenesulfonic acid	98-66-8	0.25		mg/kg	N		HPLC-UV
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	Organics	Benzenesulfonic acid	98-11-3	0.25		mg/kg	N		HPLC-UV
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	Organics	Diethylphosphorodithioate	298-06-6	0.25		mg/kg	N		HPLC-UV
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	Organics	o,o-Dimethyl Phosphorodithioate	756-80-9	1.3		mg/kg	N		HPLC-UV
DU-2	RSAP7	RSAP7-0.0B	0-1	N	--	10/27/2009	Organics	Phthalic acid	88-99-3	0.25		mg/kg	N		HPLC-UV
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Chlorine Oxyanions	Chlorate	14866-68-3	4.93	4.93	mg/kg	Y		EPA 300.1
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	6.54	6.54	mg/kg	Y		EPA 314.0
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000054		mg/kg	N		EPA 8290
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000013	0.0000013	mg/kg	Y	JK	EPA 8290
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000014	0.00000014	mg/kg	Y	JK	EPA 8290
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000054		mg/kg	N		EPA 8290
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	423	423	mg/kg	Y		SM 2320B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Carbonate as CO3	3812-32-6	22	22	mg/kg	Y	J	SM 2320B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Chloride	16887-00-6	61.6	61.6	mg/kg	Y		EPA 9056
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Cyanide (total)	57-12-5	0.5		mg/kg	N		EPA 9012A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Hydrogen carbonate	71-52-3	401	401	mg/kg	Y		SM 2320B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.2		mg/kg	N		SM 5540C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Moisture	MOIST	8.9	8.9	percent	Y		EPA 3550C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Moisture	MOIST	8.3	8.3	percent	Y		ASTM 2216
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Nitrate	14797-55-8	8.768571429	8.768571429	mg/kg	Y	J+	EPA 9056
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	pH	PH	9.11	9.11	SU	Y		EPA 9045D
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Sulfate	14808-79-8	274	274	mg/kg	Y	J	EPA 9056
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Total Organic Carbon	TOC	440	440	mg/kg	Y		LLOYD KAHN
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Aluminum	7429-90-5	9410	9410	mg/kg	Y		EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Antimony	7440-36-0	1.6	1.6	mg/kg	Y	J	EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Arsenic	7440-38-2	2.04	2.04	mg/kg	Y		EPA 6020
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Barium	7440-39-3	172	172	mg/kg	Y	J	EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Beryllium	7440-41-7	0.415	0.415	mg/kg	Y	J	EPA 6020
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Boron	7440-42-8	6.7	6.7	mg/kg	Y	J	EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Cadmium	7440-43-9	0.06	0.06	mg/kg	Y	J	EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Calcium	7440-70-2	23000	23000	mg/kg	Y		EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Chromium (total)	7440-47-3	6.39	6.39	mg/kg	Y		EPA 6020
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Cobalt	7440-48-4	8.3	8.3	mg/kg	Y		EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Copper	7440-50-8	20.3	20.3	mg/kg	Y		EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Iron	7439-89-6	16500	16500	mg/kg	Y		EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Lead	7439-92-1	9.8	9.8	mg/kg	Y		EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Magnesium	7439-95-4	9280	9280	mg/kg	Y		EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Manganese	7439-96-5	372	372	mg/kg	Y	J	EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Mercury	7439-97-6	0.016	0.016	mg/kg	Y	J	EPA 7471A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Molybdenum	7439-98-7	0.48	0.48	mg/kg	Y		EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Nickel	7440-02-0	16.3	16.3	mg/kg	Y		EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Phosphorus (total)	7723-14-0	782	782	mg/kg	Y	J+	EPA 365.1M
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Platinum	7440-06-4	0.032	0.032	mg/kg	Y	J	EPA 6020
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Potassium	7440-09-7	2130	2130	mg/kg	Y		EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N	UJ	EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Sodium	7440-23-5	1010	1010	mg/kg	Y		EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Strontium	7440-24-6	219	219	mg/kg	Y		EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Thallium	7440-28-0	0.093	0.093	mg/kg	Y		EPA 6020
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Tin	7440-31-5	3.7	3.7	mg/kg	Y	J	EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Titanium	7440-32-6	870	870	mg/kg	Y		EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Tungsten	7440-33-7	0.23	0.23	mg/kg	Y	J-	EPA 6020
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Uranium (total)	7440-61-1	1.02	1.02	mg/kg	Y	J	EPA 6020
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Vanadium	7440-62-2	50.8	50.8	mg/kg	Y		EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Metals	Zinc	7440-66-6	35	35	mg/kg	Y		EPA 6010B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	4,4'-DDD	72-54-8	0.0019		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	4,4'-DDE	72-55-9	0.0019		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	4,4'-DDT	50-29-3	0.0019		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Aldrin	309-00-2	0.00092		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	alpha-BHC	319-84-6	0.00092		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	alpha-Chlordane	5103-71-9	0.00092		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	beta-BHC	319-85-7	0.00092		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Chlordane (total)	57-74-9	0.0046		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	delta-BHC	319-86-8	0.00092		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Dieldrin	60-57-1	0.0019		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Endosulfan I	959-98-8	0.00092		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Endosulfan II	33213-65-9	0.0019		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0019		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Endrin	72-20-8	0.0019		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Endrin aldehyde	7421-93-4	0.0019		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Endrin ketone	53494-70-5	0.0019		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	gamma-BHC	58-89-9	0.00092		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	gamma-Chlordane	5103-74-2	0.00092		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Heptachlor	76-44-8	0.00092		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00092		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Hexachlorobenzene	118-74-1	0.00092		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Methoxychlor	72-43-5	0.0091		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Toxaphene	8001-35-2	0.019		mg/kg	N	UJ	EPA 8081
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Chlorpyrifos	2921-88-2	0.0071		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Coumaphos	56-72-4	0.0031		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Dasanit	115-90-2	0.009		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Demeton-O	298-03-3	0.0058		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Demeton-S	126-75-0	0.0053		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Diazinon	333-41-5	0.008		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Dichlorovos	62-73-7	0.0081		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Dimethoate	60-51-5	0.0091	0.0091	mg/kg	Y	J	EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Disulfoton	298-04-4	0.0085		mg/kg	N		EPA 8141A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	EPN	2104-64-5	0.004		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Ethoprop	13194-48-4	0.0054		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Famphur	52-85-7	0.0035		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Fenthion	55-38-9	0.0096		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Guthion	86-50-0	0.0038		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Malathion	121-75-5	0.0051		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Merphos	150-50-5	0.0056		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Methyl parathion	298-00-0	0.007		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Mevinphos	7786-34-7	0.0051		mg/kg	N	UJ	EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Naled	300-76-5	0.025		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Parathion	56-38-2	0.0058		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Phorate	298-02-2	0.0063		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Prothiophos	34643-46-4	0.0043		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Ronnel	299-84-3	0.017		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Stirophos	22248-79-9	0.0048		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Sulfotepp	3689-24-5	0.0069		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Sulprofos	35400-43-2	0.0047		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Thionazin	297-97-2	0.0061		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OPPs	Trichloronate	327-98-0	0.0069		mg/kg	N		EPA 8141A
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Organics	4-Chlorobenzenesulfonic acid	98-66-8	0.25		mg/kg	N		HPLC-UV
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Organics	Benzenesulfonic acid	98-11-3	0.25		mg/kg	N		HPLC-UV
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Organics	Diethylphosphorodithioate	298-06-6	0.25		mg/kg	N		HPLC-UV
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Organics	o,o-Dimethyl Phosphorodithioate	756-80-9	1.3		mg/kg	N		HPLC-UV
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	Organics	Phthalic acid	88-99-3	0.25		mg/kg	N		HPLC-UV
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	PAHs	2-Methylnaphthalene	91-57-6	0.0006		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Acenaphthylene	208-96-8	0.00079		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00061		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00072		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00088		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00082		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Fluorene	86-73-7	0.00073		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00094		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Naphthalene	91-20-3	0.0009		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Phenanthrene	85-01-8	0.0022	0.0022	mg/kg	Y	J	EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	RAD	Radium-226	Ra-226	1.04	1.04	pCi/g	Y		EPA 903.1 MOD
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	RAD	Radium-228	Ra-228	0.982	0.982	pCi/g	Y		EPA 904.0 MOD
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	RAD	Thorium-228	Th-228	1.7	1.7	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	RAD	Thorium-230	Th-230	0.847	0.847	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	RAD	Thorium-232	Th-232	1.32	1.32	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	RAD	Uranium-234	U-234	1.35	1.35	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	RAD	Uranium-235	U-235	0.0434	0.0434	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	RAD	Uranium-238	U-238	1.04	1.04	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	1,4-Dioxane	123-91-1	0.0053		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0033	0.0033	mg/kg	Y	J	EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	Dimethylphthalate	131-11-3	0.00095		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.076	0.076	mg/kg	Y	J	EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00093		mg/kg	N	UJ	EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	Pyridine	110-86-1	0.029		mg/kg	N		EPA 8270C
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00035		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00027		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0005		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00072		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00057		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00046		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,1-Dichloropropene	563-58-6	0.0005		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0009		mg/kg	N	UJ	EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00066		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0012		mg/kg	N	UJ	EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00077		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00086		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00038		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00049		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00044		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00049		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00065		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00065		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00045		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00087		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00041		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	2-Butanone	78-93-3	0.0016	0.0016	mg/kg	Y	J	EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	2-Chlorotoluene	95-49-8	0.00076		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	2-Hexanone	591-78-6	0.00088		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	4-Chlorotoluene	106-43-4	0.00067		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00081		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Acetone	67-64-1	0.023	0.023	mg/kg	Y	J	EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Benzene	71-43-2	0.00057		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Bromobenzene	108-86-1	0.00051		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Bromochloromethane	74-97-5	0.00051		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Bromodichloromethane	75-27-4	0.00064		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Bromoform	75-25-2	0.00053		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Bromomethane	74-83-9	0.00097		mg/kg	N	UJ	EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Carbon tetrachloride	56-23-5	0.00056		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Chlorobenzene	108-90-7	0.0006		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Chloroethane	75-00-3	0.0006		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Chloroform	67-66-3	0.00054		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Chloromethane	74-87-3	0.00071		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00039		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00043		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Cumene	98-82-8	0.00062		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Dibromochloromethane	124-48-1	0.00041		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Dibromomethane	74-95-3	0.00041		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00065		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Diisopropyl ether	108-20-3	0.0003		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Ethyl benzene	100-41-4	0.0011		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.0003		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	m,p-Xylene	179601-23-1	0.0012		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00039		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Methylene Chloride	75-09-2	0.00048		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	n-Butylbenzene	104-51-8	0.00095		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	n-Propylbenzene	103-65-1	0.00064		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	o-Xylene	95-47-6	0.00079		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	p-Cymene	99-87-6	0.0008		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	sec-Butylbenzene	135-98-8	0.00081		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Styrene	100-42-5	0.00056		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00014		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	tert Butyl alcohol	75-65-0	0.0087		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	tert-Butylbenzene	98-06-6	0.00069		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Tetrachloroethene	127-18-4	0.00061		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Toluene	108-88-3	0.0004		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00065		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00046		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Trichloroethene	79-01-6	0.0005		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00041		mg/kg	N		EPA 8260B
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Vinyl chloride	75-01-4	0.00059		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Chlorine Oxyanions	Chlorate	14866-68-3	3.21	3.21	mg/kg	Y		EPA 300.1
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	2.12	2.12	mg/kg	Y		EPA 314.0
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000011	0.000011	mg/kg	Y	J	EPA 8290
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00001	0.00001	mg/kg	Y	J	EPA 8290
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000045	0.0000045	mg/kg	Y	J	EPA 8290
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000027		mg/kg	N	UJ	EPA 8290
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000016	0.0000016	mg/kg	Y	J	EPA 8290
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000029	0.0000029	mg/kg	Y		EPA 8290
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000015	0.0000015	mg/kg	Y	JK	EPA 8290
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000021	0.0000021	mg/kg	Y	J	EPA 8290
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000011	0.0000011	mg/kg	Y	JK	EPA 8290
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000013	0.0000013	mg/kg	Y	JK	EPA 8290
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000023	0.0000023	mg/kg	Y	J	EPA 8290
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000054		mg/kg	N		EPA 8290
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	459	459	mg/kg	Y	J+	SM 2320B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	General Chemistry	Carbonate as CO3	3812-32-6	27	27	mg/kg	Y		SM 2320B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	General Chemistry	Chloride	16887-00-6	17.1	17.1	mg/kg	Y	J+	EPA 9056
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	General Chemistry	Hydrogen carbonate	71-52-3	432	432	mg/kg	Y	J+	SM 2320B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	General Chemistry	Methylene Blue Active Substances	MBAS	0.7	0.7	mg/kg	Y	J	SM 5540C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	General Chemistry	Nitrate	14797-55-8	6.421428571	6.421428571	mg/kg	Y	J+	EPA 9056
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	General Chemistry	pH	PH	9.33	9.33	SU	Y		EPA 9045D
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	General Chemistry	Sulfate	14808-79-8	74	74	mg/kg	Y	J	EPA 9056
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	General Chemistry	Total Organic Carbon	TOC	500	500	mg/kg	Y		LLOYD KAHN
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Aluminum	7429-90-5	7120	7120	mg/kg	Y		EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Arsenic	7440-38-2	1.98	1.98	mg/kg	Y		EPA 6020
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Barium	7440-39-3	152	152	mg/kg	Y		EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Beryllium	7440-41-7	0.458	0.458	mg/kg	Y		EPA 6020
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Boron	7440-42-8	4.8	4.8	mg/kg	Y	J	EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Cadmium	7440-43-9	0.32	0.32	mg/kg	Y		EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Calcium	7440-70-2	31100	31100	mg/kg	Y	J	EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Chromium (total)	7440-47-3	7.49	7.49	mg/kg	Y		EPA 6020
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Chromium VI	18540-29-9	0.2		mg/kg	N		EPA 7199
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Cobalt	7440-48-4	6.6	6.6	mg/kg	Y		EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Copper	7440-50-8	17.1	17.1	mg/kg	Y		EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Iron	7439-89-6	12500	12500	mg/kg	Y		EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Lead	7439-92-1	10.3	10.3	mg/kg	Y		EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Magnesium	7439-95-4	7990	7990	mg/kg	Y		EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Manganese	7439-96-5	333	333	mg/kg	Y	J+	EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Mercury	7439-97-6	0.017	0.017	mg/kg	Y		EPA 7471A
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Molybdenum	7439-98-7	0.32	0.32	mg/kg	Y		EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Nickel	7440-02-0	14.1	14.1	mg/kg	Y	J	EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Phosphorus (total)	7723-14-0	978	978	mg/kg	Y		EPA 365.1M
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Platinum	7440-06-4	0.006	0.006	mg/kg	Y	J	EPA 6020
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Potassium	7440-09-7	2140	2140	mg/kg	Y		EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Sodium	7440-23-5	725	725	mg/kg	Y	J	EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Strontium	7440-24-6	182	182	mg/kg	Y		EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Thallium	7440-28-0	0.096	0.096	mg/kg	Y		EPA 6020
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Tin	7440-31-5	2.8	2.8	mg/kg	Y	J	EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Titanium	7440-32-6	562	562	mg/kg	Y	J+	EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Tungsten	7440-33-7	0.17	0.17	mg/kg	Y	J-	EPA 6020
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Uranium (total)	7440-61-1	0.812	0.812	mg/kg	Y		EPA 6020
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Vanadium	7440-62-2	32.8	32.8	mg/kg	Y		EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	Metals	Zinc	7440-66-6	30.5	30.5	mg/kg	Y		EPA 6010B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	4,4'-DDD	72-54-8	0.0019		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	4,4'-DDE	72-55-9	0.0019		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	4,4'-DDT	50-29-3	0.0019		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	Aldrin	309-00-2	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	alpha-BHC	319-84-6	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	alpha-Chlordane	5103-71-9	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	beta-BHC	319-85-7	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	Chlordane (total)	57-74-9	0.0046		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	delta-BHC	319-86-8	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	Dieldrin	60-57-1	0.0019		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	Endosulfan I	959-98-8	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	Endosulfan II	33213-65-9	0.0019		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0019		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	Endrin	72-20-8	0.0019		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	Endrin aldehyde	7421-93-4	0.0019		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	Endrin ketone	53494-70-5	0.0019		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	gamma-BHC	58-89-9	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	gamma-Chlordane	5103-74-2	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	Heptachlor	76-44-8	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	Hexachlorobenzene	118-74-1	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	Methoxychlor	72-43-5	0.0091		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	Toxaphene	8001-35-2	0.019		mg/kg	N		EPA 8081
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	PAHs	2-Methylnaphthalene	91-57-6	0.0006		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	PAHs	Acenaphthylene	208-96-8	0.00079		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00061		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00072		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00088		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00082		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	PAHs	Fluorene	86-73-7	0.00073		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00094		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	PAHs	Naphthalene	91-20-3	0.0009		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	RAD	Radium-226	Ra-226	0.898	0.898	pCi/g	Y		EPA 903.1 MOD
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	RAD	Radium-228	Ra-228	1.08	1.08	pCi/g	Y	J	EPA 904.0 MOD
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	RAD	Thorium-228	Th-228	1.81	1.81	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	RAD	Thorium-230	Th-230	0.909	0.909	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	RAD	Thorium-232	Th-232	1.51	1.51	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	RAD	Uranium-234	U-234	0.904	0.904	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	RAD	Uranium-235	U-235	0.0841	0.0841	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	RAD	Uranium-238	U-238	0.944	0.944	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	SVOCs	1,4-Dioxane	123-91-1	0.0053		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	SVOCs	Dimethylphthalate	131-11-3	0.00095		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.035		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00085		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	SVOCs	Pyridine	110-86-1	0.029		mg/kg	N		EPA 8270C
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00032		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00024		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00046		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00066		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00052		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00042		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00046		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00082		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.0006		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0011		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00071		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00079		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00034		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00045		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	1,2-Dichloroethane	107-06-2	0.0004		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00045		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00059		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00059		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00041		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.0008		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00038		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	2-Butanone	78-93-3	0.0011	0.0011	mg/kg	Y	J	EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	2-Chlorotoluene	95-49-8	0.00069		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	2-Hexanone	591-78-6	0.00081		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	4-Chlorotoluene	106-43-4	0.00062		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00074		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Acetone	67-64-1	0.0017		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Benzene	71-43-2	0.00052		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Bromobenzene	108-86-1	0.00047		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Bromochloromethane	74-97-5	0.00047		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Bromodichloromethane	75-27-4	0.00058		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Bromoform	75-25-2	0.00048		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Bromomethane	74-83-9	0.00089		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Carbon tetrachloride	56-23-5	0.00051		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Chlorobenzene	108-90-7	0.00055		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Chloroethane	75-00-3	0.00055		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Chloroform	67-66-3	0.00049		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Chloromethane	74-87-3	0.00065		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00036		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00039		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Cumene	98-82-8	0.00057		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Dibromochloromethane	124-48-1	0.00038		mg/kg	N		EPA 8260B

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Dibromomethane	74-95-3	0.00038		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00059		mg/kg	N	UJ	EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Diisopropyl ether	108-20-3	0.00028		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Ethyl benzene	100-41-4	0.001		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00028		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	m,p-Xylene	179601-23-1	0.0011		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00036		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Methylene Chloride	75-09-2	0.00043		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	n-Butylbenzene	104-51-8	0.00086		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	n-Propylbenzene	103-65-1	0.00058		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	o-Xylene	95-47-6	0.00072		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	p-Cymene	99-87-6	0.00073		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	sec-Butylbenzene	135-98-8	0.00074		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Styrene	100-42-5	0.00051		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00013		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	tert Butyl alcohol	75-65-0	0.008		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	tert-Butylbenzene	98-06-6	0.00063		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Tetrachloroethene	127-18-4	0.00056		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Toluene	108-88-3	0.00037		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00059		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00042		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Trichloroethene	79-01-6	0.00046		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00038		mg/kg	N		EPA 8260B
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	VOCs	Vinyl chloride	75-01-4	0.00054		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.29	0.29	mg/kg	Y		EPA 300.1
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.797	0.797	mg/kg	Y		EPA 314.0
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000027	0.0000027	mg/kg	Y	J	EPA 8290
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000043	0.0000043	mg/kg	Y		EPA 8290
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000048	0.00000048	mg/kg	Y	JK	EPA 8290
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000013	0.0000013	mg/kg	Y	JK	EPA 8290
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000013	0.0000013	mg/kg	Y	J	EPA 8290
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000011	0.0000011	mg/kg	Y	J	EPA 8290
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000023	0.00000023	mg/kg	Y	J	EPA 8290
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000014	0.00000014	mg/kg	Y	JK	EPA 8290
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000062	0.00000062	mg/kg	Y	JK	EPA 8290
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000027		mg/kg	N		EPA 8290
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000033	0.00000033	mg/kg	Y	J	EPA 8290
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000036	0.00000036	mg/kg	Y	J	EPA 8290
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000042	0.00000042	mg/kg	Y	JK	EPA 8290
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000054		mg/kg	N		EPA 8290
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	174	174	mg/kg	Y		SM 2320B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Carbonate as CO3	3812-32-6	7	7	mg/kg	Y	J	SM 2320B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Chloride	16887-00-6	15.2	15.2	mg/kg	Y		EPA 9056
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Hydrogen carbonate	71-52-3	167	167	mg/kg	Y		SM 2320B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Methylene Blue Active Substances	MBAS	0.8	0.8	mg/kg	Y	J	SM 5540C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Moisture	MOIST	8	8	percent	Y		ASTM 2216
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Nitrate	14797-55-8	7.927142857	7.927142857	mg/kg	Y	J+	EPA 9056
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	pH	PH	8.58	8.58	SU	Y		EPA 9045D
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Sulfate	14808-79-8	1060	1060	mg/kg	Y	J	EPA 9056
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	General Chemistry	Total Organic Carbon	TOC	520	520	mg/kg	Y		LLOYD KAHN
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Aluminum	7429-90-5	8630	8630	mg/kg	Y		EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Antimony	7440-36-0	1.2	1.2	mg/kg	Y	J	EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Arsenic	7440-38-2	2.41	2.41	mg/kg	Y		EPA 6020
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Barium	7440-39-3	141	141	mg/kg	Y	J	EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Beryllium	7440-41-7	0.41	0.41	mg/kg	Y	J	EPA 6020
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Boron	7440-42-8	6.6	6.6	mg/kg	Y	J	EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Cadmium	7440-43-9	0.08	0.08	mg/kg	Y	J	EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Calcium	7440-70-2	23800	23800	mg/kg	Y		EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Chromium (total)	7440-47-3	6.8	6.8	mg/kg	Y		EPA 6020
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Chromium VI	18540-29-9	0.2		mg/kg	N		EPA 7199
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Cobalt	7440-48-4	7.2	7.2	mg/kg	Y		EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Copper	7440-50-8	19.3	19.3	mg/kg	Y		EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Iron	7439-89-6	14700	14700	mg/kg	Y		EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Lead	7439-92-1	7.9	7.9	mg/kg	Y		EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Magnesium	7439-95-4	9770	9770	mg/kg	Y		EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Manganese	7439-96-5	298	298	mg/kg	Y	J	EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Mercury	7439-97-6	0.015	0.015	mg/kg	Y	J	EPA 7471A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Molybdenum	7439-98-7	0.32	0.32	mg/kg	Y		EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Nickel	7440-02-0	15.4	15.4	mg/kg	Y		EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Phosphorus (total)	7723-14-0	1010	1010	mg/kg	Y	J+	EPA 365.1M
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Platinum	7440-06-4	0.008	0.008	mg/kg	Y	J	EPA 6020
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Potassium	7440-09-7	2050	2050	mg/kg	Y		EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N	UJ	EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Sodium	7440-23-5	822	822	mg/kg	Y		EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Strontium	7440-24-6	194	194	mg/kg	Y		EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Thallium	7440-28-0	0.085	0.085	mg/kg	Y		EPA 6020
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Tin	7440-31-5	3.6	3.6	mg/kg	Y	J	EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Titanium	7440-32-6	729	729	mg/kg	Y		EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Tungsten	7440-33-7	0.16	0.16	mg/kg	Y	J-	EPA 6020
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Uranium (total)	7440-61-1	1.04	1.04	mg/kg	Y	J	EPA 6020
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Vanadium	7440-62-2	43.1	43.1	mg/kg	Y		EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	Metals	Zinc	7440-66-6	33.8	33.8	mg/kg	Y		EPA 6010B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	4,4'-DDD	72-54-8	0.0019		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	4,4'-DDE	72-55-9	0.0019		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	4,4'-DDT	50-29-3	0.0019		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Aldrin	309-00-2	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	alpha-BHC	319-84-6	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	alpha-Chlordane	5103-71-9	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	beta-BHC	319-85-7	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Chlordane (total)	57-74-9	0.0046		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	delta-BHC	319-86-8	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Dieldrin	60-57-1	0.0019		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Endosulfan I	959-98-8	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Endosulfan II	33213-65-9	0.0019		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0019		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Endrin	72-20-8	0.0019		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Endrin aldehyde	7421-93-4	0.0019		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Endrin ketone	53494-70-5	0.0019		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	gamma-BHC	58-89-9	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	gamma-Chlordane	5103-74-2	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Heptachlor	76-44-8	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00092		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Hexachlorobenzene	118-74-1	0.0019	0.0019	mg/kg	Y		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Methoxychlor	72-43-5	0.0091		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Toxaphene	8001-35-2	0.019		mg/kg	N		EPA 8081
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	PAHs	2-Methylnaphthalene	91-57-6	0.0006		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Acenaphthylene	208-96-8	0.00079		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00061		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00072		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00088		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00082		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Fluorene	86-73-7	0.00073		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00094		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Naphthalene	91-20-3	0.0009		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	RAD	Radium-226	Ra-226	0.555	0.555	pCi/g	Y		EPA 903.1 MOD
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	RAD	Radium-228	Ra-228	1.57	1.57	pCi/g	Y		EPA 904.0 MOD
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	RAD	Thorium-228	Th-228	1.72	1.72	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	RAD	Thorium-230	Th-230	1.13	1.13	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	RAD	Thorium-232	Th-232	1.4	1.4	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	RAD	Uranium-234	U-234	0.991	0.991	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	RAD	Uranium-235	U-235	0.0586	0.0586	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	RAD	Uranium-238	U-238	1.02	1.02	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	1,4-Dioxane	123-91-1	0.0053		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0036	0.0036	mg/kg	Y	J	EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	Dimethylphthalate	131-11-3	0.00094		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.077	0.077	mg/kg	Y	J	EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00088		mg/kg	N	UJ	EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	SVOCs	Pyridine	110-86-1	0.029		mg/kg	N		EPA 8270C
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00033		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00025		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00047		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00069		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00054		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00044		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00047		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00085		mg/kg	N	UJ	EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00063		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0011		mg/kg	N	UJ	EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00073		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00081		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00036		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00046		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00042		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00046		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00061		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00061		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00043		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00083		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00039		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	2-Butanone	78-93-3	0.0012	0.0012	mg/kg	Y	J	EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	2-Chlorotoluene	95-49-8	0.00072		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	2-Hexanone	591-78-6	0.00084		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	4-Chlorotoluene	106-43-4	0.00064		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00077		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Acetone	67-64-1	0.015	0.015	mg/kg	Y	J	EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Benzene	71-43-2	0.00054		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Bromobenzene	108-86-1	0.00049		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Bromochloromethane	74-97-5	0.00049		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Bromodichloromethane	75-27-4	0.0006		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Bromoform	75-25-2	0.0005		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Bromomethane	74-83-9	0.00092		mg/kg	N	UJ	EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Carbon tetrachloride	56-23-5	0.00053		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Chlorobenzene	108-90-7	0.00057		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Chloroethane	75-00-3	0.00057		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Chloroform	67-66-3	0.00051		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Chloromethane	74-87-3	0.00067		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00037		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0004		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Cumene	98-82-8	0.00059		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Dibromochloromethane	124-48-1	0.00039		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Dibromomethane	74-95-3	0.00039		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00061		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Diisopropyl ether	108-20-3	0.00029		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Ethyl benzene	100-41-4	0.0011		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00029		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	m,p-Xylene	179601-23-1	0.0011		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00037		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Methylene Chloride	75-09-2	0.00045		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	n-Butylbenzene	104-51-8	0.0009		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	n-Propylbenzene	103-65-1	0.0006		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	o-Xylene	95-47-6	0.00074		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	p-Cymene	99-87-6	0.00076		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	sec-Butylbenzene	135-98-8	0.00077		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Styrene	100-42-5	0.00053		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00013		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	tert Butyl alcohol	75-65-0	0.0083		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	tert-Butylbenzene	98-06-6	0.00065		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Tetrachloroethene	127-18-4	0.00058		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Toluene	108-88-3	0.00038		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00061		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00044		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Trichloroethene	79-01-6	0.00047		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00039		mg/kg	N		EPA 8260B
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	VOCs	Vinyl chloride	75-01-4	0.00056		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Chlorine Oxyanions	Chlorate	14866-68-3	17.7	17.7	mg/kg	Y		EPA 300.1M
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	8.68	8.68	mg/kg	Y		EPA 314.0M
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00000283	0.00000283	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000000986	0.000000986	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000000875	0.000000875	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000000233	0.000000233	mg/kg	Y	JK	EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000000465	0.000000465	mg/kg	Y	J-	EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000000582	0.000000582	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	1.49E-08		mg/kg	N		EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000000252	0.000000252	mg/kg	Y	JK	EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000000147	0.000000147	mg/kg	Y	JK	EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000000157	0.000000157	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000151	0.000000151	mg/kg	Y	JK	EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000000291	0.000000291	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	1.02E-08		mg/kg	N		EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	6.06E-08	6.06E-08	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000000149	0.000000149	mg/kg	Y	JK	EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000000344		mg/kg	N		EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	8.9E-09		mg/kg	N		EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	HpCDD (total)	37871-00-4	0.000000325	0.000000325	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	HpCDF (total)	38998-75-3	0.00000175	0.00000175	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	HxCDD (total)	34465-46-8	0.000000143	0.000000143	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	HxCDF (total)	55684-94-1	0.00000177	0.00000177	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	PeCDD (total)	36088-22-9	1.02E-08		mg/kg	N		EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	PeCDF (total)	30402-15-4	0.00000141	0.00000141	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	TCDD (total)	41903-57-5	8.9E-09		mg/kg	N		EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Dioxins	TCDF (total)	30402-14-3	0.00000107	0.00000107	mg/kg	Y		EPA 8290
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	137	137	mg/kg	Y	J+	SM 2320B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	General Chemistry	Ammonia	7664-41-7	0.12159181		mg/kg	N		EPA 350.1
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	General Chemistry	Chloride	16887-00-6	467	467	mg/kg	Y		EPA 9056
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	General Chemistry	Hydrogen carbonate	71-52-3	137	137	mg/kg	Y	J+	SM 2320B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	UJ	SM 5540C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	General Chemistry	Moisture	MOIST	4.5	4.5	percent	Y		EPA 3550C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	General Chemistry	Nitrate	14797-55-8	115.5857143	115.5857143	mg/kg	Y	J+	EPA 9056
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	General Chemistry	pH	PH	8.31	8.31	SU	Y		EPA 9045D
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	General Chemistry	Sulfate	14808-79-8	268	268	mg/kg	Y		EPA 9056
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	General Chemistry	Total Organic Carbon	TOC	570	570	mg/kg	Y		LLOYD KAHN
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Aluminum	7429-90-5	8940	8940	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Antimony	7440-36-0	1.7	1.7	mg/kg	Y	J	EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Arsenic	7440-38-2	1.8	1.8	mg/kg	Y		EPA 6020
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Barium	7440-39-3	199	199	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Beryllium	7440-41-7	0.466	0.466	mg/kg	Y		EPA 6020
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Boron	7440-42-8	5.3	5.3	mg/kg	Y	J	EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Cadmium	7440-43-9	0.19	0.19	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Calcium	7440-70-2	19200	19200	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Chromium (total)	7440-47-3	7.72	7.72	mg/kg	Y		EPA 6020
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Cobalt	7440-48-4	7.7	7.7	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Copper	7440-50-8	19.6	19.6	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Iron	7439-89-6	17900	17900	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Lead	7439-92-1	9.8	9.8	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Magnesium	7439-95-4	8600	8600	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Manganese	7439-96-5	497	497	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Mercury	7439-97-6	0.016	0.016	mg/kg	Y	J	EPA 7471
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Molybdenum	7439-98-7	0.27	0.27	mg/kg	Y	J	EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Nickel	7440-02-0	16.3	16.3	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Phosphorus (total)	7723-14-0	875	875	mg/kg	Y		EPA 365.1M
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Platinum	7440-06-4	0.008	0.008	mg/kg	Y	J	EPA 6020
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Potassium	7440-09-7	2450	2450	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Sodium	7440-23-5	430	430	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Strontium	7440-24-6	152	152	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Thallium	7440-28-0	0.088	0.088	mg/kg	Y		EPA 6020
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Tin	7440-31-5	3.9	3.9	mg/kg	Y	J	EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Titanium	7440-32-6	1080	1080	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Tungsten	7440-33-7	0.12	0.12	mg/kg	Y		EPA 6020
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Uranium (total)	7440-61-1	0.709	0.709	mg/kg	Y		EPA 6020
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Vanadium	7440-62-2	52.8	52.8	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Metals	Zinc	7440-66-6	34.6	34.6	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	4,4'-DDE	72-55-9	0.0018		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	Aldrin	309-00-2	0.00088		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	alpha-BHC	319-84-6	0.00088		mg/kg	N		EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	alpha-Chlordane	5103-71-9	0.00088		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	beta-BHC	319-85-7	0.0016	0.0016	mg/kg	Y	J	EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	Chlordane (total)	57-74-9	0.0044		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	delta-BHC	319-86-8	0.00088		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	Endosulfan I	959-98-8	0.00088		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	Endrin	72-20-8	0.0018		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	gamma-BHC	58-89-9	0.00088		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	gamma-Chlordane	5103-74-2	0.00088		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	Heptachlor	76-44-8	0.00088		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00088		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	Hexachlorobenzene	118-74-1	0.00088		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	Methoxychlor	72-43-5	0.0088		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	Toxaphene	8001-35-2	0.018		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Chlorpyrifos	2921-88-2	0.0068		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Coumaphos	56-72-4	0.0029		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Dasanit	115-90-2	0.0085		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Demeton-O	298-03-3	0.0055		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Demeton-S	126-75-0	0.0051		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Diazinon	333-41-5	0.0076		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Dichlorovos	62-73-7	0.0077		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Dimethoate	60-51-5	0.0074		mg/kg	N	UJ	EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Disulfoton	298-04-4	0.0081		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	EPN	2104-64-5	0.0039		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Ethoprop	13194-48-4	0.0052		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Famphur	52-85-7	0.0034		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Fenthion	55-38-9	0.0092		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Guthion	86-50-0	0.0037		mg/kg	N	UJ	EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Malathion	121-75-5	0.0049		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Merphos	150-50-5	0.0054		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Methyl parathion	298-00-0	0.0067		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Mevinphos	7786-34-7	0.0048		mg/kg	N	UJ	EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Naled	300-76-5	0.024		mg/kg	N	UJ	EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Parathion	56-38-2	0.0055		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Phorate	298-02-2	0.006		mg/kg	N	UJ	EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Prothiophos	34643-46-4	0.0041		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Ronnel	299-84-3	0.016		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Stirophos	22248-79-9	0.0046		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Sulfotepp	3689-24-5	0.0066		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Sulprofos	35400-43-2	0.0044		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Thionazin	297-97-2	0.0058		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OPPs	Trichloronate	327-98-0	0.0065		mg/kg	N	UJ	EPA 8141A
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Organics	4-Chlorobenzenesulfonic acid	98-66-8	0.25		mg/kg	N		HPLC-UV
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Organics	Benzenesulfonic acid	98-11-3	0.25		mg/kg	N		HPLC-UV
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Organics	Diethylphosphorodithioate	298-06-6	0.25		mg/kg	N		HPLC-UV
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Organics	o,o-Dimethyl Phosphorodithioate	756-80-9	1.3		mg/kg	N		HPLC-UV
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	Organics	Phthalic acid	88-99-3	0.25		mg/kg	N		HPLC-UV
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00058		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PAHs	Acenaphthylene	208-96-8	0.00076		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00059		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00069		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00085		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PAHs	Chrysene	218-01-9	0.001		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00079		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PAHs	Fluorene	86-73-7	0.00071		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00091		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PAHs	Naphthalene	91-20-3	0.00086		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PAHs	Pyrene	129-00-0	0.001		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PCBs	Aroclor-1016	12674-11-2	0.018		mg/kg	N		EPA 8082
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PCBs	Aroclor-1221	11104-28-2	0.04		mg/kg	N		EPA 8082
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PCBs	Aroclor-1232	11141-16-5	0.018		mg/kg	N		EPA 8082
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PCBs	Aroclor-1242	53469-21-9	0.028		mg/kg	N		EPA 8082
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PCBs	Aroclor-1248	12672-29-6	0.018		mg/kg	N		EPA 8082
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PCBs	Aroclor-1254	11097-69-1	0.018		mg/kg	N		EPA 8082

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PCBs	Aroclor-1260	11096-82-5	0.032		mg/kg	N		EPA 8082
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	RAD	Radium-226	Ra-226	0.891	0.891	pCi/g	Y		EPA 903.1 MOD
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	RAD	Radium-228	Ra-228	1.23	1.23	pCi/g	Y		EPA 904.0 MOD
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	RAD	Thorium-228	Th-228	1.69	1.69	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	RAD	Thorium-230	Th-230	0.79	0.79	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	RAD	Thorium-232	Th-232	1.39	1.39	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	RAD	Uranium-234	U-234	0.807	0.807	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	RAD	Uranium-235	U-235	0.0301	0.0301	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	RAD	Uranium-238	U-238	0.942	0.942	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	SVOCs	1,4-Dioxane	123-91-1	0.0051		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	SVOCs	Dimethylphthalate	131-11-3	0.00091		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.034		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00075		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0036		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	TPH	Oil Range Organics	TPH-MOTOR	42		mg/kg	N		EPA 8015B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	42		mg/kg	N		EPA 8015B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00028		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00021		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0004		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00058		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00046		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00037		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	1,1-Dichloropropene	563-58-6	0.0004		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00072		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00053		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00089		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00062		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00069		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	1,2-Dibromoethane	106-93-4	0.0003		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00039		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00035		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00039		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00052		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00052		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00036		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.0007		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00033		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	2-Butanone	78-93-3	0.0017	0.0017	mg/kg	Y	J	EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	2-Chlorotoluene	95-49-8	0.00061		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	2-Hexanone	591-78-6	0.00071		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	4-Chlorotoluene	106-43-4	0.00054		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00065		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Acetone	67-64-1	0.017	0.017	mg/kg	Y	J	EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Benzene	71-43-2	0.00046		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Bromobenzene	108-86-1	0.00041		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Bromochloromethane	74-97-5	0.00041		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Bromodichloromethane	75-27-4	0.00051		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Bromoform	75-25-2	0.00042		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Bromomethane	74-83-9	0.00078		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Carbon tetrachloride	56-23-5	0.00045		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Chlorobenzene	108-90-7	0.00048		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Chloroethane	75-00-3	0.00048		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Chloroform	67-66-3	0.00043		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Chloromethane	74-87-3	0.00057		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00031		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00034		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Cumene	98-82-8	0.0005		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Dibromochloromethane	124-48-1	0.00033		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Dibromomethane	74-95-3	0.00033		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00052		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Diisopropyl ether	108-20-3	0.00024		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Ethyl benzene	100-41-4	0.00088		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00024		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	m,p-Xylene	179601-23-1	0.00093		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00031		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Methylene Chloride	75-09-2	0.00038		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	n-Butylbenzene	104-51-8	0.00076		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	n-Propylbenzene	103-65-1	0.00051		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	o-Xylene	95-47-6	0.00063		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	p-Cymene	99-87-6	0.00064		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	sec-Butylbenzene	135-98-8	0.00065		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Styrene	100-42-5	0.00045		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	tert Butyl alcohol	75-65-0	0.007		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	tert-Butylbenzene	98-06-6	0.00055		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Tetrachloroethene	127-18-4	0.00049		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Toluene	108-88-3	0.00078	0.00078	mg/kg	Y	J	EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00052		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00037		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Trichloroethene	79-01-6	0.0004		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00033		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	VOCs	Vinyl chloride	75-01-4	0.00047		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Chlorine Oxyanions	Chlorate	14866-68-3	18.7	18.7	mg/kg	Y		EPA 300.1M
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	8.42	8.42	mg/kg	Y		EPA 314.0M
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00000125	0.00000125	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000331	0.00000331	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000000375	0.000000375	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000000551	0.000000551	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	3.54E-08		mg/kg	N	UJ	EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000000165	0.000000165	mg/kg	Y	JK	EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	2.21E-08		mg/kg	N		EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000000023		mg/kg	N		EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000000117	0.000000117	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000003		mg/kg	N		EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000144	0.000000144	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000000112	0.000000112	mg/kg	Y	JK	EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	8.8E-09		mg/kg	N		EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	2.57E-08		mg/kg	N		EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	7.63E-08	7.63E-08	mg/kg	Y	JK	EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000057		mg/kg	N		EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	8.1E-09		mg/kg	N		EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	HpCDD (total)	37871-00-4	0.00000109	0.00000109	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	HpCDF (total)	38998-75-3	0.000000375	0.000000375	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	HxCDD (total)	34465-46-8	0.000000344	0.000000344	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	HxCDF (total)	55684-94-1	0.000000245	0.000000245	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	PeCDD (total)	36088-22-9	5.99E-08	5.99E-08	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	PeCDF (total)	30402-15-4	0.000000417	0.000000417	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	TCDD (total)	41903-57-5	8.1E-09		mg/kg	N		EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Dioxins	TCDF (total)	30402-14-3	0.000000646	0.000000646	mg/kg	Y	J	EPA 8290
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	149	149	mg/kg	Y	J+	SM 2320B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	General Chemistry	Ammonia	7664-41-7	0.12159181		mg/kg	N		EPA 350.1
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	General Chemistry	Chloride	16887-00-6	419	419	mg/kg	Y		EPA 9056
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	General Chemistry	Hydrogen carbonate	71-52-3	149	149	mg/kg	Y	J+	SM 2320B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	UJ	SM 5540C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	General Chemistry	Moisture	MOIST	4.7	4.7	percent	Y		EPA 3550C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	General Chemistry	Nitrate	14797-55-8	104.5142857	104.5142857	mg/kg	Y	J+	EPA 9056
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	General Chemistry	pH	PH	8.22	8.22	SU	Y		EPA 9045D
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	General Chemistry	Sulfate	14808-79-8	204	204	mg/kg	Y		EPA 9056
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	General Chemistry	Total Organic Carbon	TOC	650	650	mg/kg	Y		LLOYD KAHN
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Aluminum	7429-90-5	8800	8800	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Antimony	7440-36-0	1.7	1.7	mg/kg	Y	J	EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Arsenic	7440-38-2	1.66	1.66	mg/kg	Y		EPA 6020
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Barium	7440-39-3	159	159	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Beryllium	7440-41-7	0.451	0.451	mg/kg	Y		EPA 6020
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Boron	7440-42-8	5.2	5.2	mg/kg	Y	J	EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Cadmium	7440-43-9	0.23	0.23	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Calcium	7440-70-2	22600	22600	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Chromium (total)	7440-47-3	7.33	7.33	mg/kg	Y		EPA 6020
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Cobalt	7440-48-4	7.5	7.5	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Copper	7440-50-8	18.7	18.7	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Iron	7439-89-6	16600	16600	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Lead	7439-92-1	8.6	8.6	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Magnesium	7439-95-4	8060	8060	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Manganese	7439-96-5	384	384	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Mercury	7439-97-6	0.015	0.015	mg/kg	Y	J	EPA 7471
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Molybdenum	7439-98-7	0.32	0.32	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Nickel	7440-02-0	16.5	16.5	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Phosphorus (total)	7723-14-0	826	826	mg/kg	Y		EPA 365.1M
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Platinum	7440-06-4	0.007	0.007	mg/kg	Y	J	EPA 6020
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Potassium	7440-09-7	2350	2350	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Sodium	7440-23-5	534	534	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Strontium	7440-24-6	140	140	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Thallium	7440-28-0	0.091	0.091	mg/kg	Y		EPA 6020
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Tin	7440-31-5	4.1	4.1	mg/kg	Y	J	EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Titanium	7440-32-6	925	925	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Tungsten	7440-33-7	0.12	0.12	mg/kg	Y		EPA 6020
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Uranium (total)	7440-61-1	0.699	0.699	mg/kg	Y		EPA 6020
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Vanadium	7440-62-2	49.9	49.9	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Metals	Zinc	7440-66-6	32.3	32.3	mg/kg	Y		EPA 6010
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	4,4'-DDE	72-55-9	0.0018		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	Aldrin	309-00-2	0.00089		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	alpha-BHC	319-84-6	0.00089		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	alpha-Chlordane	5103-71-9	0.00089		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	beta-BHC	319-85-7	0.002	0.002	mg/kg	Y		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	Chlordane (total)	57-74-9	0.0044		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	delta-BHC	319-86-8	0.00089		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	Endosulfan I	959-98-8	0.00089		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	Endrin	72-20-8	0.0018		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	gamma-BHC	58-89-9	0.00089		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	gamma-Chlordane	5103-74-2	0.00089		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	Heptachlor	76-44-8	0.00089		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00089		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	Hexachlorobenzene	118-74-1	0.00089		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	Methoxychlor	72-43-5	0.0088		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	Toxaphene	8001-35-2	0.018		mg/kg	N		EPA 8081
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Chlorpyrifos	2921-88-2	0.0068		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Coumaphos	56-72-4	0.0029		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Dasanit	115-90-2	0.0086		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Demeton-O	298-03-3	0.0055		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Demeton-S	126-75-0	0.0051		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Diazinon	333-41-5	0.0076		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Dichlorovos	62-73-7	0.0078		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Dimethoate	60-51-5	0.0074		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Disulfoton	298-04-4	0.0081		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	EPN	2104-64-5	0.0039		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Ethoprop	13194-48-4	0.0052		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Famphur	52-85-7	0.0034		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Fenthion	55-38-9	0.0092		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Guthion	86-50-0	0.0037		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Malathion	121-75-5	0.0049		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Merphos	150-50-5	0.0054		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Methyl parathion	298-00-0	0.0067		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Mevinphos	7786-34-7	0.0048		mg/kg	N	UJ	EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Naled	300-76-5	0.024		mg/kg	N	UJ	EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Parathion	56-38-2	0.0055		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Phorate	298-02-2	0.006		mg/kg	N	UJ	EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Prothiophos	34643-46-4	0.0041		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Ronnel	299-84-3	0.016		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Stirophos	22248-79-9	0.0046		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Sulfotepp	3689-24-5	0.0066		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Sulprofos	35400-43-2	0.0044		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Thionazin	297-97-2	0.0058		mg/kg	N		EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OPPs	Trichloronate	327-98-0	0.0066		mg/kg	N	UJ	EPA 8141A
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Organics	4-Chlorobenzenesulfonic acid	98-66-8	0.25		mg/kg	N		HPLC-UV
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Organics	Benzenesulfonic acid	98-11-3	0.25		mg/kg	N		HPLC-UV
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Organics	Diethylphosphorodithioate	298-06-6	0.25		mg/kg	N		HPLC-UV
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Organics	o,o-Dimethyl Phosphorodithioate	756-80-9	1.3		mg/kg	N		HPLC-UV
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	Organics	Phthalic acid	88-99-3	0.25		mg/kg	N		HPLC-UV
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00058		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PAHs	Acenaphthylene	208-96-8	0.00076		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00059		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00069		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00085		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00079		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PAHs	Fluorene	86-73-7	0.00071		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00091		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PAHs	Naphthalene	91-20-3	0.00087		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PAHs	Pyrene	129-00-0	0.001		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PCBs	Aroclor-1016	12674-11-2	0.018		mg/kg	N		EPA 8082
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PCBs	Aroclor-1221	11104-28-2	0.04		mg/kg	N		EPA 8082
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PCBs	Aroclor-1232	11141-16-5	0.018		mg/kg	N		EPA 8082
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PCBs	Aroclor-1242	53469-21-9	0.028		mg/kg	N		EPA 8082
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PCBs	Aroclor-1248	12672-29-6	0.018		mg/kg	N		EPA 8082
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PCBs	Aroclor-1254	11097-69-1	0.018		mg/kg	N		EPA 8082
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PCBs	Aroclor-1260	11096-82-5	0.032		mg/kg	N		EPA 8082
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	RAD	Radium-226	Ra-226	0.483	0.483	pCi/g	Y		EPA 903.1 MOD
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	RAD	Radium-228	Ra-228	1.65	1.65	pCi/g	Y		EPA 904.0 MOD
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	RAD	Thorium-228	Th-228	1.59	1.59	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	RAD	Thorium-230	Th-230	0.856	0.856	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	RAD	Thorium-232	Th-232	1.33	1.33	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	RAD	Uranium-234	U-234	0.932	0.932	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	RAD	Uranium-235	U-235	0.0288	0.0288	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	RAD	Uranium-238	U-238	0.927	0.927	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	SVOCs	1,4-Dioxane	123-91-1	0.0051		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	SVOCs	Dimethylphthalate	131-11-3	0.00091		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.054	0.054	mg/kg	Y	J	EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00078		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0036		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	TPH	Oil Range Organics	TPH-MOTOR	42		mg/kg	N		EPA 8015B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	42		mg/kg	N		EPA 8015B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00029		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00022		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00042		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.0006		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00048		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00039		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00042		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00075		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00055		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00092		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00064		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00072		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00031		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00041		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00037		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00041		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00054		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00054		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00038		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00073		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00034		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	2-Butanone	78-93-3	0.00079	0.00079	mg/kg	Y	J	EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	2-Chlorotoluene	95-49-8	0.00063		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	2-Hexanone	591-78-6	0.00074		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	4-Chlorotoluene	106-43-4	0.00056		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00067		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Acetone	67-64-1	0.017	0.017	mg/kg	Y	J	EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Benzene	71-43-2	0.00048		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Bromobenzene	108-86-1	0.00043		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Bromochloromethane	74-97-5	0.00043		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Bromodichloromethane	75-27-4	0.00053		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Bromoform	75-25-2	0.00044		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Bromomethane	74-83-9	0.00081		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Carbon tetrachloride	56-23-5	0.00047		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Chlorobenzene	108-90-7	0.0005		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Chloroethane	75-00-3	0.0005		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Chloroform	67-66-3	0.00045		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Chloromethane	74-87-3	0.00059		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00032		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00035		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Cumene	98-82-8	0.00052		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Dibromochloromethane	124-48-1	0.00034		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Dibromomethane	74-95-3	0.00034		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00054		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Diisopropyl ether	108-20-3	0.00025		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Ethyl benzene	100-41-4	0.00091		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00025		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	m,p-Xylene	179601-23-1	0.00096		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00032		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Methylene Chloride	75-09-2	0.0009	0.0009	mg/kg	Y	J	EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	n-Butylbenzene	104-51-8	0.00079		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	n-Propylbenzene	103-65-1	0.00053		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	o-Xylene	95-47-6	0.00065		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	p-Cymene	99-87-6	0.00066		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	sec-Butylbenzene	135-98-8	0.00067		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Styrene	100-42-5	0.00047		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00012		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	tert Butyl alcohol	75-65-0	0.0073		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	tert-Butylbenzene	98-06-6	0.00057		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Tetrachloroethene	127-18-4	0.00051		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Toluene	108-88-3	0.00039	0.00039	mg/kg	Y	J	EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00054		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00039		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Trichloroethene	79-01-6	0.00042		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00034		mg/kg	N		EPA 8260B
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	VOCs	Vinyl chloride	75-01-4	0.00049		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Chlorine Oxyanions	Chlorate	14866-68-3	29.9	29.9	mg/kg	Y		EPA 300.1M
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	12.3	12.3	mg/kg	Y		EPA 314.0M
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00000254	0.00000254	mg/kg	Y	J	EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000298	0.00000298	mg/kg	Y	J	EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000000734	0.000000734	mg/kg	Y	JK	EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000000589	0.000000589	mg/kg	Y	J	EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000000168		mg/kg	N		EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000000404	0.000000404	mg/kg	Y	J	EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	9.77E-08		mg/kg	N		EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000000277	0.000000277	mg/kg	Y	J	EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	9.29E-08		mg/kg	N		EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	8.26E-08		mg/kg	N		EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	9.55E-08		mg/kg	N		EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000000089		mg/kg	N		EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	9.99E-08		mg/kg	N		EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	7.32E-08		mg/kg	N		EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	8.58E-08		mg/kg	N		EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	9.42E-08		mg/kg	N		EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000055		mg/kg	N		EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	HpCDD (total)	37871-00-4	0.00000113	0.00000113	mg/kg	Y	J	EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	HpCDF (total)	38998-75-3	0.000000132		mg/kg	N		EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	HxCDD (total)	34465-46-8	9.29E-08		mg/kg	N		EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	HxCDF (total)	55684-94-1	0.00000163	0.00000163	mg/kg	Y	J	EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	PeCDD (total)	36088-22-9	9.99E-08		mg/kg	N		EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	PeCDF (total)	30402-15-4	0.00000103	0.00000103	mg/kg	Y	J	EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	TCDD (total)	41903-57-5	0.000000055		mg/kg	N		EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Dioxins	TCDF (total)	30402-14-3	0.000000406	0.000000406	mg/kg	Y	J	EPA 8290
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	228	228	mg/kg	Y	J+	SM 2320B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	General Chemistry	Ammonia	7664-41-7	0.12159181		mg/kg	N		EPA 350.1
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	General Chemistry	Carbonate as CO3	3812-32-6	11	11	mg/kg	Y	J	SM 2320B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	General Chemistry	Chloride	16887-00-6	150	150	mg/kg	Y	J+	EPA 9056
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	General Chemistry	Hydrogen carbonate	71-52-3	217	217	mg/kg	Y	J+	SM 2320B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N		SM 5540C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	General Chemistry	Nitrate	14797-55-8	73.07142857	73.07142857	mg/kg	Y	J+	EPA 9056
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	General Chemistry	pH	PH	9.05	9.05	SU	Y		EPA 9045D
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	General Chemistry	Sulfate	14808-79-8	226	226	mg/kg	Y	J+	EPA 9056
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	General Chemistry	Total Organic Carbon	TOC	600	600	mg/kg	Y		LLOYD KAHN
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Aluminum	7429-90-5	10100	10100	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Antimony	7440-36-0	1.3	1.3	mg/kg	Y	J	EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Arsenic	7440-38-2	2.03	2.03	mg/kg	Y		EPA 6020
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Barium	7440-39-3	169	169	mg/kg	Y		EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Beryllium	7440-41-7	0.524	0.524	mg/kg	Y		EPA 6020
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Boron	7440-42-8	8.3	8.3	mg/kg	Y	J	EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Cadmium	7440-43-9	0.17	0.17	mg/kg	Y		EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Calcium	7440-70-2	20900	20900	mg/kg	Y		EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Chromium (total)	7440-47-3	7.14	7.14	mg/kg	Y		EPA 6020
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Chromium VI	18540-29-9	0.18		mg/kg	N		EPA 7199
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Cobalt	7440-48-4	9.1	9.1	mg/kg	Y		EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Copper	7440-50-8	21.1	21.1	mg/kg	Y		EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Iron	7439-89-6	18500	18500	mg/kg	Y		EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Lead	7439-92-1	10	10	mg/kg	Y		EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Magnesium	7439-95-4	11400	11400	mg/kg	Y		EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Manganese	7439-96-5	402	402	mg/kg	Y		EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Mercury	7439-97-6	0.02	0.02	mg/kg	Y		EPA 7471
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Molybdenum	7439-98-7	0.31	0.31	mg/kg	Y		EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Nickel	7440-02-0	18.6	18.6	mg/kg	Y		EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Phosphorus (total)	7723-14-0	771	771	mg/kg	Y		EPA 365.1M
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Platinum	7440-06-4	0.01	0.01	mg/kg	Y	J	EPA 6020
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Potassium	7440-09-7	2060	2060	mg/kg	Y		EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Sodium	7440-23-5	766	766	mg/kg	Y		EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Strontium	7440-24-6	231	231	mg/kg	Y		EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Thallium	7440-28-0	0.08	0.08	mg/kg	Y		EPA 6020
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Tin	7440-31-5	4.1	4.1	mg/kg	Y	J	EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Titanium	7440-32-6	981	981	mg/kg	Y		EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Tungsten	7440-33-7	0.15	0.15	mg/kg	Y		EPA 6020
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Uranium (total)	7440-61-1	0.932	0.932	mg/kg	Y		EPA 6020
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Vanadium	7440-62-2	54.9	54.9	mg/kg	Y		EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	Metals	Zinc	7440-66-6	38.3	38.3	mg/kg	Y		EPA 6010
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	4,4'-DDE	72-55-9	0.0018		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	Aldrin	309-00-2	0.00088		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	alpha-BHC	319-84-6	0.00088		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	alpha-Chlordane	5103-71-9	0.00088		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	beta-BHC	319-85-7	0.0039	0.0039	mg/kg	Y		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	Chlordane (total)	57-74-9	0.0044		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	delta-BHC	319-86-8	0.00088		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	Endosulfan I	959-98-8	0.00088		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	Endrin	72-20-8	0.0018		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	gamma-BHC	58-89-9	0.00088		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	gamma-Chlordane	5103-74-2	0.00088		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	Heptachlor	76-44-8	0.00088		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00088		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	Hexachlorobenzene	118-74-1	0.00088		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	Methoxychlor	72-43-5	0.0087		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	Toxaphene	8001-35-2	0.018		mg/kg	N		EPA 8081
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00057		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	PAHs	Acenaphthylene	208-96-8	0.00075		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	PAHs	Anthracene	120-12-7	0.0012		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00058		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00068		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00084		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	PAHs	Chrysene	218-01-9	0.00099		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00078		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	PAHs	Fluorene	86-73-7	0.0007		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0009		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	PAHs	Naphthalene	91-20-3	0.00086		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	PAHs	Phenanthrene	85-01-8	0.0018		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	PAHs	Pyrene	129-00-0	0.00099		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	RAD	Radium-226	Ra-226	0.611	0.611	pCi/g	Y	J-	EPA 903.1 MOD
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	RAD	Radium-228	Ra-228	1.69	1.69	pCi/g	Y		EPA 904.0 MOD

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	RAD	Thorium-228	Th-228	1.39	1.39	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	RAD	Thorium-230	Th-230	0.659	0.659	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	RAD	Thorium-232	Th-232	1.24	1.24	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	RAD	Uranium-234	U-234	0.707	0.707	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	RAD	Uranium-235	U-235	-0.0766		pCi/g	N		DOE EML HASL-300 U MOD
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	RAD	Uranium-238	U-238	0.914	0.914	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	SVOCs	1,4-Dioxane	123-91-1	0.005		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	SVOCs	Diethylphthalate	84-66-2	0.12		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	SVOCs	Dimethylphthalate	131-11-3	0.0009		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.09	0.09	mg/kg	Y	J	EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0011		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00056		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	SVOCs	Nitrobenzene	98-95-3	0.0018		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0036		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	SVOCs	Pyridine	110-86-1	0.027		mg/kg	N		EPA 8270C
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	TPH	Oil Range Organics	TPH-MOTOR	41		mg/kg	N		EPA 8015B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	34	34	mg/kg	Y	J	EPA 8015B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00021		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00016		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0003		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00043		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00034		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00028		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	1,1-Dichloropropene	563-58-6	0.0003		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00054		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.0004		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00066		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00046		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00051		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00023		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00029		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00026		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00029		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00039		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00039		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00027		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00052		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00025		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	2-Butanone	78-93-3	0.0016	0.0016	mg/kg	Y	J	EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	2-Chlorotoluene	95-49-8	0.00045		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	2-Hexanone	591-78-6	0.00053		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	4-Chlorotoluene	106-43-4	0.0004		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00048		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Acetone	67-64-1	0.0043	0.0043	mg/kg	Y	J	EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Benzene	71-43-2	0.00034		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Bromobenzene	108-86-1	0.00031		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Bromochloromethane	74-97-5	0.00031		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Bromodichloromethane	75-27-4	0.00038		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Bromoform	75-25-2	0.00031		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Bromomethane	74-83-9	0.00058		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Carbon tetrachloride	56-23-5	0.00034		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Chlorobenzene	108-90-7	0.00036		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Chloroethane	75-00-3	0.00036		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Chloroform	67-66-3	0.00032		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Chloromethane	74-87-3	0.00042		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00023		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00026		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Cumene	98-82-8	0.00037		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Dibromochloromethane	124-48-1	0.00025		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Dibromomethane	74-95-3	0.00025		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00039		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Diisopropyl ether	108-20-3	0.00018		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Ethyl benzene	100-41-4	0.00065		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00018		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	m,p-Xylene	179601-23-1	0.00069		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00023		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Methylene Chloride	75-09-2	0.00028		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	n-Butylbenzene	104-51-8	0.00056		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	n-Propylbenzene	103-65-1	0.00038		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	o-Xylene	95-47-6	0.00047		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	p-Cymene	99-87-6	0.00048		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	sec-Butylbenzene	135-98-8	0.00048		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Styrene	100-42-5	0.00034		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	t-Amyl methyl ether	994-05-8	0.000082		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	tert Butyl alcohol	75-65-0	0.0052		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	tert-Butylbenzene	98-06-6	0.00041		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Tetrachloroethene	127-18-4	0.00037		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Toluene	108-88-3	0.00042	0.00042	mg/kg	Y	J	EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00039		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00028		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Trichloroethene	79-01-6	0.0003		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00025		mg/kg	N		EPA 8260B
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	VOCs	Vinyl chloride	75-01-4	0.00035		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.05	0.05	mg/kg	Y	J	EPA 300.1M
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.045		mg/kg	N		EPA 314.0M
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000618	0.0000618	mg/kg	Y		EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000225	0.000225	mg/kg	Y		EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000192	0.0000192	mg/kg	Y		EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000523	0.0000523	mg/kg	Y		EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000724	0.00000724	mg/kg	Y		EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000983	0.00000983	mg/kg	Y		EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000384	0.000000384	mg/kg	Y	J	EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000562	0.00000562	mg/kg	Y		EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000938	0.00000938	mg/kg	Y		EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000000653	0.000000653	mg/kg	Y	J	EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000494	0.00000494	mg/kg	Y		EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000474	0.00000474	mg/kg	Y		EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000818	0.000000818	mg/kg	Y	J	EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000197	0.00000197	mg/kg	Y	J	EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000283	0.00000283	mg/kg	Y		EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000043	0.0000043	mg/kg	Y		EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000333	0.000000333	mg/kg	Y	JK	EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	HpCDD (total)	37871-00-4	0.000102	0.000102	mg/kg	Y		EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	HpCDF (total)	38998-75-3	0.0000448	0.0000448	mg/kg	Y		EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	HxCDD (total)	34465-46-8	0.0000717	0.0000717	mg/kg	Y		EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	HxCDF (total)	55684-94-1	0.0000478	0.0000478	mg/kg	Y		EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	PeCDD (total)	36088-22-9	0.00000552	0.00000552	mg/kg	Y		EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	PeCDF (total)	30402-15-4	0.0000441	0.0000441	mg/kg	Y		EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	TCDD (total)	41903-57-5	0.00000263	0.00000263	mg/kg	Y		EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Dioxins	TCDF (total)	30402-14-3	0.0000384	0.0000384	mg/kg	Y		EPA 8290
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	303	303	mg/kg	Y		SM 2320B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	General Chemistry	Ammonia	7664-41-7	0.145910172	0.145910172	mg/kg	Y	J	EPA 350.1
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	General Chemistry	Carbonate as CO3	3812-32-6	4	4	mg/kg	Y	J	SM 2320B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	General Chemistry	Chloride	16887-00-6	3	3	mg/kg	Y	J+	EPA 9056
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	General Chemistry	Hydrogen carbonate	71-52-3	299	299	mg/kg	Y	J+	SM 2320B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	General Chemistry	Methylene Blue Active Substances	MBAS	1.4	1.4	mg/kg	Y	J	SM 5540C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	General Chemistry	Nitrate	14797-55-8	7.218571429	7.218571429	mg/kg	Y	J+	EPA 9056
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	General Chemistry	pH	PH	8.62	8.62	SU	Y		EPA 9045D
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	General Chemistry	Sulfate	14808-79-8	112	112	mg/kg	Y		EPA 9056
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	General Chemistry	Total Organic Carbon	TOC	810	810	mg/kg	Y		LLOYD KAHN
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Aluminum	7429-90-5	7790	7790	mg/kg	Y		EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Antimony	7440-36-0	0.6		mg/kg	N	UJ	EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Arsenic	7440-38-2	2.55	2.55	mg/kg	Y		EPA 6020
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Barium	7440-39-3	249	249	mg/kg	Y	J	EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Beryllium	7440-41-7	0.478	0.478	mg/kg	Y	J	EPA 6020
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Boron	7440-42-8	39.9	39.9	mg/kg	Y		EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Cadmium	7440-43-9	0.13	0.13	mg/kg	Y		EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Calcium	7440-70-2	21900	21900	mg/kg	Y	J	EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Chromium (total)	7440-47-3	10.2	10.2	mg/kg	Y		EPA 6020
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Chromium VI	18540-29-9	0.2		mg/kg	N		EPA 7199
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Cobalt	7440-48-4	16.2	16.2	mg/kg	Y		EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Copper	7440-50-8	23.6	23.6	mg/kg	Y		EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Iron	7439-89-6	16900	16900	mg/kg	Y		EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Lead	7439-92-1	17.3	17.3	mg/kg	Y		EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Magnesium	7439-95-4	7310	7310	mg/kg	Y		EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Mercury	7439-97-6	0.051	0.051	mg/kg	Y		EPA 7471
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Molybdenum	7439-98-7	1.31	1.31	mg/kg	Y		EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Nickel	7440-02-0	32.4	32.4	mg/kg	Y		EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Phosphorus (total)	7723-14-0	914	914	mg/kg	Y		EPA 365.1M
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Platinum	7440-06-4	0.058	0.058	mg/kg	Y	J	EPA 6020
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Potassium	7440-09-7	2080	2080	mg/kg	Y		EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Selenium	7782-49-2	0.8		mg/kg	N		EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Silver	7440-22-4	1	1	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Sodium	7440-23-5	444	444	mg/kg	Y		EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Strontium	7440-24-6	144	144	mg/kg	Y		EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Thallium	7440-28-0	0.153	0.153	mg/kg	Y		EPA 6020
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Tin	7440-31-5	5	5	mg/kg	Y	J	EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Titanium	7440-32-6	746	746	mg/kg	Y		EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Tungsten	7440-33-7	0.31	0.31	mg/kg	Y	J-	EPA 6020
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Uranium (total)	7440-61-1	0.959	0.959	mg/kg	Y		EPA 6020
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Vanadium	7440-62-2	39.7	39.7	mg/kg	Y		EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	Metals	Zinc	7440-66-6	78.6	78.6	mg/kg	Y		EPA 6010
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	4,4'-DDD	72-54-8	0.0019		mg/kg	N		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	4,4'-DDE	72-55-9	0.0076	0.0076	mg/kg	Y		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	4,4'-DDT	50-29-3	0.013	0.013	mg/kg	Y		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	Aldrin	309-00-2	0.00094		mg/kg	N		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	alpha-BHC	319-84-6	0.00094		mg/kg	N		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	alpha-Chlordane	5103-71-9	0.00094		mg/kg	N		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	beta-BHC	319-85-7	0.013	0.013	mg/kg	Y		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	Chlordane (total)	57-74-9	0.0047		mg/kg	N		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	delta-BHC	319-86-8	0.00094		mg/kg	N		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	Dieldrin	60-57-1	0.0019		mg/kg	N		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	Endosulfan I	959-98-8	0.00094		mg/kg	N		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	Endosulfan II	33213-65-9	0.0019		mg/kg	N		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0019		mg/kg	N		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	Endrin	72-20-8	0.0019		mg/kg	N		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	Endrin aldehyde	7421-93-4	0.0019		mg/kg	N		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	Endrin ketone	53494-70-5	0.0019		mg/kg	N		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	gamma-BHC	58-89-9	0.00094		mg/kg	N		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	gamma-Chlordane	5103-74-2	0.00094		mg/kg	N		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	Heptachlor	76-44-8	0.00094		mg/kg	N		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00094		mg/kg	N		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	Hexachlorobenzene	118-74-1	0.0012	0.0012	mg/kg	Y	J	EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	Methoxychlor	72-43-5	0.0093		mg/kg	N		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	Toxaphene	8001-35-2	0.019		mg/kg	N		EPA 8081
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00061		mg/kg	N		EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	PAHs	Acenaphthylene	208-96-8	0.0011	0.0011	mg/kg	Y	J	EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0048	0.0048	mg/kg	Y	J	EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0063	0.0063	mg/kg	Y	J	EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.007	0.007	mg/kg	Y	J	EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0078	0.0078	mg/kg	Y		EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.007	0.007	mg/kg	Y	J	EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	PAHs	Chrysene	218-01-9	0.0092	0.0092	mg/kg	Y		EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00083		mg/kg	N		EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	PAHs	Fluoranthene	206-44-0	0.011	0.011	mg/kg	Y		EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	PAHs	Fluorene	86-73-7	0.00075		mg/kg	N		EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0059	0.0059	mg/kg	Y	J	EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	PAHs	Naphthalene	91-20-3	0.00091		mg/kg	N		EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	PAHs	Phenanthrene	85-01-8	0.0033	0.0033	mg/kg	Y	J	EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	PAHs	Pyrene	129-00-0	0.01	0.01	mg/kg	Y		EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	RAD	Radium-226	Ra-226	0.926	0.926	pCi/g	Y		EPA 903.1 MOD
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	RAD	Radium-228	Ra-228	1.39	1.39	pCi/g	Y	J	EPA 904.0 MOD
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	RAD	Thorium-228	Th-228	2.02	2.02	pCi/g	Y		DOE EML HASL-300
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	RAD	Thorium-230	Th-230	1.15	1.15	pCi/g	Y	J	DOE EML HASL-300
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	RAD	Thorium-232	Th-232	1.55	1.55	pCi/g	Y		DOE EML HASL-300
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	RAD	Uranium-234	U-234	0.768	0.768	pCi/g	Y	J	DOE EML HASL-300
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	RAD	Uranium-235	U-235	0.0524	0.0524	pCi/g	Y		DOE EML HASL-300
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	RAD	Uranium-238	U-238	0.829	0.829	pCi/g	Y	J	DOE EML HASL-300
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	SVOCs	1,4-Dioxane	123-91-1	0.0054		mg/kg	N		EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0026		mg/kg	N		EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	SVOCs	Dimethylphthalate	131-11-3	0.0044	0.0044	mg/kg	Y	J	EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.041	0.041	mg/kg	Y	J	EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N	UJ	EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00076		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	SVOCs	Nitrobenzene	98-95-3	0.002		mg/kg	N		EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0038		mg/kg	N		EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	SVOCs	Pyridine	110-86-1	0.029		mg/kg	N		EPA 8270C
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	TPH	Oil Range Organics	TPH-MOTOR	44		mg/kg	N		EPA 8015B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	44		mg/kg	N		EPA 8015B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00025		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00022		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00033		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00024		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00017		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00033		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00041		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00073		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00054		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00077		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00038		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0007		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00031		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00035		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00027		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00027		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0003		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.0005		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00031		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.0006		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00029		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	2-Butanone	78-93-3	0.0022	0.0022	mg/kg	Y	J	EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	2-Chlorotoluene	95-49-8	0.00045		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	2-Hexanone	591-78-6	0.00071		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	4-Chlorotoluene	106-43-4	0.00055		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00066		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Acetone	67-64-1	0.016	0.016	mg/kg	Y	J	EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Benzene	71-43-2	0.00022		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Bromobenzene	108-86-1	0.00031		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Bromochloromethane	74-97-5	0.00033		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Bromodichloromethane	75-27-4	0.00022		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Bromoform	75-25-2	0.00043		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Bromomethane	74-83-9	0.00046		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Carbon tetrachloride	56-23-5	0.00046		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Chlorobenzene	108-90-7	0.00023		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Chloroethane	75-00-3	0.00044		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Chloroform	67-66-3	0.00033		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Chloromethane	74-87-3	0.00062	0.00062	mg/kg	Y	J	EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00023		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00031		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Cumene	98-82-8	0.00029		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Dibromochloromethane	124-48-1	0.00034		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Dibromomethane	74-95-3	0.00034		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00053		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Diisopropyl ether	108-20-3	0.00025		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Ethyl benzene	100-41-4	0.00089		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00025		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	m,p-Xylene	179601-23-1	0.00064		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00023		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Methylene Chloride	75-09-2	0.00039		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	n-Butylbenzene	104-51-8	0.00059		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	n-Propylbenzene	103-65-1	0.0004		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	o-Xylene	95-47-6	0.00064		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	p-Cymene	99-87-6	0.00045		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	sec-Butylbenzene	135-98-8	0.00046		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Styrene	100-42-5	0.00029		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00012		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	tert Butyl alcohol	75-65-0	0.0071		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	tert-Butylbenzene	98-06-6	0.00033		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Tetrachloroethene	127-18-4	0.0005		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Toluene	108-88-3	0.00066	0.00066	mg/kg	Y	J	EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00032		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00037		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Trichloroethene	79-01-6	0.00041		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00034		mg/kg	N		EPA 8260B
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	VOCs	Vinyl chloride	75-01-4	0.00024		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.057		mg/kg	N		EPA 300.1
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	5.19	5.19	mg/kg	Y		EPA 314.0
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000187	0.0000187	mg/kg	Y		EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000955	0.0000955	mg/kg	Y		EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00000662	0.00000662	mg/kg	Y		EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000352	0.0000352	mg/kg	Y		EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000182	0.00000182	mg/kg	Y	J	EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000361	0.00000361	mg/kg	Y		EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	4.38E-08		mg/kg	N		EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000207	0.00000207	mg/kg	Y	J	EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000089	0.0000089	mg/kg	Y		EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000000232	0.000000232	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000386	0.00000386	mg/kg	Y		EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000213	0.00000213	mg/kg	Y	J	EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000303	0.000000303	mg/kg	Y	JK	EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000127	0.00000127	mg/kg	Y	J	EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000137	0.00000137	mg/kg	Y	J	EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000199	0.00000199	mg/kg	Y		EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000147	0.000000147	mg/kg	Y	JK	EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	HpCDD (total)	37871-00-4	0.000067	0.000067	mg/kg	Y		EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	HpCDF (total)	38998-75-3	0.0000137	0.0000137	mg/kg	Y		EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	HxCDD (total)	34465-46-8	0.0000715	0.0000715	mg/kg	Y		EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	HxCDF (total)	55684-94-1	0.0000206	0.0000206	mg/kg	Y		EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	PeCDD (total)	36088-22-9	0.00000416	0.00000416	mg/kg	Y		EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	PeCDF (total)	30402-15-4	0.0000228	0.0000228	mg/kg	Y		EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	TCDD (total)	41903-57-5	0.00000138	0.00000138	mg/kg	Y		EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Dioxins	TCDF (total)	30402-14-3	0.0000234	0.0000234	mg/kg	Y		EPA 8290
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	136	136	mg/kg	Y	J+	SM 2320B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	General Chemistry	Ammonia	7664-41-7	1.276714001	1.276714001	mg/kg	Y	J+	EPA 350.1
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	General Chemistry	Chloride	16887-00-6	334	334	mg/kg	Y	J+	EPA 9056
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	General Chemistry	Hydrogen carbonate	71-52-3	136	136	mg/kg	Y	J+	SM 2320B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	General Chemistry	Methylene Blue Active Substances	MBAS	5.1	5.1	mg/kg	Y		SM 5540C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	General Chemistry	Moisture	MOIST	6.2	6.2	percent	Y		EPA 3550C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	General Chemistry	Nitrate	14797-55-8	43.4	43.4	mg/kg	Y	J+	EPA 9056
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	General Chemistry	Nitrite	14797-65-0	0.21	0.21	mg/kg	Y		EPA 353.2
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	General Chemistry	pH	PH	8.24	8.24	SU	Y		EPA 9045D
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	General Chemistry	Sulfate	14808-79-8	17900	17900	mg/kg	Y		EPA 9056
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	General Chemistry	Total Organic Carbon	TOC	810	810	mg/kg	Y		LLOYD KAHN
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Aluminum	7429-90-5	7320	7320	mg/kg	Y		EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Arsenic	7440-38-2	2.76	2.76	mg/kg	Y		EPA 6020
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Barium	7440-39-3	158	158	mg/kg	Y		EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Beryllium	7440-41-7	0.393	0.393	mg/kg	Y	J	EPA 6020
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Boron	7440-42-8	82.2	82.2	mg/kg	Y		EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Cadmium	7440-43-9	0.04		mg/kg	N		EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Calcium	7440-70-2	26000	26000	mg/kg	Y		EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Chromium (total)	7440-47-3	16.8	16.8	mg/kg	Y	J	EPA 6020
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Cobalt	7440-48-4	15.3	15.3	mg/kg	Y		EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Copper	7440-50-8	19.2	19.2	mg/kg	Y		EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Iron	7439-89-6	33100	33100	mg/kg	Y		EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Lead	7439-92-1	10.6	10.6	mg/kg	Y		EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Magnesium	7439-95-4	7240	7240	mg/kg	Y		EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Manganese	7439-96-5	400	400	mg/kg	Y		EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Mercury	7439-97-6	0.021	0.021	mg/kg	Y		EPA 7471A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Molybdenum	7439-98-7	2.75	2.75	mg/kg	Y		EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Nickel	7440-02-0	22	22	mg/kg	Y		EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Phosphorus (total)	7723-14-0	898	898	mg/kg	Y		EPA 365.1M
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Platinum	7440-06-4	0.042	0.042	mg/kg	Y	J	EPA 6020
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Potassium	7440-09-7	2130	2130	mg/kg	Y		EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Silver	7440-22-4	0.2	0.2	mg/kg	Y	J	EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Sodium	7440-23-5	2550	2550	mg/kg	Y		EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Strontium	7440-24-6	168	168	mg/kg	Y		EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Thallium	7440-28-0	0.117	0.117	mg/kg	Y		EPA 6020
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Tin	7440-31-5	4.1	4.1	mg/kg	Y	J	EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Titanium	7440-32-6	605	605	mg/kg	Y		EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Tungsten	7440-33-7	0.18	0.18	mg/kg	Y	J-	EPA 6020
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Uranium (total)	7440-61-1	0.757	0.757	mg/kg	Y	J	EPA 6020
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Vanadium	7440-62-2	29.7	29.7	mg/kg	Y		EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Metals	Zinc	7440-66-6	36.3	36.3	mg/kg	Y		EPA 6010B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	4,4'-DDE	72-55-9	0.0045	0.0045	mg/kg	Y		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	4,4'-DDT	50-29-3	0.0066	0.0066	mg/kg	Y		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	Aldrin	309-00-2	0.00089		mg/kg	N		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	alpha-BHC	319-84-6	0.00089		mg/kg	N		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	alpha-Chlordane	5103-71-9	0.00089		mg/kg	N		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	beta-BHC	319-85-7	0.0052	0.0052	mg/kg	Y		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	Chlordane (total)	57-74-9	0.0045		mg/kg	N		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	delta-BHC	319-86-8	0.00089		mg/kg	N		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	Endosulfan I	959-98-8	0.00089		mg/kg	N		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N		EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	Endrin	72-20-8	0.0018		mg/kg	N		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	gamma-BHC	58-89-9	0.00089		mg/kg	N		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	gamma-Chlordane	5103-74-2	0.00089		mg/kg	N		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	Heptachlor	76-44-8	0.00089		mg/kg	N		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00089		mg/kg	N		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	Hexachlorobenzene	118-74-1	0.00089		mg/kg	N		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	Methoxychlor	72-43-5	0.0089		mg/kg	N		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	Toxaphene	8001-35-2	0.018		mg/kg	N		EPA 8081
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Chlorpyrifos	2921-88-2	0.0069		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Coumaphos	56-72-4	0.003		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Dasanit	115-90-2	0.0087		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Demeton-O	298-03-3	0.0056		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Demeton-S	126-75-0	0.0052		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Diazinon	333-41-5	0.0078		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Dichlorovos	62-73-7	0.0079		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Dimethoate	60-51-5	0.0076		mg/kg	N	UJ	EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Disulfoton	298-04-4	0.0082		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	EPN	2104-64-5	0.0039		mg/kg	N	UJ	EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Ethoprop	13194-48-4	0.0053		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Famphur	52-85-7	0.0034		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Fenthion	55-38-9	0.0093		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Guthion	86-50-0	0.0037		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Malathion	121-75-5	0.0049		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Merphos	150-50-5	0.0055		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Methyl parathion	298-00-0	0.0068		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Mevinphos	7786-34-7	0.0049		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Naled	300-76-5	0.024		mg/kg	N	UJ	EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Parathion	56-38-2	0.0056		mg/kg	N	UJ	EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Phorate	298-02-2	0.0061		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Prothiophos	34643-46-4	0.0042		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Ronnel	299-84-3	0.016		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Stirophos	22248-79-9	0.0047		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Sulfotepp	3689-24-5	0.0067		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Sulprofos	35400-43-2	0.0045		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Thionazin	297-97-2	0.0059		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OPPs	Trichloronate	327-98-0	0.0067		mg/kg	N		EPA 8141A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Organics	4-Chlorobenzenesulfonic acid	98-66-8	0.25		mg/kg	N		HPLC-UV
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Organics	Benzenesulfonic acid	98-11-3	0.25		mg/kg	N		HPLC-UV
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Organics	Diethylphosphorodithioate	298-06-6	0.25		mg/kg	N		HPLC-UV
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Organics	o,o-Dimethyl Phosphorodithioate	756-80-9	1.3		mg/kg	N		HPLC-UV
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	Organics	Phthalic acid	88-99-3	0.25		mg/kg	N		HPLC-UV
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00058		mg/kg	N		EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PAHs	Acenaphthylene	208-96-8	0.00077		mg/kg	N		EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0028	0.0028	mg/kg	Y	J	EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0035	0.0035	mg/kg	Y	J	EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0056	0.0056	mg/kg	Y	J	EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0035	0.0035	mg/kg	Y	J	EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.0046	0.0046	mg/kg	Y	J	EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PAHs	Chrysene	218-01-9	0.0067	0.0067	mg/kg	Y	J	EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00079		mg/kg	N		EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PAHs	Fluoranthene	206-44-0	0.0067	0.0067	mg/kg	Y	J	EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PAHs	Fluorene	86-73-7	0.00071		mg/kg	N		EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0035	0.0035	mg/kg	Y	J	EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PAHs	Naphthalene	91-20-3	0.0014	0.0014	mg/kg	Y	J	EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PAHs	Pyrene	129-00-0	0.0049	0.0049	mg/kg	Y	J	EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Aroclor-1016	12674-11-2	0.018		mg/kg	N		EPA 8082
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Aroclor-1221	11104-28-2	0.041		mg/kg	N		EPA 8082
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Aroclor-1232	11141-16-5	0.018		mg/kg	N		EPA 8082
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Aroclor-1242	53469-21-9	0.028		mg/kg	N		EPA 8082
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Aroclor-1248	12672-29-6	0.018		mg/kg	N		EPA 8082
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Aroclor-1254	11097-69-1	0.018		mg/kg	N		EPA 8082
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Aroclor-1260	11096-82-5	0.032		mg/kg	N		EPA 8082
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Dichlorobiphenyl	25512-42-9	0.000755	0.000755	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Heptachlorobiphenyl	28655-71-2	0.000622	0.000622	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Hexachlorobiphenyl	26601-64-9	0.000798	0.000798	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Monochlorobiphenyl	27323-18-8	0.0000143	0.0000143	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Nonachlorobiphenyl	53742-07-7	0.00113	0.00113	mg/kg	Y		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Octachlorobiphenyl	55722-26-4	0.00087	0.00087	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-001 (2-CB)	2051-60-7	0.00000349	0.00000349	mg/kg	Y	JK	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-002 (3-CB)	2051-61-8	0.00000315	0.00000315	mg/kg	Y	JK	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-003 (4-CB)	2051-62-9	0.00000764	0.00000764	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.00000515		mg/kg	N		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.00000188		mg/kg	N		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.0000119	0.0000119	mg/kg	Y		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.00000324	0.00000324	mg/kg	Y	JK	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.0000441	0.0000441	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.00000338	0.00000338	mg/kg	Y	JK	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.00000145		mg/kg	N		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.00066	0.00066	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.00000161		mg/kg	N		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.0000256	0.0000256	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000264	0.0000264	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000196	0.0000196	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.00000486	0.00000486	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000221	0.0000221	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.000000929		mg/kg	N		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.000000669	0.000000669	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.00000405	0.00000405	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.00000255	0.00000255	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.000051	0.000051	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.0000111	0.0000111	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.000000788		mg/kg	N		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000044	0.0000044	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.000000759		mg/kg	N		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.0000125	0.0000125	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.000000911		mg/kg	N		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.000000858		mg/kg	N		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.00000687	0.00000687	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000222	0.00000222	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.00000671	0.00000671	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000052	0.000052	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.000000508		mg/kg	N		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.000000555		mg/kg	N		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.0000101	0.0000101	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.000000467		mg/kg	N		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.00000252	0.00000252	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.00000648	0.00000648	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.000000906	0.000000906	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.0000122	0.0000122	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.0000166	0.0000166	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.000000956	0.000000956	mg/kg	Y	JK	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.00000306	0.00000306	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.000000456		mg/kg	N		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.00000412	0.00000412	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.000000884		mg/kg	N		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.00000308	0.00000308	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.0000027	0.0000027	mg/kg	Y	JK	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.00000188	0.00000188	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.00000468	0.00000468	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.0000175	0.0000175	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.00000292	0.00000292	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.0000153	0.0000153	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.00000138	0.00000138	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.0000763	0.0000763	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.000000952	0.000000952	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.00000293	0.00000293	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.00000109	0.00000109	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.0000146	0.0000146	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.00000285	0.00000285	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-107 (2,3,3',4',5-PeCB)	70424-68-9	0.00000516	0.00000516	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.0000069	0.0000069	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.000000569	0.000000569	mg/kg	Y	JK	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.00000211	0.00000211	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-117 (2,3,4',5,6-PeCB)	68194-11-6	0.00000162	0.00000162	mg/kg	Y	JK	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.0000426	0.0000426	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.00000456	0.00000456	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.00000483	0.00000483	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.00000112		mg/kg	N		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.0000026	0.0000026	mg/kg	Y	JK	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.00000462	0.00000462	mg/kg	Y	JK	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.0000126	0.0000126	mg/kg	Y	JK	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.00000513	0.00000513	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.0000512	0.0000512	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.00000854	0.00000854	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-134 (2,2',3,3',5,6-HxCB)	52704-70-8	0.00000907	0.00000907	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.0000191	0.0000191	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.0000038		mg/kg	N		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.0000339	0.0000339	mg/kg	Y	JK	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.0000049	0.0000049	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-143 (2,2',3,4,5,6'-HxCB)	68194-15-0	0.00000373		mg/kg	N		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.0000133	0.0000133	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.00000206	0.00000206	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.0000332	0.0000332	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.00000694	0.00000694	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.00000564	0.00000564	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.00000933	0.00000933	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.00000586	0.00000586	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.0000163	0.0000163	mg/kg	Y	JK	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.0000101	0.0000101	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.00000286		mg/kg	N		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.00000563	0.00000563	mg/kg	Y	JK	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.00000697	0.00000697	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.00002	0.00002	mg/kg	Y	JK	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.00000344	0.00000344	mg/kg	Y	JK	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.0000118	0.0000118	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.00000414	0.00000414	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.0000362	0.0000362	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.000034	0.000034	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.0000441	0.0000441	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.0000265	0.0000265	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.0000192	0.0000192	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.0000152	0.0000152	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.0000221	0.0000221	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.0000212	0.0000212	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.0000138	0.0000138	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.0000178	0.0000178	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.0000441	0.0000441	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.0000279	0.0000279	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.0000108	0.0000108	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00000416	0.00000416	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.000053	0.000053	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.0000214	0.0000214	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.0000178	0.0000178	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.0000155	0.0000155	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.00000935	0.00000935	mg/kg	Y	JK	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.000062	0.000062	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.0000332	0.0000332	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.000126	0.000126	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.000114	0.000114	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.0000394	0.0000394	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.000113	0.000113	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.000029	0.000029	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.0000823	0.0000823	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.0000683	0.0000683	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.0000436	0.0000436	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.00035	0.00035	mg/kg	Y		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.000489	0.000489	mg/kg	Y		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.000287	0.000287	mg/kg	Y		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCB-209 (DeCB)	2051-24-3	0.0036	0.0036	mg/kg	Y	J+	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 108+124	PCB108+124	0.00108		mg/kg	N		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 110+115	PCB110+115	0.0000917	0.0000917	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 12+13	PCB12+13	0.00000611	0.00000611	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 128+166	PCB128+166	0.0000201	0.0000201	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 129+138+163	PCB129+138+163	0.000139	0.000139	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 135+151	PCB135+151	0.0000625	0.0000625	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 139+140	PCB139+140	0.0000108	0.0000108	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 147+149	PCB147+149	0.000124	0.000124	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 153+168	PCB153+168	0.000122	0.000122	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 156+157	PCB156+157	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 171+173	PCB171+173	0.0000525	0.0000525	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 18+30	PCB18+30	0.0000219	0.0000219	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 180+193	PCB180+193	0.000099	0.000099	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 198+199	PCB198+199	0.00016	0.00016	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 20+28	PCB20+28	0.0000624	0.0000624	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 21+33	PCB21+33	0.000036	0.000036	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 26+29	PCB26+29	0.00000964	0.00000964	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 40+41+71	PCB40+41+71	0.0000137	0.0000137	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 43+73	PCB43+73	0.00000115	0.00000115	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 44+47+65	PCB44+47+65	0.0000355	0.0000355	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 45+51	PCB45+51	0.00000773	0.00000773	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 49+69	PCB49+69	0.0000188	0.0000188	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 50+53	PCB50+53	0.00000513	0.00000513	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 59+62+75	PCB59+62+75	0.00000314	0.00000314	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.0000428	0.0000428	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 83+99	PCB83+99	0.0000241	0.0000241	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 85+116	PCB85+116	0.0000105	0.0000105	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.000582		mg/kg	N		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 88+91	PCB88+91	0.0000111	0.0000111	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 90+101+113	PCB90+101+113	0.000105	0.000105	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 93+100	PCB93+100	0.00000401	0.00000401	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	PCBs 98+102	PCB98+102	0.00000353	0.00000353	mg/kg	Y	JK	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Pentachlorobiphenyl	25429-29-2	0.000468	0.000468	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Tetrachlorobiphenyl	26914-33-0	0.00026	0.00026	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Total PCBs	TPCB	0.0088	0.0088	mg/kg	Y		EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Trichlorobiphenyl	25323-68-6	0.000289	0.000289	mg/kg	Y	J	EPA 1668A
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	RAD	Radium-226	Ra-226	0.769	0.769	pCi/g	Y		EPA 903.1 MOD
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	RAD	Radium-228	Ra-228	0.292		pCi/g	N		EPA 904.0 MOD
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	RAD	Thorium-228	Th-228	1.69	1.69	pCi/g	Y		DOE EML HASL-300
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	RAD	Thorium-230	Th-230	1.01	1.01	pCi/g	Y		DOE EML HASL-300
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	RAD	Thorium-232	Th-232	1.68	1.68	pCi/g	Y		DOE EML HASL-300
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	RAD	Uranium-234	U-234	0.9	0.9	pCi/g	Y		DOE EML HASL-300
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	RAD	Uranium-235	U-235	0.0168		pCi/g	N		DOE EML HASL-300
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	RAD	Uranium-238	U-238	0.883	0.883	pCi/g	Y		DOE EML HASL-300
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	SVOCs	1,4-Dioxane	123-91-1	0.0051		mg/kg	N		EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	SVOCs	Dimethylphthalate	131-11-3	0.00092		mg/kg	N		EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.034		mg/kg	N		EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00074		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0036		mg/kg	N		EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	TPH	Oil Range Organics	TPH-MOTOR	42		mg/kg	N		EPA 8015B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	42		mg/kg	N		EPA 8015B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00028		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00021		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0004		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00057		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00046		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00037		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	1,1-Dichloropropene	563-58-6	0.0004		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00071		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00053		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00088		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00061		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00068		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	1,2-Dibromoethane	106-93-4	0.0003		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00039		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00035		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00039		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00052		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00052		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00036		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00069		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00033		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	2-Butanone	78-93-3	0.001	0.001	mg/kg	Y	J	EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	2-Chlorotoluene	95-49-8	0.0006		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	2-Hexanone	591-78-6	0.0007		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	4-Chlorotoluene	106-43-4	0.00054		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00064		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Acetone	67-64-1	0.014	0.014	mg/kg	Y	J	EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Benzene	71-43-2	0.00046		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Bromobenzene	108-86-1	0.00041		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Bromochloromethane	74-97-5	0.00041		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Bromodichloromethane	75-27-4	0.00051		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Bromoform	75-25-2	0.00042		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Bromomethane	74-83-9	0.00077		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Carbon tetrachloride	56-23-5	0.00045		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Chlorobenzene	108-90-7	0.00048		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Chloroethane	75-00-3	0.00048		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Chloroform	67-66-3	0.00043		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Chloromethane	74-87-3	0.00056		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00031		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00034		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Cumene	98-82-8	0.0005		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Dibromochloromethane	124-48-1	0.00033		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Dibromomethane	74-95-3	0.00033		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00052		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Diisopropyl ether	108-20-3	0.00024		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Ethyl benzene	100-41-4	0.00087		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00024		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	m,p-Xylene	179601-23-1	0.00092		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00031		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Methylene Chloride	75-09-2	0.00038		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	n-Butylbenzene	104-51-8	0.00075		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	n-Propylbenzene	103-65-1	0.00051		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	o-Xylene	95-47-6	0.00062		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	p-Cymene	99-87-6	0.00063		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	sec-Butylbenzene	135-98-8	0.00064		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Styrene	100-42-5	0.00045		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	tert Butyl alcohol	75-65-0	0.0069		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	tert-Butylbenzene	98-06-6	0.00055		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Tetrachloroethene	127-18-4	0.00049		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Toluene	108-88-3	0.00032		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00052		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00037		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Trichloroethene	79-01-6	0.0004		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00033		mg/kg	N		EPA 8260B
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	VOCs	Vinyl chloride	75-01-4	0.00047		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Chlorine Oxyanions	Chlorate	14866-68-3	5.83	5.83	mg/kg	Y		EPA 300.1M
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	1.87	1.87	mg/kg	Y		EPA 314.0M
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00059	0.00059	mg/kg	Y	J	EPA 8290
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00008	0.00008	mg/kg	Y	J	EPA 8290
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00018	0.00018	mg/kg	Y	J	EPA 8290
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000023	0.000023	mg/kg	Y		EPA 8290
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000074	0.000074	mg/kg	Y	J	EPA 8290
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000002	0.000002	mg/kg	Y	J	EPA 8290
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000054	0.000054	mg/kg	Y		EPA 8290
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000055	0.0000055	mg/kg	Y		EPA 8290
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000008	0.000008	mg/kg	Y		EPA 8290
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000041	0.0000041	mg/kg	Y		EPA 8290
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000056	0.000056	mg/kg	Y		EPA 8290
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000036	0.0000036	mg/kg	Y		EPA 8290
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000031	0.000031	mg/kg	Y		EPA 8290
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000079	0.000079	mg/kg	Y		EPA 8290
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000018	0.0000018	mg/kg	Y		EPA 8290
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	852	852	mg/kg	Y		SM 2320B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Carbonate as CO3	3812-32-6	64	64	mg/kg	Y		SM 2320B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Chloride	16887-00-6	120	120	mg/kg	Y	J+	EPA 9056
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Hydrogen carbonate	71-52-3	788	788	mg/kg	Y		SM 2320B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N		SM 5540C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Moisture	MOIST	6.7	6.7	percent	Y		ASTM 2216
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Nitrate	14797-55-8	29.98142857	29.98142857	mg/kg	Y	J+	EPA 9056
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Nitrite	14797-65-0	0.1		mg/kg	N		EPA 353.2
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	pH	PH	10.01	10.01	SU	Y		EPA 9045D
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Sulfate	14808-79-8	349	349	mg/kg	Y		EPA 9056
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Total Organic Carbon	TOC	9720	9720	mg/kg	Y		LLOYD KAHN
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Aluminum	7429-90-5	6410	6410	mg/kg	Y		EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Antimony	7440-36-0	0.7	0.7	mg/kg	Y	J-	EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Arsenic	7440-38-2	3.39	3.39	mg/kg	Y		EPA 6020
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Barium	7440-39-3	130	130	mg/kg	Y		EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Beryllium	7440-41-7	0.407	0.407	mg/kg	Y		EPA 6020
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Boron	7440-42-8	12.3	12.3	mg/kg	Y		EPA 6010B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Cadmium	7440-43-9	8.88	8.88	mg/kg	Y		EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Calcium	7440-70-2	43900	43900	mg/kg	Y		EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Chromium (total)	7440-47-3	9.95	9.95	mg/kg	Y		EPA 6020
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Cobalt	7440-48-4	5.5	5.5	mg/kg	Y		EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Copper	7440-50-8	32.2	32.2	mg/kg	Y		EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Iron	7439-89-6	13700	13700	mg/kg	Y		EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Lead	7439-92-1	50.5	50.5	mg/kg	Y		EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Magnesium	7439-95-4	28800	28800	mg/kg	Y		EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Manganese	7439-96-5	532	532	mg/kg	Y	J-	EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Mercury	7439-97-6	0.056	0.056	mg/kg	Y		EPA 7471A
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Molybdenum	7439-98-7	0.81	0.81	mg/kg	Y		EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Nickel	7440-02-0	12.9	12.9	mg/kg	Y	J	EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Phosphorus (total)	7723-14-0	890	890	mg/kg	Y		EPA 365.1M
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Platinum	7440-06-4	0.015	0.015	mg/kg	Y	J	EPA 6020
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Potassium	7440-09-7	2140	2140	mg/kg	Y		EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Sodium	7440-23-5	904	904	mg/kg	Y		EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Strontium	7440-24-6	163	163	mg/kg	Y		EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Thallium	7440-28-0	0.153	0.153	mg/kg	Y		EPA 6020
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Tin	7440-31-5	5.4	5.4	mg/kg	Y	J	EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Titanium	7440-32-6	558	558	mg/kg	Y		EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Tungsten	7440-33-7	0.54	0.54	mg/kg	Y		EPA 6020
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Uranium (total)	7440-61-1	1.18	1.18	mg/kg	Y		EPA 6020
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Vanadium	7440-62-2	33.8	33.8	mg/kg	Y		EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Zinc	7440-66-6	67.5	67.5	mg/kg	Y		EPA 6010B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	4,4'-DDD	72-54-8	0.018		mg/kg	N		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	4,4'-DDE	72-55-9	0.1	0.1	mg/kg	Y		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	4,4'-DDT	50-29-3	0.058	0.058	mg/kg	Y		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Aldrin	309-00-2	0.009		mg/kg	N		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	alpha-BHC	319-84-6	0.009		mg/kg	N		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	alpha-Chlordane	5103-71-9	0.009		mg/kg	N		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	beta-BHC	319-85-7	0.074	0.074	mg/kg	Y		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Chlordane (total)	57-74-9	0.045		mg/kg	N		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	delta-BHC	319-86-8	0.009		mg/kg	N		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Dieldrin	60-57-1	0.018		mg/kg	N		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Endosulfan I	959-98-8	0.009		mg/kg	N		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Endosulfan II	33213-65-9	0.018		mg/kg	N		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Endosulfan sulfate	1031-07-8	0.018		mg/kg	N		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Endrin	72-20-8	0.018		mg/kg	N		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Endrin aldehyde	7421-93-4	0.018		mg/kg	N		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Endrin ketone	53494-70-5	0.018		mg/kg	N		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	gamma-BHC	58-89-9	0.009		mg/kg	N		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	gamma-Chlordane	5103-74-2	0.009		mg/kg	N		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Heptachlor	76-44-8	0.009		mg/kg	N		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Heptachlor epoxide	1024-57-3	0.009		mg/kg	N		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Hexachlorobenzene	118-74-1	0.041	0.041	mg/kg	Y		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Methoxychlor	72-43-5	0.089		mg/kg	N		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Toxaphene	8001-35-2	0.18		mg/kg	N		EPA 8081
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	2-Methylnaphthalene	91-57-6	0.0024		mg/kg	N		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Acenaphthene	83-32-9	0.0042		mg/kg	N		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Acenaphthylene	208-96-8	0.0031		mg/kg	N		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Anthracene	120-12-7	0.005		mg/kg	N		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Benzo(a)anthracene	56-55-3	0.024	0.024	mg/kg	Y	J	EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Benzo(a)pyrene	50-32-8	0.033	0.033	mg/kg	Y		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.041	0.041	mg/kg	Y		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.034	0.034	mg/kg	Y		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.035	0.035	mg/kg	Y		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Chrysene	218-01-9	0.047	0.047	mg/kg	Y		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0032		mg/kg	N		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Fluoranthene	206-44-0	0.071	0.071	mg/kg	Y		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Fluorene	86-73-7	0.0029		mg/kg	N		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.027	0.027	mg/kg	Y	J	EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Naphthalene	91-20-3	0.0035		mg/kg	N		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Phenanthrene	85-01-8	0.018	0.018	mg/kg	Y	J	EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Pyrene	129-00-0	0.058	0.058	mg/kg	Y		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	RAD	Radium-226	Ra-226	0.718	0.718	pCi/g	Y		EPA 903.1 MOD
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	RAD	Radium-228	Ra-228	1.18	1.18	pCi/g	Y		EPA 904.0 MOD
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	RAD	Thorium-228	Th-228	1.21	1.21	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	RAD	Thorium-230	Th-230	0.888	0.888	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	RAD	Thorium-232	Th-232	1.07	1.07	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	RAD	Uranium-234	U-234	0.774	0.774	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	RAD	Uranium-235	U-235	0.0584		pCi/g	N	UJ	DOE EML HASL-300 U MOD

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	RAD	Uranium-238	U-238	0.892	0.892	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	1,4-Dioxane	123-91-1	0.021		mg/kg	N	UJ	EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.54		mg/kg	N		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0097		mg/kg	N		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	Diethylphthalate	84-66-2	0.49		mg/kg	N		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	Dimethylphthalate	131-11-3	0.0037		mg/kg	N		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.14		mg/kg	N		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0045		mg/kg	N		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.0011		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	Nitrobenzene	98-95-3	0.0074		mg/kg	N		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	Octachlorostyrene	29082-74-4	0.015		mg/kg	N		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	Pyridine	110-86-1	0.12		mg/kg	N		EPA 8270C
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	TPH	Oil Range Organics	TPH-MOTOR	130	130	mg/kg	Y		EPA 8015B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	72	72	mg/kg	Y		EPA 8015B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0004		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.0003		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00058		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00083		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00066		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00053		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00058		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0011		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00076		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0013		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00089		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00099		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00043		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00056		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,2-Dichloroethane	107-06-2	0.0005		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00056		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00075		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00075		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00052		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.001		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00048		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	2-Butanone	78-93-3	0.0021	0.0021	mg/kg	Y	J	EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	2-Chlorotoluene	95-49-8	0.00088		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	2-Hexanone	591-78-6	0.0011		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	4-Chlorotoluene	106-43-4	0.00078		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00093		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Acetone	67-64-1	0.026	0.026	mg/kg	Y	J+	EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Benzene	71-43-2	0.00066		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Bromobenzene	108-86-1	0.00059		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Bromochloromethane	74-97-5	0.00059		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Bromodichloromethane	75-27-4	0.00073		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Bromoform	75-25-2	0.0006		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Bromomethane	74-83-9	0.0012		mg/kg	N	UJ	EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Carbon tetrachloride	56-23-5	0.00065		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Chlorobenzene	108-90-7	0.00069		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Chloroethane	75-00-3	0.00069		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Chloroform	67-66-3	0.00062		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Chloromethane	74-87-3	0.00082		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00045		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00049		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Cumene	98-82-8	0.00072		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Dibromochloromethane	124-48-1	0.00048		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Dibromomethane	74-95-3	0.00048		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00075		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Diisopropyl ether	108-20-3	0.00035		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Ethyl benzene	100-41-4	0.0013		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00035		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	m,p-Xylene	179601-23-1	0.0014		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00045		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Methylene Chloride	75-09-2	0.00055		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	n-Butylbenzene	104-51-8	0.0011		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	n-Propylbenzene	103-65-1	0.00073		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	o-Xylene	95-47-6	0.0009		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	p-Cymene	99-87-6	0.00092		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	sec-Butylbenzene	135-98-8	0.00093		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Styrene	100-42-5	0.00065		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00016		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	tert-Butylbenzene	98-06-6	0.00079		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Tetrachloroethene	127-18-4	0.0007		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Toluene	108-88-3	0.00067	0.00067	mg/kg	Y	J	EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00075		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00053		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Trichloroethene	79-01-6	0.00058		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00048		mg/kg	N		EPA 8260B
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Vinyl chloride	75-01-4	0.00068		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.043		mg/kg	N		EPA 300.1
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.09	0.09	mg/kg	Y		EPA 314.0
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000000745	0.000000745	mg/kg	Y	J	EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000317	0.00000317	mg/kg	Y	J	EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000000307	0.000000307	mg/kg	Y	J	EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000000335	0.000000335	mg/kg	Y	J	EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000000238		mg/kg	N		EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	5.06E-08		mg/kg	N		EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	5.86E-08		mg/kg	N		EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	4.87E-08		mg/kg	N		EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	5.19E-08		mg/kg	N		EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	6.33E-08		mg/kg	N		EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	5.65E-08		mg/kg	N		EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	2.83E-08		mg/kg	N		EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	2.67E-08		mg/kg	N		EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	5.43E-08		mg/kg	N		EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	2.79E-08		mg/kg	N		EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	8.48E-08		mg/kg	N		EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	8.8E-09		mg/kg	N		EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	HpCDD (total)	37871-00-4	0.000000766	0.000000766	mg/kg	Y	J	EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	HpCDF (total)	38998-75-3	0.000000307	0.000000307	mg/kg	Y	J	EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	HxCDD (total)	34465-46-8	5.19E-08		mg/kg	N		EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	HxCDF (total)	55684-94-1	4.87E-08		mg/kg	N		EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	PeCDD (total)	36088-22-9	2.67E-08		mg/kg	N		EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	PeCDF (total)	30402-15-4	0.000000342	0.000000342	mg/kg	Y	J	EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	TCDD (total)	41903-57-5	8.8E-09		mg/kg	N		EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Dioxins	TCDF (total)	30402-14-3	0.000000539	0.000000539	mg/kg	Y	J	EPA 8290
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	86	86	mg/kg	Y	J+	SM 2320B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	General Chemistry	Ammonia	7664-41-7	0.12159181		mg/kg	N		EPA 350.1
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	General Chemistry	Chloride	16887-00-6	9	9	mg/kg	Y	J+	EPA 9056
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	General Chemistry	Hydrogen carbonate	71-52-3	86	86	mg/kg	Y	J+	SM 2320B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N		SM 5540C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	General Chemistry	Nitrate	14797-55-8	4.694285714	4.694285714	mg/kg	Y	J+	EPA 9056
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	General Chemistry	pH	PH	8.19	8.19	SU	Y		EPA 9045D
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	General Chemistry	Sulfate	14808-79-8	9510	9510	mg/kg	Y	J+	EPA 9056
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	General Chemistry	Total Organic Carbon	TOC	1040	1040	mg/kg	Y		LLOYD KAHN
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Aluminum	7429-90-5	7760	7760	mg/kg	Y		EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Arsenic	7440-38-2	2.36	2.36	mg/kg	Y		EPA 6020
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Barium	7440-39-3	165	165	mg/kg	Y		EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Beryllium	7440-41-7	0.524	0.524	mg/kg	Y	J	EPA 6020
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Boron	7440-42-8	7.7	7.7	mg/kg	Y	J	EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Cadmium	7440-43-9	0.23	0.23	mg/kg	Y		EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Calcium	7440-70-2	28800	28800	mg/kg	Y	J	EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Chromium (total)	7440-47-3	7.4	7.4	mg/kg	Y	J	EPA 6020
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Cobalt	7440-48-4	6.8	6.8	mg/kg	Y		EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Copper	7440-50-8	17.1	17.1	mg/kg	Y		EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Iron	7439-89-6	13500	13500	mg/kg	Y		EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Lead	7439-92-1	7.7	7.7	mg/kg	Y	J	EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Magnesium	7439-95-4	9740	9740	mg/kg	Y		EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Manganese	7439-96-5	336	336	mg/kg	Y	J	EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Mercury	7439-97-6	0.015	0.015	mg/kg	Y	J	EPA 7471A
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Molybdenum	7439-98-7	0.44	0.44	mg/kg	Y		EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Nickel	7440-02-0	14	14	mg/kg	Y		EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Phosphorus (total)	7723-14-0	941	941	mg/kg	Y		EPA 365.1M
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Platinum	7440-06-4	0.013	0.013	mg/kg	Y	J	EPA 6020
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Potassium	7440-09-7	1920	1920	mg/kg	Y		EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Sodium	7440-23-5	823	823	mg/kg	Y		EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Strontium	7440-24-6	299	299	mg/kg	Y		EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Thallium	7440-28-0	0.092	0.092	mg/kg	Y		EPA 6020
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Tin	7440-31-5	4.9	4.9	mg/kg	Y	J	EPA 6010B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Titanium	7440-32-6	653	653	mg/kg	Y	J	EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Tungsten	7440-33-7	0.12	0.12	mg/kg	Y	J-	EPA 6020
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Uranium (total)	7440-61-1	1.01	1.01	mg/kg	Y		EPA 6020
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Vanadium	7440-62-2	35.7	35.7	mg/kg	Y		EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	Metals	Zinc	7440-66-6	30.1	30.1	mg/kg	Y		EPA 6010B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	OCPs	Hexachlorobenzene	118-74-1	0.00088		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00059		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	PAHs	Acenaphthylene	208-96-8	0.00078		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0006		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00071		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00087		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00081		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	PAHs	Fluorene	86-73-7	0.00072		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00093		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	PAHs	Naphthalene	91-20-3	0.00088		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	RAD	Radium-226	Ra-226	0.895	0.895	pCi/g	Y	J-	EPA 903.1 MOD
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	RAD	Radium-228	Ra-228	0.853	0.853	pCi/g	Y		EPA 904.0 MOD
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	RAD	Thorium-228	Th-228	1.16	1.16	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	RAD	Thorium-230	Th-230	0.665	0.665	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	RAD	Thorium-232	Th-232	1.4	1.4	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	RAD	Uranium-234	U-234	0.91	0.91	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	RAD	Uranium-235	U-235	0.0823		pCi/g	N		DOE EML HASL-300 U MOD
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	RAD	Uranium-238	U-238	0.949	0.949	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	SVOCs	1,4-Dioxane	123-91-1	0.0052		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N	UJ	EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	SVOCs	Dimethylphthalate	131-11-3	0.00093		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.035		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00087		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00033		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00025		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00047		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00068		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00054		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00043		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00047		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00084		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00062		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0011		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00072		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0008		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00035		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00046		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00041		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00046		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00061		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00061		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00042		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00082		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00039		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	2-Butanone	78-93-3	0.0027	0.0027	mg/kg	Y	J	EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	2-Chlorotoluene	95-49-8	0.00071		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	2-Hexanone	591-78-6	0.00083		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	4-Chlorotoluene	106-43-4	0.00063		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00076		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Acetone	67-64-1	0.013	0.013	mg/kg	Y	J	EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Benzene	71-43-2	0.00054		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Bromobenzene	108-86-1	0.00048		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Bromochloromethane	74-97-5	0.00048		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Bromodichloromethane	75-27-4	0.0006		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Bromoform	75-25-2	0.00049		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Bromomethane	74-83-9	0.00091		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Carbon tetrachloride	56-23-5	0.00053		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Chlorobenzene	108-90-7	0.00056		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Chloroethane	75-00-3	0.00056		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Chloroform	67-66-3	0.0005		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Chloromethane	74-87-3	0.00066		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00036		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0004		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Cumene	98-82-8	0.00058		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Dibromochloromethane	124-48-1	0.00039		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Dibromomethane	74-95-3	0.00039		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00061		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Diisopropyl ether	108-20-3	0.00028		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Ethyl benzene	100-41-4	0.0011		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00028		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	m,p-Xylene	179601-23-1	0.0011		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00036		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Methylene Chloride	75-09-2	0.00044		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	n-Butylbenzene	104-51-8	0.00088		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	n-Propylbenzene	103-65-1	0.0006		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	o-Xylene	95-47-6	0.00073		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	p-Cymene	99-87-6	0.00075		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	sec-Butylbenzene	135-98-8	0.00076		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Styrene	100-42-5	0.00053		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00013		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	tert Butyl alcohol	75-65-0	0.0082		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	tert-Butylbenzene	98-06-6	0.00064		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Tetrachloroethene	127-18-4	0.00057		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Toluene	108-88-3	0.0011	0.0011	mg/kg	Y	J	EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00061		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00043		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Trichloroethene	79-01-6	0.00047		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00039		mg/kg	N		EPA 8260B
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	VOCs	Vinyl chloride	75-01-4	0.00055		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.759	0.759	mg/kg	Y	J-	EPA 300.1
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.596	0.596	mg/kg	Y	J-	EPA 314.0
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000079	0.000079	mg/kg	Y		EPA 8290
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000068	0.000068	mg/kg	Y		EPA 8290
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000025	0.000025	mg/kg	Y		EPA 8290
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000076	0.0000076	mg/kg	Y		EPA 8290
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000018	0.000018	mg/kg	Y		EPA 8290
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000053	0.00000053	mg/kg	Y	JK	EPA 8290
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00001	0.00001	mg/kg	Y		EPA 8290
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000001	0.000001	mg/kg	Y	JK	EPA 8290
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000016	0.0000016	mg/kg	Y	JK	EPA 8290
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000011	0.0000011	mg/kg	Y	JK	EPA 8290
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000011	0.0000011	mg/kg	Y	J	EPA 8290
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000032	0.0000032	mg/kg	Y	JK	EPA 8290
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000009	0.000009	mg/kg	Y		EPA 8290
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000066	0.00000066	mg/kg	Y		EPA 8290
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	327	327	mg/kg	Y		SM 2320B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	General Chemistry	Carbonate as CO3	3812-32-6	13	13	mg/kg	Y	J	SM 2320B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	General Chemistry	Chloride	16887-00-6	5	5	mg/kg	Y	J	EPA 9056
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	General Chemistry	Hydrogen carbonate	71-52-3	314	314	mg/kg	Y		SM 2320B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.2		mg/kg	N		SM 5540C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	General Chemistry	Nitrate	14797-55-8	8.414285714	8.414285714	mg/kg	Y	J+	EPA 9056
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	General Chemistry	pH	PH	9.42	9.42	SU	Y		EPA 9045D
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	General Chemistry	Sulfate	14808-79-8	118	118	mg/kg	Y	J	EPA 9056
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	General Chemistry	Total Organic Carbon	TOC	700	700	mg/kg	Y		LLOYD KAHN
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Aluminum	7429-90-5	8960	8960	mg/kg	Y		EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Antimony	7440-36-0	1.9	1.9	mg/kg	Y	J	EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Arsenic	7440-38-2	2.82	2.82	mg/kg	Y		EPA 6020
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Barium	7440-39-3	172	172	mg/kg	Y	J	EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Beryllium	7440-41-7	0.49	0.49	mg/kg	Y	J	EPA 6020
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Boron	7440-42-8	8	8	mg/kg	Y	J	EPA 6010B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Cadmium	7440-43-9	0.15	0.15	mg/kg	Y		EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Calcium	7440-70-2	30100	30100	mg/kg	Y	J	EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Chromium (total)	7440-47-3	9.37	9.37	mg/kg	Y	J	EPA 6020
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Chromium VI	18540-29-9	1.58	1.58	mg/kg	Y	J	EPA 7199
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Cobalt	7440-48-4	7.4	7.4	mg/kg	Y		EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Copper	7440-50-8	18	18	mg/kg	Y		EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Iron	7439-89-6	15500	15500	mg/kg	Y	J	EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Lead	7439-92-1	19.4	19.4	mg/kg	Y		EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Magnesium	7439-95-4	9220	9220	mg/kg	Y		EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Manganese	7439-96-5	355	355	mg/kg	Y	J	EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Mercury	7439-97-6	0.043	0.043	mg/kg	Y		EPA 7471A
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Molybdenum	7439-98-7	0.9	0.9	mg/kg	Y		EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Nickel	7440-02-0	15.5	15.5	mg/kg	Y	J	EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Phosphorus (total)	7723-14-0	683	683	mg/kg	Y		EPA 365.1M
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Platinum	7440-06-4	0.011	0.011	mg/kg	Y	J	EPA 6020
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Potassium	7440-09-7	2420	2420	mg/kg	Y		EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N	UJ	EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Sodium	7440-23-5	487	487	mg/kg	Y	J	EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Strontium	7440-24-6	202	202	mg/kg	Y	J	EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Thallium	7440-28-0	0.122	0.122	mg/kg	Y		EPA 6020
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Tin	7440-31-5	4.1	4.1	mg/kg	Y	J	EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Titanium	7440-32-6	733	733	mg/kg	Y	J	EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Tungsten	7440-33-7	0.23	0.23	mg/kg	Y	J-	EPA 6020
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Uranium (total)	7440-61-1	0.875	0.875	mg/kg	Y		EPA 6020
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Vanadium	7440-62-2	43	43	mg/kg	Y		EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	Metals	Zinc	7440-66-6	37	37	mg/kg	Y		EPA 6010B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	4,4'-DDD	72-54-8	0.0019		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	4,4'-DDE	72-55-9	0.0026	0.0026	mg/kg	Y	J	EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	4,4'-DDT	50-29-3	0.0019		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	Aldrin	309-00-2	0.00092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	alpha-BHC	319-84-6	0.00092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	alpha-Chlordane	5103-71-9	0.00092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	beta-BHC	319-85-7	0.00092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	Chlordane (total)	57-74-9	0.0046		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	delta-BHC	319-86-8	0.00092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	Dieldrin	60-57-1	0.0019		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	Endosulfan I	959-98-8	0.00092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	Endosulfan II	33213-65-9	0.0019		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0019		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	Endrin	72-20-8	0.0019		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	Endrin aldehyde	7421-93-4	0.0019		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	Endrin ketone	53494-70-5	0.0019		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	gamma-BHC	58-89-9	0.00092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	gamma-Chlordane	5103-74-2	0.00092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	Heptachlor	76-44-8	0.00092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	Hexachlorobenzene	118-74-1	0.0035	0.0035	mg/kg	Y	J	EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	Methoxychlor	72-43-5	0.0091		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	Toxaphene	8001-35-2	0.019		mg/kg	N		EPA 8081
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	PAHs	2-Methylnaphthalene	91-57-6	0.0006		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	PAHs	Acenaphthylene	208-96-8	0.00079		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	PAHs	Benzo(a)anthracene	56-55-3	0.004	0.004	mg/kg	Y	J	EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0051	0.0051	mg/kg	Y	J	EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0073	0.0073	mg/kg	Y		EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0062	0.0062	mg/kg	Y	J	EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.0058	0.0058	mg/kg	Y	J	EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	PAHs	Chrysene	218-01-9	0.0062	0.0062	mg/kg	Y	J	EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00082		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	PAHs	Fluoranthene	206-44-0	0.0076	0.0076	mg/kg	Y		EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	PAHs	Fluorene	86-73-7	0.00074		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.004	0.004	mg/kg	Y	J	EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	PAHs	Naphthalene	91-20-3	0.0009		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	PAHs	Phenanthrene	85-01-8	0.0025	0.0025	mg/kg	Y	J	EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	PAHs	Pyrene	129-00-0	0.0073	0.0073	mg/kg	Y		EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	RAD	Radium-226	Ra-226	0.648	0.648	pCi/g	Y		EPA 903.1 MOD
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	RAD	Radium-228	Ra-228	0.857	0.857	pCi/g	Y	J	EPA 904.0 MOD
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	RAD	Thorium-228	Th-228	1.18	1.18	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	RAD	Thorium-230	Th-230	0.965	0.965	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	RAD	Thorium-232	Th-232	1.27	1.27	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	RAD	Uranium-234	U-234	0.933	0.933	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	RAD	Uranium-235	U-235	0.038	0.038	pCi/g	Y		DOE EML HASL-300 U MOD

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	RAD	Uranium-238	U-238	0.941	0.941	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	SVOCs	1,4-Dioxane	123-91-1	0.0053		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	SVOCs	Dimethylphthalate	131-11-3	0.00095		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.051	0.051	mg/kg	Y	J	EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00067		mg/kg	N	UJ	EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	SVOCs	Pyridine	110-86-1	0.029		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	TPH	Oil Range Organics	TPH-MOTOR	44		mg/kg	N		EPA 8015B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	44		mg/kg	N		EPA 8015B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00025		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00019		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00036		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00052		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00041		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00033		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00036		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00064		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00047		mg/kg	N	UJ	EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00079		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00055		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00061		mg/kg	N	UJ	EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00027		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00035		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00031		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00035		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00046		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00046		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00032		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00062		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	2,2-Dichloropropane	594-20-7	0.0003		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	2-Butanone	78-93-3	0.00091	0.00091	mg/kg	Y	J	EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	2-Chlorotoluene	95-49-8	0.00054		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	2-Hexanone	591-78-6	0.00063		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	4-Chlorotoluene	106-43-4	0.00048		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00058		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Acetone	67-64-1	0.0014		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Benzene	71-43-2	0.00041		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Bromobenzene	108-86-1	0.00037		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Bromochloromethane	74-97-5	0.00037		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Bromodichloromethane	75-27-4	0.00046		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Bromoform	75-25-2	0.00038		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Bromomethane	74-83-9	0.00069		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Carbon tetrachloride	56-23-5	0.0004		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Chlorobenzene	108-90-7	0.00043		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Chloroethane	75-00-3	0.00043		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Chloroform	67-66-3	0.00038		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Chloromethane	74-87-3	0.00051		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00028		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00031		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Cumene	98-82-8	0.00045		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Dibromochloromethane	124-48-1	0.0003		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Dibromomethane	74-95-3	0.0003		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00046		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Diisopropyl ether	108-20-3	0.00022		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Ethyl benzene	100-41-4	0.00078		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00022		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	m,p-Xylene	179601-23-1	0.00083		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00028		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Methylene Chloride	75-09-2	0.00034	0.00034	mg/kg	Y	J	EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	n-Butylbenzene	104-51-8	0.00068		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	n-Propylbenzene	103-65-1	0.00046		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	o-Xylene	95-47-6	0.00056		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	p-Cymene	99-87-6	0.00057		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	sec-Butylbenzene	135-98-8	0.00058		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Styrene	100-42-5	0.0004		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	t-Amyl methyl ether	994-05-8	0.000098		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	tert Butyl alcohol	75-65-0	0.0062		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	tert-Butylbenzene	98-06-6	0.00049		mg/kg	N	UJ	EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Tetrachloroethene	127-18-4	0.00044		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Toluene	108-88-3	0.00057	0.00057	mg/kg	Y	J	EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00046		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00033		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Trichloroethene	79-01-6	0.00036		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Trichlorofluoromethane	75-69-4	0.0003		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	VOCs	Vinyl chloride	75-01-4	0.00042		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.541	0.541	mg/kg	Y	J	EPA 300.1
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.582	0.582	mg/kg	Y	J-	EPA 314.0
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0001	0.0001	mg/kg	Y	J-	EPA 8290
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00011	0.00011	mg/kg	Y	J-	EPA 8290
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000028	0.000028	mg/kg	Y	J-	EPA 8290
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000009	0.000009	mg/kg	Y	J-	EPA 8290
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00001	0.00001	mg/kg	Y	J-	EPA 8290
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000014	0.000014	mg/kg	Y	J-	EPA 8290
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000033	0.00000033	mg/kg	Y	J-	EPA 8290
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000085	0.0000085	mg/kg	Y	J-	EPA 8290
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000078	0.00000078	mg/kg	Y	J-	EPA 8290
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000011	0.0000011	mg/kg	Y	J-	EPA 8290
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000092	0.00000092	mg/kg	Y	J-	EPA 8290
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000008	0.000008	mg/kg	Y	J-	EPA 8290
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000061	0.00000061	mg/kg	Y	J-	EPA 8290
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000023	0.0000023	mg/kg	Y	J-	EPA 8290
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000074	0.0000074	mg/kg	Y	J-	EPA 8290
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000062	0.0000062	mg/kg	Y	J-	EPA 8290
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000033	0.00000033	mg/kg	Y	JK	EPA 8290
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	345	345	mg/kg	Y		SM 2320B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	General Chemistry	Carbonate as CO3	3812-32-6	14	14	mg/kg	Y	J	SM 2320B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	General Chemistry	Chloride	16887-00-6	5	5	mg/kg	Y	J	EPA 9056
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	General Chemistry	Cyanide (total)	57-12-5	0.5		mg/kg	N		EPA 9012A
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	General Chemistry	Hydrogen carbonate	71-52-3	331	331	mg/kg	Y		SM 2320B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	General Chemistry	Methylene Blue Active Substances	MBAS	0.9	0.9	mg/kg	Y	J	SM 5540C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	General Chemistry	Nitrate	14797-55-8	8.458571429	8.458571429	mg/kg	Y	J+	EPA 9056
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	General Chemistry	pH	PH	9.45	9.45	SU	Y		EPA 9045D
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	General Chemistry	Sulfate	14808-79-8	108	108	mg/kg	Y	J	EPA 9056
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	General Chemistry	Total Organic Carbon	TOC	730	730	mg/kg	Y		LLOYD KAHN
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Aluminum	7429-90-5	9010	9010	mg/kg	Y		EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Antimony	7440-36-0	2.2	2.2	mg/kg	Y	J-	EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Arsenic	7440-38-2	2.35	2.35	mg/kg	Y		EPA 6020
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Barium	7440-39-3	188	188	mg/kg	Y	J	EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Beryllium	7440-41-7	0.412	0.412	mg/kg	Y	J	EPA 6020
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Boron	7440-42-8	8.4	8.4	mg/kg	Y	J	EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Cadmium	7440-43-9	0.17	0.17	mg/kg	Y		EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Calcium	7440-70-2	28600	28600	mg/kg	Y	J	EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Chromium (total)	7440-47-3	7.4	7.4	mg/kg	Y	J	EPA 6020
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N	UJ	EPA 7199
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Cobalt	7440-48-4	7	7	mg/kg	Y		EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Copper	7440-50-8	19.6	19.6	mg/kg	Y		EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Iron	7439-89-6	15700	15700	mg/kg	Y	J	EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Lead	7439-92-1	12.3	12.3	mg/kg	Y		EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Magnesium	7439-95-4	9530	9530	mg/kg	Y		EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Manganese	7439-96-5	387	387	mg/kg	Y	J	EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Mercury	7439-97-6	0.041	0.041	mg/kg	Y		EPA 7471A
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Molybdenum	7439-98-7	0.82	0.82	mg/kg	Y		EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Nickel	7440-02-0	16.2	16.2	mg/kg	Y	J	EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Phosphorus (total)	7723-14-0	708	708	mg/kg	Y		EPA 365.1M
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Platinum	7440-06-4	0.009	0.009	mg/kg	Y	J	EPA 6020
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Potassium	7440-09-7	2340	2340	mg/kg	Y		EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Selenium	7782-49-2	0.8		mg/kg	N	UJ	EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Sodium	7440-23-5	481	481	mg/kg	Y	J	EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Strontium	7440-24-6	195	195	mg/kg	Y	J	EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Thallium	7440-28-0	0.089	0.089	mg/kg	Y		EPA 6020
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Tin	7440-31-5	4.7	4.7	mg/kg	Y	J	EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Titanium	7440-32-6	744	744	mg/kg	Y	J	EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Tungsten	7440-33-7	0.18	0.18	mg/kg	Y	J-	EPA 6020
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Uranium (total)	7440-61-1	0.766	0.766	mg/kg	Y		EPA 6020
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Vanadium	7440-62-2	44.7	44.7	mg/kg	Y		EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	Metals	Zinc	7440-66-6	41.3	41.3	mg/kg	Y		EPA 6010B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	4,4'-DDD	72-54-8	0.0019		mg/kg	N		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	4,4'-DDE	72-55-9	0.0045	0.0045	mg/kg	Y		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	4,4'-DDT	50-29-3	0.0033	0.0033	mg/kg	Y	J	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	Aldrin	309-00-2	0.00092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	alpha-BHC	319-84-6	0.00092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	alpha-Chlordane	5103-71-9	0.00092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	beta-BHC	319-85-7	0.00092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	Chlordane (total)	57-74-9	0.0046		mg/kg	N		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	delta-BHC	319-86-8	0.00092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	Dieldrin	60-57-1	0.0019		mg/kg	N		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	Endosulfan I	959-98-8	0.00092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	Endosulfan II	33213-65-9	0.0019		mg/kg	N		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0019		mg/kg	N		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	Endrin	72-20-8	0.0019		mg/kg	N		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	Endrin aldehyde	7421-93-4	0.0019		mg/kg	N		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	Endrin ketone	53494-70-5	0.0019		mg/kg	N		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	gamma-BHC	58-89-9	0.00092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	gamma-Chlordane	5103-74-2	0.00092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	Heptachlor	76-44-8	0.00092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	Hexachlorobenzene	118-74-1	0.0058	0.0058	mg/kg	Y	J	EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	Methoxychlor	72-43-5	0.0092		mg/kg	N		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	Toxaphene	8001-35-2	0.019		mg/kg	N		EPA 8081
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	PAHs	2-Methylnaphthalene	91-57-6	0.0006		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	PAHs	Acenaphthylene	208-96-8	0.00079		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0015	0.0015	mg/kg	Y	J	EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00072		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0025	0.0025	mg/kg	Y	J	EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00088		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	PAHs	Chrysene	218-01-9	0.0033	0.0033	mg/kg	Y	J	EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00082		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	PAHs	Fluoranthene	206-44-0	0.0055	0.0055	mg/kg	Y	J	EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	PAHs	Fluorene	86-73-7	0.00074		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00095		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	PAHs	Naphthalene	91-20-3	0.0009		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	PAHs	Pyrene	129-00-0	0.0044	0.0044	mg/kg	Y	J	EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	RAD	Radium-226	Ra-226	0.481	0.481	pCi/g	Y	J	EPA 903.1 MOD
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	RAD	Radium-228	Ra-228	0.319		pCi/g	N	UJ	EPA 904.0 MOD
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	RAD	Thorium-228	Th-228	1.48	1.48	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	RAD	Thorium-230	Th-230	0.927	0.927	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	RAD	Thorium-232	Th-232	1.07	1.07	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	RAD	Uranium-234	U-234	1.01	1.01	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	RAD	Uranium-235	U-235	0.038	0.038	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	RAD	Uranium-238	U-238	0.816	0.816	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	SVOCs	1,4-Dioxane	123-91-1	0.0053		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	SVOCs	Dimethylphthalate	131-11-3	0.00095		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.046	0.046	mg/kg	Y	J	EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00084		mg/kg	N	UJ	EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0038		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	SVOCs	Pyridine	110-86-1	0.029		mg/kg	N		EPA 8270C
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	TPH	Oil Range Organics	TPH-MOTOR	44		mg/kg	N		EPA 8015B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	44		mg/kg	N		EPA 8015B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00032		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00024		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00045		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00065		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00052		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00042		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00045		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00081		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.0006		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.001		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0007		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00077		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00034		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00044		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00039		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00044		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00058		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00058		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00041		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00078		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00037		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	2-Butanone	78-93-3	0.0016	0.0016	mg/kg	Y	J	EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	2-Chlorotoluene	95-49-8	0.00068		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	2-Hexanone	591-78-6	0.0008		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	4-Chlorotoluene	106-43-4	0.00061		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00073		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Acetone	67-64-1	0.0083	0.0083	mg/kg	Y	J	EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Benzene	71-43-2	0.00052		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Bromobenzene	108-86-1	0.00046		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Bromochloromethane	74-97-5	0.00046		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Bromodichloromethane	75-27-4	0.00057		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Bromoform	75-25-2	0.00047		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Bromomethane	74-83-9	0.00087		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Carbon tetrachloride	56-23-5	0.00051		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Chlorobenzene	108-90-7	0.00054		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Chloroethane	75-00-3	0.00054		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Chloroform	67-66-3	0.00048		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Chloromethane	74-87-3	0.00064		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00035		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00038		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Cumene	98-82-8	0.00056		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Dibromochloromethane	124-48-1	0.00037		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Dibromomethane	74-95-3	0.00037		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00058		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Diisopropyl ether	108-20-3	0.00027		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Ethyl benzene	100-41-4	0.00098		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00027		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	m,p-Xylene	179601-23-1	0.0011		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00035		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Methylene Chloride	75-09-2	0.00043		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	n-Butylbenzene	104-51-8	0.00085		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	n-Propylbenzene	103-65-1	0.00057		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	o-Xylene	95-47-6	0.00071		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	p-Cymene	99-87-6	0.00072		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	sec-Butylbenzene	135-98-8	0.00073		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Styrene	100-42-5	0.00051		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00013		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	tert Butyl alcohol	75-65-0	0.0078		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	tert-Butylbenzene	98-06-6	0.00062		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Tetrachloroethene	127-18-4	0.00055		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Toluene	108-88-3	0.00066	0.00066	mg/kg	Y	J	EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00058		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00042		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Trichloroethene	79-01-6	0.00045		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00037		mg/kg	N		EPA 8260B
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	VOCs	Vinyl chloride	75-01-4	0.00053		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Chlorine Oxyanions	Chlorate	14866-68-3	9.9	9.9	mg/kg	Y		EPA 300.1M
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	3.72	3.72	mg/kg	Y		EPA 314.0M
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000051		mg/kg	N	UJ	EPA 8290
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000039	0.0000039	mg/kg	Y	J	EPA 8290
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000025		mg/kg	N	UJ	EPA 8290
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000025		mg/kg	N	UJ	EPA 8290
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000025		mg/kg	N	UJ	EPA 8290
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000025		mg/kg	N	UJ	EPA 8290
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000025		mg/kg	N		EPA 8290
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000025		mg/kg	N	UJ	EPA 8290
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000025		mg/kg	N		EPA 8290
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000025		mg/kg	N	UJ	EPA 8290
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000025		mg/kg	N		EPA 8290
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000025		mg/kg	N		EPA 8290
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000025		mg/kg	N		EPA 8290
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000025		mg/kg	N	UJ	EPA 8290
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000025		mg/kg	N		EPA 8290
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000051		mg/kg	N		EPA 8290
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000051		mg/kg	N		EPA 8290
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	167	167	mg/kg	Y	J+	SM 2320B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Carbonate as CO3	3812-32-6	6	6	mg/kg	Y	J	SM 2320B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Chloride	16887-00-6	318	318	mg/kg	Y	J+	EPA 9056

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Hydrogen carbonate	71-52-3	161	161	mg/kg	Y	J+	SM 2320B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N		SM 5540C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Moisture	MOIST	4.4	4.4	percent	Y		ASTM 2216
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Nitrate	14797-55-8	24.18	24.18	mg/kg	Y	J+	EPA 9056
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	pH	PH	8.35	8.35	SU	Y		EPA 9045D
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Sulfate	14808-79-8	789	789	mg/kg	Y		EPA 9056
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	General Chemistry	Total Organic Carbon	TOC	560	560	mg/kg	Y		LLOYD KAHN
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Aluminum	7429-90-5	7530	7530	mg/kg	Y		EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Antimony	7440-36-0	1	1	mg/kg	Y	J-	EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Arsenic	7440-38-2	2.31	2.31	mg/kg	Y		EPA 6020
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Barium	7440-39-3	176	176	mg/kg	Y		EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Beryllium	7440-41-7	0.448	0.448	mg/kg	Y		EPA 6020
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Boron	7440-42-8	9.8	9.8	mg/kg	Y	J	EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Cadmium	7440-43-9	0.19	0.19	mg/kg	Y		EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Calcium	7440-70-2	30600	30600	mg/kg	Y		EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Chromium (total)	7440-47-3	6.59	6.59	mg/kg	Y		EPA 6020
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Cobalt	7440-48-4	6.3	6.3	mg/kg	Y		EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Copper	7440-50-8	15.8	15.8	mg/kg	Y		EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Iron	7439-89-6	12700	12700	mg/kg	Y		EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Lead	7439-92-1	8.1	8.1	mg/kg	Y		EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Magnesium	7439-95-4	9030	9030	mg/kg	Y		EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Manganese	7439-96-5	326	326	mg/kg	Y	J-	EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Mercury	7439-97-6	0.006	0.006	mg/kg	Y	J	EPA 7471A
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Molybdenum	7439-98-7	0.66	0.66	mg/kg	Y		EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Nickel	7440-02-0	13.5	13.5	mg/kg	Y	J	EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Phosphorus (total)	7723-14-0	736	736	mg/kg	Y		EPA 365.1M
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Platinum	7440-06-4	0.028	0.028	mg/kg	Y	J	EPA 6020
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Potassium	7440-09-7	2090	2090	mg/kg	Y		EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Sodium	7440-23-5	987	987	mg/kg	Y		EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Strontium	7440-24-6	307	307	mg/kg	Y		EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Thallium	7440-28-0	0.106	0.106	mg/kg	Y		EPA 6020
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Tin	7440-31-5	4	4	mg/kg	Y	J	EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Titanium	7440-32-6	606	606	mg/kg	Y		EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Tungsten	7440-33-7	0.22	0.22	mg/kg	Y		EPA 6020
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Uranium (total)	7440-61-1	1.03	1.03	mg/kg	Y		EPA 6020
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Vanadium	7440-62-2	37.4	37.4	mg/kg	Y		EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	Metals	Zinc	7440-66-6	29.5	29.5	mg/kg	Y		EPA 6010B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	4,4'-DDE	72-55-9	0.0018		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Aldrin	309-00-2	0.00089		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	alpha-BHC	319-84-6	0.00089		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	alpha-Chlordane	5103-71-9	0.00089		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	beta-BHC	319-85-7	0.0019	0.0019	mg/kg	Y		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Chlordane (total)	57-74-9	0.0045		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	delta-BHC	319-86-8	0.00089		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Endosulfan I	959-98-8	0.00089		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Endrin	72-20-8	0.0018		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	gamma-BHC	58-89-9	0.00089		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	gamma-Chlordane	5103-74-2	0.00089		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Heptachlor	76-44-8	0.00089		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00089		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Hexachlorobenzene	118-74-1	0.0037	0.0037	mg/kg	Y		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Methoxychlor	72-43-5	0.0089		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Toxaphene	8001-35-2	0.018		mg/kg	N		EPA 8081
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00059		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Acenaphthylene	208-96-8	0.00077		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0006		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0007		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00086		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0008		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Fluorene	86-73-7	0.00072		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00092		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Naphthalene	91-20-3	0.00087		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	RAD	Radium-226	Ra-226	0.921	0.921	pCi/g	Y		EPA 903.1 MOD
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	RAD	Radium-228	Ra-228	1.42	1.42	pCi/g	Y		EPA 904.0 MOD
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	RAD	Thorium-228	Th-228	1.33	1.33	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	RAD	Thorium-230	Th-230	1.14	1.14	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	RAD	Thorium-232	Th-232	1.37	1.37	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	RAD	Uranium-234	U-234	0.951	0.951	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	RAD	Uranium-235	U-235	0.0446	0.0446	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	RAD	Uranium-238	U-238	1.05	1.05	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	1,4-Dioxane	123-91-1	0.0051		mg/kg	N	UJ	EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	Dimethylphthalate	131-11-3	0.00092		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.11	0.11	mg/kg	Y	J	EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00082		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0036		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	TPH	Oil Range Organics	TPH-MOTOR	42		mg/kg	N		EPA 8015B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	42		mg/kg	N		EPA 8015B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00031		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00023		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00044		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00064		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00051		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00041		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00044		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00079		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00058		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00098		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00068		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00076		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00033		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00043		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00039		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00043		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00057		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00057		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,3-Dichloropropane	142-28-9	0.0004		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00077		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00037		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	2-Butanone	78-93-3	0.00083		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	2-Chlorotoluene	95-49-8	0.00067		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	2-Hexanone	591-78-6	0.00078		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	4-Chlorotoluene	106-43-4	0.00059		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00071		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Acetone	67-64-1	0.0023	0.0023	mg/kg	Y	J	EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Benzene	71-43-2	0.00051		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Bromobenzene	108-86-1	0.00045		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Bromochloromethane	74-97-5	0.00045		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Bromodichloromethane	75-27-4	0.00056		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Bromoform	75-25-2	0.00046		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Bromomethane	74-83-9	0.00086		mg/kg	N	UJ	EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Carbon tetrachloride	56-23-5	0.0005		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Chlorobenzene	108-90-7	0.00053		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Chloroethane	75-00-3	0.00053		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Chloroform	67-66-3	0.00047		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Chloromethane	74-87-3	0.00063		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00034		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00038		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Cumene	98-82-8	0.00055		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Dibromochloromethane	124-48-1	0.00037		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Dibromomethane	74-95-3	0.00037		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00057		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Diisopropyl ether	108-20-3	0.00027		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Ethyl benzene	100-41-4	0.00097		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00027		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	m,p-Xylene	179601-23-1	0.0011		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00034		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Methylene Chloride	75-09-2	0.00042		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	n-Butylbenzene	104-51-8	0.00083		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	n-Propylbenzene	103-65-1	0.00056		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	o-Xylene	95-47-6	0.00069		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	p-Cymene	99-87-6	0.0007		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	sec-Butylbenzene	135-98-8	0.00071		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Styrene	100-42-5	0.0005		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00013		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	tert Butyl alcohol	75-65-0	0.0077		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	tert-Butylbenzene	98-06-6	0.00061		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Tetrachloroethene	127-18-4	0.00054		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Toluene	108-88-3	0.00035		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00057		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00041		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Trichloroethene	79-01-6	0.00044		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00037		mg/kg	N		EPA 8260B
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	VOCs	Vinyl chloride	75-01-4	0.00052		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.232	0.232	mg/kg	Y		EPA 300.1
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	5.45	5.45	mg/kg	Y		EPA 314.0
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00000881	0.00000881	mg/kg	Y		EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000667	0.00000667	mg/kg	Y		EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00000326	0.00000326	mg/kg	Y		EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000313	0.00000313	mg/kg	Y		EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000103	0.00000103	mg/kg	Y	J	EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000251	0.00000251	mg/kg	Y		EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	7.82E-08		mg/kg	N		EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000137	0.00000137	mg/kg	Y	J	EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000000757	0.000000757	mg/kg	Y	JK	EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000000237	0.000000237	mg/kg	Y	J	EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000475	0.000000475	mg/kg	Y	J	EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000171	0.00000171	mg/kg	Y	J	EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	5.57E-08		mg/kg	N		EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000000706	0.000000706	mg/kg	Y	J	EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000000713	0.000000713	mg/kg	Y	J	EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000143	0.00000143	mg/kg	Y		EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	3.48E-08		mg/kg	N		EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	HpCDD (total)	37871-00-4	0.0000057	0.0000057	mg/kg	Y		EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	HpCDF (total)	38998-75-3	0.00000641	0.00000641	mg/kg	Y		EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	HxCDD (total)	34465-46-8	0.0000052	0.0000052	mg/kg	Y		EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	HxCDF (total)	55684-94-1	0.0000109	0.0000109	mg/kg	Y		EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	PeCDD (total)	36088-22-9	0.000000316	0.000000316	mg/kg	Y	J	EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	PeCDF (total)	30402-15-4	0.0000132	0.0000132	mg/kg	Y		EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	TCDD (total)	41903-57-5	0.000000351	0.000000351	mg/kg	Y	J	EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Dioxins	TCDF (total)	30402-14-3	0.0000125	0.0000125	mg/kg	Y		EPA 8290
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	130	130	mg/kg	Y	J+	SM 2320B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Ammonia	7664-41-7	1.349669087	1.349669087	mg/kg	Y	J+	EPA 350.1
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Bromide	24959-67-9	0.7		mg/kg	N		EPA 9056
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Chloride	16887-00-6	296	296	mg/kg	Y	J+	EPA 9056
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Hydrogen carbonate	71-52-3	130	130	mg/kg	Y	J+	SM 2320B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Methylene Blue Active Substances	MBAS	1.2	1.2	mg/kg	Y	J	SM 5540C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Nitrate	14797-55-8	38.17428571	38.17428571	mg/kg	Y	J+	EPA 9056
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Nitrite	14797-65-0	0.08	0.08	mg/kg	Y	J	EPA 353.2
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	pH	PH	8.1	8.1	SU	Y		EPA 9045D
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Sulfate	14808-79-8	16900	16900	mg/kg	Y		EPA 9056
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Total Organic Carbon	TOC	680	680	mg/kg	Y		LLOYD KAHN
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Aluminum	7429-90-5	7920	7920	mg/kg	Y		EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Arsenic	7440-38-2	2.4	2.4	mg/kg	Y		EPA 6020
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Barium	7440-39-3	153	153	mg/kg	Y		EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Beryllium	7440-41-7	0.378	0.378	mg/kg	Y	J	EPA 6020
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Boron	7440-42-8	44.9	44.9	mg/kg	Y		EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Cadmium	7440-43-9	0.2	0.2	mg/kg	Y		EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Calcium	7440-70-2	23800	23800	mg/kg	Y		EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Chromium (total)	7440-47-3	11.9	11.9	mg/kg	Y	J	EPA 6020
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Cobalt	7440-48-4	11.6	11.6	mg/kg	Y		EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Copper	7440-50-8	16.8	16.8	mg/kg	Y		EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Iron	7439-89-6	23800	23800	mg/kg	Y		EPA 6010B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Lead	7439-92-1	9.9	9.9	mg/kg	Y		EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Magnesium	7439-95-4	7800	7800	mg/kg	Y		EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Manganese	7439-96-5	364	364	mg/kg	Y		EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Mercury	7439-97-6	0.018	0.018	mg/kg	Y	J	EPA 7471A
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Molybdenum	7439-98-7	0.76	0.76	mg/kg	Y		EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Nickel	7440-02-0	19.6	19.6	mg/kg	Y		EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Phosphorus (total)	7723-14-0	796	796	mg/kg	Y		EPA 365.1M
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Platinum	7440-06-4	0.041	0.041	mg/kg	Y	J	EPA 6020
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Potassium	7440-09-7	1900	1900	mg/kg	Y		EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Selenium	7782-49-2	0.8	0.8	mg/kg	Y	J	EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Sodium	7440-23-5	2120	2120	mg/kg	Y		EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Strontium	7440-24-6	173	173	mg/kg	Y		EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Thallium	7440-28-0	0.106	0.106	mg/kg	Y		EPA 6020
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Tin	7440-31-5	4.1	4.1	mg/kg	Y	J	EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Titanium	7440-32-6	546	546	mg/kg	Y		EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Tungsten	7440-33-7	0.12	0.12	mg/kg	Y	J-	EPA 6020
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Uranium (total)	7440-61-1	0.712	0.712	mg/kg	Y	J	EPA 6020
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Vanadium	7440-62-2	31.2	31.2	mg/kg	Y		EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	Metals	Zinc	7440-66-6	33.9	33.9	mg/kg	Y		EPA 6010B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	OCPs	Hexachlorobenzene	118-74-1	0.00087		mg/kg	N		EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00059		mg/kg	N		EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	PAHs	Acenaphthylene	208-96-8	0.00077		mg/kg	N		EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00071	0.00071	mg/kg	Y	J	EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0007		mg/kg	N		EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0039	0.0039	mg/kg	Y	J	EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0021	0.0021	mg/kg	Y	J	EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.0032	0.0032	mg/kg	Y	J	EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	PAHs	Chrysene	218-01-9	0.0039	0.0039	mg/kg	Y	J	EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0008		mg/kg	N		EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	PAHs	Fluoranthene	206-44-0	0.0018	0.0018	mg/kg	Y	J	EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	PAHs	Fluorene	86-73-7	0.00072		mg/kg	N		EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0021	0.0021	mg/kg	Y	J	EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	PAHs	Naphthalene	91-20-3	0.00088		mg/kg	N		EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	PAHs	Pyrene	129-00-0	0.0021	0.0021	mg/kg	Y	J	EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	RAD	Radium-226	Ra-226	0.667	0.667	pCi/g	Y		EPA 903.1 MOD
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	RAD	Radium-228	Ra-228	0.874	0.874	pCi/g	Y		EPA 904.0 MOD
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	RAD	Thorium-228	Th-228	2.25	2.25	pCi/g	Y		DOE EML HASL-300
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	RAD	Thorium-230	Th-230	1.22	1.22	pCi/g	Y		DOE EML HASL-300
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	RAD	Thorium-232	Th-232	1.8	1.8	pCi/g	Y		DOE EML HASL-300
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	RAD	Uranium-234	U-234	0.914	0.914	pCi/g	Y		DOE EML HASL-300
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	RAD	Uranium-235	U-235	0.081	0.081	pCi/g	Y		DOE EML HASL-300
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	RAD	Uranium-238	U-238	0.761	0.761	pCi/g	Y		DOE EML HASL-300
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	SVOCs	1,4-Dioxane	123-91-1	0.0052		mg/kg	N		EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	SVOCs	Dimethylphthalate	131-11-3	0.00093		mg/kg	N		EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.039	0.039	mg/kg	Y	J	EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00071		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00027		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.0002		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00038		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00055		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00044		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00035		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00038		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00068		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.0005		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00084		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00059		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00065		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00029		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00037		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00033		mg/kg	N		EPA 8260B

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Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00037		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00049		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00049		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00034		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00066		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00031		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	2-Butanone	78-93-3	0.0009	0.0009	mg/kg	Y	J	EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	2-Chlorotoluene	95-49-8	0.00058		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	2-Hexanone	591-78-6	0.00067		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	4-Chlorotoluene	106-43-4	0.00051		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00061		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Acetone	67-64-1	0.013	0.013	mg/kg	Y	J	EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Benzene	71-43-2	0.00044		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Bromobenzene	108-86-1	0.00039		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Bromochloromethane	74-97-5	0.00039		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Bromodichloromethane	75-27-4	0.00048		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Bromoform	75-25-2	0.0004		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Bromomethane	74-83-9	0.00074		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Carbon tetrachloride	56-23-5	0.00043		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Chlorobenzene	108-90-7	0.00045		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Chloroethane	75-00-3	0.00045		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Chloroform	67-66-3	0.00041		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Chloromethane	74-87-3	0.00054		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0003		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00032		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Cumene	98-82-8	0.00047		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Dibromochloromethane	124-48-1	0.00031		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Dibromomethane	74-95-3	0.00031		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00049		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Diisopropyl ether	108-20-3	0.00023		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Ethyl benzene	100-41-4	0.00083		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00023		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	m,p-Xylene	179601-23-1	0.00088		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.0003		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Methylene Chloride	75-09-2	0.00036		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	n-Butylbenzene	104-51-8	0.00072		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	n-Propylbenzene	103-65-1	0.00048		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	o-Xylene	95-47-6	0.0006		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	p-Cymene	99-87-6	0.0006		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	sec-Butylbenzene	135-98-8	0.00061		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Styrene	100-42-5	0.00043		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	tert Butyl alcohol	75-65-0	0.0066		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	tert-Butylbenzene	98-06-6	0.00052		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Tetrachloroethene	127-18-4	0.00046		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Toluene	108-88-3	0.00032	0.00032	mg/kg	Y	J	EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00049		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00035		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Trichloroethene	79-01-6	0.00038		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00031		mg/kg	N		EPA 8260B
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	VOCs	Vinyl chloride	75-01-4	0.00045		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.056		mg/kg	N		EPA 300.1
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.045		mg/kg	N		EPA 314.0
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00000146	0.00000146	mg/kg	Y	J	EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000572	0.00000572	mg/kg	Y		EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00000052	0.00000052	mg/kg	Y	J	EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000000873	0.000000873	mg/kg	Y	J	EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000000131		mg/kg	N		EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000000341	0.000000341	mg/kg	Y	J	EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000008		mg/kg	N		EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000000202	0.000000202	mg/kg	Y	J	EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000000146	0.000000146	mg/kg	Y	J	EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	7.94E-08		mg/kg	N		EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000134	0.000000134	mg/kg	Y	JK	EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000000193	0.000000193	mg/kg	Y	J	EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	3.78E-08		mg/kg	N		EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	6.96E-08		mg/kg	N		EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000000132	0.000000132	mg/kg	Y	J	EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000000125		mg/kg	N		EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	6.07E-08		mg/kg	N		EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	HpCDD (total)	37871-00-4	0.000000873	0.000000873	mg/kg	Y	J	EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	HpCDF (total)	38998-75-3	0.00000083	0.00000083	mg/kg	Y	J	EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	HxCDD (total)	34465-46-8	0.000000748	0.000000748	mg/kg	Y	J	EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	HxCDF (total)	55684-94-1	0.00000113	0.00000113	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	PeCDD (total)	36088-22-9	3.78E-08		mg/kg	N		EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	PeCDF (total)	30402-15-4	0.00000118	0.00000118	mg/kg	Y	J	EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	TCDD (total)	41903-57-5	6.07E-08		mg/kg	N		EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Dioxins	TCDF (total)	30402-14-3	0.000000818	0.000000818	mg/kg	Y	J	EPA 8290
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	358	358	mg/kg	Y		SM 2320B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Carbonate as CO3	3812-32-6	7	7	mg/kg	Y	J	SM 2320B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Chloride	16887-00-6	1.7	1.7	mg/kg	Y	J	EPA 9056
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Hydrogen carbonate	71-52-3	351	351	mg/kg	Y		SM 2320B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Methylene Blue Active Substances	MBAS	0.8	0.8	mg/kg	Y	J	SM 5540C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Nitrate	14797-55-8	6.554285714	6.554285714	mg/kg	Y	J+	EPA 9056
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	pH	PH	9.1	9.1	SU	Y		EPA 9045D
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Sulfate	14808-79-8	13.8	13.8	mg/kg	Y		EPA 9056
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	General Chemistry	Total Organic Carbon	TOC	720	720	mg/kg	Y		LLOYD KAHN
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Aluminum	7429-90-5	9520	9520	mg/kg	Y		EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Arsenic	7440-38-2	2.14	2.14	mg/kg	Y		EPA 6020
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Barium	7440-39-3	156	156	mg/kg	Y		EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Beryllium	7440-41-7	0.467	0.467	mg/kg	Y	J	EPA 6020
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Boron	7440-42-8	6.1	6.1	mg/kg	Y	J	EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Cadmium	7440-43-9	0.05	0.05	mg/kg	Y	J	EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Calcium	7440-70-2	33500	33500	mg/kg	Y		EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Chromium (total)	7440-47-3	8.12	8.12	mg/kg	Y	J	EPA 6020
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Cobalt	7440-48-4	8.5	8.5	mg/kg	Y		EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Copper	7440-50-8	20.9	20.9	mg/kg	Y		EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Iron	7439-89-6	14400	14400	mg/kg	Y		EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Lead	7439-92-1	9.4	9.4	mg/kg	Y		EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Magnesium	7439-95-4	8750	8750	mg/kg	Y		EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Manganese	7439-96-5	382	382	mg/kg	Y		EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Mercury	7439-97-6	0.013	0.013	mg/kg	Y	J	EPA 7471A
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Molybdenum	7439-98-7	0.47	0.47	mg/kg	Y		EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Nickel	7440-02-0	17.1	17.1	mg/kg	Y		EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Phosphorus (total)	7723-14-0	823	823	mg/kg	Y		EPA 365.1M
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Platinum	7440-06-4	0.018	0.018	mg/kg	Y	J	EPA 6020
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Potassium	7440-09-7	2370	2370	mg/kg	Y		EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Sodium	7440-23-5	313	313	mg/kg	Y		EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Strontium	7440-24-6	166	166	mg/kg	Y		EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Thallium	7440-28-0	0.109	0.109	mg/kg	Y		EPA 6020
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Tin	7440-31-5	4.2	4.2	mg/kg	Y	J	EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Titanium	7440-32-6	657	657	mg/kg	Y		EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Tungsten	7440-33-7	0.14	0.14	mg/kg	Y	J-	EPA 6020
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Uranium (total)	7440-61-1	0.751	0.751	mg/kg	Y	J	EPA 6020
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Vanadium	7440-62-2	35.3	35.3	mg/kg	Y		EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	Metals	Zinc	7440-66-6	33.6	33.6	mg/kg	Y		EPA 6010B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	OCPs	Hexachlorobenzene	118-74-1	0.00091		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00061		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	PAHs	Acenaphthylene	208-96-8	0.0008		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00062		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00073		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0013		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.0009		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00083		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	PAHs	Fluoranthene	206-44-0	0.0016		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	PAHs	Fluorene	86-73-7	0.00075		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00096		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	PAHs	Naphthalene	91-20-3	0.00091		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	PAHs	Phenanthrene	85-01-8	0.002		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	RAD	Radium-226	Ra-226	0.535	0.535	pCi/g	Y		EPA 903.1 MOD
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	RAD	Radium-228	Ra-228	1.52	1.52	pCi/g	Y		EPA 904.0 MOD
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	RAD	Thorium-228	Th-228	1.91	1.91	pCi/g	Y		DOE EML HASL-300
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	RAD	Thorium-230	Th-230	1.54	1.54	pCi/g	Y		DOE EML HASL-300
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	RAD	Thorium-232	Th-232	1.68	1.68	pCi/g	Y		DOE EML HASL-300
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	RAD	Uranium-234	U-234	0.802	0.802	pCi/g	Y		DOE EML HASL-300

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	RAD	Uranium-235	U-235	0.0218		pCi/g	N		DOE EML HASL-300
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	RAD	Uranium-238	U-238	0.88	0.88	pCi/g	Y		DOE EML HASL-300
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	SVOCs	1,4-Dioxane	123-91-1	0.0054		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0026		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	SVOCs	Dimethylphthalate	131-11-3	0.00096		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.044	0.044	mg/kg	Y	J	EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00069		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0038		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	SVOCs	Pyridine	110-86-1	0.029		mg/kg	N		EPA 8270C
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	TPH	Oil Range Organics	TPH-MOTOR	44		mg/kg	N		EPA 8015B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	44		mg/kg	N		EPA 8015B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00026		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.0002		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00037		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00054		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00043		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00035		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00037		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00067		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00049		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00082		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00057		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00064		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00028		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00036		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00033		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00036		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00048		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00048		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00034		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00065		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00031		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	2-Butanone	78-93-3	0.0007		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	2-Chlorotoluene	95-49-8	0.00057		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	2-Hexanone	591-78-6	0.00066		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	4-Chlorotoluene	106-43-4	0.0005		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.0006		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Acetone	67-64-1	0.0059	0.0059	mg/kg	Y	J	EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Benzene	71-43-2	0.00043		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Bromobenzene	108-86-1	0.00038		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Bromochloromethane	74-97-5	0.00038		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Bromodichloromethane	75-27-4	0.00047		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Bromoform	75-25-2	0.00039		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Bromomethane	74-83-9	0.00072		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Carbon tetrachloride	56-23-5	0.00042		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Chlorobenzene	108-90-7	0.00045		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Chloroethane	75-00-3	0.00045		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Chloroform	67-66-3	0.0004		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Chloromethane	74-87-3	0.00053		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00029		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00032		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Cumene	98-82-8	0.00046		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Dibromochloromethane	124-48-1	0.00031		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Dibromomethane	74-95-3	0.00031		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00048		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Diisopropyl ether	108-20-3	0.00023		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Ethyl benzene	100-41-4	0.00081		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00023		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	m,p-Xylene	179601-23-1	0.00086		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00029		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Methylene Chloride	75-09-2	0.00035		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	n-Butylbenzene	104-51-8	0.0007		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	n-Propylbenzene	103-65-1	0.00047		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	o-Xylene	95-47-6	0.00058		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	p-Cymene	99-87-6	0.00059		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	sec-Butylbenzene	135-98-8	0.0006		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Styrene	100-42-5	0.00042		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	tert Butyl alcohol	75-65-0	0.0065		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	tert-Butylbenzene	98-06-6	0.00051		mg/kg	N		EPA 8260B

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Tetrachloroethene	127-18-4	0.00046		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Toluene	108-88-3	0.0003	0.0003	mg/kg	Y	J	EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00048		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00035		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Trichloroethene	79-01-6	0.00037		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00031		mg/kg	N		EPA 8260B
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	VOCs	Vinyl chloride	75-01-4	0.00044		mg/kg	N		EPA 8260B
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	0.032	0.032	mg/kg	Y		EPA 314.0
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	Metals	Arsenic	7440-38-2	3.7	3.7	mg/kg	Y		EPA 6020
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	OCPs	Hexachlorobenzene	118-74-1	0.029		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	PAHs	Acenaphthene	83-32-9	0.01		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	PAHs	Benzo(a)anthracene	56-55-3	0.02		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	PAHs	Benzo(a)pyrene	50-32-8	0.02		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.027		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.016		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.041		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	PAHs	Chrysene	218-01-9	0.027		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	PAHs	Fluoranthene	206-44-0	0.037		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.022		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	PAHs	Naphthalene	91-20-3	0.031		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	SVOCs	1,4-Dioxane	123-91-1	0.067		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.047		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.044		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	SVOCs	Diethylphthalate	84-66-2	0.026		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	SVOCs	Dimethylphthalate	131-11-3	0.023		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.029		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	SVOCs	Nitrobenzene	98-95-3	0.022		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	SVOCs	Octachlorostyrene	29082-74-4	0.058		mg/kg	N		EPA 8270C
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Chlorine Oxyanions	Chlorate	14866-68-3	1.1		mg/kg	N	UJ	EPA 9056
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Chlorine Oxyanions	Perchlorate	14797-73-0	0.0357	0.0357	mg/kg	Y	J	EPA 314.0
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	General Chemistry	Alkalinity	ALK	645	645	mg/kg	Y		EPA 310.1
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	General Chemistry	Alkalinity (as CaCO3)	ALKA	140	140	mg/kg	Y		EPA 310.1
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	General Chemistry	Ammonia	7664-41-7	0.705232496		mg/kg	N	U	EPA 350.1
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	General Chemistry	Bromide	24959-67-9	0.53		mg/kg	N	U	EPA 9056
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	General Chemistry	Chloride	16887-00-6	0.74		mg/kg	N	U	EPA 9056
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	General Chemistry	Cyanide (total)	57-12-5	0.13		mg/kg	N	U	EPA 9012A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	General Chemistry	Hydrogen carbonate	71-52-3	505	505	mg/kg	Y		EPA 310.1
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	General Chemistry	Methylene Blue Active Substances	MBAS	2.4		mg/kg	N	U	SM 5540C
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	General Chemistry	Moisture	MOIST	6	6	percent	Y		EPA 160.3
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	General Chemistry	Nitrate	14797-55-8	0.797142857	0.797142857	mg/kg	Y	J	EPA 9056
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	General Chemistry	Nitrite	14797-65-0	0.043		mg/kg	N	U	EPA 9056
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	General Chemistry	ortho-Phosphate	11-36-9	1.1		mg/kg	N	U	EPA 9056
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	General Chemistry	pH	PH	10	10	SU	Y		EPA 9045
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	General Chemistry	Sulfate	14808-79-8	5.4	5.4	mg/kg	Y		EPA 9056
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	General Chemistry	Total Organic Carbon	TOC	7700	7700	mg/kg	Y		EPA 9060
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Aluminum	7429-90-5	5510	5510	mg/kg	Y	J	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Antimony	7440-36-0	0.14	0.14	mg/kg	Y	J-	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Arsenic	7440-38-2	1.8	1.8	mg/kg	Y		EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Barium	7440-39-3	136	136	mg/kg	Y	J	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Beryllium	7440-41-7	0.4	0.4	mg/kg	Y		EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Boron	7440-42-8	3.1	3.1	mg/kg	Y	J	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Cadmium	7440-43-9	0.1	0.1	mg/kg	Y		EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Calcium	7440-70-2	14700	14700	mg/kg	Y	J	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Chromium (total)	7440-47-3	6.5	6.5	mg/kg	Y	J-	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Chromium VI	18540-29-9	0.11		mg/kg	N	U	EPA 7199
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Cobalt	7440-48-4	6.4	6.4	mg/kg	Y	J-	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Copper	7440-50-8	15.2	15.2	mg/kg	Y	J	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Iron	7439-89-6	11300	11300	mg/kg	Y	J	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Lead	7439-92-1	112	112	mg/kg	Y		EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Magnesium	7439-95-4	6320	6320	mg/kg	Y	J-	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Manganese	7439-96-5	325	325	mg/kg	Y	J+	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Mercury	7439-97-6	0.0071		mg/kg	N	U	EPA 7471
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Molybdenum	7439-98-7	0.54	0.54	mg/kg	Y		EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Nickel	7440-02-0	12.9	12.9	mg/kg	Y	J	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Platinum	7440-06-4	0.011		mg/kg	N	U	EPA 6020

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Potassium	7440-09-7	1580	1580	mg/kg	Y	J	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Selenium	7782-49-2	0.12		mg/kg	N	U	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Silver	7440-22-4	0.11	0.11	mg/kg	Y	J	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Sodium	7440-23-5	414	414	mg/kg	Y	J-	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Strontium	7440-24-6	116	116	mg/kg	Y	J	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Thallium	7440-28-0	0.12	0.12	mg/kg	Y	J	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Tin	7440-31-5	0.47	0.47	mg/kg	Y		EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Titanium	7440-32-6	437	437	mg/kg	Y	J	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Tungsten	7440-33-7	0.31	0.31	mg/kg	Y	J-	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Uranium (total)	7440-61-1	0.68	0.68	mg/kg	Y		EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Vanadium	7440-62-2	26.6	26.6	mg/kg	Y	J-	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	Metals	Zinc	7440-66-6	27.8	27.8	mg/kg	Y	J-	EPA 6020
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	4,4'-DDE	72-55-9	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	Aldrin	309-00-2	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	alpha-BHC	319-84-6	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	alpha-Chlordane	5103-71-9	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	beta-BHC	319-85-7	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	Chlordane (total)	57-74-9	0.011		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	delta-BHC	319-86-8	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	Endosulfan I	959-98-8	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	Endrin	72-20-8	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	gamma-BHC	58-89-9	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	gamma-Chlordane	5103-74-2	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	Heptachlor	76-44-8	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	Heptachlor epoxide	1024-57-3	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	Hexachlorobenzene	118-74-1	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	Methoxychlor	72-43-5	0.0035		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	Toxaphene	8001-35-2	0.053		mg/kg	N	U	EPA 8081
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Chlorpyrifos	2921-88-2	0.021		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Coumaphos	56-72-4	0.014		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Dasanit	115-90-2	0.014		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Demeton-O	298-03-3	0.041		mg/kg	N	UJ	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Demeton-S	126-75-0	0.016		mg/kg	N	UJ	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Diazinon	333-41-5	0.023		mg/kg	N	UJ	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Dichlorovos	62-73-7	0.024		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Dimethoate	60-51-5	0.023		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Disulfoton	298-04-4	0.051		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	EPN	2104-64-5	0.014		mg/kg	N	UJ	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Ethoprop	13194-48-4	0.016		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Famphur	52-85-7	0.014		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Fenthion	55-38-9	0.035		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Guthion	86-50-0	0.014		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Malathion	121-75-5	0.016		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Merphos	150-50-5	0.032		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Methyl parathion	298-00-0	0.021		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Mevinphos	7786-34-7	0.016		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Naled	300-76-5	0.035		mg/kg	N	UJ	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Parathion	56-38-2	0.019		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Phorate	298-02-2	0.021		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Prothiophos	34643-46-4	0.021		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Ronnel	299-84-3	0.019		mg/kg	N	UJ	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Stirophos	22248-79-9	0.016		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Sulfotepp	3689-24-5	0.021		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Sulprofos	35400-43-2	0.014		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Thionazin	297-97-2	0.019		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OPPs	Trichloronate	327-98-0	0.021		mg/kg	N	U	EPA 8141A
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PAHs	2-Methylnaphthalene	91-57-6	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PAHs	Acenaphthene	83-32-9	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PAHs	Acenaphthylene	208-96-8	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PAHs	Anthracene	120-12-7	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PAHs	Benzo(a)anthracene	56-55-3	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PAHs	Benzo(a)pyrene	50-32-8	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PAHs	Benzo(b)fluoranthene	205-99-2	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PAHs	Benzo(g,h,i)perylene	191-24-2	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PAHs	Benzo(k)fluoranthene	207-08-9	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PAHs	Chrysene	218-01-9	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PAHs	Dibenz(a,h)anthracene	53-70-3	0.007		mg/kg	N	U	EPA 8270 SIM

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PAHs	Fluoranthene	206-44-0	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PAHs	Fluorene	86-73-7	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PAHs	Naphthalene	91-20-3	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PAHs	Phenanthrene	85-01-8	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PAHs	Pyrene	129-00-0	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PCBs	Aroclor-1016	12674-11-2	0.035		mg/kg	N	U	EPA 8082
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PCBs	Aroclor-1221	11104-28-2	0.035		mg/kg	N	U	EPA 8082
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PCBs	Aroclor-1232	11141-16-5	0.035		mg/kg	N	U	EPA 8082
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PCBs	Aroclor-1242	53469-21-9	0.035		mg/kg	N	U	EPA 8082
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PCBs	Aroclor-1248	12672-29-6	0.035		mg/kg	N	U	EPA 8082
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PCBs	Aroclor-1254	11097-69-1	0.035		mg/kg	N	U	EPA 8082
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PCBs	Aroclor-1260	11096-82-5	0.035		mg/kg	N	U	EPA 8082
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	RAD	Radium-226	Ra-226	1.02	1.02	pCi/g	Y	J	HASL-300 GAMMA
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	RAD	Radium-228	Ra-228	1.97	1.97	pCi/g	Y		HASL-300 GAMMA
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	RAD	Thorium-228	Th-228	1.12	1.12	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	RAD	Thorium-230	Th-230	0.798	0.798	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	RAD	Thorium-232	Th-232	0.994	0.994	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	RAD	Uranium-234	U-234	0.26	0.26	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	RAD	Uranium-235	U-235	0.035	0.035	pCi/g	Y	J-	DOE EML HASL-300 U MOD
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	RAD	Uranium-238	U-238	0.196	0.196	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	SVOCs	1,4-Dioxane	123-91-1	0.07		mg/kg	N	U	EPA 8270
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.35		mg/kg	N	U	EPA 8270
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	SVOCs	Butylbenzylphthalate	85-68-7	0.35		mg/kg	N	U	EPA 8270
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	SVOCs	Diethylphthalate	84-66-2	0.35		mg/kg	N	U	EPA 8270
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	SVOCs	Dimethylphthalate	131-11-3	0.35		mg/kg	N	U	EPA 8270
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	SVOCs	Di-n-butylphthalate	84-74-2	0.35		mg/kg	N	U	EPA 8270
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	SVOCs	Di-n-octylphthalate	117-84-0	0.35		mg/kg	N	U	EPA 8270
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	SVOCs	Hexachlorobutadiene	87-68-3	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	SVOCs	Nitrobenzene	98-95-3	0.35		mg/kg	N	U	EPA 8270
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	SVOCs	Octachlorostyrene	29082-74-4	0.35		mg/kg	N	U	EPA 8270
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	SVOCs	Pyridine	110-86-1	1.7		mg/kg	N	U	EPA 8270
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	TPH	Oil Range Organics	TPH-MOTOR	27		mg/kg	N	U	EPA 8015B DRO
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	27		mg/kg	N	U	EPA 8015B DRO
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.11		mg/kg	N	U	EPA 8015B GRO
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	1,1,1-Trichloroethane	71-55-6	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	1,1,2-Trichloroethane	79-00-5	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	1,1-Dichloroethane	75-34-3	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	1,1-Dichloroethene	75-35-4	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	1,1-Dichloropropene	563-58-6	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	1,2,3-Trichloropropane	96-18-4	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	1,2-Dibromoethane	106-93-4	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	1,2-Dichlorobenzene	95-50-1	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	1,2-Dichloroethane	107-06-2	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	1,2-Dichloropropane	78-87-5	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	1,3-Dichlorobenzene	541-73-1	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	1,3-Dichloropropane	142-28-9	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	1,4-Dichlorobenzene	106-46-7	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	2,2-Dichloropropane	594-20-7	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	2-Butanone	78-93-3	0.011		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	2-Chlorotoluene	95-49-8	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	2-Hexanone	591-78-6	0.011		mg/kg	N	UJ	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	4-Chlorotoluene	106-43-4	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	4-Methyl-2-pentanone	108-10-1	0.011		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Acetone	67-64-1	0.011		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Benzene	71-43-2	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Bromobenzene	108-86-1	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Bromochloromethane	74-97-5	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Bromodichloromethane	75-27-4	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Bromoform	75-25-2	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Bromomethane	74-83-9	0.011		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Carbon tetrachloride	56-23-5	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Chlorobenzene	108-90-7	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Chloroethane	75-00-3	0.0053		mg/kg	N	UJ	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Chloroform	67-66-3	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Chloromethane	74-87-3	0.0053		mg/kg	N	UJ	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0053		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Cumene	98-82-8	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Dibromochloromethane	124-48-1	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Dibromomethane	74-95-3	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Dichlorodifluoromethane	75-71-8	0.0053		mg/kg	N	UJ	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Diisopropyl ether	108-20-3	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Ethyl benzene	100-41-4	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Ethyl tert-butyl ether	637-92-3	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Methyl tert-butyl ether	1634-04-4	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Methylene Chloride	75-09-2	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	n-Butylbenzene	104-51-8	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	n-Propylbenzene	103-65-1	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	p-Cymene	99-87-6	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	sec-Butylbenzene	135-98-8	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Styrene	100-42-5	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	t-Amyl methyl ether	994-05-8	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	tert Butyl alcohol	75-65-0	0.0053		mg/kg	N	UJ	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	tert-Butylbenzene	98-06-6	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Tetrachloroethene	127-18-4	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Toluene	108-88-3	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Trichloroethene	79-01-6	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Trichlorofluoromethane	75-69-4	0.0053		mg/kg	N	UJ	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Vinyl chloride	75-01-4	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	VOCs	Xylenes (total)	1330-20-7	0.011		mg/kg	N	U	EPA 8260
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.522	0.522	mg/kg	Y	J+	EPA 300.1M
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	2.62	2.62	mg/kg	Y	J-	EPA 314.0M
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000032	0.000032	mg/kg	Y		EPA 8290
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000026	0.0000026	mg/kg	Y	J	EPA 8290
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000076	0.00000076	mg/kg	Y	JK	EPA 8290
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000063	0.0000063	mg/kg	Y		EPA 8290
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000005	0.000005	mg/kg	Y		EPA 8290
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000025		mg/kg	N		EPA 8290
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000037	0.0000037	mg/kg	Y		EPA 8290
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000025		mg/kg	N		EPA 8290
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000097	0.00000097	mg/kg	Y	J	EPA 8290
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000055	0.00000055	mg/kg	Y	JK	EPA 8290
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000031	0.0000031	mg/kg	Y		EPA 8290
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000025		mg/kg	N		EPA 8290
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000011	0.0000011	mg/kg	Y	JK	EPA 8290
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000015	0.0000015	mg/kg	Y	J	EPA 8290
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000044	0.0000044	mg/kg	Y		EPA 8290
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000024	0.00000024	mg/kg	Y	JK	EPA 8290
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	886	886	mg/kg	Y	J+	SM 2320B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	General Chemistry	Carbonate as CO3	3812-32-6	66	66	mg/kg	Y		SM 2320B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	General Chemistry	Chloride	16887-00-6	68.2	68.2	mg/kg	Y	J+	EPA 9056
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	General Chemistry	Hydrogen carbonate	71-52-3	821	821	mg/kg	Y	J+	SM 2320B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	General Chemistry	Methylene Blue Active Substances	MBAS	0.6	0.6	mg/kg	Y	J	SM 5540C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	General Chemistry	Nitrate	14797-55-8	15.36714286	15.36714286	mg/kg	Y	J+	EPA 9056
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	General Chemistry	pH	PH	9.83	9.83	SU	Y		EPA 9045D
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	General Chemistry	Sulfate	14808-79-8	78.2	78.2	mg/kg	Y	J	EPA 9056
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	General Chemistry	Total Organic Carbon	TOC	740	740	mg/kg	Y		LLOYD KAHN
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Aluminum	7429-90-5	7590	7590	mg/kg	Y		EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Antimony	7440-36-0	1.1	1.1	mg/kg	Y	J	EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Arsenic	7440-38-2	2.05	2.05	mg/kg	Y		EPA 6020
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Barium	7440-39-3	157	157	mg/kg	Y	J	EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Beryllium	7440-41-7	0.338	0.338	mg/kg	Y		EPA 6020
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Boron	7440-42-8	5.9	5.9	mg/kg	Y	J	EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Cadmium	7440-43-9	0.14	0.14	mg/kg	Y		EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Calcium	7440-70-2	29900	29900	mg/kg	Y		EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Chromium (total)	7440-47-3	4.65	4.65	mg/kg	Y		EPA 6020
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Cobalt	7440-48-4	5.6	5.6	mg/kg	Y		EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Copper	7440-50-8	14	14	mg/kg	Y		EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Iron	7439-89-6	11600	11600	mg/kg	Y		EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Lead	7439-92-1	8.4	8.4	mg/kg	Y	J	EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Magnesium	7439-95-4	7920	7920	mg/kg	Y		EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Manganese	7439-96-5	262	262	mg/kg	Y		EPA 6010B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Mercury	7439-97-6	0.008	0.008	mg/kg	Y	J	EPA 7471A
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Molybdenum	7439-98-7	0.39	0.39	mg/kg	Y		EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Nickel	7440-02-0	14.8	14.8	mg/kg	Y		EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Phosphorus (total)	7723-14-0	674	674	mg/kg	Y	J	EPA 365.1M
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Platinum	7440-06-4	0.008	0.008	mg/kg	Y	J	EPA 6020
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Potassium	7440-09-7	2220	2220	mg/kg	Y		EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N	UJ	EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Sodium	7440-23-5	1730	1730	mg/kg	Y	J	EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Strontium	7440-24-6	207	207	mg/kg	Y		EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Thallium	7440-28-0	0.076	0.076	mg/kg	Y		EPA 6020
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Tin	7440-31-5	3.7	3.7	mg/kg	Y	J	EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Titanium	7440-32-6	588	588	mg/kg	Y		EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Tungsten	7440-33-7	0.1	0.1	mg/kg	Y	J-	EPA 6020
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Uranium (total)	7440-61-1	0.681	0.681	mg/kg	Y		EPA 6020
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Vanadium	7440-62-2	30.6	30.6	mg/kg	Y		EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	Metals	Zinc	7440-66-6	27	27	mg/kg	Y		EPA 6010B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	OCPs	Hexachlorobenzene	118-74-1	0.00086		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00058		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	PAHs	Acenaphthylene	208-96-8	0.00076		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0018	0.0018	mg/kg	Y	J	EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0007		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0021	0.0021	mg/kg	Y	J	EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.0021	0.0021	mg/kg	Y	J	EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	PAHs	Chrysene	218-01-9	0.0021	0.0021	mg/kg	Y	J	EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00079		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	PAHs	Fluoranthene	206-44-0	0.0028	0.0028	mg/kg	Y	J	EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	PAHs	Fluorene	86-73-7	0.00071		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00091		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	PAHs	Naphthalene	91-20-3	0.00087		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	PAHs	Pyrene	129-00-0	0.0028	0.0028	mg/kg	Y	J	EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	RAD	Radium-226	Ra-226	0.46	0.46	pCi/g	Y		EPA 903.1 MOD
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	RAD	Radium-228	Ra-228	1.34	1.34	pCi/g	Y		EPA 904.0 MOD
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	RAD	Thorium-228	Th-228	1.86	1.86	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	RAD	Thorium-230	Th-230	1.15	1.15	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	RAD	Thorium-232	Th-232	1.44	1.44	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	RAD	Uranium-234	U-234	1.23	1.23	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	RAD	Uranium-235	U-235	0.104		pCi/g	N		DOE EML HASL-300 U MOD
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	RAD	Uranium-238	U-238	1.28	1.28	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	SVOCs	1,4-Dioxane	123-91-1	0.0051		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0024		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	SVOCs	Dimethylphthalate	131-11-3	0.00092		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.034		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00087		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0036		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	TPH	Oil Range Organics	TPH-MOTOR	42		mg/kg	N		EPA 8015B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	42		mg/kg	N		EPA 8015B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00033		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00025		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00046		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00067		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00053		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00043		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00046		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00083		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00061		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0011		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00072		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0008		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00035		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00045		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00041		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00045		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0006		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.0006		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00042		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00081		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00038		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	2-Butanone	78-93-3	0.0025	0.0025	mg/kg	Y	J	EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	2-Chlorotoluene	95-49-8	0.00071		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	2-Hexanone	591-78-6	0.00082		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	4-Chlorotoluene	106-43-4	0.00063		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00075		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Acetone	67-64-1	0.027	0.027	mg/kg	Y		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Benzene	71-43-2	0.00053		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Bromobenzene	108-86-1	0.00048		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Bromochloromethane	74-97-5	0.00048		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Bromodichloromethane	75-27-4	0.00059		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Bromoform	75-25-2	0.00049		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Bromomethane	74-83-9	0.0009		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Carbon tetrachloride	56-23-5	0.00052		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Chlorobenzene	108-90-7	0.00056		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Chloroethane	75-00-3	0.00056		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Chloroform	67-66-3	0.0005		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Chloromethane	74-87-3	0.00066		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00036		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0004		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Cumene	98-82-8	0.00058		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Dibromochloromethane	124-48-1	0.00038		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Dibromomethane	74-95-3	0.00038		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.0006		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Diisopropyl ether	108-20-3	0.00028		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Ethyl benzene	100-41-4	0.0011		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00028		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	m,p-Xylene	179601-23-1	0.0011		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00036		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Methylene Chloride	75-09-2	0.00044		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	n-Butylbenzene	104-51-8	0.00088		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	n-Propylbenzene	103-65-1	0.00059		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	o-Xylene	95-47-6	0.00073		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	p-Cymene	99-87-6	0.00074		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	sec-Butylbenzene	135-98-8	0.00075		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Styrene	100-42-5	0.00052		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00013		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	tert Butyl alcohol	75-65-0	0.0081		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	tert-Butylbenzene	98-06-6	0.00064		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Tetrachloroethene	127-18-4	0.00057		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Toluene	108-88-3	0.00077	0.00077	mg/kg	Y	J	EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0006		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00043		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Trichloroethene	79-01-6	0.00046		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00038		mg/kg	N		EPA 8260B
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	VOCs	Vinyl chloride	75-01-4	0.00054		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.054	0.054	mg/kg	Y	J	EPA 300.1
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	3.28	3.28	mg/kg	Y		EPA 314.0
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000198	0.0000198	mg/kg	Y		EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000248	0.000248	mg/kg	Y		EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00000655	0.00000655	mg/kg	Y		EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000702	0.0000702	mg/kg	Y		EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000195	0.00000195	mg/kg	Y	J	EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000353	0.00000353	mg/kg	Y		EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	8.11E-08		mg/kg	N		EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000201	0.00000201	mg/kg	Y	J	EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000179	0.0000179	mg/kg	Y		EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000000204	0.000000204	mg/kg	Y	JK	EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000708	0.00000708	mg/kg	Y		EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000198	0.00000198	mg/kg	Y	J	EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000000622	0.000000622	mg/kg	Y	J	EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000131	0.00000131	mg/kg	Y	J	EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000115	0.00000115	mg/kg	Y	J	EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000169	0.00000169	mg/kg	Y		EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000319	0.000000319	mg/kg	Y	JK	EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	HpCDD (total)	37871-00-4	0.0000993	0.0000993	mg/kg	Y		EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	HpCDF (total)	38998-75-3	0.0000133	0.0000133	mg/kg	Y		EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	HxCDD (total)	34465-46-8	0.000144	0.000144	mg/kg	Y		EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	HxCDF (total)	55684-94-1	0.0000193	0.0000193	mg/kg	Y		EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	PeCDD (total)	36088-22-9	0.00000544	0.00000544	mg/kg	Y		EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	PeCDF (total)	30402-15-4	0.00002	0.00002	mg/kg	Y		EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	TCDD (total)	41903-57-5	0.00000178	0.00000178	mg/kg	Y		EPA 8290

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Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Dioxins	TCDF (total)	30402-14-3	0.0000159	0.0000159	mg/kg	Y		EPA 8290
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	168	168	mg/kg	Y	J+	SM 2320B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	General Chemistry	Bromide	24959-67-9	1	1	mg/kg	Y	J	EPA 9056
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	General Chemistry	Chloride	16887-00-6	355	355	mg/kg	Y	J+	EPA 9056
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	General Chemistry	Hydrogen carbonate	71-52-3	168	168	mg/kg	Y	J+	SM 2320B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N		SM 5540C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	General Chemistry	Nitrate	14797-55-8	68.64285714	68.64285714	mg/kg	Y	J+	EPA 9056
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	General Chemistry	Nitrite	14797-65-0	0.12	0.12	mg/kg	Y		EPA 353.2
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	General Chemistry	pH	PH	8.14	8.14	SU	Y		EPA 9045D
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	General Chemistry	Sulfate	14808-79-8	19500	19500	mg/kg	Y		EPA 9056
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	General Chemistry	Total Organic Carbon	TOC	40		mg/kg	N	UJ	LLOYD KAHN
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Aluminum	7429-90-5	8010	8010	mg/kg	Y		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Arsenic	7440-38-2	2.36	2.36	mg/kg	Y		EPA 6020
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Barium	7440-39-3	183	183	mg/kg	Y		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Beryllium	7440-41-7	0.378	0.378	mg/kg	Y		EPA 6020
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Boron	7440-42-8	112	112	mg/kg	Y		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Cadmium	7440-43-9	0.15	0.15	mg/kg	Y		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Calcium	7440-70-2	26700	26700	mg/kg	Y		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Chromium (total)	7440-47-3	15.3	15.3	mg/kg	Y		EPA 6020
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Chromium VI	18540-29-9	0.27	0.27	mg/kg	Y	J	EPA 7199
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Cobalt	7440-48-4	17.2	17.2	mg/kg	Y		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Copper	7440-50-8	21	21	mg/kg	Y		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Iron	7439-89-6	39500	39500	mg/kg	Y		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Lead	7439-92-1	15.5	15.5	mg/kg	Y		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Magnesium	7439-95-4	7950	7950	mg/kg	Y		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Manganese	7439-96-5	455	455	mg/kg	Y		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Mercury	7439-97-6	0.027	0.027	mg/kg	Y		EPA 7471A
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Molybdenum	7439-98-7	2.28	2.28	mg/kg	Y		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Nickel	7440-02-0	27.9	27.9	mg/kg	Y		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Phosphorus (total)	7723-14-0	540	540	mg/kg	Y		EPA 365.1M
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Platinum	7440-06-4	0.056	0.056	mg/kg	Y	J	EPA 6020
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Potassium	7440-09-7	2260	2260	mg/kg	Y		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Silver	7440-22-4	1.7	1.7	mg/kg	Y		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Sodium	7440-23-5	3070	3070	mg/kg	Y		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Strontium	7440-24-6	178	178	mg/kg	Y		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Thallium	7440-28-0	0.115	0.115	mg/kg	Y		EPA 6020
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Tin	7440-31-5	5.2	5.2	mg/kg	Y	J	EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Titanium	7440-32-6	901	901	mg/kg	Y		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Tungsten	7440-33-7	0.22	0.22	mg/kg	Y		EPA 6020
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Uranium (total)	7440-61-1	0.733	0.733	mg/kg	Y		EPA 6020
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Vanadium	7440-62-2	44.7	44.7	mg/kg	Y		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	Metals	Zinc	7440-66-6	44.6	44.6	mg/kg	Y		EPA 6010B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	OCPs	Hexachlorobenzene	118-74-1	0.00088		mg/kg	N		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00059		mg/kg	N		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	PAHs	Acenaphthylene	208-96-8	0.0014	0.0014	mg/kg	Y	J	EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0057	0.0057	mg/kg	Y	J	EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0064	0.0064	mg/kg	Y	J	EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.014	0.014	mg/kg	Y		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0093	0.0093	mg/kg	Y		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.01	0.01	mg/kg	Y		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	PAHs	Chrysene	218-01-9	0.014	0.014	mg/kg	Y		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00081		mg/kg	N		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	PAHs	Fluoranthene	206-44-0	0.016	0.016	mg/kg	Y		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	PAHs	Fluorene	86-73-7	0.00073		mg/kg	N		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0075	0.0075	mg/kg	Y		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	PAHs	Naphthalene	91-20-3	0.00089		mg/kg	N		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	PAHs	Phenanthrene	85-01-8	0.0039	0.0039	mg/kg	Y	J	EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	PAHs	Pyrene	129-00-0	0.015	0.015	mg/kg	Y		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	RAD	Radium-226	Ra-226	0.792	0.792	pCi/g	Y		EPA 903.1 MOD
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	RAD	Radium-228	Ra-228	1.17	1.17	pCi/g	Y	J	EPA 904.0 MOD
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	RAD	Thorium-228	Th-228	1.58	1.58	pCi/g	Y		DOE EML HASL-300
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	RAD	Thorium-230	Th-230	0.86	0.86	pCi/g	Y		DOE EML HASL-300
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	RAD	Thorium-232	Th-232	1.22	1.22	pCi/g	Y		DOE EML HASL-300
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	RAD	Uranium-234	U-234	0.919	0.919	pCi/g	Y		DOE EML HASL-300
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	RAD	Uranium-235	U-235	0.0372	0.0372	pCi/g	Y		DOE EML HASL-300
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	RAD	Uranium-238	U-238	0.85	0.85	pCi/g	Y		DOE EML HASL-300
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	SVOCs	1,4-Dioxane	123-91-1	0.0052		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	SVOCs	Dimethylphthalate	131-11-3	0.00093		mg/kg	N		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.047	0.047	mg/kg	Y	J	EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00075		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00028		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00021		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0004		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00058		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00046		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00037		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	1,1-Dichloropropene	563-58-6	0.0004		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00072		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00053		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00088		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00062		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00069		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	1,2-Dibromoethane	106-93-4	0.0003		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00039		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00035		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00039		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00052		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00052		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00036		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.0007		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00033		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	2-Butanone	78-93-3	0.0017	0.0017	mg/kg	Y	J	EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	2-Chlorotoluene	95-49-8	0.00061		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	2-Hexanone	591-78-6	0.00071		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	4-Chlorotoluene	106-43-4	0.00054		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00065		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Acetone	67-64-1	0.013	0.013	mg/kg	Y	J	EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Benzene	71-43-2	0.00046		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Bromobenzene	108-86-1	0.00041		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Bromochloromethane	74-97-5	0.00041		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Bromodichloromethane	75-27-4	0.00051		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Bromoform	75-25-2	0.00042		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Bromomethane	74-83-9	0.00078		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Carbon tetrachloride	56-23-5	0.00045		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Chlorobenzene	108-90-7	0.00048		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Chloroethane	75-00-3	0.00048		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Chloroform	67-66-3	0.00043		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Chloromethane	74-87-3	0.00057		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00031		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00034		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Cumene	98-82-8	0.0005		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Dibromochloromethane	124-48-1	0.00033		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Dibromomethane	74-95-3	0.00033		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00052		mg/kg	N	UJ	EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Diisopropyl ether	108-20-3	0.00024		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Ethyl benzene	100-41-4	0.00087		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00024		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	m,p-Xylene	179601-23-1	0.00092		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00031		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Methylene Chloride	75-09-2	0.00038		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	n-Butylbenzene	104-51-8	0.00076		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	n-Propylbenzene	103-65-1	0.00051		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	o-Xylene	95-47-6	0.00063		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	p-Cymene	99-87-6	0.00064		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	sec-Butylbenzene	135-98-8	0.00065		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Styrene	100-42-5	0.00045		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	tert Butyl alcohol	75-65-0	0.007		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	tert-Butylbenzene	98-06-6	0.00055		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Tetrachloroethene	127-18-4	0.00049		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Toluene	108-88-3	0.00092	0.00092	mg/kg	Y	J	EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00052		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00037		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Trichloroethene	79-01-6	0.0004		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00033		mg/kg	N		EPA 8260B
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	VOCs	Vinyl chloride	75-01-4	0.00047		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.554	0.554	mg/kg	Y		EPA 300.1M
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.161	0.161	mg/kg	Y		EPA 314.0M
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00000732	0.00000732	mg/kg	Y		EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000611	0.00000611	mg/kg	Y	J	EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00000226	0.00000226	mg/kg	Y	J	EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000163	0.00000163	mg/kg	Y	J	EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000000879	0.000000879	mg/kg	Y	JK	EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000109	0.00000109	mg/kg	Y	J	EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	4.56E-08		mg/kg	N		EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000000734	0.000000734	mg/kg	Y	J	EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	6.48E-08	6.48E-08	mg/kg	Y	J	EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	8.27E-08		mg/kg	N		EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	9.18E-08	9.18E-08	mg/kg	Y	JK	EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000000509	0.000000509	mg/kg	Y	JK	EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	2.85E-08		mg/kg	N		EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	7.61E-08		mg/kg	N		EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000000205	0.000000205	mg/kg	Y	JK	EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000000152		mg/kg	N		EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	1.24E-08		mg/kg	N		EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	HpCDD (total)	37871-00-4	0.00000352	0.00000352	mg/kg	Y	J	EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	HpCDF (total)	38998-75-3	0.00000319	0.00000319	mg/kg	Y		EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	HxCDD (total)	34465-46-8	0.000000309	0.000000309	mg/kg	Y	J	EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	HxCDF (total)	55684-94-1	0.00000529	0.00000529	mg/kg	Y		EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	PeCDD (total)	36088-22-9	2.85E-08		mg/kg	N		EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	PeCDF (total)	30402-15-4	0.00000331	0.00000331	mg/kg	Y		EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	TCDD (total)	41903-57-5	3.32E-08	3.32E-08	mg/kg	Y	J	EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Dioxins	TCDF (total)	30402-14-3	0.00000374	0.00000374	mg/kg	Y		EPA 8290
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	461	461	mg/kg	Y	J-	SM 2320B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	General Chemistry	Ammonia	7664-41-7	0.12159181		mg/kg	N		EPA 350.1
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	General Chemistry	Carbonate as CO3	3812-32-6	37	37	mg/kg	Y		SM 2320B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	General Chemistry	Chloride	16887-00-6	3.1	3.1	mg/kg	Y	J+	EPA 9056
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	General Chemistry	Hydrogen carbonate	71-52-3	425	425	mg/kg	Y	J-	SM 2320B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	General Chemistry	Methylene Blue Active Substances	MBAS	1.3	1.3	mg/kg	Y	J	SM 5540C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	General Chemistry	Nitrate	14797-55-8	5.447142857	5.447142857	mg/kg	Y	J+	EPA 9056
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	General Chemistry	pH	PH	9.37	9.37	SU	Y		EPA 9045D
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	General Chemistry	Sulfate	14808-79-8	131	131	mg/kg	Y	J+	EPA 9056
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	General Chemistry	Total Organic Carbon	TOC	460	460	mg/kg	Y		LLOYD KAHN
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Aluminum	7429-90-5	9300	9300	mg/kg	Y		EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Arsenic	7440-38-2	2.34	2.34	mg/kg	Y		EPA 6020
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Barium	7440-39-3	185	185	mg/kg	Y		EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Beryllium	7440-41-7	0.436	0.436	mg/kg	Y		EPA 6020
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Boron	7440-42-8	7.4	7.4	mg/kg	Y	J	EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Cadmium	7440-43-9	0.25	0.25	mg/kg	Y		EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Calcium	7440-70-2	24400	24400	mg/kg	Y		EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Chromium (total)	7440-47-3	6.51	6.51	mg/kg	Y		EPA 6020
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Cobalt	7440-48-4	6.5	6.5	mg/kg	Y		EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Copper	7440-50-8	19.7	19.7	mg/kg	Y		EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Iron	7439-89-6	16800	16800	mg/kg	Y		EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Lead	7439-92-1	7.9	7.9	mg/kg	Y		EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Magnesium	7439-95-4	9790	9790	mg/kg	Y		EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Manganese	7439-96-5	309	309	mg/kg	Y		EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Mercury	7439-97-6	0.012	0.012	mg/kg	Y	J	EPA 7471A
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Molybdenum	7439-98-7	0.54	0.54	mg/kg	Y		EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Nickel	7440-02-0	15.2	15.2	mg/kg	Y		EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Phosphorus (total)	7723-14-0	694	694	mg/kg	Y		EPA 365.1M
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Platinum	7440-06-4	0.006	0.006	mg/kg	Y	J	EPA 6020
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Potassium	7440-09-7	2030	2030	mg/kg	Y		EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Sodium	7440-23-5	890	890	mg/kg	Y		EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Strontium	7440-24-6	309	309	mg/kg	Y		EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Thallium	7440-28-0	0.08	0.08	mg/kg	Y		EPA 6020
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Tin	7440-31-5	5.8	5.8	mg/kg	Y	J	EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Titanium	7440-32-6	979	979	mg/kg	Y		EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Tungsten	7440-33-7	0.14	0.14	mg/kg	Y		EPA 6020
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Uranium (total)	7440-61-1	1.2	1.2	mg/kg	Y		EPA 6020

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Vanadium	7440-62-2	50.5	50.5	mg/kg	Y		EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	Metals	Zinc	7440-66-6	33.4	33.4	mg/kg	Y		EPA 6010B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	OCPs	Hexachlorobenzene	118-74-1	0.00088		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00059		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PAHs	Acenaphthylene	208-96-8	0.00078		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0006		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00071		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00087		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PAHs	Chrysene	218-01-9	0.0021	0.0021	mg/kg	Y	J	EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00081		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PAHs	Fluorene	86-73-7	0.00072		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00093		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PAHs	Naphthalene	91-20-3	0.00088		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PCBs	Aroclor-1016	12674-11-2	0.019		mg/kg	N		EPA 8082
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PCBs	Aroclor-1221	11104-28-2	0.041		mg/kg	N		EPA 8082
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PCBs	Aroclor-1232	11141-16-5	0.019		mg/kg	N		EPA 8082
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PCBs	Aroclor-1242	53469-21-9	0.028		mg/kg	N		EPA 8082
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PCBs	Aroclor-1248	12672-29-6	0.019		mg/kg	N		EPA 8082
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PCBs	Aroclor-1254	11097-69-1	0.019		mg/kg	N		EPA 8082
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PCBs	Aroclor-1260	11096-82-5	0.033		mg/kg	N		EPA 8082
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	RAD	Radium-226	Ra-226	1.04	1.04	pCi/g	Y		EPA 903.1 MOD
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	RAD	Radium-228	Ra-228	2.42	2.42	pCi/g	Y		EPA 904.0 MOD
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	RAD	Thorium-228	Th-228	1.65	1.65	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	RAD	Thorium-230	Th-230	0.805	0.805	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	RAD	Thorium-232	Th-232	1.29	1.29	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	RAD	Uranium-234	U-234	1.01	1.01	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	RAD	Uranium-235	U-235	0.151	0.151	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	RAD	Uranium-238	U-238	0.914	0.914	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	SVOCs	1,4-Dioxane	123-91-1	0.0052		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	SVOCs	Dimethylphthalate	131-11-3	0.00093		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.083	0.083	mg/kg	Y	J	EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00079		mg/kg	N	UJ	EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0003		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00022		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00042		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00061		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00048		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00039		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00042		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00075		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00056		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00093		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00065		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00072		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00032		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00041		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00037		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00041		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00055		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00055		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00038		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00073		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00035		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	2-Butanone	78-93-3	0.0008		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	2-Chlorotoluene	95-49-8	0.00064		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	2-Hexanone	591-78-6	0.00074		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	4-Chlorotoluene	106-43-4	0.00057		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00068		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Acetone	67-64-1	0.0016		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Benzene	71-43-2	0.00048		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Bromobenzene	108-86-1	0.00043		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Bromochloromethane	74-97-5	0.00043		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Bromodichloromethane	75-27-4	0.00054		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Bromoform	75-25-2	0.00044		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Bromomethane	74-83-9	0.00082		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Carbon tetrachloride	56-23-5	0.00047		mg/kg	N	UJ	EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Chlorobenzene	108-90-7	0.0005		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Chloroethane	75-00-3	0.0005		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Chloroform	67-66-3	0.00045		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Chloromethane	74-87-3	0.0006		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00033		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00036		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Cumene	98-82-8	0.00053		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Dibromochloromethane	124-48-1	0.00035		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Dibromomethane	74-95-3	0.00035		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00055		mg/kg	N	UJ	EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Diisopropyl ether	108-20-3	0.00025		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Ethyl benzene	100-41-4	0.00092		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00025		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	m,p-Xylene	179601-23-1	0.00097		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00033		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Methylene Chloride	75-09-2	0.0004		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	n-Butylbenzene	104-51-8	0.0008		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	n-Propylbenzene	103-65-1	0.00054		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	o-Xylene	95-47-6	0.00066		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	p-Cymene	99-87-6	0.00067		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	sec-Butylbenzene	135-98-8	0.00068		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Styrene	100-42-5	0.00047		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00012		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	tert Butyl alcohol	75-65-0	0.0073		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	tert-Butylbenzene	98-06-6	0.00058		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Tetrachloroethene	127-18-4	0.00051		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Toluene	108-88-3	0.0011	0.0011	mg/kg	Y	J	EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00055		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00039		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Trichloroethene	79-01-6	0.00042		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00035		mg/kg	N		EPA 8260B
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	VOCs	Vinyl chloride	75-01-4	0.00049		mg/kg	N		EPA 8260B
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Chlorine Oxyanions	Chlorate	14866-68-3	108	108	mg/kg	Y	J+	EPA 9056
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Chlorine Oxyanions	Perchlorate	14797-73-0	34.3	34.3	mg/kg	Y	J	EPA 314.0
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.002338457	0.002338457	mg/kg	Y	J	EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000191912	0.000191912	mg/kg	Y		EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000873925	0.000873925	mg/kg	Y	J	EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00008545	0.00008545	mg/kg	Y		EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00039211	0.00039211	mg/kg	Y		EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000372915	0.000372915	mg/kg	Y		EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000008841	0.000008841	mg/kg	Y		EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000249626	0.000249626	mg/kg	Y		EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000019448	0.000019448	mg/kg	Y		EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000031353	0.000031353	mg/kg	Y		EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000021698	0.000021698	mg/kg	Y		EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000199692	0.000199692	mg/kg	Y		EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000016175	0.000016175	mg/kg	Y		EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000112484	0.000112484	mg/kg	Y		EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000092927	0.000092927	mg/kg	Y		EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000136994	0.000136994	mg/kg	Y	J	EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000008965	0.000008965	mg/kg	Y		EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	HpCDD (total)	37871-00-4	0.000151421	0.000151421	mg/kg	Y		EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	HpCDF (total)	38998-75-3	0.001846885	0.001846885	mg/kg	Y	J	EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	HxCDD (total)	34465-46-8	0.000158189	0.000158189	mg/kg	Y		EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	HxCDF (total)	55684-94-1	0.001786919	0.001786919	mg/kg	Y		EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	PeCDD (total)	36088-22-9	0.000154674	0.000154674	mg/kg	Y		EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	PeCDF (total)	30402-15-4	0.001665598	0.001665598	mg/kg	Y		EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	TCDD (total)	41903-57-5	0.000160412	0.000160412	mg/kg	Y		EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Dioxins	TCDF (total)	30402-14-3	0.001642861	0.001642861	mg/kg	Y	J	EPA 8290
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	General Chemistry	Alkalinity	ALK	247	247	mg/kg	Y		EPA 310.1
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	General Chemistry	Alkalinity (as CaCO3)	ALKA	68.9	68.9	mg/kg	Y		EPA 310.1
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	General Chemistry	Ammonia	7664-41-7	0.705232496		mg/kg	N	UJ	EPA 350.1
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	General Chemistry	Bromide	24959-67-9	1.1	1.1	mg/kg	Y	J	EPA 9056
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	General Chemistry	Chloride	16887-00-6	127	127	mg/kg	Y		EPA 9056
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	General Chemistry	Hydrogen carbonate	71-52-3	178	178	mg/kg	Y		EPA 310.1
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	U	SM 5540C
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	General Chemistry	Moisture	MOIST	5.3	5.3	percent	Y		EPA 160.3
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	General Chemistry	Nitrate	14797-55-8	39.41428571	39.41428571	mg/kg	Y		EPA 9056

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	General Chemistry	ortho-Phosphate	11-36-9	7.2	7.2	mg/kg	Y		EPA 9056
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	General Chemistry	pH	PH	8.2	8.2	SU	Y		EPA 9045
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	General Chemistry	Sulfate	14808-79-8	449	449	mg/kg	Y	J	EPA 9056
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	General Chemistry	Total Organic Carbon	TOC	6780	6780	mg/kg	Y	J-	EPA 9060
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Aluminum	7429-90-5	6400	6400	mg/kg	Y		EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Antimony	7440-36-0	0.36	0.36	mg/kg	Y	J-	EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Arsenic	7440-38-2	5.5	5.5	mg/kg	Y		EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Barium	7440-39-3	201	201	mg/kg	Y	J+	EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Beryllium	7440-41-7	0.41	0.41	mg/kg	Y		EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Boron	7440-42-8	48.6	48.6	mg/kg	Y	J-	EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Cadmium	7440-43-9	0.24	0.24	mg/kg	Y		EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Calcium	7440-70-2	37500	37500	mg/kg	Y		EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Chromium (total)	7440-47-3	18.5	18.5	mg/kg	Y	J-	EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Chromium VI	18540-29-9	0.56	0.56	mg/kg	Y		EPA 7199
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Cobalt	7440-48-4	8.6	8.6	mg/kg	Y	J-	EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Copper	7440-50-8	16.5	16.5	mg/kg	Y	J-	EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Iron	7439-89-6	9830	9830	mg/kg	Y		EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Lead	7439-92-1	32.5	32.5	mg/kg	Y		EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Magnesium	7439-95-4	8360	8360	mg/kg	Y	J-	EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Manganese	7439-96-5	1290	1290	mg/kg	Y		EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Mercury	7439-97-6	0.0071		mg/kg	N	U	EPA 7471
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Molybdenum	7439-98-7	0.92	0.92	mg/kg	Y		EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Nickel	7440-02-0	12.9	12.9	mg/kg	Y	J-	EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Platinum	7440-06-4	0.077	0.077	mg/kg	Y	J	EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Potassium	7440-09-7	1910	1910	mg/kg	Y		EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Selenium	7782-49-2	0.11		mg/kg	N	U	EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Silver	7440-22-4	0.16	0.16	mg/kg	Y	J	EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Sodium	7440-23-5	763	763	mg/kg	Y		EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Strontium	7440-24-6	130	130	mg/kg	Y	J+	EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Thallium	7440-28-0	0.38	0.38	mg/kg	Y	J	EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Tin	7440-31-5	0.92	0.92	mg/kg	Y		EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Titanium	7440-32-6	364	364	mg/kg	Y	J+	EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Tungsten	7440-33-7	1.4	1.4	mg/kg	Y	J-	EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Uranium (total)	7440-61-1	0.96	0.96	mg/kg	Y		EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Vanadium	7440-62-2	24.1	24.1	mg/kg	Y		EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	Metals	Zinc	7440-66-6	39.1	39.1	mg/kg	Y	J-	EPA 6020
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	4,4'-DDE	72-55-9	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	Aldrin	309-00-2	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	alpha-BHC	319-84-6	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	alpha-Chlordane	5103-71-9	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	beta-BHC	319-85-7	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	Chlordane (total)	57-74-9	0.011		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	delta-BHC	319-86-8	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	Endosulfan I	959-98-8	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	Endrin	72-20-8	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	gamma-BHC	58-89-9	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	gamma-Chlordane	5103-74-2	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	Heptachlor	76-44-8	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	Heptachlor epoxide	1024-57-3	0.0018		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	Hexachlorobenzene	118-74-1	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	Methoxychlor	72-43-5	0.0035		mg/kg	N	UJ	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	Toxaphene	8001-35-2	0.053		mg/kg	N	U	EPA 8081
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Chlorpyrifos	2921-88-2	0.021		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Coumaphos	56-72-4	0.014		mg/kg	N	UJ	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Dasanit	115-90-2	0.014		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Demeton-O	298-03-3	0.041		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Demeton-S	126-75-0	0.016		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Diazinon	333-41-5	0.023		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Dichlorovos	62-73-7	0.024		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Dimethoate	60-51-5	0.023		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Disulfoton	298-04-4	0.051		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	EPN	2104-64-5	0.014		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Ethoprop	13194-48-4	0.016		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Famphur	52-85-7	0.014		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Fenthion	55-38-9	0.035		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Guthion	86-50-0	0.014		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Malathion	121-75-5	0.016		mg/kg	N	U	EPA 8141A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Merphos	150-50-5	0.032		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Methyl parathion	298-00-0	0.021		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Mevinphos	7786-34-7	0.016		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Naled	300-76-5	0.035		mg/kg	N	UJ	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Parathion	56-38-2	0.019		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Phorate	298-02-2	0.021		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Prothiophos	34643-46-4	0.021		mg/kg	N	UJ	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Ronnel	299-84-3	0.019		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Stirophos	22248-79-9	0.016		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Sulfotepp	3689-24-5	0.021		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Sulprofos	35400-43-2	0.014		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Thionazin	297-97-2	0.019		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OPPs	Trichloronate	327-98-0	0.021		mg/kg	N	U	EPA 8141A
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PAHs	2-Methylnaphthalene	91-57-6	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PAHs	Acenaphthene	83-32-9	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PAHs	Acenaphthylene	208-96-8	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PAHs	Anthracene	120-12-7	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PAHs	Benzo(a)anthracene	56-55-3	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PAHs	Benzo(a)pyrene	50-32-8	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PAHs	Benzo(b)fluoranthene	205-99-2	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PAHs	Benzo(g,h,i)perylene	191-24-2	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PAHs	Benzo(k)fluoranthene	207-08-9	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PAHs	Chrysene	218-01-9	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PAHs	Dibenz(a,h)anthracene	53-70-3	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PAHs	Fluoranthene	206-44-0	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PAHs	Fluorene	86-73-7	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PAHs	Naphthalene	91-20-3	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PAHs	Phenanthrene	85-01-8	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PAHs	Pyrene	129-00-0	0.007		mg/kg	N	U	EPA 8270 SIM
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PCBs	Aroclor-1016	12674-11-2	0.035		mg/kg	N	U	EPA 8082
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PCBs	Aroclor-1221	11104-28-2	0.035		mg/kg	N	U	EPA 8082
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PCBs	Aroclor-1232	11141-16-5	0.035		mg/kg	N	U	EPA 8082
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PCBs	Aroclor-1242	53469-21-9	0.035		mg/kg	N	U	EPA 8082
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PCBs	Aroclor-1248	12672-29-6	0.035		mg/kg	N	U	EPA 8082
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PCBs	Aroclor-1254	11097-69-1	0.035		mg/kg	N	U	EPA 8082
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PCBs	Aroclor-1260	11096-82-5	0.035		mg/kg	N	U	EPA 8082
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	RAD	Radium-226	Ra-226	1.12	1.12	pCi/g	Y	J-	HASL-300 GAMMA
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	RAD	Radium-228	Ra-228	1.83	1.83	pCi/g	Y	J-	HASL-300 GAMMA
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	SVOCs	1,4-Dioxane	123-91-1	0.07		mg/kg	N	U	EPA 8270
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.35		mg/kg	N	U	EPA 8270
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	SVOCs	Butylbenzylphthalate	85-68-7	0.35		mg/kg	N	U	EPA 8270
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	SVOCs	Diethylphthalate	84-66-2	0.35		mg/kg	N	U	EPA 8270
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	SVOCs	Dimethylphthalate	131-11-3	0.35		mg/kg	N	U	EPA 8270
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	SVOCs	Di-n-butylphthalate	84-74-2	0.35		mg/kg	N	U	EPA 8270
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	SVOCs	Di-n-octylphthalate	117-84-0	0.35		mg/kg	N	U	EPA 8270
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	SVOCs	Hexachlorobutadiene	87-68-3	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	SVOCs	Nitrobenzene	98-95-3	0.35		mg/kg	N	U	EPA 8270
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	SVOCs	Octachlorostyrene	29082-74-4	0.35		mg/kg	N	U	EPA 8270
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	SVOCs	Pyridine	110-86-1	1.7		mg/kg	N	U	EPA 8270
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	TPH	Oil Range Organics	TPH-MOTOR	26		mg/kg	N		EPA 8015B DRO
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	26		mg/kg	N	UJ	EPA 8015B DRO
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.11		mg/kg	N	UJ	EPA 8015B GRO
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	1,1,1-Trichloroethane	71-55-6	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	1,1,2-Trichloroethane	79-00-5	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	1,1-Dichloroethane	75-34-3	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	1,1-Dichloroethene	75-35-4	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	1,1-Dichloropropene	563-58-6	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	1,2,3-Trichloropropane	96-18-4	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	1,2-Dibromoethane	106-93-4	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	1,2-Dichlorobenzene	95-50-1	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	1,2-Dichloroethane	107-06-2	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	1,2-Dichloropropane	78-87-5	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	1,3-Dichlorobenzene	541-73-1	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	1,3-Dichloropropane	142-28-9	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	1,4-Dichlorobenzene	106-46-7	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	2,2-Dichloropropane	594-20-7	0.0053		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	2-Butanone	78-93-3	0.011		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	2-Chlorotoluene	95-49-8	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	2-Hexanone	591-78-6	0.011		mg/kg	N	UJ	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	4-Chlorotoluene	106-43-4	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	4-Methyl-2-pentanone	108-10-1	0.011		mg/kg	N	UJ	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Acetone	67-64-1	0.0045	0.0045	mg/kg	Y	J	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Benzene	71-43-2	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Bromobenzene	108-86-1	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Bromochloromethane	74-97-5	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Bromodichloromethane	75-27-4	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Bromoform	75-25-2	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Bromomethane	74-83-9	0.011		mg/kg	N	UJ	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Carbon tetrachloride	56-23-5	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Chlorobenzene	108-90-7	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Chloroethane	75-00-3	0.0053		mg/kg	N	UJ	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Chloroform	67-66-3	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Chloromethane	74-87-3	0.0053		mg/kg	N	UJ	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Cumene	98-82-8	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Dibromochloromethane	124-48-1	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Dibromomethane	74-95-3	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Dichlorodifluoromethane	75-71-8	0.0053		mg/kg	N	UJ	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Diisopropyl ether	108-20-3	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Ethyl benzene	100-41-4	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Ethyl tert-butyl ether	637-92-3	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Methyl tert-butyl ether	1634-04-4	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Methylene Chloride	75-09-2	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	n-Butylbenzene	104-51-8	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	n-Propylbenzene	103-65-1	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	p-Cymene	99-87-6	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	sec-Butylbenzene	135-98-8	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Styrene	100-42-5	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	t-Amyl methyl ether	994-05-8	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	tert Butyl alcohol	75-65-0	0.0053		mg/kg	N	UJ	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	tert-Butylbenzene	98-06-6	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Tetrachloroethene	127-18-4	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Toluene	108-88-3	0.00036	0.00036	mg/kg	Y	J	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Trichloroethene	79-01-6	0.0053		mg/kg	N	U	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Trichlorofluoromethane	75-69-4	0.0053		mg/kg	N	UJ	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Vinyl chloride	75-01-4	0.0053		mg/kg	N	UJ	EPA 8260
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	VOCs	Xylenes (total)	1330-20-7	0.011		mg/kg	N	U	EPA 8260
DU-2	SSAQ4-02	SSAQ4-02-1BPC	0.5-1.5	N	--	4/9/2010	Metals	Arsenic	7440-38-2	3.3	3.3	mg/kg	Y		EPA 6020
DU-2	SSAQ5-06	SSAQ5-06-1BPC	0-1	N	--	8/9/2010	General Chemistry	Moisture	MOIST	8	8	percent	Y		ASTM 2216
DU-2	SSAQ5-06	SSAQ5-06-1BPC	0-1	N	--	8/9/2010	General Chemistry	Total Solids	RESTOT	92	92	percent	Y		ASTM 2216
DU-2	SSAQ5-06	SSAQ5-06-1BPC	0-1	N	--	8/9/2010	Metals	Arsenic	7440-38-2	3.3	3.3	mg/kg	Y		EPA 6020
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00022	0.00022	mg/kg	Y	J	EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000049	0.0000049	mg/kg	Y	J	EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000056	0.000056	mg/kg	Y	J	EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000027	0.0000027	mg/kg	Y	J	EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000023	0.000023	mg/kg	Y	J	EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000018	0.000018	mg/kg	Y		EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000026	0.00000026	mg/kg	Y	J	EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000074	0.00000074	mg/kg	Y	J	EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000025	0.0000025	mg/kg	Y	J	EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000084	0.00000084	mg/kg	Y	J	EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000084	0.0000084	mg/kg	Y		EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000042	0.00000042	mg/kg	Y	JK	EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000041	0.0000041	mg/kg	Y		EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000049	0.0000049	mg/kg	Y		EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000006	0.000006	mg/kg	Y		EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000026	0.00000026	mg/kg	Y	J	EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	General Chemistry	Moisture	MOIST	7.1	7.1	percent	Y		ASTM 2216
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	General Chemistry	Moisture	MOIST	8.4	8.4	percent	Y		ASTM 2216
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	General Chemistry	Total Solids	RESTOT	92	92	percent	Y		ASTM 2216
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	Metals	Arsenic	7440-38-2	3.9	3.9	mg/kg	Y		EPA 6020
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	OCPs	Hexachlorobenzene	118-74-1	0.031		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.043		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	PAHs	Fluoranthene	206-44-0	0.038		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	PAHs	Naphthalene	91-20-3	0.033		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	PAHs	Pyrene	129-00-0	0.016	0.016	mg/kg	Y	J	EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	SVOCs	1,4-Dioxane	123-91-1	0.07		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.28	0.28	mg/kg	Y	J	EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.046		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	SVOCs	Dimethylphthalate	131-11-3	0.13	0.13	mg/kg	Y	J	EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	SVOCs	Octachlorostyrene	29082-74-4	0.061		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-2	SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	N	--	8/31/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00025	0.00025	mg/kg	Y		EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	N	--	8/31/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000053	0.0000053	mg/kg	Y	J	EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	N	--	8/31/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000064	0.000064	mg/kg	Y		EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	N	--	8/31/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000035	0.0000035	mg/kg	Y		EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	N	--	8/31/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000028	0.000028	mg/kg	Y		EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	N	--	8/31/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000023	0.000023	mg/kg	Y		EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	N	--	8/31/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000038	0.00000038	mg/kg	Y	J	EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	N	--	8/31/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000017	0.000017	mg/kg	Y		EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	N	--	8/31/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000096	0.00000096	mg/kg	Y	J	EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	N	--	8/31/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000003	0.000003	mg/kg	Y		EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	N	--	8/31/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000001	0.000001	mg/kg	Y	J	EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	N	--	8/31/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	N	--	8/31/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000066	0.00000066	mg/kg	Y	J	EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	N	--	8/31/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000043	0.0000043	mg/kg	Y		EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	N	--	8/31/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000057	0.0000057	mg/kg	Y		EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	N	--	8/31/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000077	0.0000077	mg/kg	Y		EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	N	--	8/31/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000027	0.00000027	mg/kg	Y	J	EPA 8290
DU-2	SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	N	--	8/31/2010	General Chemistry	Moisture	MOIST	7.7	7.7	percent	Y		ASTM 2216
DU-2	SSAQ6-01	SSAQ6-01-1BPC	0-0.5	N	--	8/30/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000037	0.000037	mg/kg	Y	J	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-1BPC	0-0.5	N	--	8/30/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000067	0.0000067	mg/kg	Y	J	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-1BPC	0-0.5	N	--	8/30/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000089	0.0000089	mg/kg	Y	J	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-1BPC	0-0.5	N	--	8/30/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000065	0.00000065	mg/kg	Y	J	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-1BPC	0-0.5	N	--	8/30/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000038	0.0000038	mg/kg	Y	J	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-1BPC	0-0.5	N	--	8/30/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000029	0.0000029	mg/kg	Y		EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-1BPC	0-0.5	N	--	8/30/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000001	0.0000001	mg/kg	Y	JK	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-1BPC	0-0.5	N	--	8/30/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000002	0.000002	mg/kg	Y	J	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-1BPC	0-0.5	N	--	8/30/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000026	0.00000026	mg/kg	Y	J	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-1BPC	0-0.5	N	--	8/30/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000005	0.0000005	mg/kg	Y	J	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-1BPC	0-0.5	N	--	8/30/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000019	0.00000019	mg/kg	Y	JK	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-1BPC	0-0.5	N	--	8/30/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000016	0.0000016	mg/kg	Y	J	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-1BPC	0-0.5	N	--	8/30/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000015	0.00000015	mg/kg	Y	JK	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-1BPC	0-0.5	N	--	8/30/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000006	0.0000006	mg/kg	Y	J	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-1BPC	0-0.5	N	--	8/30/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000089	0.00000089	mg/kg	Y	J	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-1BPC	0-0.5	N	--	8/30/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000001	0.000001	mg/kg	Y		EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-1BPC	0-0.5	N	--	8/30/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000012	0.00000012	mg/kg	Y	J	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-1BPC	0-0.5	N	--	8/30/2010	General Chemistry	Moisture	MOIST	7.8	7.8	percent	Y		ASTM 2216
DU-2	SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	N	--	8/30/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000067	0.0000067	mg/kg	Y	J	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	N	--	8/30/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000033	0.0000033	mg/kg	Y	J	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	N	--	8/30/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000017	0.0000017	mg/kg	Y	J	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	N	--	8/30/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000053	0.00000053	mg/kg	Y	JK	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	N	--	8/30/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000076	0.00000076	mg/kg	Y	JK	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	N	--	8/30/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000072	0.00000072	mg/kg	Y	J	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	N	--	8/30/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000000087		mg/kg	N		EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	N	--	8/30/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000004	0.0000004	mg/kg	Y	JK	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	N	--	8/30/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000001	0.0000001	mg/kg	Y	JK	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	N	--	8/30/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000013	0.00000013	mg/kg	Y	JK	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	N	--	8/30/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000000093	0.000000093	mg/kg	Y	J	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	N	--	8/30/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000043	0.00000043	mg/kg	Y	JK	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	N	--	8/30/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000011		mg/kg	N		EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	N	--	8/30/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000016	0.00000016	mg/kg	Y	J	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	N	--	8/30/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000021	0.00000021	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	N	--	8/30/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000036	0.00000036	mg/kg	Y	J	EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	N	--	8/30/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000062		mg/kg	N		EPA 8290
DU-2	SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	N	--	8/30/2010	General Chemistry	Moisture	MOIST	8.3	8.3	percent	Y		ASTM 2216
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Chlorine Oxyanions	Chlorate	14866-68-3	12.2	12.2	mg/kg	Y	J-	EPA 300
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Chlorine Oxyanions	Perchlorate	14797-73-0	1.45	1.45	mg/kg	Y		EPA 314.0
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000012		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000073		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00000039		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000013		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000016		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000011		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000001		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000000096		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000013		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000014		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000001		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000015		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000014		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000001		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000011		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000019		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000096		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	General Chemistry	Bromide	24959-67-9	0.063		mg/kg	N	UJ	EPA 300
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	General Chemistry	Chloride	16887-00-6	818	818	mg/kg	Y		EPA 300
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	General Chemistry	Chlorite	7758-19-2	0.04		mg/kg	N	U	EPA 300.1M
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	General Chemistry	Fluoride	16984-48-8	0.25		mg/kg	N	U	EPA 300
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	General Chemistry	Nitrate	14797-55-8	190.8714286	190.8714286	mg/kg	Y		EPA 300
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	General Chemistry	ortho-Phosphate	11-36-9	1.6		mg/kg	N	UJ	EPA 300
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	General Chemistry	Sulfate	14808-79-8	2260	2260	mg/kg	Y		EPA 300
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Aluminum	7429-90-5	7650	7650	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Antimony	7440-36-0	0.16	0.16	mg/kg	Y	J-	EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Arsenic	7440-38-2	2.6	2.6	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Barium	7440-39-3	184	184	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Beryllium	7440-41-7	0.5	0.5	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Boron	7440-42-8	5.3	5.3	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Cadmium	7440-43-9	0.081	0.081	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Calcium	7440-70-2	22400	22400	mg/kg	Y	J-	EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Chromium (total)	7440-47-3	11.8	11.8	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Chromium VI	18540-29-9	0.16		mg/kg	N	U	EPA 7196A
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Cobalt	7440-48-4	7.3	7.3	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Copper	7440-50-8	14	14	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Iron	7439-89-6	13000	13000	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Lead	7439-92-1	9.6	9.6	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Lithium	7439-93-2	10.5	10.5	mg/kg	Y		EPA 6010
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Magnesium	7439-95-4	7240	7240	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Manganese	7439-96-5	366	366	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Mercury	7439-97-6	0.0118	0.0118	mg/kg	Y	J	EPA 7471
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Molybdenum	7439-98-7	0.57	0.57	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Nickel	7440-02-0	13.7	13.7	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Niobium	7440-03-1	1.5118		mg/kg	N	U	EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Palladium	7440-05-3	0.35	0.35	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Phosphorus (total)	7723-14-0	805	805	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Platinum	7440-06-4	0.02		mg/kg	N	U	EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Potassium	7440-09-7	2120	2120	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Selenium	7782-49-2	0.32		mg/kg	N	U	EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Silicon	7440-21-3	164	164	mg/kg	Y	J+	EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Silver	7440-22-4	0.099	0.099	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Sodium	7440-23-5	690	690	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Strontium	7440-24-6	163	163	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Sulfur	7704-34-9	1290	1290	mg/kg	Y		EPA 6010
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Thallium	7440-28-0	0.16	0.16	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Tin	7440-31-5	0.49	0.49	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Titanium	7440-32-6	568	568	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Tungsten	7440-33-7	0.31	0.31	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Uranium (total)	7440-61-1	0.93	0.93	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Vanadium	7440-62-2	39.1	39.1	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Zinc	7440-66-6	28.8	28.8	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Metals	Zirconium	7440-67-7	22	22	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	2,4'-DDD	53-19-0	0.0091		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	2,4'-DDE	3424-82-6	0.0072		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	4,4'-DDD	72-54-8	0.013		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	4,4'-DDE	72-55-9	0.02		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	4,4'-DDT	50-29-3	0.034		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	Aldrin	309-00-2	0.0071		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	alpha-BHC	319-84-6	0.0078		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	alpha-Chlordane	5103-71-9	0.008		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	beta-BHC	319-85-7	0.028		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	Chlordane (total)	57-74-9	0.18		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	delta-BHC	319-86-8	0.0067		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	Dieldrin	60-57-1	0.0059		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	Endosulfan I	959-98-8	0.0067		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	Endosulfan II	33213-65-9	0.012		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	Endosulfan sulfate	1031-07-8	0.0094		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	Endrin	72-20-8	0.0067		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	Endrin aldehyde	7421-93-4	0.0086		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	Endrin ketone	53494-70-5	0.031		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	gamma-BHC	58-89-9	0.0067		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	gamma-Chlordane	5103-74-2	0.0069		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	Heptachlor	76-44-8	0.048		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	Heptachlor epoxide	1024-57-3	0.0093		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	Hexachlorobenzene	118-74-1	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	Methoxychlor	72-43-5	0.057		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	Toxaphene	8001-35-2	0.58		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	Organics	Phthalic acid	88-99-3	0.25		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	PAHs	2-Methylnaphthalene	91-57-6	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	PAHs	Acenaphthene	83-32-9	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	PAHs	Acenaphthylene	208-96-8	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	PAHs	Anthracene	120-12-7	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(a)anthracene	56-55-3	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(a)pyrene	50-32-8	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(b)fluoranthene	205-99-2	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(g,h,i)perylene	191-24-2	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(k)fluoranthene	207-08-9	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	PAHs	Chrysene	218-01-9	0.08	0.08	mg/kg	Y	J-	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	PAHs	Dibenz(a,h)anthracene	53-70-3	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	PAHs	Fluoranthene	206-44-0	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	PAHs	Fluorene	86-73-7	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	PAHs	Naphthalene	91-20-3	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	PAHs	Phenanthrene	85-01-8	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	PAHs	Pyrene	129-00-0	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	RAD	Radium-226	Ra-226	0.87	0.87	pCi/g	Y		EPA 901.1
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	RAD	Radium-228	Ra-228	1.7	1.7	pCi/g	Y		EPA 901.1
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	RAD	Thorium-228	Th-228	1.77	1.77	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	RAD	Thorium-230	Th-230	1.36	1.36	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	RAD	Thorium-232	Th-232	1.93	1.93	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	RAD	Uranium-234	U-234	0.958	0.958	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	RAD	Uranium-235	U-235	0.05	0.05	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	RAD	Uranium-238	U-238	1.04	1.04	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	1,2,4,5-Tetrachlorobenzene	95-94-3	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	1,2-Diphenylhydrazine	122-66-7	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	1,4-Dioxane	123-91-1	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	2,2'-/4,4'-Dichlorobenzil	DICHLOROBENZIL	0.7		mg/kg	N	U	EPA 8270C
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	2,4-Dichlorophenol	120-83-2	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	2,4-Dimethylphenol	105-67-9	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	2,4-Dinitrophenol	51-28-5	0.33		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	2,4-Dinitrotoluene	121-14-2	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	2,6-Dinitrotoluene	606-20-2	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	2-Chloronaphthalene	91-58-7	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	2-Chlorophenol	95-57-8	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	2-Methylphenol	95-48-7	0.12		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	2-Nitroaniline	88-74-4	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	2-Nitrophenol	88-75-5	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	3&4-Methylphenol	1319-77-3MP	0.067		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	3-Nitroaniline	99-09-2	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chloroaniline	106-47-8	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chlorothioanisole	123-09-1	0.0077		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chlorothiophenol	106-54-7	0.19		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	4-Nitroaniline	100-01-6	0.33		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	4-Nitrophenol	100-02-7	0.33		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Acetophenone	98-86-2	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Aniline	62-53-3	0.034		mg/kg	N	UJ	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Azobenzene	103-33-3	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Benzenethiol	108-98-5	0.12		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Benzoic acid	65-85-0	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Benzyl alcohol	100-51-6	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	bis(2-Chloro-1-methylethyl) ether	108-60-1	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	bis(4-Chlorophenyl) disulfide	1142-19-4	0.2		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	bis(4-Chlorophenyl) sulfone	80-07-9	0.33		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Butylbenzylphthalate	85-68-7	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Carbazole	86-74-8	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Dibenzofuran	132-64-9	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Diethylphthalate	84-66-2	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Dimethylphthalate	131-11-3	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Di-n-butylphthalate	84-74-2	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Diphenyl disulfide	882-33-7	0.029		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Diphenyl sulfide	139-66-2	0.0036		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Diphenyl sulfone	127-63-9	0.0067		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Hexachlorobutadiene	87-68-3	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.33		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Hexachloroethane	67-72-1	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Hydroxymethyl phthalimide	118-29-6	0.044		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Isophorone	78-59-1	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Nitrobenzene	98-95-3	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Octachlorostyrene	29082-74-4	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Pentachlorobenzene	608-93-5	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Pentachlorophenol	87-86-5	0.33		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Phenol	108-95-2	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	SVOCs	Pyridine	110-86-1	0.034		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00023		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,1,1-Trichloroethane	71-55-6	0.00015		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00014		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,1,2-Trichloroethane	79-00-5	0.00029		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,1-Dichloroethane	75-34-3	0.00096		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,1-Dichloroethene	75-35-4	0.00055		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,1-Dichloropropene	563-58-6	0.00029		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00079		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,2,3-Trichloropropane	96-18-4	0.00056		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00074		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00082	0.00082	mg/kg	Y	J	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0009		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dichlorobenzene	95-50-1	0.00015		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dichloroethane	107-06-2	0.00044		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dichloroethene	540-59-0	0.00055		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dichloropropane	78-87-5	0.00038		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,3,5-Trichlorobenzene	108-70-3	0.00068		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00021		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,3-Dichlorobenzene	541-73-1	0.00013		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,3-Dichloropropane	142-28-9	0.00018		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	1,4-Dichlorobenzene	106-46-7	0.00011		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	2,2,3-Trimethylbutane	464-06-2	0.00021		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	2,2-Dichloropropane	594-20-7	0.00017		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	2,2-Dimethylpentane	590-35-2	0.00028		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	2,3-Dimethylpentane	565-59-3	0.00023		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	2,4-Dimethylpentane	108-08-7	0.00019		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	2-Butanone	78-93-3	0.0014		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	2-Chlorotoluene	95-49-8	0.00046		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	2-Hexanone	591-78-6	0.00028		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	2-Methylhexane	591-76-4	0.0002		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	2-Nitropropane	79-46-9	0.0018		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	3,3-Dimethylpentane	562-49-2	0.0002		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	3-Ethylpentane	617-78-7	0.00021		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	3-Methylhexane	589-34-4	0.00014		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	4-Chlorotoluene	106-43-4	0.00089		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	4-Methyl-2-pentanone	108-10-1	0.0016		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Acetone	67-64-1	0.0055	0.0055	mg/kg	Y	J	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Acetonitrile	75-05-8	0.002		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Benzene	71-43-2	0.00017		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Bromobenzene	108-86-1	0.00023		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Bromochloromethane	74-97-5	0.00041		mg/kg	N	UJ	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Bromodichloromethane	75-27-4	0.00034		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Bromoform	75-25-2	0.00025		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Bromomethane	74-83-9	0.00031		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Carbon disulfide	75-15-0	0.00055		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Carbon tetrachloride	56-23-5	0.00091		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Chlorobenzene	108-90-7	0.00013		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Chloroethane	75-00-3	0.00035		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Chloroform	67-66-3	0.00014		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Chloromethane	74-87-3	0.00045		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00043		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00073		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Cumene	98-82-8	0.00018		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Dibromochloromethane	124-48-1	0.00029		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Dibromomethane	74-95-3	0.00035		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Dichlorodifluoromethane	75-71-8	0.00038		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Dimethyl disulfide	624-92-0	0.00021		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Ethanol	64-17-5	0.2		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Ethyl benzene	100-41-4	0.00019		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Freon 113	76-13-1	0.00054		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Iodomethane	74-88-4	0.00026		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	m,p-Xylene	179601-23-1	0.00064	0.00064	mg/kg	Y	J	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Methyl tert-butyl ether	1634-04-4	0.00046		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Methylene Chloride	75-09-2	0.0031	0.0031	mg/kg	Y	J	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	n-Butylbenzene	104-51-8	0.00054		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	n-Heptane	142-82-5	0.00016		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	n-Nonyl aldehyde	124-19-6	0.00089		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	n-Propylbenzene	103-65-1	0.00095		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	o-Xylene	95-47-6	0.00031		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	p-Cymene	99-87-6	0.00024		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	sec-Butylbenzene	135-98-8	0.00025		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Styrene	100-42-5	0.0012		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	tert-Butylbenzene	98-06-6	0.00027		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Tetrachloroethene	127-18-4	0.00028		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Toluene	108-88-3	0.00075	0.00075	mg/kg	Y	J	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00022		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0002		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Trichloroethene	79-01-6	0.00036		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Trichlorofluoromethane	75-69-4	0.00051		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Vinyl acetate	108-05-4	0.00018		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Vinyl chloride	75-01-4	0.00024		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	VOCs	Xylenes (total)	1330-20-7	0.00086		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Chlorine Oxyanions	Chlorate	14866-68-3	1.1		mg/kg	N	UJ	EPA 300
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Chlorine Oxyanions	Perchlorate	14797-73-0	0.892	0.892	mg/kg	Y		EPA 314.0
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000015		mg/kg	N	UJ	EPA 8290
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000012	0.000012	mg/kg	Y	J	EPA 8290
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00000061		mg/kg	N	UJ	EPA 8290
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000026		mg/kg	N	UJ	EPA 8290
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000048		mg/kg	N	UJ	EPA 8290
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000027		mg/kg	N	UJ	EPA 8290
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000021		mg/kg	N	UJ	EPA 8290
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000023		mg/kg	N	UJ	EPA 8290
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000021		mg/kg	N	UJ	EPA 8290
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000026		mg/kg	N	UJ	EPA 8290
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000017		mg/kg	N	UJ	EPA 8290
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000014		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000021		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000025		mg/kg	N	UJ	EPA 8290
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000014		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000025		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000013		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	General Chemistry	Bromide	24959-67-9	0.068		mg/kg	N	UJ	EPA 300
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	General Chemistry	Chloride	16887-00-6	89.8	89.8	mg/kg	Y		EPA 300
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	General Chemistry	Chlorite	7758-19-2	0.04		mg/kg	N	U	EPA 300.1M
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	General Chemistry	Fluoride	16984-48-8	0.27		mg/kg	N	U	EPA 300
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	General Chemistry	Nitrate	14797-55-8	30.55714286	30.55714286	mg/kg	Y		EPA 300
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	General Chemistry	ortho-Phosphate	11-36-9	1.8		mg/kg	N	UJ	EPA 300
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	General Chemistry	Sulfate	14808-79-8	516	516	mg/kg	Y		EPA 300
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Aluminum	7429-90-5	7500	7500	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Antimony	7440-36-0	0.17	0.17	mg/kg	Y	J-	EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Arsenic	7440-38-2	3.9	3.9	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Barium	7440-39-3	176	176	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Beryllium	7440-41-7	0.51	0.51	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Boron	7440-42-8	6.7	6.7	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Cadmium	7440-43-9	0.077	0.077	mg/kg	Y	J	EPA 6020

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Calcium	7440-70-2	29700	29700	mg/kg	Y	J-	EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Chromium (total)	7440-47-3	9	9	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Chromium VI	18540-29-9	0.16		mg/kg	N	U	EPA 7196A
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Cobalt	7440-48-4	5.7	5.7	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Copper	7440-50-8	12.5	12.5	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Iron	7439-89-6	10700	10700	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Lead	7439-92-1	7.9	7.9	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Lithium	7439-93-2	13.3	13.3	mg/kg	Y		EPA 6010
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Magnesium	7439-95-4	7710	7710	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Manganese	7439-96-5	302	302	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Mercury	7439-97-6	0.0165	0.0165	mg/kg	Y	J	EPA 7471
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Molybdenum	7439-98-7	0.59	0.59	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Nickel	7440-02-0	13.6	13.6	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Niobium	7440-03-1	1.5118		mg/kg	N	U	EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Palladium	7440-05-3	0.49	0.49	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Phosphorus (total)	7723-14-0	680	680	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Platinum	7440-06-4	0.02		mg/kg	N	U	EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Potassium	7440-09-7	2380	2380	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Selenium	7782-49-2	0.32		mg/kg	N	U	EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Silicon	7440-21-3	114	114	mg/kg	Y	J+	EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Silver	7440-22-4	0.093	0.093	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Sodium	7440-23-5	807	807	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Strontium	7440-24-6	233	233	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Sulfur	7704-34-9	639	639	mg/kg	Y	J	EPA 6010
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Thallium	7440-28-0	0.18	0.18	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Tin	7440-31-5	0.54	0.54	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Titanium	7440-32-6	457	457	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Tungsten	7440-33-7	0.33	0.33	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Uranium (total)	7440-61-1	1.3	1.3	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Vanadium	7440-62-2	32.8	32.8	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Zinc	7440-66-6	25.1	25.1	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Metals	Zirconium	7440-67-7	20.6	20.6	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	2,4'-DDD	53-19-0	0.0012		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	2,4'-DDE	3424-82-6	0.042	0.042	mg/kg	Y		EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	4,4'-DDD	72-54-8	0.0017		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	4,4'-DDE	72-55-9	0.91	0.91	mg/kg	Y		EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	4,4'-DDT	50-29-3	0.61	0.61	mg/kg	Y		EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	Aldrin	309-00-2	0.00095		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	alpha-BHC	319-84-6	0.001		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	alpha-Chlordane	5103-71-9	0.0011		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	beta-BHC	319-85-7	0.15	0.15	mg/kg	Y		EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	Chlordane (total)	57-74-9	0.025		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	delta-BHC	319-86-8	0.00091		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	Dieldrin	60-57-1	0.00079		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	Endosulfan I	959-98-8	0.00091		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	Endosulfan sulfate	1031-07-8	0.0013		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	Endrin	72-20-8	0.00091		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	Endrin aldehyde	7421-93-4	0.0012		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	Endrin ketone	53494-70-5	0.0042		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	gamma-BHC	58-89-9	0.00091		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	gamma-Chlordane	5103-74-2	0.00093		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	Heptachlor	76-44-8	0.0064		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	Heptachlor epoxide	1024-57-3	0.0013		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	Hexachlorobenzene	118-74-1	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	Methoxychlor	72-43-5	0.0076		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	Toxaphene	8001-35-2	0.078		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	Organics	Phthalic acid	88-99-3	0.27		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	PAHs	2-Methylnaphthalene	91-57-6	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	PAHs	Acenaphthene	83-32-9	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	PAHs	Acenaphthylene	208-96-8	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	PAHs	Anthracene	120-12-7	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(a)anthracene	56-55-3	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(a)pyrene	50-32-8	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(b)fluoranthene	205-99-2	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(g,h,i)perylene	191-24-2	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(k)fluoranthene	207-08-9	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	PAHs	Chrysene	218-01-9	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	PAHs	Dibenz(a,h)anthracene	53-70-3	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	PAHs	Fluoranthene	206-44-0	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	PAHs	Fluorene	86-73-7	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	PAHs	Naphthalene	91-20-3	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	PAHs	Phenanthrene	85-01-8	0.036		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	PAHs	Pyrene	129-00-0	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	RAD	Radium-226	Ra-226	1.06	1.06	pCi/g	Y		EPA 901.1
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	RAD	Radium-228	Ra-228	1.72	1.72	pCi/g	Y		EPA 901.1
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	RAD	Thorium-228	Th-228	2.17	2.17	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	RAD	Thorium-230	Th-230	1.98	1.98	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	RAD	Thorium-232	Th-232	1.65	1.65	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	RAD	Uranium-234	U-234	1.82	1.82	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	RAD	Uranium-235	U-235	0.0962	0.0962	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	RAD	Uranium-238	U-238	1.38	1.38	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	1,2,4,5-Tetrachlorobenzene	95-94-3	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	1,2-Diphenylhydrazine	122-66-7	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	1,4-Dioxane	123-91-1	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	2,2'-/4,4'-Dichlorobenzil	DICHLOROBENZIL	0.07		mg/kg	N	U	EPA 8270C
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	2,4-Dichlorophenol	120-83-2	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	2,4-Dimethylphenol	105-67-9	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	2,4-Dinitrophenol	51-28-5	0.36		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	2,4-Dinitrotoluene	121-14-2	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	2,6-Dinitrotoluene	606-20-2	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	2-Chloronaphthalene	91-58-7	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	2-Chlorophenol	95-57-8	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	2-Methylphenol	95-48-7	0.13		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	2-Nitroaniline	88-74-4	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	2-Nitrophenol	88-75-5	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	3&4-Methylphenol	1319-77-3MP	0.072		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	3-Nitroaniline	99-09-2	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chloroaniline	106-47-8	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chlorothioanisole	123-09-1	0.0083		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chlorothiophenol	106-54-7	0.2		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	4-Nitroaniline	100-01-6	0.36		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	4-Nitrophenol	100-02-7	0.36		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Acetophenone	98-86-2	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Aniline	62-53-3	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Azobenzene	103-33-3	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Benzenethiol	108-98-5	0.13		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Benzoic acid	65-85-0	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Benzyl alcohol	100-51-6	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	bis(2-Chloro-1-methylethyl) ether	108-60-1	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	bis(4-Chlorophenyl) disulfide	1142-19-4	0.22		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	bis(4-Chlorophenyl) sulfone	80-07-9	0.33		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Butylbenzylphthalate	85-68-7	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Carbazole	86-74-8	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Dibenzofuran	132-64-9	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Diethylphthalate	84-66-2	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Dimethylphthalate	131-11-3	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Di-n-butylphthalate	84-74-2	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Diphenyl disulfide	882-33-7	0.031		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Diphenyl sulfide	139-66-2	0.0038		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Diphenyl sulfone	127-63-9	0.0072		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Hexachlorobutadiene	87-68-3	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.36		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Hexachloroethane	67-72-1	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Hydroxymethyl phthalimide	118-29-6	0.047		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Isophorone	78-59-1	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Nitrobenzene	98-95-3	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Octachlorostyrene	29082-74-4	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Pentachlorobenzene	608-93-5	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Pentachlorophenol	87-86-5	0.36		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Phenol	108-95-2	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	SVOCs	Pyridine	110-86-1	0.036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00024		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,1,1-Trichloroethane	71-55-6	0.00016		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00015		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,1,2-Trichloroethane	79-00-5	0.00031		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,1-Dichloroethane	75-34-3	0.001		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,1-Dichloroethene	75-35-4	0.0006		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,1-Dichloropropene	563-58-6	0.00032		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00085		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,2,3-Trichloropropane	96-18-4	0.0006		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0008		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00042	0.00042	mg/kg	Y	J	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00097		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dichlorobenzene	95-50-1	0.00016		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dichloroethane	107-06-2	0.00048		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dichloroethene	540-59-0	0.00059		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dichloropropane	78-87-5	0.00041		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,3,5-Trichlorobenzene	108-70-3	0.00073		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00023		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,3-Dichlorobenzene	541-73-1	0.00014		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,3-Dichloropropane	142-28-9	0.00019		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	1,4-Dichlorobenzene	106-46-7	0.00012		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	2,2,3-Trimethylbutane	464-06-2	0.00023		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	2,2-Dichloropropane	594-20-7	0.00019		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	2,2-Dimethylpentane	590-35-2	0.0003		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	2,3-Dimethylpentane	565-59-3	0.00024		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	2,4-Dimethylpentane	108-08-7	0.00021		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	2-Butanone	78-93-3	0.0015		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	2-Chlorotoluene	95-49-8	0.0005		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	2-Hexanone	591-78-6	0.00031		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	2-Methylhexane	591-76-4	0.00022		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	2-Nitropropane	79-46-9	0.0019		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	3,3-Dimethylpentane	562-49-2	0.00022		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	3-Ethylpentane	617-78-7	0.00023		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	3-Methylhexane	589-34-4	0.00015		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	4-Chlorotoluene	106-43-4	0.00096		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	4-Methyl-2-pentanone	108-10-1	0.0018		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Acetone	67-64-1	0.01	0.01	mg/kg	Y	J	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Acetonitrile	75-05-8	0.0022		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Benzene	71-43-2	0.00018		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Bromobenzene	108-86-1	0.00025		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Bromochloromethane	74-97-5	0.00045		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Bromodichloromethane	75-27-4	0.00036		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Bromoform	75-25-2	0.00027		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Bromomethane	74-83-9	0.00034		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Carbon disulfide	75-15-0	0.0006		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Carbon tetrachloride	56-23-5	0.00098		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Chlorobenzene	108-90-7	0.00013		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Chloroethane	75-00-3	0.00038		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Chloroform	67-66-3	0.00015		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Chloromethane	74-87-3	0.00048		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00047		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00079		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Cumene	98-82-8	0.00019		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Dibromochloromethane	124-48-1	0.00031		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Dibromomethane	74-95-3	0.00038		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Dichlorodifluoromethane	75-71-8	0.00041		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Dimethyl disulfide	624-92-0	0.00023		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Ethanol	64-17-5	0.21		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Ethyl benzene	100-41-4	0.0002		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Freon 113	76-13-1	0.00058		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Iodomethane	74-88-4	0.00028		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	m,p-Xylene	179601-23-1	0.00062		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Methyl tert-butyl ether	1634-04-4	0.0005		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Methylene Chloride	75-09-2	0.0027		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	n-Butylbenzene	104-51-8	0.00058		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	n-Heptane	142-82-5	0.00018		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	n-Nonyl aldehyde	124-19-6	0.00096		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	n-Propylbenzene	103-65-1	0.001		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	o-Xylene	95-47-6	0.00033		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	p-Cymene	99-87-6	0.00026		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	sec-Butylbenzene	135-98-8	0.00027		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Styrene	100-42-5	0.0013		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	tert-Butylbenzene	98-06-6	0.00029		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Tetrachloroethene	127-18-4	0.0003		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Toluene	108-88-3	0.00014		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00024		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00022		mg/kg	N	U	EPA 8260

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Trichloroethene	79-01-6	0.00039		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Trichlorofluoromethane	75-69-4	0.00055		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Vinyl acetate	108-05-4	0.00019		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Vinyl chloride	75-01-4	0.00026		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	VOCs	Xylenes (total)	1330-20-7	0.00093		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Chlorine Oxyanions	Chlorate	14866-68-3	1		mg/kg	N	UJ	EPA 300
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Chlorine Oxyanions	Perchlorate	14797-73-0	0.186	0.186	mg/kg	Y		EPA 314.0
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00000049		mg/kg	N	UJ	EPA 8290
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000018		mg/kg	N	UJ	EPA 8290
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00000038		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000028		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000019		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00000012		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000014		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000011		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000014		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000013		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000013		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000013		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000021		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000013		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000013		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000018		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000001		mg/kg	N	U	EPA 8290
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	General Chemistry	Bromide	24959-67-9	0.065		mg/kg	N	UJ	EPA 300
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	General Chemistry	Chloride	16887-00-6	76.9	76.9	mg/kg	Y		EPA 300
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	General Chemistry	Chlorite	7758-19-2	0.04		mg/kg	N	U	EPA 300.1M
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	General Chemistry	Fluoride	16984-48-8	1.1	1.1	mg/kg	Y		EPA 300
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	General Chemistry	Nitrate	14797-55-8	27.01428571	27.01428571	mg/kg	Y		EPA 300
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	General Chemistry	ortho-Phosphate	11-36-9	1.7		mg/kg	N	UJ	EPA 300
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	General Chemistry	Sulfate	14808-79-8	1550	1550	mg/kg	Y		EPA 300
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Aluminum	7429-90-5	7880	7880	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Antimony	7440-36-0	0.18	0.18	mg/kg	Y	J-	EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Arsenic	7440-38-2	3.6	3.6	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Barium	7440-39-3	148	148	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Beryllium	7440-41-7	0.57	0.57	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Boron	7440-42-8	8.2	8.2	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Cadmium	7440-43-9	0.078	0.078	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Calcium	7440-70-2	19300	19300	mg/kg	Y	J-	EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Chromium (total)	7440-47-3	14.2	14.2	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Chromium VI	18540-29-9	0.16		mg/kg	N	U	EPA 7196A
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Cobalt	7440-48-4	6.9	6.9	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Copper	7440-50-8	14	14	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Iron	7439-89-6	14900	14900	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Lead	7439-92-1	8.9	8.9	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Lithium	7439-93-2	9.9	9.9	mg/kg	Y	J	EPA 6010
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Magnesium	7439-95-4	7190	7190	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Manganese	7439-96-5	286	286	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Mercury	7439-97-6	0.0174	0.0174	mg/kg	Y	J	EPA 7471
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Molybdenum	7439-98-7	0.54	0.54	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Nickel	7440-02-0	14.1	14.1	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Niobium	7440-03-1	1.5118		mg/kg	N	U	EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Palladium	7440-05-3	0.42	0.42	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Phosphorus (total)	7723-14-0	822	822	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Platinum	7440-06-4	0.02		mg/kg	N	U	EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Potassium	7440-09-7	1590	1590	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Selenium	7782-49-2	0.32		mg/kg	N	U	EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Silicon	7440-21-3	117	117	mg/kg	Y	J+	EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Silver	7440-22-4	0.12	0.12	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Sodium	7440-23-5	546	546	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Strontium	7440-24-6	189	189	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Sulfur	7704-34-9	1040	1040	mg/kg	Y		EPA 6010
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Thallium	7440-28-0	0.17	0.17	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Tin	7440-31-5	0.51	0.51	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Titanium	7440-32-6	673	673	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Tungsten	7440-33-7	0.33	0.33	mg/kg	Y	J	EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Uranium (total)	7440-61-1	0.91	0.91	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Vanadium	7440-62-2	51.9	51.9	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Zinc	7440-66-6	29.1	29.1	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Metals	Zirconium	7440-67-7	23.8	23.8	mg/kg	Y		EPA 6020
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	2,4'-DDD	53-19-0	0.00012		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	2,4'-DDE	3424-82-6	0.000092		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	4,4'-DDD	72-54-8	0.00017		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	4,4'-DDE	72-55-9	0.00026		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	4,4'-DDT	50-29-3	0.00044		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	Aldrin	309-00-2	0.000091		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	alpha-BHC	319-84-6	0.000099		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	alpha-Chlordane	5103-71-9	0.0001		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	beta-BHC	319-85-7	0.0018	0.0018	mg/kg	Y		EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	Chlordane (total)	57-74-9	0.0024		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	delta-BHC	319-86-8	0.000086		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	Dieldrin	60-57-1	0.000075		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	Endosulfan I	959-98-8	0.000086		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	Endosulfan II	33213-65-9	0.00015		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	Endosulfan sulfate	1031-07-8	0.00012		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	Endrin	72-20-8	0.000086		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	Endrin aldehyde	7421-93-4	0.00011		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	Endrin ketone	53494-70-5	0.0004		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	gamma-BHC	58-89-9	0.000086		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	gamma-Chlordane	5103-74-2	0.000088		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	Heptachlor	76-44-8	0.00061		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	Heptachlor epoxide	1024-57-3	0.00012		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	Hexachlorobenzene	118-74-1	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	Methoxychlor	72-43-5	0.00073		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	Toxaphene	8001-35-2	0.0074		mg/kg	N	U	EPA 8081
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	Organics	Phthalic acid	88-99-3	0.26		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	PAHs	2-Methylnaphthalene	91-57-6	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	PAHs	Acenaphthene	83-32-9	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	PAHs	Acenaphthylene	208-96-8	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	PAHs	Anthracene	120-12-7	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(a)anthracene	56-55-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(a)pyrene	50-32-8	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(b)fluoranthene	205-99-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(g,h,i)perylene	191-24-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(k)fluoranthene	207-08-9	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	PAHs	Chrysene	218-01-9	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	PAHs	Dibenz(a,h)anthracene	53-70-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	PAHs	Fluoranthene	206-44-0	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	PAHs	Fluorene	86-73-7	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	PAHs	Naphthalene	91-20-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	PAHs	Phenanthrene	85-01-8	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	PAHs	Pyrene	129-00-0	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	RAD	Radium-226	Ra-226	0.914	0.914	pCi/g	Y		EPA 901.1
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	RAD	Radium-228	Ra-228	1.69	1.69	pCi/g	Y		EPA 901.1
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	RAD	Thorium-228	Th-228	1.78	1.78	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	RAD	Thorium-230	Th-230	1.05	1.05	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	RAD	Thorium-232	Th-232	1.9	1.9	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	RAD	Uranium-234	U-234	1.08	1.08	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	RAD	Uranium-235	U-235	0.0245		pCi/g	N	U	DOE EML HASL-300 U MOD
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	RAD	Uranium-238	U-238	0.817	0.817	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	1,2,4,5-Tetrachlorobenzene	95-94-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	1,2-Diphenylhydrazine	122-66-7	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	1,4-Dioxane	123-91-1	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	2,2'-/4,4'-Dichlorobenzil	DICHLOROBENZIL	0.07		mg/kg	N	U	EPA 8270C
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	2,4-Dichlorophenol	120-83-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	2,4-Dimethylphenol	105-67-9	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	2,4-Dinitrophenol	51-28-5	0.34		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	2,4-Dinitrotoluene	121-14-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	2,6-Dinitrotoluene	606-20-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	2-Chloronaphthalene	91-58-7	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	2-Chlorophenol	95-57-8	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	2-Methylphenol	95-48-7	0.12		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	2-Nitroaniline	88-74-4	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	2-Nitrophenol	88-75-5	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	3&4-Methylphenol	1319-77-3MP	0.069		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	3-Nitroaniline	99-09-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chloroaniline	106-47-8	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chlorothioanisole	123-09-1	0.0079		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chlorothiophenol	106-54-7	0.19		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	4-Nitroaniline	100-01-6	0.34		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	4-Nitrophenol	100-02-7	0.34		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Acetophenone	98-86-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Aniline	62-53-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Azobenzene	103-33-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Benzenethiol	108-98-5	0.13		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Benzoic acid	65-85-0	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Benzyl alcohol	100-51-6	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	bis(2-Chloro-1-methylethyl) ether	108-60-1	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	bis(4-Chlorophenyl) disulfide	1142-19-4	0.21		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	bis(4-Chlorophenyl) sulfone	80-07-9	0.33		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Butylbenzylphthalate	85-68-7	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Carbazole	86-74-8	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Dibenzofuran	132-64-9	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Diethylphthalate	84-66-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Dimethylphthalate	131-11-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Di-n-butylphthalate	84-74-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Diphenyl disulfide	882-33-7	0.03		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Diphenyl sulfide	139-66-2	0.0036		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Diphenyl sulfone	127-63-9	0.0069		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Hexachlorobutadiene	87-68-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Hexachloroethane	67-72-1	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Hydroxymethyl phthalimide	118-29-6	0.045		mg/kg	N	UJ	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Isophorone	78-59-1	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Nitrobenzene	98-95-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Octachlorostyrene	29082-74-4	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Pentachlorobenzene	608-93-5	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Pentachlorophenol	87-86-5	0.34		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Phenol	108-95-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	SVOCs	Pyridine	110-86-1	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00023		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,1,1-Trichloroethane	71-55-6	0.00015		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00015		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,1,2-Trichloroethane	79-00-5	0.00029		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,1-Dichloroethane	75-34-3	0.00098		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,1-Dichloroethene	75-35-4	0.00057		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,1-Dichloropropene	563-58-6	0.0003		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0008		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,2,3-Trichloropropane	96-18-4	0.00057		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00076		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00022		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00092		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dichlorobenzene	95-50-1	0.00015		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dichloroethane	107-06-2	0.00045		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dichloroethene	540-59-0	0.00056		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dichloropropane	78-87-5	0.00038		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,3,5-Trichlorobenzene	108-70-3	0.0007		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00022		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,3-Dichlorobenzene	541-73-1	0.00013		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,3-Dichloropropane	142-28-9	0.00018		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	1,4-Dichlorobenzene	106-46-7	0.00011		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	2,2,3-Trimethylbutane	464-06-2	0.00022		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	2,2-Dichloropropane	594-20-7	0.00018		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	2,2-Dimethylpentane	590-35-2	0.00028		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	2,3-Dimethylpentane	565-59-3	0.00023		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	2,4-Dimethylpentane	108-08-7	0.0002		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	2-Butanone	78-93-3	0.0014		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	2-Chlorotoluene	95-49-8	0.00047		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	2-Hexanone	591-78-6	0.00029		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	2-Methylhexane	591-76-4	0.00021		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	2-Nitropropane	79-46-9	0.0018		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	3,3-Dimethylpentane	562-49-2	0.00021		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	3-Ethylpentane	617-78-7	0.00022		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	3-Methylhexane	589-34-4	0.00014		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	4-Chlorotoluene	106-43-4	0.00091		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	4-Methyl-2-pentanone	108-10-1	0.0017		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Acetone	67-64-1	0.0059	0.0059	mg/kg	Y	J	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Acetonitrile	75-05-8	0.002		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Benzene	71-43-2	0.00017		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Bromobenzene	108-86-1	0.00023		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Bromochloromethane	74-97-5	0.00042		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Bromodichloromethane	75-27-4	0.00034		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Bromoform	75-25-2	0.00025		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Bromomethane	74-83-9	0.00032		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Carbon disulfide	75-15-0	0.00057		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Carbon tetrachloride	56-23-5	0.00093		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Chlorobenzene	108-90-7	0.00013		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Chloroethane	75-00-3	0.00036		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Chloroform	67-66-3	0.00015		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Chloromethane	74-87-3	0.00046		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00044		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00075		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Cumene	98-82-8	0.00018		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Dibromochloromethane	124-48-1	0.0003		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Dibromomethane	74-95-3	0.00036		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Dichlorodifluoromethane	75-71-8	0.00039		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Dimethyl disulfide	624-92-0	0.00022		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Ethanol	64-17-5	0.2		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Ethyl benzene	100-41-4	0.00019		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Freon 113	76-13-1	0.00055		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Iodomethane	74-88-4	0.00027		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	m,p-Xylene	179601-23-1	0.00059		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Methyl tert-butyl ether	1634-04-4	0.00047		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Methylene Chloride	75-09-2	0.0026		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	n-Butylbenzene	104-51-8	0.00055		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	n-Heptane	142-82-5	0.00017		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	n-Nonyl aldehyde	124-19-6	0.00091		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	n-Propylbenzene	103-65-1	0.00098		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	o-Xylene	95-47-6	0.00032		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	p-Cymene	99-87-6	0.00025		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	sec-Butylbenzene	135-98-8	0.00025		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Styrene	100-42-5	0.0012		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	tert-Butylbenzene	98-06-6	0.00027		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Tetrachloroethene	127-18-4	0.00028		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Toluene	108-88-3	0.00014		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00023		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00021		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Trichloroethene	79-01-6	0.00037		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Trichlorofluoromethane	75-69-4	0.00052		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Vinyl acetate	108-05-4	0.00018		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Vinyl chloride	75-01-4	0.00024		mg/kg	N	U	EPA 8260
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	VOCs	Xylenes (total)	1330-20-7	0.00088		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Chlorine Oxyanions	Chlorate	14866-68-3	15.5	15.5	mg/kg	Y	J-	EPA 300
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Chlorine Oxyanions	Perchlorate	14797-73-0	3.76	3.76	mg/kg	Y	J	EPA 314.0
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000055	0.0000055	mg/kg	Y	J	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000017		mg/kg	N	UJ	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000022		mg/kg	N	UJ	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000029		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000012		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000019		mg/kg	N	UJ	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000013		mg/kg	N	UJ	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000011		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000017		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000025		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000014		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000017		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000013		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000041		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000011		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000015	0.0000015	mg/kg	Y	J	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000012		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	General Chemistry	Bromide	24959-67-9	0.064		mg/kg	N	UJ	EPA 300
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	General Chemistry	Chloride	16887-00-6	1060	1060	mg/kg	Y		EPA 300
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	General Chemistry	Chlorite	7758-19-2	0.04		mg/kg	N	U	EPA 300.1M
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	General Chemistry	Fluoride	16984-48-8	0.26		mg/kg	N	U	EPA 300
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	General Chemistry	Nitrate	14797-55-8	190.8714286	190.8714286	mg/kg	Y		EPA 300
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	General Chemistry	ortho-Phosphate	11-36-9	1.7		mg/kg	N	UJ	EPA 300
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	General Chemistry	Sulfate	14808-79-8	578	578	mg/kg	Y		EPA 300
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Aluminum	7429-90-5	8470	8470	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Antimony	7440-36-0	0.25	0.25	mg/kg	Y	J-	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Arsenic	7440-38-2	2.9	2.9	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Barium	7440-39-3	185	185	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Beryllium	7440-41-7	0.6	0.6	mg/kg	Y		EPA 6020

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Boron	7440-42-8	10.1	10.1	mg/kg	Y	J	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Cadmium	7440-43-9	0.13	0.13	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Calcium	7440-70-2	25000	25000	mg/kg	Y	J-	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Chromium (total)	7440-47-3	11.7	11.7	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Chromium VI	18540-29-9	0.16		mg/kg	N	U	EPA 7196A
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Cobalt	7440-48-4	7.9	7.9	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Copper	7440-50-8	15.6	15.6	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Iron	7439-89-6	14100	14100	mg/kg	Y	J	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Lead	7439-92-1	10.1	10.1	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Lithium	7439-93-2	14.3	14.3	mg/kg	Y		EPA 6010
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Magnesium	7439-95-4	8910	8910	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Manganese	7439-96-5	393	393	mg/kg	Y	J	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Mercury	7439-97-6	0.0076	0.0076	mg/kg	Y	J	EPA 7471
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Molybdenum	7439-98-7	0.62	0.62	mg/kg	Y	J	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Nickel	7440-02-0	14.7	14.7	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Niobium	7440-03-1	9.2	9.2	mg/kg	Y	J+	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Palladium	7440-05-3	0.44	0.44	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Phosphorus (total)	7723-14-0	1010	1010	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Platinum	7440-06-4	0.02		mg/kg	N	U	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Potassium	7440-09-7	2150	2150	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Selenium	7782-49-2	0.32		mg/kg	N	U	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Silicon	7440-21-3	180	180	mg/kg	Y	J+	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Silver	7440-22-4	0.12	0.12	mg/kg	Y	J	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Sodium	7440-23-5	687	687	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Strontium	7440-24-6	200	200	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Sulfur	7704-34-9	681	681	mg/kg	Y	J	EPA 6010
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Thallium	7440-28-0	0.28	0.28	mg/kg	Y	J	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Tin	7440-31-5	0.63	0.63	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Titanium	7440-32-6	577	577	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Tungsten	7440-33-7	0.73	0.73	mg/kg	Y	J	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Uranium (total)	7440-61-1	1	1	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Vanadium	7440-62-2	41.4	41.4	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Zinc	7440-66-6	30.8	30.8	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Metals	Zirconium	7440-67-7	22.8	22.8	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	2,4'-DDD	53-19-0	0.00012		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	2,4'-DDE	3424-82-6	0.000092		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	4,4'-DDD	72-54-8	0.00017		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	4,4'-DDE	72-55-9	0.0023	0.0023	mg/kg	Y	J	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	4,4'-DDT	50-29-3	0.0034	0.0034	mg/kg	Y	J	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	Aldrin	309-00-2	0.00009		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	alpha-BHC	319-84-6	0.000099		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	alpha-Chlordane	5103-71-9	0.0001		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	beta-BHC	319-85-7	0.0051	0.0051	mg/kg	Y	J	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	Chlordane (total)	57-74-9	0.0023		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	delta-BHC	319-86-8	0.000086		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	Dieldrin	60-57-1	0.000075		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	Endosulfan I	959-98-8	0.000086		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	Endosulfan II	33213-65-9	0.00015		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	Endosulfan sulfate	1031-07-8	0.00012		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	Endrin	72-20-8	0.000086		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	Endrin aldehyde	7421-93-4	0.00011		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	Endrin ketone	53494-70-5	0.0004		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	gamma-BHC	58-89-9	0.000086		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	gamma-Chlordane	5103-74-2	0.000088		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	Heptachlor	76-44-8	0.00061		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	Heptachlor epoxide	1024-57-3	0.00012		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	Hexachlorobenzene	118-74-1	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	Methoxychlor	72-43-5	0.00072		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	Toxaphene	8001-35-2	0.0073		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	Organics	Phthalic acid	88-99-3	0.26		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	PAHs	2-Methylnaphthalene	91-57-6	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	PAHs	Acenaphthene	83-32-9	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	PAHs	Acenaphthylene	208-96-8	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	PAHs	Anthracene	120-12-7	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(a)anthracene	56-55-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(a)pyrene	50-32-8	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(b)fluoranthene	205-99-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(g,h,i)perylene	191-24-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(k)fluoranthene	207-08-9	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	PAHs	Chrysene	218-01-9	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	PAHs	Dibenz(a,h)anthracene	53-70-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	PAHs	Fluoranthene	206-44-0	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	PAHs	Fluorene	86-73-7	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.034		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	PAHs	Naphthalene	91-20-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	PAHs	Phenanthrene	85-01-8	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	PAHs	Pyrene	129-00-0	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	RAD	Radium-226	Ra-226	1.03	1.03	pCi/g	Y		EPA 901.1
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	RAD	Radium-228	Ra-228	1.67	1.67	pCi/g	Y		EPA 901.1
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	RAD	Thorium-228	Th-228	1.69	1.69	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	RAD	Thorium-230	Th-230	1.17	1.17	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	RAD	Thorium-232	Th-232	1.44	1.44	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	RAD	Uranium-234	U-234	0.969	0.969	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	RAD	Uranium-235	U-235	0.071	0.071	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	RAD	Uranium-238	U-238	0.846	0.846	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	1,2,4,5-Tetrachlorobenzene	95-94-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	1,2-Diphenylhydrazine	122-66-7	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	1,4-Dioxane	123-91-1	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	2,2'-/4,4'-Dichlorobenzil	DICHLOROBENZIL	0.07		mg/kg	N	U	EPA 8270C
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	2,4-Dichlorophenol	120-83-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	2,4-Dimethylphenol	105-67-9	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	2,4-Dinitrophenol	51-28-5	0.34		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	2,4-Dinitrotoluene	121-14-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	2,6-Dinitrotoluene	606-20-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	2-Chloronaphthalene	91-58-7	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	2-Chlorophenol	95-57-8	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	2-Methylphenol	95-48-7	0.12		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	2-Nitroaniline	88-74-4	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	2-Nitrophenol	88-75-5	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	3&4-Methylphenol	1319-77-3MP	0.069		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	3-Nitroaniline	99-09-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chloroaniline	106-47-8	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chlorothioanisole	123-09-1	0.0078		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chlorothiophenol	106-54-7	0.19		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	4-Nitroaniline	100-01-6	0.34		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	4-Nitrophenol	100-02-7	0.34		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Acetophenone	98-86-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Aniline	62-53-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Azobenzene	103-33-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Benzenethiol	108-98-5	0.13		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Benzoic acid	65-85-0	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Benzyl alcohol	100-51-6	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	bis(2-Chloro-1-methylethyl) ether	108-60-1	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	bis(4-Chlorophenyl) disulfide	1142-19-4	0.21		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	bis(4-Chlorophenyl) sulfone	80-07-9	0.33		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Butylbenzylphthalate	85-68-7	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Carbazole	86-74-8	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Dibenzofuran	132-64-9	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Diethylphthalate	84-66-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Dimethylphthalate	131-11-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Di-n-butylphthalate	84-74-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Diphenyl disulfide	882-33-7	0.03		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Diphenyl sulfide	139-66-2	0.0036		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Diphenyl sulfone	127-63-9	0.0068		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Hexachlorobutadiene	87-68-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Hexachloroethane	67-72-1	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Hydroxymethyl phthalimide	118-29-6	0.045		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Isophorone	78-59-1	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Nitrobenzene	98-95-3	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Octachlorostyrene	29082-74-4	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Pentachlorobenzene	608-93-5	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Pentachlorophenol	87-86-5	0.34		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Phenol	108-95-2	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	SVOCs	Pyridine	110-86-1	0.034		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00023		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,1,1-Trichloroethane	71-55-6	0.00015		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00015		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,1,2-Trichloroethane	79-00-5	0.00029		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,1-Dichloroethane	75-34-3	0.00098		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,1-Dichloroethene	75-35-4	0.00056		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,1-Dichloropropene	563-58-6	0.0003		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0008		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,2,3-Trichloropropane	96-18-4	0.00057		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00075		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00022		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00092		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dichlorobenzene	95-50-1	0.00015		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dichloroethane	107-06-2	0.00045		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dichloroethene	540-59-0	0.00056		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dichloropropane	78-87-5	0.00038		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,3,5-Trichlorobenzene	108-70-3	0.0007		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00022		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,3-Dichlorobenzene	541-73-1	0.00013		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,3-Dichloropropane	142-28-9	0.00018		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	1,4-Dichlorobenzene	106-46-7	0.00011		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	2,2,3-Trimethylbutane	464-06-2	0.00022		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	2,2-Dichloropropane	594-20-7	0.00018		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	2,2-Dimethylpentane	590-35-2	0.00028		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	2,3-Dimethylpentane	565-59-3	0.00023		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	2,4-Dimethylpentane	108-08-7	0.0002		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	2-Butanone	78-93-3	0.0014		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	2-Chlorotoluene	95-49-8	0.00047		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	2-Hexanone	591-78-6	0.00029		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	2-Methylhexane	591-76-4	0.00021		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	2-Nitropropane	79-46-9	0.0018		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	3,3-Dimethylpentane	562-49-2	0.00021		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	3-Ethylpentane	617-78-7	0.00022		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	3-Methylhexane	589-34-4	0.00014		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	4-Chlorotoluene	106-43-4	0.00091		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	4-Methyl-2-pentanone	108-10-1	0.0017		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Acetone	67-64-1	0.0081	0.0081	mg/kg	Y	J	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Acetonitrile	75-05-8	0.002		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Benzene	71-43-2	0.00017		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Bromobenzene	108-86-1	0.00023		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Bromochloromethane	74-97-5	0.00042		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Bromodichloromethane	75-27-4	0.00034		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Bromoform	75-25-2	0.00025		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Bromomethane	74-83-9	0.00032		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Carbon disulfide	75-15-0	0.00057		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Carbon tetrachloride	56-23-5	0.00093		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Chlorobenzene	108-90-7	0.00013		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Chloroethane	75-00-3	0.00036		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Chloroform	67-66-3	0.00015		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Chloromethane	74-87-3	0.00046		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00044		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00075		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Cumene	98-82-8	0.00018		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Dibromochloromethane	124-48-1	0.0003		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Dibromomethane	74-95-3	0.00036		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Dichlorodifluoromethane	75-71-8	0.00038		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Dimethyl disulfide	624-92-0	0.00022		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Ethanol	64-17-5	0.2		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Ethyl benzene	100-41-4	0.00019		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Freon 113	76-13-1	0.00055		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Iodomethane	74-88-4	0.00026		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	m,p-Xylene	179601-23-1	0.00058		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Methyl tert-butyl ether	1634-04-4	0.00047		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Methylene Chloride	75-09-2	0.0026		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	n-Butylbenzene	104-51-8	0.00055		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	n-Heptane	142-82-5	0.00017		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	n-Nonyl aldehyde	124-19-6	0.00091		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	n-Propylbenzene	103-65-1	0.00097		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	o-Xylene	95-47-6	0.00031		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	p-Cymene	99-87-6	0.00024		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	sec-Butylbenzene	135-98-8	0.00025		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Styrene	100-42-5	0.0012		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	tert-Butylbenzene	98-06-6	0.00027		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Tetrachloroethene	127-18-4	0.00028		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Toluene	108-88-3	0.00013		mg/kg	N	U	EPA 8260

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00023		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00021		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Trichloroethene	79-01-6	0.00037		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Trichlorofluoromethane	75-69-4	0.00052		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Vinyl acetate	108-05-4	0.00018		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Vinyl chloride	75-01-4	0.00024		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	VOCs	Xylenes (total)	1330-20-7	0.00088		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Chlorine Oxyanions	Chlorate	14866-68-3	13.8	13.8	mg/kg	Y	J-	EPA 300
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Chlorine Oxyanions	Perchlorate	14797-73-0	13	13	mg/kg	Y	J	EPA 314.0
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000012	0.000012	mg/kg	Y	J	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00001	0.00001	mg/kg	Y	J	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000047	0.0000047	mg/kg	Y	J	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000011		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000002		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000042	0.0000042	mg/kg	Y	J	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000014		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000024		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000025		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000038		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000026		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000031	0.0000031	mg/kg	Y	J	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000015		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000007		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000016		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000031	0.0000031	mg/kg	Y	J	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000011		mg/kg	N	U	EPA 8290
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	General Chemistry	Bromide	24959-67-9	0.066		mg/kg	N	UJ	EPA 300
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	General Chemistry	Chloride	16887-00-6	863	863	mg/kg	Y		EPA 300
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	General Chemistry	Chlorite	7758-19-2	0.04		mg/kg	N	U	EPA 300.1M
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	General Chemistry	Fluoride	16984-48-8	0.26		mg/kg	N	U	EPA 300
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	General Chemistry	Nitrate	14797-55-8	159.8714286	159.8714286	mg/kg	Y		EPA 300
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	General Chemistry	ortho-Phosphate	11-36-9	1.7		mg/kg	N	UJ	EPA 300
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	General Chemistry	Sulfate	14808-79-8	399	399	mg/kg	Y		EPA 300
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Aluminum	7429-90-5	8650	8650	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Antimony	7440-36-0	0.19	0.19	mg/kg	Y	J-	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Arsenic	7440-38-2	2.4	2.4	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Barium	7440-39-3	156	156	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Beryllium	7440-41-7	0.59	0.59	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Boron	7440-42-8	6.9	6.9	mg/kg	Y	J	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Cadmium	7440-43-9	0.1	0.1	mg/kg	Y	J	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Calcium	7440-70-2	18200	18200	mg/kg	Y	J-	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Chromium (total)	7440-47-3	10.7	10.7	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Chromium VI	18540-29-9	0.16		mg/kg	N	U	EPA 7196A
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Cobalt	7440-48-4	6.8	6.8	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Copper	7440-50-8	13.5	13.5	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Iron	7439-89-6	12800	12800	mg/kg	Y	J	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Lead	7439-92-1	10	10	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Lithium	7439-93-2	10	10	mg/kg	Y	J	EPA 6010
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Magnesium	7439-95-4	8120	8120	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Manganese	7439-96-5	320	320	mg/kg	Y	J	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Mercury	7439-97-6	0.0164	0.0164	mg/kg	Y	J	EPA 7471
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Molybdenum	7439-98-7	0.52	0.52	mg/kg	Y	J	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Nickel	7440-02-0	13	13	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Niobium	7440-03-1	3	3	mg/kg	Y	J	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Palladium	7440-05-3	0.33	0.33	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Phosphorus (total)	7723-14-0	811	811	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Platinum	7440-06-4	0.02		mg/kg	N	U	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Potassium	7440-09-7	2270	2270	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Selenium	7782-49-2	0.32		mg/kg	N	U	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Silicon	7440-21-3	173	173	mg/kg	Y	J+	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Silver	7440-22-4	0.12	0.12	mg/kg	Y	J	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Sodium	7440-23-5	482	482	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Strontium	7440-24-6	151	151	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Sulfur	7704-34-9	498	498	mg/kg	Y	J	EPA 6010
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Thallium	7440-28-0	0.21	0.21	mg/kg	Y	J	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Tin	7440-31-5	0.56	0.56	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Titanium	7440-32-6	546	546	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Tungsten	7440-33-7	0.36	0.36	mg/kg	Y	J	EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Uranium (total)	7440-61-1	0.8	0.8	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Vanadium	7440-62-2	35.5	35.5	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Zinc	7440-66-6	29.8	29.8	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Metals	Zirconium	7440-67-7	21.2	21.2	mg/kg	Y		EPA 6020
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	2,4'-DDD	53-19-0	0.00012		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	2,4'-DDE	3424-82-6	0.0018	0.0018	mg/kg	Y		EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	4,4'-DDD	72-54-8	0.00017		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	4,4'-DDE	72-55-9	0.025	0.025	mg/kg	Y	J	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	4,4'-DDT	50-29-3	0.069	0.069	mg/kg	Y	J	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	Aldrin	309-00-2	0.000093		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	alpha-BHC	319-84-6	0.0001		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	alpha-Chlordane	5103-71-9	0.00011		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	beta-BHC	319-85-7	0.018	0.018	mg/kg	Y	J	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	Chlordane (total)	57-74-9	0.0024		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	delta-BHC	319-86-8	0.000088		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	Dieldrin	60-57-1	0.000077		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	Endosulfan I	959-98-8	0.000088		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	Endosulfan II	33213-65-9	0.00015		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	Endosulfan sulfate	1031-07-8	0.00012		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	Endrin	72-20-8	0.000088		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	Endrin aldehyde	7421-93-4	0.00011		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	Endrin ketone	53494-70-5	0.00041		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	gamma-BHC	58-89-9	0.000088		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	gamma-Chlordane	5103-74-2	0.00009		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	Heptachlor	76-44-8	0.00062		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	Heptachlor epoxide	1024-57-3	0.00012		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	Hexachlorobenzene	118-74-1	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	Methoxychlor	72-43-5	0.00074		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	Toxaphene	8001-35-2	0.0075		mg/kg	N	U	EPA 8081
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	Organics	Phthalic acid	88-99-3	0.26		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	PAHs	2-Methylnaphthalene	91-57-6	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	PAHs	Acenaphthene	83-32-9	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	PAHs	Acenaphthylene	208-96-8	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	PAHs	Anthracene	120-12-7	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	PAHs	Benzo(a)anthracene	56-55-3	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	PAHs	Benzo(a)pyrene	50-32-8	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	PAHs	Benzo(b)fluoranthene	205-99-2	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	PAHs	Benzo(g,h,i)perylene	191-24-2	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	PAHs	Benzo(k)fluoranthene	207-08-9	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	PAHs	Chrysene	218-01-9	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	PAHs	Dibenz(a,h)anthracene	53-70-3	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	PAHs	Fluoranthene	206-44-0	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	PAHs	Fluorene	86-73-7	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	PAHs	Naphthalene	91-20-3	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	PAHs	Phenanthrene	85-01-8	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	PAHs	Pyrene	129-00-0	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	RAD	Radium-226	Ra-226	1.02	1.02	pCi/g	Y		EPA 901.1
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	RAD	Radium-228	Ra-228	1.97	1.97	pCi/g	Y		EPA 901.1
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	RAD	Thorium-228	Th-228	1.66	1.66	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	RAD	Thorium-230	Th-230	1.1	1.1	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	RAD	Thorium-232	Th-232	1.22	1.22	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	RAD	Uranium-234	U-234	1	1	pCi/g	Y		DOE EML HASL-300 U MOD
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	RAD	Uranium-235	U-235	0.0362		pCi/g	N	U	DOE EML HASL-300 U MOD
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	RAD	Uranium-238	U-238	0.976	0.976	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	1,2,4,5-Tetrachlorobenzene	95-94-3	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	1,2-Diphenylhydrazine	122-66-7	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	1,4-Dioxane	123-91-1	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	2,2'-/4,4'-Dichlorobenzil	DICHLOROBENZIL	0.07		mg/kg	N	U	EPA 8270C
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	2,4-Dichlorophenol	120-83-2	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	2,4-Dimethylphenol	105-67-9	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	2,4-Dinitrophenol	51-28-5	0.35		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	2,4-Dinitrotoluene	121-14-2	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	2,6-Dinitrotoluene	606-20-2	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	2-Chloronaphthalene	91-58-7	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	2-Chlorophenol	95-57-8	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	2-Methylphenol	95-48-7	0.13		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	2-Nitroaniline	88-74-4	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	2-Nitrophenol	88-75-5	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	3&4-Methylphenol	1319-77-3MP	0.07		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	3-Nitroaniline	99-09-2	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	4-Chloroaniline	106-47-8	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	4-Chlorothioanisole	123-09-1	0.008		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	4-Chlorothiophenol	106-54-7	0.2		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	4-Nitroaniline	100-01-6	0.35		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	4-Nitrophenol	100-02-7	0.35		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Acetophenone	98-86-2	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Aniline	62-53-3	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Azobenzene	103-33-3	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Benzenethiol	108-98-5	0.13		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Benzoic acid	65-85-0	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Benzyl alcohol	100-51-6	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	bis(2-Chloro-1-methylethyl) ether	108-60-1	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	bis(4-Chlorophenyl) disulfide	1142-19-4	0.21		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	bis(4-Chlorophenyl) sulfone	80-07-9	0.33		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Butylbenzylphthalate	85-68-7	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Carbazole	86-74-8	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Dibenzofuran	132-64-9	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Diethylphthalate	84-66-2	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Dimethylphthalate	131-11-3	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Di-n-butylphthalate	84-74-2	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Diphenyl disulfide	882-33-7	0.03		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Diphenyl sulfide	139-66-2	0.0037		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Diphenyl sulfone	127-63-9	0.007		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Hexachlorobutadiene	87-68-3	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.35		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Hexachloroethane	67-72-1	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Hydroxymethyl phthalimide	118-29-6	0.046		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Isophorone	78-59-1	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Nitrobenzene	98-95-3	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Octachlorostyrene	29082-74-4	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Pentachlorobenzene	608-93-5	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Phenol	108-95-2	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	SVOCs	Pyridine	110-86-1	0.035		mg/kg	N	U	EPA 8270
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00024		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,1,1-Trichloroethane	71-55-6	0.00015		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00015		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,1,2-Trichloroethane	79-00-5	0.0003		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,1-Dichloroethane	75-34-3	0.001		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,1-Dichloroethene	75-35-4	0.00058		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,1-Dichloropropene	563-58-6	0.00031		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00082		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,2,3-Trichloropropane	96-18-4	0.00059		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00078		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00023		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00094		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,2-Dichlorobenzene	95-50-1	0.00016		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,2-Dichloroethane	107-06-2	0.00046		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,2-Dichloroethene	540-59-0	0.00057		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,2-Dichloropropane	78-87-5	0.00039		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,3,5-Trichlorobenzene	108-70-3	0.00071		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00022		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,3-Dichlorobenzene	541-73-1	0.00014		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,3-Dichloropropane	142-28-9	0.00019		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	1,4-Dichlorobenzene	106-46-7	0.00011		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	2,2,3-Trimethylbutane	464-06-2	0.00022		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	2,2-Dichloropropane	594-20-7	0.00018		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	2,2-Dimethylpentane	590-35-2	0.00029		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	2,3-Dimethylpentane	565-59-3	0.00024		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	2,4-Dimethylpentane	108-08-7	0.0002		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	2-Butanone	78-93-3	0.0014		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	2-Chlorotoluene	95-49-8	0.00048		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	2-Hexanone	591-78-6	0.0003		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	2-Methylhexane	591-76-4	0.00021		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	2-Nitropropane	79-46-9	0.0018		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	3,3-Dimethylpentane	562-49-2	0.00021		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	3-Ethylpentane	617-78-7	0.00022		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	3-Methylhexane	589-34-4	0.00015		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	4-Chlorotoluene	106-43-4	0.00093		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	4-Methyl-2-pentanone	108-10-1	0.0017		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Acetone	67-64-1	0.0064	0.0064	mg/kg	Y	J	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Acetonitrile	75-05-8	0.0021		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Benzene	71-43-2	0.00018		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Bromobenzene	108-86-1	0.00024		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Bromochloromethane	74-97-5	0.00043		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Bromodichloromethane	75-27-4	0.00035		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Bromoform	75-25-2	0.00026		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Bromomethane	74-83-9	0.00033		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Carbon disulfide	75-15-0	0.00058		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Carbon tetrachloride	56-23-5	0.00096		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Chlorobenzene	108-90-7	0.00013		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Chloroethane	75-00-3	0.00037		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Chloroform	67-66-3	0.00015		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Chloromethane	74-87-3	0.00047		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00045		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00077		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Cumene	98-82-8	0.00019		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Dibromochloromethane	124-48-1	0.0003		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Dibromomethane	74-95-3	0.00037		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Dichlorodifluoromethane	75-71-8	0.0004		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Dimethyl disulfide	624-92-0	0.00023		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Ethanol	64-17-5	0.21		mg/kg	N	UJ	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Ethyl benzene	100-41-4	0.0002		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Freon 113	76-13-1	0.00057		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Iodomethane	74-88-4	0.00027		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	m,p-Xylene	179601-23-1	0.0006		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Methyl tert-butyl ether	1634-04-4	0.00049		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Methylene Chloride	75-09-2	0.0026		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	n-Butylbenzene	104-51-8	0.00056		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	n-Heptane	142-82-5	0.00017		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	n-Nonyl aldehyde	124-19-6	0.00093		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	n-Propylbenzene	103-65-1	0.001		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	o-Xylene	95-47-6	0.00032		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	p-Cymene	99-87-6	0.00025		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	sec-Butylbenzene	135-98-8	0.00026		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Styrene	100-42-5	0.0013		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	tert-Butylbenzene	98-06-6	0.00028		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Tetrachloroethene	127-18-4	0.00029		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Toluene	108-88-3	0.00014		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00023		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00021		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Trichloroethene	79-01-6	0.00038		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Trichlorofluoromethane	75-69-4	0.00053		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Vinyl acetate	108-05-4	0.00019		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Vinyl chloride	75-01-4	0.00025		mg/kg	N	U	EPA 8260
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	VOCs	Xylenes (total)	1330-20-7	0.00091		mg/kg	N	U	EPA 8260
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00025	0.00025	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000024	0.000024	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000087	0.000087	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000008	0.000008	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000046	0.000046	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000028	0.000028	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000012	0.0000012	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000025	0.000025	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000024	0.0000024	mg/kg	Y	JK	EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000048	0.0000048	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000013	0.0000013	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000022	0.000022	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000019	0.0000019	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000065	0.0000065	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000012	0.000012	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000064	0.00000064	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	General Chemistry	Moisture	MOIST	7.2	7.2	percent	Y		ASTM 2216
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	General Chemistry	Moisture	MOIST	9.1	9.1	percent	Y		ASTM 2216
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	General Chemistry	Total Solids	RESTOT	91	91	percent	Y		ASTM 2216
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	Metals	Arsenic	7440-38-2	3.4	3.4	mg/kg	Y		EPA 6020
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	OCPs	Hexachlorobenzene	118-74-1	0.031		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	PAHs	2-Methylnaphthalene	91-57-6	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	PAHs	Benzo(a)anthracene	56-55-3	0.022		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	PAHs	Benzo(a)pyrene	50-32-8	0.022		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.043		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	PAHs	Fluoranthene	206-44-0	0.039		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	PAHs	Naphthalene	91-20-3	0.034		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	SVOCs	1,4-Dioxane	123-91-1	0.071		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.05		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.047		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	SVOCs	Octachlorostyrene	29082-74-4	0.062		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00034	0.00034	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00003	0.00003	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00012	0.00012	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000011	0.000011	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000061	0.000061	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000044	0.000044	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000016	0.0000016	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000039	0.000039	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000037	0.0000037	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000056	0.0000056	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000018	0.0000018	mg/kg	Y	JK	EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000029	0.000029	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000026	0.0000026	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000011	0.000011	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000015	0.000015	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000078	0.00000078	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	General Chemistry	Moisture	MOIST	7.8	7.8	percent	Y		ASTM 2216
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	General Chemistry	Moisture	MOIST	8.7	8.7	percent	Y		ASTM 2216
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	General Chemistry	Total Solids	RESTOT	91	91	percent	Y		ASTM 2216
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	Metals	Arsenic	7440-38-2	3.2	3.2	mg/kg	Y		EPA 6020
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	OCPs	Hexachlorobenzene	118-74-1	0.03		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.027		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.016		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.041		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	PAHs	Fluoranthene	206-44-0	0.037		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	SVOCs	1,4-Dioxane	123-91-1	0.068		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.047		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.044		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	SVOCs	Octachlorostyrene	29082-74-4	0.059		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00086	0.00086	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000045	0.000045	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00031	0.00031	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000026	0.000026	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00016	0.00016	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00013	0.00013	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000032	0.0000032	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000087	0.000087	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000073	0.0000073	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000015	0.000015	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000083	0.0000083	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000062	0.000062	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000053	0.0000053	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000019	0.000019	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000029	0.000029	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000034	0.000034	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000019	0.0000019	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	General Chemistry	Moisture	MOIST	6.5	6.5	percent	Y		ASTM 2216
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	General Chemistry	Moisture	MOIST	7.9	7.9	percent	Y		ASTM 2216
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	General Chemistry	Total Solids	RESTOT	92	92	percent	Y		ASTM 2216
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	Metals	Arsenic	7440-38-2	3.5	3.5	mg/kg	Y		EPA 6020
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	OCPs	Hexachlorobenzene	118-74-1	0.03		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.027		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.041		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	PAHs	Fluoranthene	206-44-0	0.037		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	SVOCs	1,4-Dioxane	123-91-1	0.068		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.048		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.045		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	SVOCs	Octachlorostyrene	29082-74-4	0.059		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0015	0.0015	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000049	0.000049	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00054	0.00054	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000042	0.000042	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00034	0.00034	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00024	0.00024	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000051	0.0000051	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00017	0.00017	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000039	0.000039	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000094	0.0000094	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000034	0.000034	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000042	0.000042	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000062	0.000062	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000027	0.0000027	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	General Chemistry	Moisture	MOIST	7.7	7.7	percent	Y		ASTM 2216
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	General Chemistry	Moisture	MOIST	7	7	percent	Y		ASTM 2216
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	General Chemistry	Total Solids	RESTOT	92	92	percent	Y		ASTM 2216
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	Metals	Arsenic	7440-38-2	3.2	3.2	mg/kg	Y		EPA 6020
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	OCPs	Hexachlorobenzene	118-74-1	0.03		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.027		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.016		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.041		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	PAHs	Fluoranthene	206-44-0	0.037		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	SVOCs	1,4-Dioxane	123-91-1	0.068		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.047		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.044		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	SVOCs	Octachlorostyrene	29082-74-4	0.058		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0006	0.0006	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00002	0.00002	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00022	0.00022	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000018	0.000018	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00013	0.00013	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000028	0.0000028	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000068	0.000068	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000059	0.0000059	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00002	0.00002	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000065	0.0000065	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00005	0.00005	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000045	0.0000045	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000015	0.000015	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000031	0.000031	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000014	0.0000014	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	General Chemistry	Moisture	MOIST	6.2	6.2	percent	Y		ASTM 2216
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	General Chemistry	Moisture	MOIST	7.4	7.4	percent	Y		ASTM 2216
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	General Chemistry	Total Solids	RESTOT	93	93	percent	Y		ASTM 2216
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	Metals	Arsenic	7440-38-2	3	3	mg/kg	Y		EPA 6020
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	OCPs	Hexachlorobenzene	118-74-1	0.031		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	PAHs	2-Methylnaphthalene	91-57-6	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	PAHs	Benzo(a)anthracene	56-55-3	0.022		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	PAHs	Benzo(a)pyrene	50-32-8	0.022		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.043		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	PAHs	Fluoranthene	206-44-0	0.039		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	PAHs	Naphthalene	91-20-3	0.033		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	SVOCs	1,4-Dioxane	123-91-1	0.071		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.05		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.046		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	SVOCs	Octachlorostyrene	29082-74-4	0.062		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000054	0.000054	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000013	0.000013	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000024	0.0000024	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000024	0.0000024	mg/kg	Y	JK	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000013	0.000013	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000077	0.0000077	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000037	0.00000037	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000076	0.0000076	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000081	0.00000081	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000017	0.0000017	mg/kg	Y	JK	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000054	0.00000054	mg/kg	Y	JK	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000059	0.0000059	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000055	0.00000055	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000019	0.0000019	mg/kg	Y	JK	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000003	0.000003	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000072	0.0000072	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000084		mg/kg	N		EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	General Chemistry	Moisture	MOIST	9.5	9.5	percent	Y		ASTM 2216
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	General Chemistry	Moisture	MOIST	7.4	7.4	percent	Y		ASTM 2216
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	General Chemistry	Total Solids	RESTOT	91	91	percent	Y		ASTM 2216
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	Metals	Arsenic	7440-38-2	2.8	2.8	mg/kg	Y		EPA 6020
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	OCPs	Hexachlorobenzene	118-74-1	0.031		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	PAHs	2-Methylnaphthalene	91-57-6	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	PAHs	Benzo(a)anthracene	56-55-3	0.022		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	PAHs	Benzo(a)pyrene	50-32-8	0.022		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.043		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	PAHs	Fluoranthene	206-44-0	0.039		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	PAHs	Naphthalene	91-20-3	0.034		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	SVOCs	1,4-Dioxane	123-91-1	0.071		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.05		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.047		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	SVOCs	Octachlorostyrene	29082-74-4	0.062		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00017	0.00017	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000012	0.000012	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000073	0.000073	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000062	0.0000062	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000047	0.000047	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000027	0.000027	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000071	0.00000071	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000024	0.000024	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000018	0.0000018	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000058	0.0000058	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000002	0.000002	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000015	0.000015	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000014	0.0000014	mg/kg	Y	JK	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000057	0.0000057	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000073	0.0000073	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000044	0.00000044	mg/kg	Y	JK	EPA 8290
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	General Chemistry	Moisture	MOIST	9.4	9.4	percent	Y		ASTM 2216
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	General Chemistry	Moisture	MOIST	6.8	6.8	percent	Y		ASTM 2216
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	General Chemistry	Total Solids	RESTOT	91	91	percent	Y		ASTM 2216
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	Metals	Arsenic	7440-38-2	3.2	3.2	mg/kg	Y		EPA 6020
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	OCPs	Hexachlorobenzene	118-74-1	0.03		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.027		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.042		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	PAHs	Fluoranthene	206-44-0	0.038		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	SVOCs	1,4-Dioxane	123-91-1	0.069		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.048		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.045		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	SVOCs	Octachlorostyrene	29082-74-4	0.06		mg/kg	N		EPA 8270C
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0042	0.0042	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00023	0.00023	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0014	0.0014	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00011	0.00011	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00059	0.00059	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00046	0.00046	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000019	0.000019	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00038	0.00038	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000034	0.000034	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000081	0.000081	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000027	0.000027	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00029	0.00029	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000025	0.000025	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00008	0.00008	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00015	0.00015	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000073	0.0000073	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	General Chemistry	Moisture	MOIST	7.6	7.6	percent	Y		ASTM 2216
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	General Chemistry	Moisture	MOIST	6.9	6.9	percent	Y		ASTM 2216
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	General Chemistry	Total Solids	RESTOT	92	92	percent	Y		ASTM 2216
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	Metals	Arsenic	7440-38-2	4	4	mg/kg	Y		EPA 6020
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	OCPs	Hexachlorobenzene	118-74-1	0.16	0.16	mg/kg	Y	J	EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.027		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.042		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	PAHs	Fluoranthene	206-44-0	0.037		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	SVOCs	1,4-Dioxane	123-91-1	0.069		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.048		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.045		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	SVOCs	Octachlorostyrene	29082-74-4	0.059		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0017	0.0017	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00018	0.00018	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00071	0.00071	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000065	0.000065	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00028	0.00028	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00027	0.00027	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000095	0.0000095	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00022	0.00022	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000019	0.000019	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000034	0.000034	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000017	0.000017	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00015	0.00015	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000013	0.000013	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000063	0.000063	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00008	0.00008	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000004	0.000004	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	General Chemistry	Moisture	MOIST	8.2	8.2	percent	Y		ASTM 2216
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	General Chemistry	Moisture	MOIST	7.1	7.1	percent	Y		ASTM 2216
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	General Chemistry	Total Solids	RESTOT	92	92	percent	Y		ASTM 2216
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	Metals	Arsenic	7440-38-2	3.5	3.5	mg/kg	Y		EPA 6020
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	OCPs	Hexachlorobenzene	118-74-1	0.075	0.075	mg/kg	Y	J	EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.043		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	PAHs	Fluoranthene	206-44-0	0.038		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	PAHs	Naphthalene	91-20-3	0.033		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	SVOCs	1,4-Dioxane	123-91-1	0.07		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.049		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.046		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	SVOCs	Octachlorostyrene	29082-74-4	0.061		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0021	0.0021	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0002	0.0002	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00083	0.00083	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000076	0.000076	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00034	0.00034	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0003	0.0003	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00023	0.00023	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000022	0.000022	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000032	0.000032	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000019	0.000019	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00016	0.00016	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000058	0.000058	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00009	0.00009	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000041	0.0000041	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	General Chemistry	Moisture	MOIST	9.8	9.8	percent	Y		ASTM 2216
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	General Chemistry	Moisture	MOIST	8.6	8.6	percent	Y		ASTM 2216
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	General Chemistry	Total Solids	RESTOT	90	90	percent	Y		ASTM 2216
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	Metals	Arsenic	7440-38-2	4	4	mg/kg	Y		EPA 6020
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	OCPs	Hexachlorobenzene	118-74-1	0.11	0.11	mg/kg	Y	J	EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	PAHs	2-Methylnaphthalene	91-57-6	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	PAHs	Benzo(a)anthracene	56-55-3	0.022		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	PAHs	Benzo(a)pyrene	50-32-8	0.022		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.043		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	PAHs	Fluoranthene	206-44-0	0.039		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	PAHs	Fluorene	86-73-7	0.02		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	PAHs	Naphthalene	91-20-3	0.034		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	SVOCs	1,4-Dioxane	123-91-1	0.072		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.05		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.047		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	SVOCs	Diethylphthalate	84-66-2	0.028		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.032		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	SVOCs	Octachlorostyrene	29082-74-4	0.062		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00059	0.00059	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000049	0.000049	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00028	0.00028	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000022	0.000022	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000096	0.000096	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000038	0.0000038	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000065	0.000065	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000007	0.000007	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000098	0.0000098	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000056	0.0000056	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000053	0.000053	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000045	0.0000045	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000021	0.000021	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000029	0.000029	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000033	0.000033	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000014	0.0000014	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	General Chemistry	Moisture	MOIST	5.5	5.5	percent	Y		ASTM 2216
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	General Chemistry	Moisture	MOIST	7.8	7.8	percent	Y		ASTM 2216
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	General Chemistry	Total Solids	RESTOT	92	92	percent	Y		ASTM 2216
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	Metals	Arsenic	7440-38-2	3.3	3.3	mg/kg	Y		EPA 6020
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	OCPs	Hexachlorobenzene	118-74-1	0.037	0.037	mg/kg	Y	J	EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.027		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.041		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	PAHs	Fluoranthene	206-44-0	0.037		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	SVOCs	1,4-Dioxane	123-91-1	0.068		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.048		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.044		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	SVOCs	Octachlorostyrene	29082-74-4	0.059		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00066	0.00066	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000064	0.000064	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00031	0.00031	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000025	0.000025	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0001	0.0001	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000043	0.0000043	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000069	0.000069	mg/kg	Y		EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000079	0.0000079	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000066	0.0000066	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00006	0.00006	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000051	0.0000051	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000025	0.000025	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000033	0.000033	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000038	0.000038	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000016	0.0000016	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	General Chemistry	Moisture	MOIST	7.7	7.7	percent	Y		ASTM 2216
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	General Chemistry	Moisture	MOIST	6.5	6.5	percent	Y		ASTM 2216
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	General Chemistry	Total Solids	RESTOT	92	92	percent	Y		ASTM 2216
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	Metals	Arsenic	7440-38-2	3.4	3.4	mg/kg	Y		EPA 6020
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	OCPs	Hexachlorobenzene	118-74-1	0.079	0.079	mg/kg	Y	J	EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.042		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	PAHs	Fluoranthene	206-44-0	0.038		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	PAHs	Naphthalene	91-20-3	0.033		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	SVOCs	1,4-Dioxane	123-91-1	0.069		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.048		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.045		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	SVOCs	Octachlorostyrene	29082-74-4	0.06		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0014	0.0014	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00065	0.00065	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000053	0.000053	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00025	0.00025	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00023	0.00023	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000079	0.0000079	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00015	0.00015	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000016	0.000016	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000022	0.000022	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00005	0.00005	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000073	0.000073	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000097	0.000097	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000032	0.0000032	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	General Chemistry	Moisture	MOIST	8.4	8.4	percent	Y		ASTM 2216
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	General Chemistry	Moisture	MOIST	7.4	7.4	percent	Y		ASTM 2216
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	General Chemistry	Total Solids	RESTOT	92	92	percent	Y		ASTM 2216
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	Metals	Arsenic	7440-38-2	3.9	3.9	mg/kg	Y		EPA 6020
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	OCPs	Hexachlorobenzene	118-74-1	0.082	0.082	mg/kg	Y	J	EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.028		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.042		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	PAHs	Chrysene	218-01-9	0.029		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	PAHs	Fluoranthene	206-44-0	0.038		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	PAHs	Naphthalene	91-20-3	0.033		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	SVOCs	1,4-Dioxane	123-91-1	0.07		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.049		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.045		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.031		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	SVOCs	Octachlorostyrene	29082-74-4	0.06		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0012	0.0012	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000089	0.000089	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00042	0.00042	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000035	0.000035	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00024	0.00024	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00016	0.00016	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000065	0.0000065	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000012	0.000012	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000025	0.000025	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000008	0.000008	mg/kg	Y	J	EPA 8290
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00012	0.00012	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00001	0.00001	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000024	0.000024	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00006	0.00006	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000072	0.000072	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000033	0.0000033	mg/kg	Y		EPA 8290
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	General Chemistry	Moisture	MOIST	11	11	percent	Y		ASTM 2216
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	General Chemistry	Moisture	MOIST	9.6	9.6	percent	Y		ASTM 2216
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	General Chemistry	Total Solids	RESTOT	89	89	percent	Y		ASTM 2216
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	Metals	Arsenic	7440-38-2	4.6	4.6	mg/kg	Y		EPA 6020
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	OCPs	Hexachlorobenzene	118-74-1	0.11	0.11	mg/kg	Y	J	EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	PAHs	2-Methylnaphthalene	91-57-6	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	PAHs	Acenaphthylene	208-96-8	0.019		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	PAHs	Anthracene	120-12-7	0.019		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	PAHs	Benzo(a)anthracene	56-55-3	0.022		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	PAHs	Benzo(a)pyrene	50-32-8	0.022		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.029		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.018		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.044		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	PAHs	Chrysene	218-01-9	0.03		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.021		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	PAHs	Fluoranthene	206-44-0	0.04		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	PAHs	Fluorene	86-73-7	0.02		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.024		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	PAHs	Naphthalene	91-20-3	0.034		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	PAHs	Phenanthrene	85-01-8	0.019		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	SVOCs	1,4-Dioxane	123-91-1	0.073		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.051		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.047		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	SVOCs	Diethylphthalate	84-66-2	0.029		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	SVOCs	Dimethylphthalate	131-11-3	0.025		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.032		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	SVOCs	Nitrobenzene	98-95-3	0.024		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	SVOCs	Octachlorostyrene	29082-74-4	0.063		mg/kg	N		EPA 8270C
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Chlorine Oxyanions	Chlorate	14866-68-3	1.98	1.98	mg/kg	Y		EPA 300.1M
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	0.617	0.617	mg/kg	Y		EPA 314.0M
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	758	758	mg/kg	Y		SM 2320B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	General Chemistry	Ammonia	7664-41-7	0.097273448		mg/kg	N		EPA 350.1
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	General Chemistry	Carbonate as CO3	3812-32-6	54	54	mg/kg	Y		SM 2320B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	General Chemistry	Chloride	16887-00-6	36.7	36.7	mg/kg	Y	J+	EPA 9056
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	General Chemistry	Hydrogen carbonate	71-52-3	703	703	mg/kg	Y		SM 2320B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	General Chemistry	Methylene Blue Active Substances	MBAS	2.2		mg/kg	N	UJ	SM 5540C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	General Chemistry	Moisture	MOIST	7.7	7.7	percent	Y		EPA 3550C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	General Chemistry	Nitrate	14797-55-8	3.852857143	3.852857143	mg/kg	Y	J+	EPA 9056
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	General Chemistry	pH	PH	9.88	9.88	SU	Y		EPA 9045D
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	General Chemistry	Sulfate	14808-79-8	68	68	mg/kg	Y	J+	EPA 9056
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	General Chemistry	Total Organic Carbon	TOC	590	590	mg/kg	Y		LLOYD KAHN
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Aluminum	7429-90-5	5560	5560	mg/kg	Y		EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Arsenic	7440-38-2	4.78	4.78	mg/kg	Y		EPA 6020
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Barium	7440-39-3	79.8	79.8	mg/kg	Y		EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Beryllium	7440-41-7	0.276	0.276	mg/kg	Y		EPA 6020
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Boron	7440-42-8	6.1	6.1	mg/kg	Y	J	EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Cadmium	7440-43-9	0.06	0.06	mg/kg	Y	J	EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Calcium	7440-70-2	27700	27700	mg/kg	Y		EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Chromium (total)	7440-47-3	5.22	5.22	mg/kg	Y		EPA 6020
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Chromium VI	18540-29-9	0.61	0.61	mg/kg	Y		EPA 7199
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Cobalt	7440-48-4	4.8	4.8	mg/kg	Y		EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Copper	7440-50-8	12.1	12.1	mg/kg	Y		EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Iron	7439-89-6	10800	10800	mg/kg	Y		EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Lead	7439-92-1	7.9	7.9	mg/kg	Y		EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Magnesium	7439-95-4	8410	8410	mg/kg	Y		EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Manganese	7439-96-5	167	167	mg/kg	Y	J+	EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Mercury	7439-97-6	0.005	0.005	mg/kg	Y	J	EPA 7471A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Molybdenum	7439-98-7	0.33	0.33	mg/kg	Y		EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Nickel	7440-02-0	11.1	11.1	mg/kg	Y		EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Phosphorus (total)	7723-14-0	593	593	mg/kg	Y		EPA 365.1M
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Platinum	7440-06-4	0.005	0.005	mg/kg	Y	J	EPA 6020
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Potassium	7440-09-7	1840	1840	mg/kg	Y		EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Selenium	7782-49-2	1	1	mg/kg	Y	J	EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Sodium	7440-23-5	1080	1080	mg/kg	Y		EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Strontium	7440-24-6	140	140	mg/kg	Y		EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Thallium	7440-28-0	0.067	0.067	mg/kg	Y		EPA 6020
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Tin	7440-31-5	5	5	mg/kg	Y	J	EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Titanium	7440-32-6	604	604	mg/kg	Y		EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Tungsten	7440-33-7	0.17	0.17	mg/kg	Y		EPA 6020
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Uranium (total)	7440-61-1	1.78	1.78	mg/kg	Y		EPA 6020
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Vanadium	7440-62-2	35.2	35.2	mg/kg	Y		EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Metals	Zinc	7440-66-6	23.9	23.9	mg/kg	Y		EPA 6010B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	4,4'-DDD	72-54-8	0.0019		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	4,4'-DDE	72-55-9	0.0019		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	4,4'-DDT	50-29-3	0.0019		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	Aldrin	309-00-2	0.00091		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	alpha-BHC	319-84-6	0.00091		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	alpha-Chlordane	5103-71-9	0.00091		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	beta-BHC	319-85-7	0.01	0.01	mg/kg	Y		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	Chlordane (total)	57-74-9	0.0046		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	delta-BHC	319-86-8	0.00091		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	Dieldrin	60-57-1	0.0019		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	Endosulfan I	959-98-8	0.00091		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	Endosulfan II	33213-65-9	0.0019		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	Endosulfan sulfate	1031-07-8	0.0019		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	Endrin	72-20-8	0.0019		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	Endrin aldehyde	7421-93-4	0.0019		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	Endrin ketone	53494-70-5	0.0019		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	gamma-BHC	58-89-9	0.00091		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	gamma-Chlordane	5103-74-2	0.00091		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	Heptachlor	76-44-8	0.00091		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	Heptachlor epoxide	1024-57-3	0.00091		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	Hexachlorobenzene	118-74-1	0.00091		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	Methoxychlor	72-43-5	0.0091		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	Toxaphene	8001-35-2	0.019		mg/kg	N		EPA 8081
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Chlorpyrifos	2921-88-2	0.007		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Coumaphos	56-72-4	0.003		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Dasanit	115-90-2	0.0088		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Demeton-O	298-03-3	0.0057		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Demeton-S	126-75-0	0.0053		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Diazinon	333-41-5	0.0079		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Dichlorovos	62-73-7	0.008		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Dimethoate	60-51-5	0.0077		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Disulfoton	298-04-4	0.0084		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	EPN	2104-64-5	0.004		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Ethoprop	13194-48-4	0.0053		mg/kg	N		EPA 8141A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Famphur	52-85-7	0.0035		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Fenthion	55-38-9	0.0095		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Guthion	86-50-0	0.0038		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Malathion	121-75-5	0.005		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Merphos	150-50-5	0.0056		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Methyl parathion	298-00-0	0.0069		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Mevinphos	7786-34-7	0.005		mg/kg	N	UJ	EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Naled	300-76-5	0.024		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Parathion	56-38-2	0.0057		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Phorate	298-02-2	0.0062		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Prothiophos	34643-46-4	0.0042		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Ronnel	299-84-3	0.016		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Stirophos	22248-79-9	0.0047		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Sulfotepp	3689-24-5	0.0068		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Sulprofos	35400-43-2	0.0046		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Thionazin	297-97-2	0.006		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OPPs	Trichloronate	327-98-0	0.0068		mg/kg	N		EPA 8141A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Organics	4-Chlorobenzenesulfonic acid	98-66-8	0.25		mg/kg	N		HPLC-UV
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Organics	Benzenesulfonic acid	98-11-3	0.25		mg/kg	N		HPLC-UV
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Organics	Diethylphosphorodithioate	298-06-6	0.25		mg/kg	N		HPLC-UV
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Organics	o,o-Dimethyl Phosphorodithioate	756-80-9	1.3		mg/kg	N		HPLC-UV
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	Organics	Phthalic acid	88-99-3	0.25		mg/kg	N		HPLC-UV
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PAHs	2-Methylnaphthalene	91-57-6	0.0006		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PAHs	Acenaphthylene	208-96-8	0.00078		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0032	0.0032	mg/kg	Y	J	EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0032	0.0032	mg/kg	Y	J	EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00088		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PAHs	Chrysene	218-01-9	0.0065	0.0065	mg/kg	Y	J	EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00081		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PAHs	Fluorene	86-73-7	0.00073		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00094		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PAHs	Naphthalene	91-20-3	0.0011	0.0011	mg/kg	Y	J	EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PAHs	Phenanthrene	85-01-8	0.0025	0.0025	mg/kg	Y	J	EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PAHs	Pyrene	129-00-0	0.0025	0.0025	mg/kg	Y	J	EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Aroclor-1016	12674-11-2	0.019		mg/kg	N		EPA 8082
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Aroclor-1221	11104-28-2	0.042		mg/kg	N		EPA 8082
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Aroclor-1232	11141-16-5	0.019		mg/kg	N		EPA 8082
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Aroclor-1242	53469-21-9	0.029		mg/kg	N		EPA 8082
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Aroclor-1248	12672-29-6	0.019		mg/kg	N		EPA 8082
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Aroclor-1254	11097-69-1	0.019		mg/kg	N		EPA 8082
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Aroclor-1260	11096-82-5	0.033		mg/kg	N		EPA 8082
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-001 (2-CB)	2051-60-7	0.0000064	0.0000064	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-002 (3-CB)	2051-61-8	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-003 (4-CB)	2051-62-9	0.0000029	0.0000029	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-012 (3,4-DiCB)	2974-92-7	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-013 (3,4'-DiCB)	2974-90-5	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-018 (2,2',5-TrCB)	37680-65-2	0.000037	0.000037	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.0000033	0.0000033	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-020 (2,3,3'-TrCB)	38444-84-7	0.000022	0.000022	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-021 (2,3,4-TrCB)	55702-46-0	0.000022	0.000022	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-026 (2,3',5-TrCB)	38444-81-4	0.0000045	0.0000045	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-028 (2,4,4'-TrCB)	7012-37-5	0.000041	0.000041	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-029 (2,4,5-TrCB)	15862-07-4	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-030 (2,4,6-TrCB)	35693-92-6	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.000045	0.000045	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.000024	0.000024	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-033 (2,3',4'-TrCB)	38444-86-9	0.000022	0.000022	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.0000092	0.0000092	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-040 (2,2',3,3'-TeCB)	38444-93-8	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.000042	0.000042	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.000051	0.000051	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-044 (2,2',3,5'-TeCB)	41464-39-5	0.000051	0.000051	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.0000052	0.0000052	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-047 (2,2',4,4'-TeCB)	2437-79-8	0.000025	0.000025	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.000025	0.000025	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-049 (2,2',4,5'-TeCB)	41464-40-8	0.000051	0.000051	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-050 (2,2',4,6-TeCB)	62796-65-0	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.0000034	0.0000034	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000064	0.000064	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-053 (2,2',5,6'-TeCB)	41464-41-9	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.000046	0.000046	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-059 (2,3,3',6-TeCB)	74472-33-6	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.000046	0.000046	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-061 (2,3,4,5-TeCB)	33284-53-6	0.00003	0.00003	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-062 (2,3,4,6-TeCB)	54230-22-7	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.000042	0.000042	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-065 (2,3,5,6-TeCB)	33284-54-7	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.00004	0.00004	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.000042	0.000042	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-069 (2,3',4,6-TeCB)	60233-24-1	0.000063	0.000063	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-070 (2,3',4',5-TeCB)	32598-11-1	0.000069	0.000069	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-071 (2,3',4',6-TeCB)	41464-46-4	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.000064	0.000064	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-074 (2,4,4',5-TeCB)	32690-93-0	0.00003	0.00003	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-075 (2,4,4',6-TeCB)	32598-12-2	0.000025	0.000025	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-076 (2,3',4',5'-TeCB)	70362-48-0	0.00004	0.00004	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.0000041		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.00004	0.00004	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.0000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.0000066	0.0000066	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.0000098	0.0000098	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-085 (2,2',3,4,4'-PeCB)	65510-45-4	0.0000055	0.0000055	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-086 (2,2',3,4,5-PeCB)	55312-69-1	0.0000092	0.0000092	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-087 (2,2',3,4,5'-PeCB)	38380-02-8	0.0000092	0.0000092	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-088 (2,2',3,4,6-PeCB)	55215-17-3	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.000039	0.000039	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-090 (2,2',3,4',5-PeCB)	68194-07-0	0.000039	0.000039	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-091 (2,2',3,4',6-PeCB)	68194-05-8	0.0000052	0.0000052	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.0000061	0.0000061	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-093 (2,2',3,5,6-PeCB)	73575-56-1	0.000045	0.000045	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.000045	0.000045	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-097 (2,2',3,4',5-PeCB)	41464-51-1	0.0000092	0.0000092	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-098 (2,2',3,4',6-PeCB)	60233-25-2	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-100 (2,2',4,4',6-PeCB)	39485-83-1	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-101 (2,2',4,5,5'-PeCB)	37680-73-2	0.000039	0.000039	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-102 (2,2',4,5,6'-PeCB)	68194-06-9	0.000021		mg/kg	N		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.0000094	0.0000094	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-107 (2,3,3',4',5-PeCB)	70424-68-9	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-108 (2,3,3',4,5'-PeCB)	70362-41-3	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-110 (2,3,3',4',6-PeCB)	38380-03-9	0.000039	0.000039	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.0000092	0.0000092	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-113 (2,3,3',5',6-PeCB)	68194-10-5	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.0000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-115 (2,3,4,4',6-PeCB)	74472-38-1	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-116 (2,3,4,5,6-PeCB)	18259-05-7	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-117 (2,3,4',5,6-PeCB)	68194-11-6	0.0000092	0.0000092	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.000016	0.000016	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-119 (2,3',4,4',6-PeCB)	56558-17-9	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.0000055	0.0000055	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.0000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-124 (2,3',4',5,5'-PeCB)	70424-70-3	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-125 (2,3',4',5',6-PeCB)	74472-39-2	0.0000092	0.0000092	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.0000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.0000094	0.0000094	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-128 (2,2',3,3',4,4'-HxCB)	38380-07-3	0.0000053	0.0000053	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-129 (2,2',3,3',4,5-HxCB)	55215-18-4	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-134 (2,2',3,3',5,6-HxCB)	52704-70-8	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-135 (2,2',3,3',5,6'-HxCB)	52744-13-5	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-138 (2,2',3,4,4',5'-HxCB)	35065-28-2	0.000088	0.000088	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-139 (2,2',3,4,4',6-HxCB)	56030-56-9	0.000079	0.000079	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-140 (2,2',3,4,4',6'-HxCB)	59291-64-4	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-143 (2,2',3,4,5,6'-HxCB)	68194-15-0	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.0000095	0.0000095	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-147 (2,2',3,4',5,6-HxCB)	68194-13-8	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-149 (2,2',3,4',5',6-HxCB)	38380-04-0	0.000079	0.000079	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-151 (2,2',3,5,5',6-HxCB)	52663-63-5	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-153 (2,2',4,4',5,5'-HxCB)	35065-27-1	0.000086	0.000086	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-156 (2,3,3',4,4',5-HxCB)	38380-08-4	0.0000039	0.0000039	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-157 (2,3,3',4,4',5'-HxCB)	69782-90-7	0.0000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.0000097	0.0000097	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.0000097	0.0000097	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-163 (2,3,3',4',5,6-HxCB)	74472-44-9	0.000088	0.000088	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.000088	0.000088	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-166 (2,3,4,4',5,6-HxCB)	41411-63-6	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.0000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-168 (2,3',4,4',5',6-HxCB)	59291-65-5	0.000021	0.000021	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.0000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.000032	0.000032	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-171 (2,2',3,3',4,4',6-HpCB)	52663-71-5	0.0000096	0.0000096	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0000043	0.0000043	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-173 (2,2',3,3',4,5,6-HpCB)	68194-16-1	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.000027	0.000027	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.0000052	0.0000052	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-180 (2,2',3,4,4',5,5'-HpCB)	35065-29-3	0.000072	0.000072	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.000026	0.000026	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.0000039	0.0000039	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.000026	0.000026	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.0000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.000032	0.000032	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.0000043	0.0000043	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-193 (2,3,3',4',5,5',6-HpCB)	69782-91-8	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.0000036	0.0000036	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-198 (2,2',3,3',4,5,5',6-OcCB)	68194-17-2	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-199 (2,2',3,3',4,5,5',6'-OcCB)	52663-75-9	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.0000054	0.0000054	mg/kg	Y	J	EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.000021		mg/kg	N		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	PCB-209 (DeCB)	2051-24-3	0.000028	0.000028	mg/kg	Y		EPA 1668A
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	RAD	Radium-226	Ra-226	1.72	1.72	pCi/g	Y		EPA 903.1 MOD
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	RAD	Radium-228	Ra-228	1.71	1.71	pCi/g	Y	J	EPA 904.0 MOD
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	RAD	Thorium-228	Th-228	1.41	1.41	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	RAD	Thorium-230	Th-230	3.3	3.3	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	RAD	Thorium-232	Th-232	1.06	1.06	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	RAD	Uranium-234	U-234	3.43	3.43	pCi/g	Y		DOE EML HASL-300 U MOD
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	RAD	Uranium-235	U-235	0.168	0.168	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	RAD	Uranium-238	U-238	3.33	3.33	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	SVOCs	1,4-Dioxane	123-91-1	0.0052		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	SVOCs	Dimethylphthalate	131-11-3	0.00094		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.052	0.052	mg/kg	Y	J	EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.002	0.002	mg/kg	Y	J	EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	SVOCs	Pyridine	110-86-1	0.029		mg/kg	N		EPA 8270C
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	6.8		mg/kg	N		EPA 8015B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0003		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00023		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00043		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00063		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	1,1-Dichloroethane	75-34-3	0.0005		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	1,1-Dichloroethene	75-35-4	0.0004		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00043		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00078		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00057		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00096		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00067		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00074		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00033		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00042		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00038		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00042		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00056		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00056		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00039		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00076		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00036		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	2-Butanone	78-93-3	0.0011	0.0011	mg/kg	Y	J	EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	2-Chlorotoluene	95-49-8	0.00066		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	2-Hexanone	591-78-6	0.00077		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	4-Chlorotoluene	106-43-4	0.00058		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.0007		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Acetone	67-64-1	0.003	0.003	mg/kg	Y	J	EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Benzene	71-43-2	0.0005		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Bromobenzene	108-86-1	0.00044		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Bromochloromethane	74-97-5	0.00044		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Bromodichloromethane	75-27-4	0.00055		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Bromoform	75-25-2	0.00045		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Bromomethane	74-83-9	0.00084		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Carbon tetrachloride	56-23-5	0.00049		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Chlorobenzene	108-90-7	0.00052		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Chloroethane	75-00-3	0.00052		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Chloroform	67-66-3	0.0013	0.0013	mg/kg	Y	J	EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Chloromethane	74-87-3	0.00062		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00034		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00037		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Cumene	98-82-8	0.00054		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Dibromochloromethane	124-48-1	0.00036		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Dibromomethane	74-95-3	0.00036		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00056		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Diisopropyl ether	108-20-3	0.00026		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Ethyl benzene	100-41-4	0.00095		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00026		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	m,p-Xylene	179601-23-1	0.001		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00034		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Methylene Chloride	75-09-2	0.00041		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	n-Butylbenzene	104-51-8	0.00082		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	n-Propylbenzene	103-65-1	0.00055		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	o-Xylene	95-47-6	0.00068		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	p-Cymene	99-87-6	0.00069		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	sec-Butylbenzene	135-98-8	0.0007		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Styrene	100-42-5	0.00049		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00012		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	tert Butyl alcohol	75-65-0	0.0075		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	tert-Butylbenzene	98-06-6	0.00059		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Tetrachloroethene	127-18-4	0.00068	0.00068	mg/kg	Y	J	EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Toluene	108-88-3	0.00035		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00056		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0004		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Trichloroethene	79-01-6	0.00043		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00036		mg/kg	N		EPA 8260B
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	VOCs	Vinyl chloride	75-01-4	0.00051		mg/kg	N		EPA 8260B
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Chlorine Oxyanions	Chlorate	14866-68-3	1.2		mg/kg	N	U	EPA 9056
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Chlorine Oxyanions	Perchlorate	14797-73-0	1210	1210	mg/kg	Y		EPA 314.0
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	General Chemistry	Alkalinity	ALK	368	368	mg/kg	Y		EPA 310.1
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	General Chemistry	Alkalinity (as CaCO3)	ALKA	29		mg/kg	N	U	EPA 310.1
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	General Chemistry	Bromide	24959-67-9	0.59		mg/kg	N	U	EPA 9056
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	General Chemistry	Chloride	16887-00-6	746	746	mg/kg	Y	J	EPA 9056
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	General Chemistry	Cyanide (total)	57-12-5	0.14		mg/kg	N	UJ	EPA 9012A
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	General Chemistry	Hydrogen carbonate	71-52-3	368	368	mg/kg	Y		EPA 310.1
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	General Chemistry	Methylene Blue Active Substances	MBAS	2		mg/kg	N	U	SM 5540C
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	General Chemistry	Moisture	MOIST	14.8	14.8	percent	Y		EPA 160.3
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	General Chemistry	Nitrate	14797-55-8	2280.714286	2280.714286	mg/kg	Y	J	EPA 9056
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	General Chemistry	Nitrite	14797-65-0	5.3	5.3	mg/kg	Y	J-	EPA 9056
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	General Chemistry	ortho-Phosphate	11-36-9	1.2		mg/kg	N	U	EPA 9056
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	General Chemistry	pH	PH	7.9	7.9	SU	Y		EPA 9045
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	General Chemistry	Sulfate	14808-79-8	39.3	39.3	mg/kg	Y		EPA 9056
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	General Chemistry	Total Organic Carbon	TOC	5800	5800	mg/kg	Y		EPA 9060
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Aluminum	7429-90-5	7600	7600	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Antimony	7440-36-0	0.15	0.15	mg/kg	Y	J-	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Arsenic	7440-38-2	5.3	5.3	mg/kg	Y		EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Barium	7440-39-3	191	191	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Beryllium	7440-41-7	0.49	0.49	mg/kg	Y		EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Boron	7440-42-8	3.5	3.5	mg/kg	Y	J-	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Cadmium	7440-43-9	0.068	0.068	mg/kg	Y		EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Calcium	7440-70-2	19300	19300	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Chromium (total)	7440-47-3	10.6	10.6	mg/kg	Y	J-	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Chromium VI	18540-29-9	0.12		mg/kg	N	U	EPA 7199
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Cobalt	7440-48-4	6.6	6.6	mg/kg	Y	J-	EPA 6020

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Copper	7440-50-8	12.7	12.7	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Iron	7439-89-6	13900	13900	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Lead	7439-92-1	7.5	7.5	mg/kg	Y		EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Magnesium	7439-95-4	7970	7970	mg/kg	Y	J-	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Manganese	7439-96-5	239	239	mg/kg	Y	J+	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Mercury	7439-97-6	0.0078		mg/kg	N	UJ	EPA 7471
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Molybdenum	7439-98-7	0.48	0.48	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Nickel	7440-02-0	12.5	12.5	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Platinum	7440-06-4	0.019	0.019	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Potassium	7440-09-7	1370	1370	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Selenium	7782-49-2	0.13		mg/kg	N	UJ	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Silver	7440-22-4	0.15	0.15	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Sodium	7440-23-5	420	420	mg/kg	Y	J-	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Strontium	7440-24-6	99	99	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Thallium	7440-28-0	0.082		mg/kg	N	U	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Tin	7440-31-5	0.56	0.56	mg/kg	Y		EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Titanium	7440-32-6	643	643	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Tungsten	7440-33-7	0.36	0.36	mg/kg	Y	J-	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Uranium (total)	7440-61-1	1.3	1.3	mg/kg	Y		EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Vanadium	7440-62-2	39.2	39.2	mg/kg	Y	J-	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	Metals	Zinc	7440-66-6	26.4	26.4	mg/kg	Y	J-	EPA 6020
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	4,4'-DDD	72-54-8	0.02		mg/kg	N	U	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	4,4'-DDE	72-55-9	0.065	0.065	mg/kg	Y	J	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	4,4'-DDT	50-29-3	0.052	0.052	mg/kg	Y	J	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	Aldrin	309-00-2	0.02		mg/kg	N	U	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	alpha-BHC	319-84-6	0.02		mg/kg	N	U	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	alpha-Chlordane	5103-71-9	0.02		mg/kg	N	U	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	beta-BHC	319-85-7	0.052	0.052	mg/kg	Y		EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	Chlordane (total)	57-74-9	0.12		mg/kg	N	U	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	delta-BHC	319-86-8	0.02		mg/kg	N	U	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	Dieldrin	60-57-1	0.02		mg/kg	N	U	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	Endosulfan I	959-98-8	0.02		mg/kg	N	U	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	Endosulfan II	33213-65-9	0.02		mg/kg	N	U	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	Endosulfan sulfate	1031-07-8	0.02		mg/kg	N	U	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	Endrin	72-20-8	0.02		mg/kg	N	U	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	Endrin aldehyde	7421-93-4	0.02		mg/kg	N	U	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	Endrin ketone	53494-70-5	0.02		mg/kg	N	U	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	gamma-BHC	58-89-9	0.02		mg/kg	N	U	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	gamma-Chlordane	5103-74-2	0.02		mg/kg	N	U	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	Heptachlor	76-44-8	0.02		mg/kg	N	U	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	Heptachlor epoxide	1024-57-3	0.02		mg/kg	N	U	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	Hexachlorobenzene	118-74-1	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	Methoxychlor	72-43-5	0.039		mg/kg	N	U	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	Toxaphene	8001-35-2	0.59		mg/kg	N	U	EPA 8081
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PAHs	2-Methylnaphthalene	91-57-6	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PAHs	Acenaphthene	83-32-9	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PAHs	Acenaphthylene	208-96-8	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PAHs	Anthracene	120-12-7	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PAHs	Benzo(a)anthracene	56-55-3	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PAHs	Benzo(a)pyrene	50-32-8	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PAHs	Benzo(b)fluoranthene	205-99-2	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PAHs	Benzo(g,h,i)perylene	191-24-2	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PAHs	Benzo(k)fluoranthene	207-08-9	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PAHs	Chrysene	218-01-9	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PAHs	Dibenz(a,h)anthracene	53-70-3	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PAHs	Fluoranthene	206-44-0	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PAHs	Fluorene	86-73-7	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PAHs	Naphthalene	91-20-3	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PAHs	Phenanthrene	85-01-8	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PAHs	Pyrene	129-00-0	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PCBs	Aroclor-1016	12674-11-2	0.039		mg/kg	N	U	EPA 8082
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PCBs	Aroclor-1221	11104-28-2	0.039		mg/kg	N	U	EPA 8082
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PCBs	Aroclor-1232	11141-16-5	0.039		mg/kg	N	U	EPA 8082
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PCBs	Aroclor-1242	53469-21-9	0.039		mg/kg	N	U	EPA 8082
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PCBs	Aroclor-1248	12672-29-6	0.039		mg/kg	N	U	EPA 8082
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PCBs	Aroclor-1254	11097-69-1	0.039		mg/kg	N	U	EPA 8082
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PCBs	Aroclor-1260	11096-82-5	0.039		mg/kg	N	U	EPA 8082
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	RAD	Radium-226	Ra-226	1.2	1.2	pCi/g	Y	J+	HASL-300 GAMMA
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	RAD	Radium-228	Ra-228	1.91	1.91	pCi/g	Y	J+	HASL-300 GAMMA
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	RAD	Thorium-228	Th-228	0.868	0.868	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	RAD	Thorium-230	Th-230	0.794	0.794	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	RAD	Thorium-232	Th-232	0.796	0.796	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	RAD	Uranium-234	U-234	0.518	0.518	pCi/g	Y	J	DOE EML HASL-300 U MOD

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	RAD	Uranium-235	U-235	0.0102		pCi/g	N	U	DOE EML HASL-300 U MOD
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	RAD	Uranium-238	U-238	0.376	0.376	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	SVOCs	1,4-Dioxane	123-91-1	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	SVOCs	Butylbenzylphthalate	85-68-7	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	SVOCs	Diethylphthalate	84-66-2	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	SVOCs	Dimethylphthalate	131-11-3	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	SVOCs	Di-n-butylphthalate	84-74-2	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	SVOCs	Di-n-octylphthalate	117-84-0	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	SVOCs	Hexachlorobutadiene	87-68-3	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	SVOCs	Nitrobenzene	98-95-3	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	SVOCs	Octachlorostyrene	29082-74-4	0.39		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	SVOCs	Pyridine	110-86-1	1.9		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	1,1,1-Trichloroethane	71-55-6	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	1,1,2-Trichloroethane	79-00-5	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	1,1-Dichloroethane	75-34-3	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	1,1-Dichloroethene	75-35-4	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	1,1-Dichloropropene	563-58-6	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	1,2,3-Trichloropropane	96-18-4	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0059		mg/kg	N	UJ	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	1,2-Dibromoethane	106-93-4	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	1,2-Dichlorobenzene	95-50-1	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	1,2-Dichloroethane	107-06-2	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	1,2-Dichloropropane	78-87-5	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	1,3-Dichlorobenzene	541-73-1	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	1,3-Dichloropropane	142-28-9	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	1,4-Dichlorobenzene	106-46-7	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	2,2-Dichloropropane	594-20-7	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	2-Butanone	78-93-3	0.012		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	2-Chlorotoluene	95-49-8	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	2-Hexanone	591-78-6	0.012		mg/kg	N	UJ	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	4-Chlorotoluene	106-43-4	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	4-Methyl-2-pentanone	108-10-1	0.012		mg/kg	N	UJ	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Acetone	67-64-1	0.012		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Benzene	71-43-2	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Bromobenzene	108-86-1	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Bromochloromethane	74-97-5	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Bromodichloromethane	75-27-4	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Bromoform	75-25-2	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Bromomethane	74-83-9	0.012		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Carbon tetrachloride	56-23-5	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Chlorobenzene	108-90-7	0.0019	0.0019	mg/kg	Y	J	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Chloroethane	75-00-3	0.0059		mg/kg	N	UJ	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Chloroform	67-66-3	0.00059	0.00059	mg/kg	Y	J	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Chloromethane	74-87-3	0.0059		mg/kg	N	UJ	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Cumene	98-82-8	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Dibromochloromethane	124-48-1	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Dibromomethane	74-95-3	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Dichlorodifluoromethane	75-71-8	0.0059		mg/kg	N	UJ	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Diisopropyl ether	108-20-3	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Ethyl benzene	100-41-4	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Ethyl tert-butyl ether	637-92-3	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Methyl tert-butyl ether	1634-04-4	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Methylene Chloride	75-09-2	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	n-Butylbenzene	104-51-8	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	n-Propylbenzene	103-65-1	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	p-Cymene	99-87-6	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	sec-Butylbenzene	135-98-8	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Styrene	100-42-5	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	t-Amyl methyl ether	994-05-8	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	tert Butyl alcohol	75-65-0	0.0059		mg/kg	N	UJ	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	tert-Butylbenzene	98-06-6	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Tetrachloroethene	127-18-4	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Toluene	108-88-3	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0059		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Trichloroethene	79-01-6	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Trichlorofluoromethane	75-69-4	0.0059		mg/kg	N	UJ	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Vinyl chloride	75-01-4	0.0059		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	VOCs	Xylenes (total)	1330-20-7	0.012		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Chlorine Oxyanions	Chlorate	14866-68-3	15.7	15.7	mg/kg	Y	J-	EPA 9056
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Chlorine Oxyanions	Perchlorate	14797-73-0	1160	1160	mg/kg	Y		EPA 314.0
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	General Chemistry	Alkalinity	ALK	505	505	mg/kg	Y		EPA 310.1
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	General Chemistry	Alkalinity (as CaCO3)	ALKA	27.2		mg/kg	N	U	EPA 310.1
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	General Chemistry	Ammonia	7664-41-7	71.13120864	71.13120864	mg/kg	Y	J	EPA 350.1
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	General Chemistry	Bromide	24959-67-9	0.55		mg/kg	N	U	EPA 9056
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	General Chemistry	Chloride	16887-00-6	266	266	mg/kg	Y	J	EPA 9056
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	General Chemistry	Cyanide (total)	57-12-5	0.13		mg/kg	N	UJ	EPA 9012A
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	General Chemistry	Hydrogen carbonate	71-52-3	462	462	mg/kg	Y		EPA 310.1
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	General Chemistry	Methylene Blue Active Substances	MBAS	3.5	3.5	mg/kg	Y	J	SM 5540C
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	General Chemistry	Moisture	MOIST	9	9	percent	Y		EPA 160.3
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	General Chemistry	Nitrate	14797-55-8	192.2	192.2	mg/kg	Y	J	EPA 9056
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	General Chemistry	Nitrite	14797-65-0	7.1	7.1	mg/kg	Y		EPA 9056
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	General Chemistry	ortho-Phosphate	11-36-9	31.2	31.2	mg/kg	Y		EPA 9056
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	General Chemistry	pH	PH	7.9	7.9	SU	Y		EPA 9045
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	General Chemistry	Sulfate	14808-79-8	36.6	36.6	mg/kg	Y		EPA 9056
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	General Chemistry	Total Organic Carbon	TOC	8500	8500	mg/kg	Y		EPA 9060
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Aluminum	7429-90-5	6240	6240	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Antimony	7440-36-0	0.12	0.12	mg/kg	Y	J-	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Arsenic	7440-38-2	4.2	4.2	mg/kg	Y		EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Barium	7440-39-3	143	143	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Beryllium	7440-41-7	0.41	0.41	mg/kg	Y		EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Boron	7440-42-8	2.9	2.9	mg/kg	Y	J-	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Cadmium	7440-43-9	0.059	0.059	mg/kg	Y		EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Calcium	7440-70-2	18100	18100	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Chromium (total)	7440-47-3	7.7	7.7	mg/kg	Y	J-	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Chromium VI	18540-29-9	0.11		mg/kg	N	U	EPA 7199
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Cobalt	7440-48-4	6.4	6.4	mg/kg	Y	J-	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Copper	7440-50-8	11	11	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Iron	7439-89-6	11600	11600	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Lead	7439-92-1	7.1	7.1	mg/kg	Y		EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Magnesium	7439-95-4	7250	7250	mg/kg	Y	J-	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Manganese	7439-96-5	230	230	mg/kg	Y	J+	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Mercury	7439-97-6	0.0073		mg/kg	N	UJ	EPA 7471
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Molybdenum	7439-98-7	0.43	0.43	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Nickel	7440-02-0	11.6	11.6	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Platinum	7440-06-4	0.017	0.017	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Potassium	7440-09-7	1230	1230	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Selenium	7782-49-2	0.12		mg/kg	N	UJ	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Silver	7440-22-4	0.12	0.12	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Sodium	7440-23-5	384	384	mg/kg	Y	J-	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Strontium	7440-24-6	74.2	74.2	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Thallium	7440-28-0	0.077		mg/kg	N	U	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Tin	7440-31-5	0.45	0.45	mg/kg	Y		EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Titanium	7440-32-6	478	478	mg/kg	Y	J	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Tungsten	7440-33-7	0.32	0.32	mg/kg	Y	J-	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Uranium (total)	7440-61-1	1.1	1.1	mg/kg	Y		EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Vanadium	7440-62-2	31.6	31.6	mg/kg	Y	J-	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	Metals	Zinc	7440-66-6	21.5	21.5	mg/kg	Y	J-	EPA 6020
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	OCPs	Hexachlorobenzene	118-74-1	0.16	0.16	mg/kg	Y	J	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PAHs	2-Methylnaphthalene	91-57-6	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PAHs	Acenaphthene	83-32-9	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PAHs	Acenaphthylene	208-96-8	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PAHs	Anthracene	120-12-7	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PAHs	Benzo(a)anthracene	56-55-3	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PAHs	Benzo(a)pyrene	50-32-8	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PAHs	Benzo(b)fluoranthene	205-99-2	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PAHs	Benzo(g,h,i)perylene	191-24-2	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PAHs	Benzo(k)fluoranthene	207-08-9	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PAHs	Chrysene	218-01-9	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PAHs	Dibenz(a,h)anthracene	53-70-3	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PAHs	Fluoranthene	206-44-0	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PAHs	Fluorene	86-73-7	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PAHs	Naphthalene	91-20-3	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PAHs	Phenanthrene	85-01-8	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PAHs	Pyrene	129-00-0	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PCBs	Aroclor-1016	12674-11-2	0.036		mg/kg	N	U	EPA 8082
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PCBs	Aroclor-1221	11104-28-2	0.036		mg/kg	N	U	EPA 8082
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PCBs	Aroclor-1232	11141-16-5	0.036		mg/kg	N	U	EPA 8082

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PCBs	Aroclor-1242	53469-21-9	0.036		mg/kg	N	U	EPA 8082
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PCBs	Aroclor-1248	12672-29-6	0.036		mg/kg	N	U	EPA 8082
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PCBs	Aroclor-1254	11097-69-1	0.036		mg/kg	N	U	EPA 8082
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PCBs	Aroclor-1260	11096-82-5	0.036		mg/kg	N	U	EPA 8082
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	RAD	Radium-226	Ra-226	1.21	1.21	pCi/g	Y	J+	HASL-300 GAMMA
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	RAD	Radium-228	Ra-228	1.89	1.89	pCi/g	Y	J+	HASL-300 GAMMA
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	RAD	Thorium-228	Th-228	0.779	0.779	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	RAD	Thorium-230	Th-230	0.529	0.529	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	RAD	Thorium-232	Th-232	0.544	0.544	pCi/g	Y	J	DOE EML HASL-300 TH MOD
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	RAD	Uranium-234	U-234	0.404	0.404	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	RAD	Uranium-235	U-235	0.00471		pCi/g	N	U	DOE EML HASL-300 U MOD
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	RAD	Uranium-238	U-238	0.392	0.392	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	SVOCs	1,4-Dioxane	123-91-1	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.16	0.16	mg/kg	Y	J	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	SVOCs	Butylbenzylphthalate	85-68-7	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	SVOCs	Diethylphthalate	84-66-2	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	SVOCs	Dimethylphthalate	131-11-3	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	SVOCs	Di-n-butylphthalate	84-74-2	0.65	0.65	mg/kg	Y		EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	SVOCs	Di-n-octylphthalate	117-84-0	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	SVOCs	Hexachlorobutadiene	87-68-3	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	SVOCs	Nitrobenzene	98-95-3	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	SVOCs	Octachlorostyrene	29082-74-4	0.36		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	SVOCs	Pyridine	110-86-1	1.8		mg/kg	N	U	EPA 8270
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	1,1,1-Trichloroethane	71-55-6	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	1,1,2-Trichloroethane	79-00-5	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	1,1-Dichloroethane	75-34-3	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	1,1-Dichloroethene	75-35-4	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	1,1-Dichloropropene	563-58-6	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	1,2,3-Trichloropropane	96-18-4	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0055		mg/kg	N	UJ	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	1,2-Dibromoethane	106-93-4	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	1,2-Dichlorobenzene	95-50-1	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	1,2-Dichloroethane	107-06-2	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	1,2-Dichloropropane	78-87-5	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	1,3-Dichlorobenzene	541-73-1	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	1,3-Dichloropropane	142-28-9	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	1,4-Dichlorobenzene	106-46-7	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	2,2-Dichloropropane	594-20-7	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	2-Butanone	78-93-3	0.011		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	2-Chlorotoluene	95-49-8	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	2-Hexanone	591-78-6	0.011		mg/kg	N	UJ	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	4-Chlorotoluene	106-43-4	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	4-Methyl-2-pentanone	108-10-1	0.011		mg/kg	N	UJ	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Acetone	67-64-1	0.011		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Benzene	71-43-2	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Bromobenzene	108-86-1	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Bromochloromethane	74-97-5	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Bromodichloromethane	75-27-4	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Bromoform	75-25-2	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Bromomethane	74-83-9	0.011		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Carbon tetrachloride	56-23-5	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Chlorobenzene	108-90-7	0.0012	0.0012	mg/kg	Y	J	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Chloroethane	75-00-3	0.0055		mg/kg	N	UJ	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Chloroform	67-66-3	0.00054	0.00054	mg/kg	Y	J	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Chloromethane	74-87-3	0.0055		mg/kg	N	UJ	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Cumene	98-82-8	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Dibromochloromethane	124-48-1	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Dibromomethane	74-95-3	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Dichlorodifluoromethane	75-71-8	0.0055		mg/kg	N	UJ	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Diisopropyl ether	108-20-3	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Ethyl benzene	100-41-4	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Ethyl tert-butyl ether	637-92-3	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Methyl tert-butyl ether	1634-04-4	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Methylene Chloride	75-09-2	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	n-Butylbenzene	104-51-8	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	n-Propylbenzene	103-65-1	0.0055		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	p-Cymene	99-87-6	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	sec-Butylbenzene	135-98-8	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Styrene	100-42-5	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	t-Amyl methyl ether	994-05-8	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	tert Butyl alcohol	75-65-0	0.0055		mg/kg	N	UJ	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	tert-Butylbenzene	98-06-6	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Tetrachloroethene	127-18-4	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Toluene	108-88-3	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Trichloroethene	79-01-6	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Trichlorofluoromethane	75-69-4	0.0055		mg/kg	N	UJ	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Vinyl chloride	75-01-4	0.0055		mg/kg	N	U	EPA 8260
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	VOCs	Xylenes (total)	1330-20-7	0.011		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Chlorine Oxyanions	Chlorate	14866-68-3	5.3		mg/kg	N	UJ	EPA 9056
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Chlorine Oxyanions	Perchlorate	14797-73-0	3.72	3.72	mg/kg	Y		EPA 314.0
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.012526796	0.012526796	mg/kg	Y	J	EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000442736	0.000442736	mg/kg	Y	J	EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.005388734	0.005388734	mg/kg	Y	J	EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000443741	0.000443741	mg/kg	Y		EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.002485881	0.002485881	mg/kg	Y	J	EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.002143656	0.002143656	mg/kg	Y	J	EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.000049392	0.000049392	mg/kg	Y		EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.001362448	0.001362448	mg/kg	Y	J	EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000122741	0.000122741	mg/kg	Y		EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000246274	0.000246274	mg/kg	Y		EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000140746	0.000140746	mg/kg	Y		EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.001090766	0.001090766	mg/kg	Y	J	EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000087894	0.000087894	mg/kg	Y		EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000695192	0.000695192	mg/kg	Y	J	EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000473372	0.000473372	mg/kg	Y	J	EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000446407	0.000446407	mg/kg	Y	J	EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000023713	0.000023713	mg/kg	Y		EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	HpCDD (total)	37871-00-4	0.000679868	0.000679868	mg/kg	Y		EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	HpCDF (total)	38998-75-3	0.01123982	0.01123982	mg/kg	Y	J	EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	HxCDD (total)	34465-46-8	0.000968365	0.000968365	mg/kg	Y		EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	HxCDF (total)	55684-94-1	0.009676516	0.009676516	mg/kg	Y	J	EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	PeCDD (total)	36088-22-9	0.001060548	0.001060548	mg/kg	Y		EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	PeCDF (total)	30402-15-4	0.010241201	0.010241201	mg/kg	Y	J	EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	TCDD (total)	41903-57-5	0.001020732	0.001020732	mg/kg	Y		EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Dioxins	TCDF (total)	30402-14-3	0.010701264	0.010701264	mg/kg	Y	J	EPA 8290
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	General Chemistry	Alkalinity	ALK	1030	1030	mg/kg	Y	J+	EPA 310.1
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	General Chemistry	Alkalinity (as CaCO3)	ALKA	214	214	mg/kg	Y	J+	EPA 310.1
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	General Chemistry	Ammonia	7664-41-7	6.444365911		mg/kg	N	UJ	EPA 350.1
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	General Chemistry	Bromide	24959-67-9	2.7		mg/kg	N	U	EPA 9056
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	General Chemistry	Chloride	16887-00-6	6.3	6.3	mg/kg	Y		EPA 9056
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	General Chemistry	Cyanide (total)	57-12-5	0.53		mg/kg	N	UJ	EPA 9012A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	General Chemistry	Hydrogen carbonate	71-52-3	812	812	mg/kg	Y	J+	EPA 310.1
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	General Chemistry	Methylene Blue Active Substances	MBAS	2.1		mg/kg	N	U	SM 5540C
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	General Chemistry	Moisture	MOIST	6.4	6.4	percent	Y		EPA 160.3
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	General Chemistry	Nitrate	14797-55-8	1.284285714	1.284285714	mg/kg	Y	J+	EPA 9056
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	General Chemistry	Nitrite	14797-65-0	0.21		mg/kg	N	U	EPA 9056
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	General Chemistry	ortho-Phosphate	11-36-9	5.3		mg/kg	N	U	EPA 9056
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	General Chemistry	pH	PH	8.8	8.8	SU	Y		EPA 9045
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	General Chemistry	Sulfate	14808-79-8	47	47	mg/kg	Y	J	EPA 9056
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	General Chemistry	Total Organic Carbon	TOC	2900	2900	mg/kg	Y		EPA 9060
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Aluminum	7429-90-5	6810	6810	mg/kg	Y		EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Antimony	7440-36-0	0.16	0.16	mg/kg	Y	J-	EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Arsenic	7440-38-2	2.5	2.5	mg/kg	Y		EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Barium	7440-39-3	169	169	mg/kg	Y	J	EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Beryllium	7440-41-7	0.48	0.48	mg/kg	Y		EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Boron	7440-42-8	4.2	4.2	mg/kg	Y	J	EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Cadmium	7440-43-9	0.12	0.12	mg/kg	Y		EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Calcium	7440-70-2	15000	15000	mg/kg	Y		EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Chromium (total)	7440-47-3	11.2	11.2	mg/kg	Y	J-	EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Chromium VI	18540-29-9	0.12	0.12	mg/kg	Y	J	EPA 7199
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Cobalt	7440-48-4	7	7	mg/kg	Y	J-	EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Copper	7440-50-8	13.3	13.3	mg/kg	Y	J	EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Iron	7439-89-6	12600	12600	mg/kg	Y		EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Lead	7439-92-1	9.1	9.1	mg/kg	Y		EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Magnesium	7439-95-4	6030	6030	mg/kg	Y	J-	EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Manganese	7439-96-5	361	361	mg/kg	Y		EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Mercury	7439-97-6	0.0071		mg/kg	N	UJ	EPA 7471
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Molybdenum	7439-98-7	0.52	0.52	mg/kg	Y	J	EPA 6020

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Nickel	7440-02-0	13.1	13.1	mg/kg	Y	J-	EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Platinum	7440-06-4	0.017	0.017	mg/kg	Y	J	EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Potassium	7440-09-7	1880	1880	mg/kg	Y		EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Selenium	7782-49-2	0.12		mg/kg	N	U	EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Silver	7440-22-4	0.13	0.13	mg/kg	Y	J	EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Sodium	7440-23-5	345	345	mg/kg	Y	J-	EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Strontium	7440-24-6	72.5	72.5	mg/kg	Y	J	EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Thallium	7440-28-0	0.095	0.095	mg/kg	Y	J	EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Tin	7440-31-5	0.51	0.51	mg/kg	Y		EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Titanium	7440-32-6	490	490	mg/kg	Y		EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Tungsten	7440-33-7	0.34	0.34	mg/kg	Y	J-	EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Uranium (total)	7440-61-1	0.74	0.74	mg/kg	Y		EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Vanadium	7440-62-2	30.3	30.3	mg/kg	Y	J-	EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	Metals	Zinc	7440-66-6	27	27	mg/kg	Y	J-	EPA 6020
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	4,4'-DDD	72-54-8	0.0018		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	4,4'-DDE	72-55-9	0.0018		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	4,4'-DDT	50-29-3	0.0018		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	Aldrin	309-00-2	0.0018		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	alpha-BHC	319-84-6	0.0018		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	alpha-Chlordane	5103-71-9	0.0018		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	beta-BHC	319-85-7	0.0041	0.0041	mg/kg	Y		EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	Chlordane (total)	57-74-9	0.011		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	delta-BHC	319-86-8	0.0018		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	Dieldrin	60-57-1	0.0018		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	Endosulfan I	959-98-8	0.0018		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	Endosulfan II	33213-65-9	0.0018		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	Endosulfan sulfate	1031-07-8	0.0018		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	Endrin	72-20-8	0.0018		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	Endrin aldehyde	7421-93-4	0.0018		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	Endrin ketone	53494-70-5	0.0018		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	gamma-BHC	58-89-9	0.0018		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	gamma-Chlordane	5103-74-2	0.0018		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	Heptachlor	76-44-8	0.0018		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	Heptachlor epoxide	1024-57-3	0.0018		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	Hexachlorobenzene	118-74-1	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	Methoxychlor	72-43-5	0.0035		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	Toxaphene	8001-35-2	0.053		mg/kg	N	U	EPA 8081
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Chlorpyrifos	2921-88-2	0.021		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Coumaphos	56-72-4	0.014		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Dasanit	115-90-2	0.014		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Demeton-O	298-03-3	0.042		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Demeton-S	126-75-0	0.016		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Diazinon	333-41-5	0.023		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Dichlorovos	62-73-7	0.025		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Dimethoate	60-51-5	0.023		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Disulfoton	298-04-4	0.051		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	EPN	2104-64-5	0.014		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Ethoprop	13194-48-4	0.016		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Famphur	52-85-7	0.014		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Fenthion	55-38-9	0.035		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Guthion	86-50-0	0.014		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Malathion	121-75-5	0.016		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Merphos	150-50-5	0.032		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Methyl parathion	298-00-0	0.021		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Mevinphos	7786-34-7	0.016		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Naled	300-76-5	0.035		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Parathion	56-38-2	0.019		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Phorate	298-02-2	0.021		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Prothiophos	34643-46-4	0.021		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Ronnel	299-84-3	0.019		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Stirophos	22248-79-9	0.016		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Sulfotepp	3689-24-5	0.021		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Sulprofos	35400-43-2	0.014		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Thionazin	297-97-2	0.019		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OPPs	Trichloronate	327-98-0	0.021		mg/kg	N	UJ	EPA 8141A
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PAHs	2-Methylnaphthalene	91-57-6	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PAHs	Acenaphthene	83-32-9	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PAHs	Acenaphthylene	208-96-8	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PAHs	Anthracene	120-12-7	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PAHs	Benzo(a)anthracene	56-55-3	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PAHs	Benzo(a)pyrene	50-32-8	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PAHs	Benzo(b)fluoranthene	205-99-2	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PAHs	Benzo(g,h,i)perylene	191-24-2	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PAHs	Benzo(k)fluoranthene	207-08-9	0.35		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PAHs	Chrysene	218-01-9	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PAHs	Dibenz(a,h)anthracene	53-70-3	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PAHs	Fluoranthene	206-44-0	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PAHs	Fluorene	86-73-7	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PAHs	Naphthalene	91-20-3	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PAHs	Phenanthrene	85-01-8	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PAHs	Pyrene	129-00-0	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PCBs	Aroclor-1016	12674-11-2	0.035		mg/kg	N	U	EPA 8082
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PCBs	Aroclor-1221	11104-28-2	0.035		mg/kg	N	U	EPA 8082
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PCBs	Aroclor-1232	11141-16-5	0.035		mg/kg	N	U	EPA 8082
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PCBs	Aroclor-1242	53469-21-9	0.035		mg/kg	N	U	EPA 8082
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PCBs	Aroclor-1248	12672-29-6	0.035		mg/kg	N	U	EPA 8082
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PCBs	Aroclor-1254	11097-69-1	0.035		mg/kg	N	U	EPA 8082
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PCBs	Aroclor-1260	11096-82-5	0.035		mg/kg	N	U	EPA 8082
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	RAD	Radium-226	Ra-226	1.16	1.16	pCi/g	Y	J+	HASL-300 GAMMA
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	RAD	Radium-228	Ra-228	1.92	1.92	pCi/g	Y	J+	HASL-300 GAMMA
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	SVOCs	1,4-Dioxane	123-91-1	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	SVOCs	Butylbenzylphthalate	85-68-7	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	SVOCs	Diethylphthalate	84-66-2	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	SVOCs	Dimethylphthalate	131-11-3	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	SVOCs	Di-n-butylphthalate	84-74-2	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	SVOCs	Di-n-octylphthalate	117-84-0	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	SVOCs	Hexachlorobutadiene	87-68-3	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	SVOCs	Nitrobenzene	98-95-3	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	SVOCs	Octachlorostyrene	29082-74-4	0.35		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	SVOCs	Pyridine	110-86-1	1.7		mg/kg	N	U	EPA 8270
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	TPH	Oil Range Organics	TPH-MOTOR	27		mg/kg	N	U	EPA 8015B DRO
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	27		mg/kg	N	U	EPA 8015B DRO
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.11		mg/kg	N	UJ	EPA 8015B GRO
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	1,1,1-Trichloroethane	71-55-6	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	1,1,2-Trichloroethane	79-00-5	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	1,1-Dichloroethane	75-34-3	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	1,1-Dichloroethene	75-35-4	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	1,1-Dichloropropene	563-58-6	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	1,2,3-Trichloropropane	96-18-4	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	1,2-Dibromoethane	106-93-4	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	1,2-Dichlorobenzene	95-50-1	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	1,2-Dichloroethane	107-06-2	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	1,2-Dichloropropane	78-87-5	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	1,3-Dichlorobenzene	541-73-1	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	1,3-Dichloropropane	142-28-9	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	1,4-Dichlorobenzene	106-46-7	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	2,2-Dichloropropane	594-20-7	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	2-Butanone	78-93-3	0.011		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	2-Chlorotoluene	95-49-8	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	2-Hexanone	591-78-6	0.011		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	4-Chlorotoluene	106-43-4	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	4-Methyl-2-pentanone	108-10-1	0.011		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Acetone	67-64-1	0.011		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Benzene	71-43-2	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Bromobenzene	108-86-1	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Bromochloromethane	74-97-5	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Bromodichloromethane	75-27-4	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Bromoform	75-25-2	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Bromomethane	74-83-9	0.011		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Carbon tetrachloride	56-23-5	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Chlorobenzene	108-90-7	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Chloroethane	75-00-3	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Chloroform	67-66-3	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Chloromethane	74-87-3	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Cumene	98-82-8	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Dibromochloromethane	124-48-1	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Dibromomethane	74-95-3	0.0053		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Dichlorodifluoromethane	75-71-8	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Diisopropyl ether	108-20-3	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Ethyl benzene	100-41-4	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Ethyl tert-butyl ether	637-92-3	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Methyl tert-butyl ether	1634-04-4	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Methylene Chloride	75-09-2	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	n-Butylbenzene	104-51-8	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	n-Propylbenzene	103-65-1	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	p-Cymene	99-87-6	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	sec-Butylbenzene	135-98-8	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Styrene	100-42-5	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	t-Amyl methyl ether	994-05-8	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	tert Butyl alcohol	75-65-0	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	tert-Butylbenzene	98-06-6	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Tetrachloroethene	127-18-4	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Toluene	108-88-3	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Trichloroethene	79-01-6	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Trichlorofluoromethane	75-69-4	0.0053		mg/kg	N	UJ	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Vinyl chloride	75-01-4	0.0053		mg/kg	N	U	EPA 8260
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	VOCs	Xylenes (total)	1330-20-7	0.011		mg/kg	N	UJ	EPA 8260
DU-3	SA-165	SA165-2BPC	0.5-1.5	N	--	4/15/2010	Metals	Arsenic	7440-38-2	6.4	6.4	mg/kg	Y		EPA 6020
DU-3	SA-165	SA165-2BPC	0.5-1.5	N	--	4/15/2010	Metals	Manganese	7439-96-5	1500	1500	mg/kg	Y		EPA 6020
DU-3	SA-165	SA165-2BPC	0.5-1.5	N	--	4/15/2010	Metals	Mercury	7439-97-6	0.31	0.31	mg/kg	Y		EPA 7471A
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.028	0.028	mg/kg	Y	J	EPA 8290
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00096	0.00096	mg/kg	Y	J	EPA 8290
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.011	0.011	mg/kg	Y	J	EPA 8290
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00086	0.00086	mg/kg	Y	J	EPA 8290
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0064	0.0064	mg/kg	Y	J	EPA 8290
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0049	0.0049	mg/kg	Y	J	EPA 8290
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00014	0.00014	mg/kg	Y		EPA 8290
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0033	0.0033	mg/kg	Y	J	EPA 8290
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00024	0.00024	mg/kg	Y		EPA 8290
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00064	0.00064	mg/kg	Y		EPA 8290
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00019	0.00019	mg/kg	Y		EPA 8290
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0023	0.0023	mg/kg	Y	J	EPA 8290
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00019	0.00019	mg/kg	Y		EPA 8290
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00092	0.00092	mg/kg	Y		EPA 8290
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0014	0.0014	mg/kg	Y	J	EPA 8290
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0012	0.0012	mg/kg	Y		EPA 8290
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000058	0.000058	mg/kg	Y		EPA 8290
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	General Chemistry	Moisture	MOIST	11	11	percent	Y		ASTM 2216
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	OCPs	Hexachlorobenzene	118-74-1	0.57	0.57	mg/kg	Y		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.027		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.042		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	PAHs	Fluoranthene	206-44-0	0.038		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	SVOCs	1,4-Dioxane	123-91-1	0.069		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.048		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.045		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	SVOCs	Octachlorostyrene	29082-74-4	0.11	0.11	mg/kg	Y	J	EPA 8270C
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.044		mg/kg	N		EPA 300.1
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	2.8	2.8	mg/kg	Y		EPA 314.0
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00207	0.00207	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000785	0.0000785	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000693	0.000693	mg/kg	Y	J	EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000612	0.0000612	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000296	0.000296	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000297	0.000297	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000788	0.00000788	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000186	0.000186	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000146	0.0000146	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000158	0.0000158	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000141	0.0000141	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000964	0.0000964	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000666	0.00000666	mg/kg	Y	JK	EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000431	0.0000431	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000046	0.000046	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000466	0.0000466	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000213	0.00000213	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	HpCDD (total)	37871-00-4	0.0000949	0.0000949	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	HpCDF (total)	38998-75-3	0.00149	0.00149	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	HxCDD (total)	34465-46-8	0.000112	0.000112	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	HxCDF (total)	55684-94-1	0.00144	0.00144	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	PeCDD (total)	36088-22-9	0.0000755	0.0000755	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	PeCDF (total)	30402-15-4	0.00102	0.00102	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	TCDD (total)	41903-57-5	0.0000745	0.0000745	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Dioxins	TCDF (total)	30402-14-3	0.00074	0.00074	mg/kg	Y		EPA 8290
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	324	324	mg/kg	Y		SM 2320B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Carbonate as CO3	3812-32-6	4	4	mg/kg	Y	J	SM 2320B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Chloride	16887-00-6	0.6		mg/kg	N		EPA 9056
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Cyanide (total)	57-12-5	0.5		mg/kg	N		EPA 9012A
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Hydrogen carbonate	71-52-3	320	320	mg/kg	Y		SM 2320B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Methylene Blue Active Substances	MBAS	1.2	1.2	mg/kg	Y	J	SM 5540C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Nitrate	14797-55-8	5.845714286	5.845714286	mg/kg	Y		EPA 9056
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	pH	PH	9.39	9.39	SU	Y		EPA 9045D
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Sulfate	14808-79-8	16.2	16.2	mg/kg	Y		EPA 9056
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Total Organic Carbon	TOC	870	870	mg/kg	Y		LLOYD KAHN
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Aluminum	7429-90-5	10300	10300	mg/kg	Y		EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Arsenic	7440-38-2	1.69	1.69	mg/kg	Y		EPA 6020
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Barium	7440-39-3	142	142	mg/kg	Y		EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Beryllium	7440-41-7	0.539	0.539	mg/kg	Y		EPA 6020
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Boron	7440-42-8	4.5	4.5	mg/kg	Y	J	EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Cadmium	7440-43-9	0.09	0.09	mg/kg	Y	J	EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Calcium	7440-70-2	25200	25200	mg/kg	Y	J	EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Chromium (total)	7440-47-3	8.76	8.76	mg/kg	Y	J	EPA 6020
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Chromium VI	18540-29-9	0.19		mg/kg	N		EPA 7199
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Cobalt	7440-48-4	7.3	7.3	mg/kg	Y		EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Copper	7440-50-8	16.9	16.9	mg/kg	Y		EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Iron	7439-89-6	14800	14800	mg/kg	Y		EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Lead	7439-92-1	8	8	mg/kg	Y		EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Magnesium	7439-95-4	11900	11900	mg/kg	Y		EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Manganese	7439-96-5	321	321	mg/kg	Y		EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Mercury	7439-97-6	0.011	0.011	mg/kg	Y	J	EPA 7471
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Molybdenum	7439-98-7	0.3	0.3	mg/kg	Y	J	EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Nickel	7440-02-0	15.2	15.2	mg/kg	Y	J	EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Phosphorus (total)	7723-14-0	584	584	mg/kg	Y		EPA 365.1M
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Platinum	7440-06-4	0.027	0.027	mg/kg	Y	J	EPA 6020
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Potassium	7440-09-7	1750	1750	mg/kg	Y		EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Sodium	7440-23-5	732	732	mg/kg	Y	J	EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Strontium	7440-24-6	117	117	mg/kg	Y		EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Thallium	7440-28-0	0.106	0.106	mg/kg	Y		EPA 6020
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Tin	7440-31-5	4.6	4.6	mg/kg	Y	J	EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Titanium	7440-32-6	784	784	mg/kg	Y		EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Tungsten	7440-33-7	0.12	0.12	mg/kg	Y	J-	EPA 6020
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Uranium (total)	7440-61-1	0.952	0.952	mg/kg	Y		EPA 6020
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Vanadium	7440-62-2	40.6	40.6	mg/kg	Y		EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	Metals	Zinc	7440-66-6	32.5	32.5	mg/kg	Y	J	EPA 6010
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	OCPs	Hexachlorobenzene	118-74-1	0.013	0.013	mg/kg	Y		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	PAHs	2-Methylnaphthalene	91-57-6	0.0006		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	PAHs	Acenaphthylene	208-96-8	0.00078		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00061		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00071		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00087		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00081		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	PAHs	Fluorene	86-73-7	0.00073		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00094		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	PAHs	Naphthalene	91-20-3	0.00089		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	RAD	Radium-226	Ra-226	0.545	0.545	pCi/g	Y		EPA 903.1 MOD
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	RAD	Radium-228	Ra-228	0.72	0.72	pCi/g	Y	J	EPA 904.0 MOD
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	RAD	Thorium-228	Th-228	1.54	1.54	pCi/g	Y		DOE EML HASL-300
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	RAD	Thorium-230	Th-230	1.07	1.07	pCi/g	Y		DOE EML HASL-300
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	RAD	Thorium-232	Th-232	1.72	1.72	pCi/g	Y		DOE EML HASL-300
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	RAD	Uranium-234	U-234	0.838	0.838	pCi/g	Y		DOE EML HASL-300
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	RAD	Uranium-235	U-235	0.0522	0.0522	pCi/g	Y		DOE EML HASL-300
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	RAD	Uranium-238	U-238	0.884	0.884	pCi/g	Y		DOE EML HASL-300
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	SVOCs	1,4-Dioxane	123-91-1	0.0052		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	SVOCs	Dimethylphthalate	131-11-3	0.00094		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.035		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00087		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	SVOCs	Octachlorostyrene	29082-74-4	0.0037		mg/kg	N	UJ	EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00028		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00025		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00037		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00027		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00019		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00037		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00047		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00084		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00062		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00088		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00043		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0008		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00035		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.0004		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00031		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00031		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00034		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00057		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00035		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00069		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00033		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	2-Butanone	78-93-3	0.00088		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	2-Chlorotoluene	95-49-8	0.00051		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	2-Hexanone	591-78-6	0.00081		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	4-Chlorotoluene	106-43-4	0.00063		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00076		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Acetone	67-64-1	0.0071	0.0071	mg/kg	Y	J+	EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Benzene	71-43-2	0.00025		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Bromobenzene	108-86-1	0.00035		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Bromochloromethane	74-97-5	0.00037		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Bromodichloromethane	75-27-4	0.00025		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Bromoform	75-25-2	0.00049		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Bromomethane	74-83-9	0.00052		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Carbon tetrachloride	56-23-5	0.00052		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Chlorobenzene	108-90-7	0.00026		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Chloroethane	75-00-3	0.0005		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Chloroform	67-66-3	0.00037		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Chloromethane	74-87-3	0.00035		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00026		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00035		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Cumene	98-82-8	0.00033		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Dibromochloromethane	124-48-1	0.00039		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Dibromomethane	74-95-3	0.00039		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00061		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Diisopropyl ether	108-20-3	0.00028		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Ethyl benzene	100-41-4	0.0011		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00028		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	m,p-Xylene	179601-23-1	0.00073		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00026		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Methylene Chloride	75-09-2	0.00044		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	n-Butylbenzene	104-51-8	0.00068		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	n-Propylbenzene	103-65-1	0.00046		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	o-Xylene	95-47-6	0.00073		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	p-Cymene	99-87-6	0.00051		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	sec-Butylbenzene	135-98-8	0.00052		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Styrene	100-42-5	0.00033		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00013		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	tert Butyl alcohol	75-65-0	0.0081		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	tert-Butylbenzene	98-06-6	0.00037		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Tetrachloroethene	127-18-4	0.00057		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Toluene	108-88-3	0.00037		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00036		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00042		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Trichloroethene	79-01-6	0.00047		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00039		mg/kg	N		EPA 8260B
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	VOCs	Vinyl chloride	75-01-4	0.00027		mg/kg	N		EPA 8260B
DU-3	SA-49	SA49009-1.5BR	0.5-0.5	FD	SA49-1.5BR	12/15/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	713	713	mg/kg	Y		EPA 314.0
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	509	509	mg/kg	Y		EPA 314.0
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00042	0.00042	mg/kg	Y	J	EPA 8290
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000011	0.000011	mg/kg	Y		EPA 8290
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00016	0.00016	mg/kg	Y		EPA 8290
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000012	0.000012	mg/kg	Y		EPA 8290
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000071	0.000071	mg/kg	Y		EPA 8290
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000044	0.000044	mg/kg	Y		EPA 8290
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000015	0.0000015	mg/kg	Y		EPA 8290
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000033	0.000033	mg/kg	Y		EPA 8290
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000041	0.0000041	mg/kg	Y		EPA 8290
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000067	0.0000067	mg/kg	Y		EPA 8290
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000039	0.0000039	mg/kg	Y		EPA 8290
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00003	0.00003	mg/kg	Y		EPA 8290
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000022	0.0000022	mg/kg	Y		EPA 8290
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000079	0.0000079	mg/kg	Y		EPA 8290
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000017	0.000017	mg/kg	Y		EPA 8290
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000018	0.000018	mg/kg	Y	J	EPA 8290
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000081	0.00000081	mg/kg	Y	J	EPA 8290
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	General Chemistry	Moisture	MOIST	4.2	4.2	percent	Y		ASTM 2216
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	OCPs	Hexachlorobenzene	118-74-1	0.76	0.76	mg/kg	Y		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	PAHs	2-Methylnaphthalene	91-57-6	0.0035		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	PAHs	Acenaphthene	83-32-9	0.0062		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	PAHs	Acenaphthylene	208-96-8	0.0046		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	PAHs	Anthracene	120-12-7	0.0074		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0036		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0042		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.007		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0074		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.0052		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	PAHs	Chrysene	218-01-9	0.0061		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0048		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	PAHs	Fluoranthene	206-44-0	0.0087		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	PAHs	Fluorene	86-73-7	0.0043		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0055		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	PAHs	Naphthalene	91-20-3	0.0052		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	PAHs	Phenanthrene	85-01-8	0.011		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	PAHs	Pyrene	129-00-0	0.006		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	SVOCs	1,4-Dioxane	123-91-1	0.031		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.8		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.015		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	SVOCs	Diethylphthalate	84-66-2	0.73		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	SVOCs	Dimethylphthalate	131-11-3	0.0055		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.21		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0067		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	SVOCs	Nitrobenzene	98-95-3	0.011		mg/kg	N		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	SVOCs	Octachlorostyrene	29082-74-4	0.044	0.044	mg/kg	Y		EPA 8270C
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	SVOCs	Pyridine	110-86-1	0.17		mg/kg	N	UJ	EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Chlorine Oxyanions	Chlorate	14866-68-3	2.27	2.27	mg/kg	Y		EPA 300.1

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	9.77	9.77	mg/kg	Y		EPA 314.0
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00622	0.00622	mg/kg	Y	J	EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000221	0.000221	mg/kg	Y		EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00201	0.00201	mg/kg	Y	J	EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000192	0.000192	mg/kg	Y		EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00105	0.00105	mg/kg	Y	J	EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00102	0.00102	mg/kg	Y	J	EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000304	0.0000304	mg/kg	Y		EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000583	0.000583	mg/kg	Y	J	EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000542	0.0000542	mg/kg	Y		EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000859	0.0000859	mg/kg	Y		EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000649	0.0000649	mg/kg	Y		EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000409	0.000409	mg/kg	Y		EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000306	0.0000306	mg/kg	Y	JK	EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000129	0.000129	mg/kg	Y		EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000187	0.000187	mg/kg	Y		EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000227	0.000227	mg/kg	Y	J	EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000832	0.00000832	mg/kg	Y	JK	EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	HpCDD (total)	37871-00-4	0.000295	0.000295	mg/kg	Y		EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	HpCDF (total)	38998-75-3	0.00453	0.00453	mg/kg	Y		EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	HxCDD (total)	34465-46-8	0.000421	0.000421	mg/kg	Y		EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	HxCDF (total)	55684-94-1	0.00458	0.00458	mg/kg	Y		EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	PeCDD (total)	36088-22-9	0.000326	0.000326	mg/kg	Y		EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	PeCDF (total)	30402-15-4	0.00386	0.00386	mg/kg	Y		EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	TCDD (total)	41903-57-5	0.000359	0.000359	mg/kg	Y		EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Dioxins	TCDF (total)	30402-14-3	0.00373	0.00373	mg/kg	Y		EPA 8290
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	171	171	mg/kg	Y		SM 2320B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Ammonia	7664-41-7	0.060795905		mg/kg	N		EPA 350.1
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Bromide	24959-67-9	0.2		mg/kg	N		EPA 9056
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Carbonate as CO3	3812-32-6	3		mg/kg	N		SM 2320B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Chloride	16887-00-6	12.6	12.6	mg/kg	Y		EPA 9056
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Hydrogen carbonate	71-52-3	169	169	mg/kg	Y		SM 2320B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Methylene Blue Active Substances	MBAS	34.7	34.7	mg/kg	Y		SM 5540C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Nitrate	14797-55-8	518.1428571	518.1428571	mg/kg	Y		EPA 9056
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Nitrite	14797-65-0	0.08		mg/kg	N		EPA 353.2
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	pH	PH	8.31	8.31	SU	Y		EPA 9045D
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Sulfate	14808-79-8	98.7	98.7	mg/kg	Y		EPA 9056
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	General Chemistry	Total Organic Carbon	TOC	1040	1040	mg/kg	Y		LLOYD KAHN
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Aluminum	7429-90-5	9730	9730	mg/kg	Y		EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Arsenic	7440-38-2	3.13	3.13	mg/kg	Y		EPA 6020
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Barium	7440-39-3	213	213	mg/kg	Y		EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Beryllium	7440-41-7	0.559	0.559	mg/kg	Y		EPA 6020
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Boron	7440-42-8	5.9	5.9	mg/kg	Y	J	EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Cadmium	7440-43-9	0.11	0.11	mg/kg	Y	J	EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Calcium	7440-70-2	31900	31900	mg/kg	Y	J	EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Chromium (total)	7440-47-3	27.1	27.1	mg/kg	Y	J	EPA 6020
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Chromium VI	18540-29-9	1.3	1.3	mg/kg	Y		EPA 7199
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Cobalt	7440-48-4	6.7	6.7	mg/kg	Y		EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Copper	7440-50-8	22.1	22.1	mg/kg	Y		EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Iron	7439-89-6	16200	16200	mg/kg	Y		EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Lead	7439-92-1	10	10	mg/kg	Y		EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Magnesium	7439-95-4	8870	8870	mg/kg	Y		EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Manganese	7439-96-5	372	372	mg/kg	Y		EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Mercury	7439-97-6	0.017	0.017	mg/kg	Y	J	EPA 7471
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Molybdenum	7439-98-7	0.49	0.49	mg/kg	Y		EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Nickel	7440-02-0	15.7	15.7	mg/kg	Y	J	EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Phosphorus (total)	7723-14-0	674	674	mg/kg	Y		EPA 365.1M
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Platinum	7440-06-4	0.16	0.16	mg/kg	Y		EPA 6020
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Potassium	7440-09-7	2020	2020	mg/kg	Y		EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Selenium	7782-49-2	0.7		mg/kg	N		EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Sodium	7440-23-5	924	924	mg/kg	Y	J	EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Strontium	7440-24-6	204	204	mg/kg	Y		EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Thallium	7440-28-0	0.15	0.15	mg/kg	Y		EPA 6020
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Tin	7440-31-5	4.7	4.7	mg/kg	Y	J	EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Titanium	7440-32-6	857	857	mg/kg	Y		EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Tungsten	7440-33-7	0.3	0.3	mg/kg	Y	J-	EPA 6020
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Uranium (total)	7440-61-1	1.02	1.02	mg/kg	Y		EPA 6020
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Vanadium	7440-62-2	45	45	mg/kg	Y		EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	Metals	Zinc	7440-66-6	35.4	35.4	mg/kg	Y	J	EPA 6010
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	OCPs	Hexachlorobenzene	118-74-1	0.13	0.13	mg/kg	Y		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	PAHs	2-Methylnaphthalene	91-57-6	0.00059		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	PAHs	Acenaphthylene	208-96-8	0.00077		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	PAHs	Benzo(a)anthracene	56-55-3	0.0006		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	PAHs	Benzo(a)pyrene	50-32-8	0.0007		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00087		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0008		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	PAHs	Fluorene	86-73-7	0.00072		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00093		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	PAHs	Naphthalene	91-20-3	0.00088		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	PAHs	Phenanthrene	85-01-8	0.0019		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	RAD	Radium-226	Ra-226	0.912	0.912	pCi/g	Y		EPA 903.1 MOD
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	RAD	Radium-228	Ra-228	1.33	1.33	pCi/g	Y	J	EPA 904.0 MOD
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	RAD	Thorium-228	Th-228	1.89	1.89	pCi/g	Y		DOE EML HASL-300
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	RAD	Thorium-230	Th-230	1.02	1.02	pCi/g	Y		DOE EML HASL-300
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	RAD	Thorium-232	Th-232	1.47	1.47	pCi/g	Y		DOE EML HASL-300
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	RAD	Uranium-234	U-234	0.958	0.958	pCi/g	Y		DOE EML HASL-300
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	RAD	Uranium-235	U-235	0.034	0.034	pCi/g	Y		DOE EML HASL-300
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	RAD	Uranium-238	U-238	0.897	0.897	pCi/g	Y		DOE EML HASL-300
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	SVOCs	1,4-Dioxane	123-91-1	0.0052		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.14		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	SVOCs	Dimethylphthalate	131-11-3	0.00093		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.054	0.054	mg/kg	Y	J	EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.00071		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	SVOCs	Octachlorostyrene	29082-74-4	0.052	0.052	mg/kg	Y	J	EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	SVOCs	Pyridine	110-86-1	0.028		mg/kg	N		EPA 8270C
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	TPH	Oil Range Organics	TPH-MOTOR	43		mg/kg	N		EPA 8015B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	43		mg/kg	N		EPA 8015B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00023		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.0002		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00031		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.00022		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00016		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00031		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00038		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00068		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.0005		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00072		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00035		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00065		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00029		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00032		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00025		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00025		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00028		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00047		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00029		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.00056		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00027		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	2-Butanone	78-93-3	0.00072		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	2-Chlorotoluene	95-49-8	0.00042		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	2-Hexanone	591-78-6	0.00066		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	4-Chlorotoluene	106-43-4	0.00051		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.00062		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Acetone	67-64-1	0.008	0.008	mg/kg	Y	J+	EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Benzene	71-43-2	0.0002		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Bromobenzene	108-86-1	0.00029		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Bromochloromethane	74-97-5	0.00031		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Bromodichloromethane	75-27-4	0.0002		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Bromoform	75-25-2	0.0004		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Bromomethane	74-83-9	0.00043		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Carbon tetrachloride	56-23-5	0.00043		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Chlorobenzene	108-90-7	0.00021		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Chloroethane	75-00-3	0.00041		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Chloroform	67-66-3	0.00031		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Chloromethane	74-87-3	0.00029		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00021		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00029		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Cumene	98-82-8	0.00027		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Dibromochloromethane	124-48-1	0.00032		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Dibromomethane	74-95-3	0.00032		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00049		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Diisopropyl ether	108-20-3	0.00023		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Ethyl benzene	100-41-4	0.00083		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00023		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	m,p-Xylene	179601-23-1	0.0006		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00021		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Methylene Chloride	75-09-2	0.00036		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	n-Butylbenzene	104-51-8	0.00055		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	n-Propylbenzene	103-65-1	0.00037		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	o-Xylene	95-47-6	0.0006		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	p-Cymene	99-87-6	0.00042		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	sec-Butylbenzene	135-98-8	0.00043		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Styrene	100-42-5	0.00027		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00011		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	tert Butyl alcohol	75-65-0	0.0066		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	tert-Butylbenzene	98-06-6	0.00031		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Tetrachloroethene	127-18-4	0.00047		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Toluene	108-88-3	0.00031		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0003		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00034		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Trichloroethene	79-01-6	0.00038		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00032		mg/kg	N		EPA 8260B
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	VOCs	Vinyl chloride	75-01-4	0.00022		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Chlorine Oxyanions	Chlorate	14866-68-3	0.265	0.265	mg/kg	Y		EPA 300.1
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Chlorine Oxyanions	Perchlorate	14797-73-0	1690	1690	mg/kg	Y		EPA 314.0
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	General Chemistry	Alkalinity (as CaCO3)	ALKA	390	390	mg/kg	Y		SM 2320B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	General Chemistry	Ammonia	7664-41-7	59.57998672	59.57998672	mg/kg	Y		EPA 350.1
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	General Chemistry	Bromide	24959-67-9	0.7		mg/kg	N		EPA 9056
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	General Chemistry	Carbonate as CO3	3812-32-6	18	18	mg/kg	Y	J	SM 2320B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	General Chemistry	Chloride	16887-00-6	243	243	mg/kg	Y	J+	EPA 9056
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	General Chemistry	Cyanide (total)	57-12-5	0.42		mg/kg	N		EPA 9012A
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	General Chemistry	Hydrogen carbonate	71-52-3	372	372	mg/kg	Y		SM 2320B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	General Chemistry	Methylene Blue Active Substances	MBAS	1.6	1.6	mg/kg	Y	J	SM 5540C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	General Chemistry	Nitrate	14797-55-8	202.8285714	202.8285714	mg/kg	Y	J+	EPA 9056
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	General Chemistry	Nitrite	14797-65-0	2.29	2.29	mg/kg	Y		EPA 353.2
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	General Chemistry	pH	PH	8.43	8.43	SU	Y		EPA 9045D
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	General Chemistry	Sulfate	14808-79-8	320	320	mg/kg	Y	J	EPA 9056
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	General Chemistry	Total Organic Carbon	TOC	1030	1030	mg/kg	Y	J-	LLOYD KAHN
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Aluminum	7429-90-5	8620	8620	mg/kg	Y		EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Antimony	7440-36-0	0.5		mg/kg	N	UJ	EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Arsenic	7440-38-2	4.6	4.6	mg/kg	Y	J	EPA 6020
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Barium	7440-39-3	166	166	mg/kg	Y		EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Beryllium	7440-41-7	0.463	0.463	mg/kg	Y	J	EPA 6020
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Boron	7440-42-8	6.1	6.1	mg/kg	Y	J	EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Cadmium	7440-43-9	0.19	0.19	mg/kg	Y		EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Calcium	7440-70-2	39000	39000	mg/kg	Y	J	EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Chromium (total)	7440-47-3	10.7	10.7	mg/kg	Y	J	EPA 6020
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Chromium VI	18540-29-9	0.2		mg/kg	N		EPA 7199
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Cobalt	7440-48-4	7.7	7.7	mg/kg	Y		EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Copper	7440-50-8	19.2	19.2	mg/kg	Y		EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Iron	7439-89-6	14900	14900	mg/kg	Y		EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Lead	7439-92-1	8.1	8.1	mg/kg	Y		EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Magnesium	7439-95-4	11300	11300	mg/kg	Y		EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Manganese	7439-96-5	390	390	mg/kg	Y	J	EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Mercury	7439-97-6	0.014	0.014	mg/kg	Y	J	EPA 7471A
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Molybdenum	7439-98-7	0.97	0.97	mg/kg	Y		EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Nickel	7440-02-0	13.1	13.1	mg/kg	Y	J	EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Phosphorus (total)	7723-14-0	769	769	mg/kg	Y		EPA 365.1M
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Platinum	7440-06-4	0.014	0.014	mg/kg	Y	J	EPA 6020
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Potassium	7440-09-7	2000	2000	mg/kg	Y		EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Selenium	7782-49-2	0.8		mg/kg	N		EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Silver	7440-22-4	0.2		mg/kg	N		EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Sodium	7440-23-5	874	874	mg/kg	Y		EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Strontium	7440-24-6	230	230	mg/kg	Y		EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Thallium	7440-28-0	0.1	0.1	mg/kg	Y		EPA 6020
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Tin	7440-31-5	4	4	mg/kg	Y	J	EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Titanium	7440-32-6	747	747	mg/kg	Y	J	EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Tungsten	7440-33-7	0.23	0.23	mg/kg	Y		EPA 6020

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Uranium (total)	7440-61-1	1.88	1.88	mg/kg	Y		EPA 6020
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Vanadium	7440-62-2	43.1	43.1	mg/kg	Y		EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	Metals	Zinc	7440-66-6	31.1	31.1	mg/kg	Y	J	EPA 6010B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	OCPs	Hexachlorobenzene	118-74-1	0.034	0.034	mg/kg	Y		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	PAHs	2-Methylnaphthalene	91-57-6	0.0006		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	PAHs	Acenaphthene	83-32-9	0.0011		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	PAHs	Acenaphthylene	208-96-8	0.00079		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	PAHs	Anthracene	120-12-7	0.0013		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	PAHs	Benzo(a)anthracene	56-55-3	0.00061		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	PAHs	Benzo(a)pyrene	50-32-8	0.00071		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	PAHs	Benzo(b)fluoranthene	205-99-2	0.0012		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0013		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	PAHs	Benzo(k)fluoranthene	207-08-9	0.00088		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	PAHs	Chrysene	218-01-9	0.0011		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	PAHs	Dibenz(a,h)anthracene	53-70-3	0.00082		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	PAHs	Fluoranthene	206-44-0	0.0015		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	PAHs	Fluorene	86-73-7	0.00073		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.00094		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	PAHs	Naphthalene	91-20-3	0.00089		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	PAHs	Phenanthrene	85-01-8	0.0036	0.0036	mg/kg	Y	J	EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	PAHs	Pyrene	129-00-0	0.0011		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	RAD	Radium-226	Ra-226	1.32	1.32	pCi/g	Y		EPA 903.1 MOD
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	RAD	Radium-228	Ra-228	0.45		pCi/g	N	UJ	EPA 904.0 MOD
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	RAD	Thorium-228	Th-228	1.84	1.84	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	RAD	Thorium-230	Th-230	1.25	1.25	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	RAD	Thorium-232	Th-232	1.87	1.87	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	RAD	Uranium-234	U-234	1.34	1.34	pCi/g	Y		DOE EML HASL-300 U MOD
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	RAD	Uranium-235	U-235	0.031		pCi/g	N	UJ	DOE EML HASL-300 U MOD
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	RAD	Uranium-238	U-238	1.11	1.11	pCi/g	Y		DOE EML HASL-300 U MOD
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	SVOCs	1,4-Dioxane	123-91-1	0.0053		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.17	0.17	mg/kg	Y	J	EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	SVOCs	Butylbenzylphthalate	85-68-7	0.0025		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	SVOCs	Diethylphthalate	84-66-2	0.13		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	SVOCs	Dimethylphthalate	131-11-3	0.00094		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	SVOCs	Di-n-butylphthalate	84-74-2	0.035		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	SVOCs	Di-n-octylphthalate	117-84-0	0.0012		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	SVOCs	Hexachlorobutadiene	87-68-3	0.0014		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	SVOCs	Nitrobenzene	98-95-3	0.0019		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	SVOCs	Octachlorostyrene	29082-74-4	0.013	0.013	mg/kg	Y		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	SVOCs	Pyridine	110-86-1	0.029		mg/kg	N		EPA 8270C
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00051		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	1,1,1-Trichloroethane	71-55-6	0.00039		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00073		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	1,1,2-Trichloroethane	79-00-5	0.0011		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	1,1-Dichloroethane	75-34-3	0.00084		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	1,1-Dichloroethene	75-35-4	0.00068		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	1,1-Dichloropropene	563-58-6	0.00073		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0014		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	1,2,3-Trichloropropane	96-18-4	0.00097		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0017		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0012		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0013		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	1,2-Dibromoethane	106-93-4	0.00055		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	1,2-Dichlorobenzene	95-50-1	0.00071		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	1,2-Dichloroethane	107-06-2	0.00064		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	1,2-Dichloropropane	78-87-5	0.00071		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00095		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	1,3-Dichlorobenzene	541-73-1	0.00095		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	1,3-Dichloropropane	142-28-9	0.00066		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	1,4-Dichlorobenzene	106-46-7	0.0013		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	2,2-Dichloropropane	594-20-7	0.00061		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	2-Butanone	78-93-3	0.0021	0.0021	mg/kg	Y	J	EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	2-Chlorotoluene	95-49-8	0.0012		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	2-Hexanone	591-78-6	0.0013		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	4-Chlorotoluene	106-43-4	0.00099		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	4-Methyl-2-pentanone	108-10-1	0.0012		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Acetone	67-64-1	0.0077	0.0077	mg/kg	Y	J+	EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Benzene	71-43-2	0.00084		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Bromobenzene	108-86-1	0.00075		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Bromochloromethane	74-97-5	0.00075		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Bromodichloromethane	75-27-4	0.00093		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Bromoform	75-25-2	0.00077		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Bromomethane	74-83-9	0.0015		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Carbon tetrachloride	56-23-5	0.00082		mg/kg	N		EPA 8260B

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Chlorobenzene	108-90-7	0.00088		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Chloroethane	75-00-3	0.00088		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Chloroform	67-66-3	0.00079		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Chloromethane	74-87-3	0.0011		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00057		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00062		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Cumene	98-82-8	0.00092		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Dibromochloromethane	124-48-1	0.00061		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Dibromomethane	74-95-3	0.00061		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Dichlorodifluoromethane	75-71-8	0.00095		mg/kg	N	UJ	EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Diisopropyl ether	108-20-3	0.00044		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Ethyl benzene	100-41-4	0.0017		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Ethyl tert-butyl ether	637-92-3	0.00044		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	m,p-Xylene	179601-23-1	0.0017		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Methyl tert-butyl ether	1634-04-4	0.00057		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Methylene Chloride	75-09-2	0.0018	0.0018	mg/kg	Y	J	EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	n-Butylbenzene	104-51-8	0.0014		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	n-Propylbenzene	103-65-1	0.00093		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	o-Xylene	95-47-6	0.0012		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	p-Cymene	99-87-6	0.0012		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	sec-Butylbenzene	135-98-8	0.0012		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Styrene	100-42-5	0.00082		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	t-Amyl methyl ether	994-05-8	0.00021		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	tert Butyl alcohol	75-65-0	0.013		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	tert-Butylbenzene	98-06-6	0.0011		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Tetrachloroethene	127-18-4	0.0009		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Toluene	108-88-3	0.00059		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00095		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00068		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Trichloroethene	79-01-6	0.00073		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Trichlorofluoromethane	75-69-4	0.00061		mg/kg	N		EPA 8260B
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	VOCs	Vinyl chloride	75-01-4	0.00086		mg/kg	N		EPA 8260B
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	OCPs	Hexachlorobenzene	118-74-1	0.28	0.28	mg/kg	Y	J	EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	PAHs	Benzo(a)anthracene	56-55-3	0.032	0.032	mg/kg	Y	J	EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	PAHs	Benzo(a)pyrene	50-32-8	0.035	0.035	mg/kg	Y	J	EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.089	0.089	mg/kg	Y	J	EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.038	0.038	mg/kg	Y	J-	EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.041		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	PAHs	Chrysene	218-01-9	0.061	0.061	mg/kg	Y	J	EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	PAHs	Fluoranthene	206-44-0	0.053	0.053	mg/kg	Y	J	EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.031	0.031	mg/kg	Y	J	EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	PAHs	Phenanthrene	85-01-8	0.02	0.02	mg/kg	Y	J	EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	PAHs	Pyrene	129-00-0	0.048	0.048	mg/kg	Y	J	EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	SVOCs	1,4-Dioxane	123-91-1	0.068		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.19	0.19	mg/kg	Y	J	EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.044		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.087	0.087	mg/kg	Y	J	EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	SVOCs	Octachlorostyrene	29082-74-4	0.68	0.68	mg/kg	Y		EPA 8270C
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	OCPs	Hexachlorobenzene	118-74-1	0.099	0.099	mg/kg	Y	J	EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	PAHs	2-Methylnaphthalene	91-57-6	0.019		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	PAHs	Acenaphthene	83-32-9	0.01		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	PAHs	Acenaphthylene	208-96-8	0.017		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	PAHs	Anthracene	120-12-7	0.017		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	PAHs	Benzo(a)anthracene	56-55-3	0.02		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	PAHs	Benzo(a)pyrene	50-32-8	0.02		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.026		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.016		mg/kg	N	UJ	EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.04		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	PAHs	Chrysene	218-01-9	0.027		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.019		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	PAHs	Fluoranthene	206-44-0	0.036		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	PAHs	Fluorene	86-73-7	0.018		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.022		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	PAHs	Naphthalene	91-20-3	0.031		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	PAHs	Phenanthrene	85-01-8	0.017		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	PAHs	Pyrene	129-00-0	0.012		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	SVOCs	1,4-Dioxane	123-91-1	0.067		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.16	0.16	mg/kg	Y	J	EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.043		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	SVOCs	Diethylphthalate	84-66-2	0.35	0.35	mg/kg	Y	J	EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	SVOCs	Dimethylphthalate	131-11-3	0.023		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.029		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	SVOCs	Nitrobenzene	98-95-3	0.022		mg/kg	N		EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	SVOCs	Octachlorostyrene	29082-74-4	0.11	0.11	mg/kg	Y	J	EPA 8270C
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	SVOCs	Pyridine	110-86-1	0.13		mg/kg	N		EPA 8270C
DU-3	SSAM5-02	SSAM5-02-5BPC	0-0	N	--	5/17/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	420	420	mg/kg	Y		EPA 314.0
DU-3	SSAM5-02	SSAM5-02-6BPC	0-0	N	--	4/15/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	440	440	mg/kg	Y		EPA 314.0
DU-3	SSAM5-02	SSAM5-02-6BPC_FD	0-0	FD	SSAM5-02-6BPC	4/15/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	520	520	mg/kg	Y		EPA 314.0
DU-3	SSAM5-02	SSAM5-02-8BPC	0-1	N	--	4/15/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	360	360	mg/kg	Y		EPA 314.0
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	0.071	0.071	mg/kg	Y		EPA 314.0
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	Metals	Arsenic	7440-38-2	4.3	4.3	mg/kg	Y		EPA 6020
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	Metals	Lead	7439-92-1	11	11	mg/kg	Y		EPA 6020
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	4,4'-DDD	72-54-8	0.0033		mg/kg	N		EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	4,4'-DDE	72-55-9	0.037	0.037	mg/kg	Y	J+	EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	4,4'-DDT	50-29-3	0.057	0.057	mg/kg	Y	J+	EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	Aldrin	309-00-2	0.0015		mg/kg	N		EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	alpha-BHC	319-84-6	0.0013		mg/kg	N		EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	alpha-Chlordane	5103-71-9	0.0019		mg/kg	N		EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	beta-BHC	319-85-7	0.014	0.014	mg/kg	Y	J+	EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	delta-BHC	319-86-8	0.0024		mg/kg	N		EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	Dieldrin	60-57-1	0.0013		mg/kg	N		EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	Endosulfan I	959-98-8	0.001		mg/kg	N		EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	Endosulfan II	33213-65-9	0.0017		mg/kg	N		EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	Endosulfan sulfate	1031-07-8	0.0016		mg/kg	N		EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	Endrin	72-20-8	0.0018		mg/kg	N		EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	Endrin aldehyde	7421-93-4	0.001		mg/kg	N		EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	Endrin ketone	53494-70-5	0.0029		mg/kg	N		EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	gamma-BHC	58-89-9	0.0028		mg/kg	N		EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N		EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	Heptachlor	76-44-8	0.0013		mg/kg	N		EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	Heptachlor epoxide	1024-57-3	0.0025		mg/kg	N		EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	Hexachlorobenzene	118-74-1	0.094	0.094	mg/kg	Y	J+	EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	Methoxychlor	72-43-5	0.0027		mg/kg	N		EPA 8081A
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	Toxaphene	8001-35-2	0.094		mg/kg	N		EPA 8081A
DU-3	SSAM6-01	SSAM6-01-10BPC	0-0	N	--	4/9/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	1100	1100	mg/kg	Y	J-	EPA 314.0
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0024	0.0024	mg/kg	Y	J	EPA 8290
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00008	0.00008	mg/kg	Y		EPA 8290
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0009	0.0009	mg/kg	Y		EPA 8290
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000074	0.000074	mg/kg	Y		EPA 8290
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00039	0.00039	mg/kg	Y		EPA 8290
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00038	0.00038	mg/kg	Y		EPA 8290
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00001	0.00001	mg/kg	Y		EPA 8290
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00031	0.00031	mg/kg	Y		EPA 8290
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000022	0.000022	mg/kg	Y		EPA 8290
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000053	0.000053	mg/kg	Y		EPA 8290
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000014	0.000014	mg/kg	Y		EPA 8290
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00021	0.00021	mg/kg	Y		EPA 8290
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000015	0.000015	mg/kg	Y		EPA 8290
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000073	0.000073	mg/kg	Y		EPA 8290
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00011	0.00011	mg/kg	Y		EPA 8290
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000004	0.000004	mg/kg	Y		EPA 8290
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	General Chemistry	Moisture	MOIST	4.1	4.1	percent	Y		ASTM 2216
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	Metals	Arsenic	7440-38-2	3.5	3.5	mg/kg	Y		EPA 6020
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	OCPs	Hexachlorobenzene	118-74-1	0.09	0.09	mg/kg	Y	J	EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	PAHs	2-Methylnaphthalene	91-57-6	0.02		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	PAHs	Acenaphthene	83-32-9	0.011		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	PAHs	Acenaphthylene	208-96-8	0.018		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	PAHs	Anthracene	120-12-7	0.018		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	PAHs	Benzo(a)anthracene	56-55-3	0.021		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	PAHs	Benzo(a)pyrene	50-32-8	0.021		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	PAHs	Benzo(b)fluoranthene	205-99-2	0.027		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	PAHs	Benzo(g,h,i)perylene	191-24-2	0.017		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	PAHs	Benzo(k)fluoranthene	207-08-9	0.042		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	PAHs	Chrysene	218-01-9	0.028		mg/kg	N		EPA 8270C

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	PAHs	Dibenz(a,h)anthracene	53-70-3	0.02		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	PAHs	Fluoranthene	206-44-0	0.038		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	PAHs	Fluorene	86-73-7	0.019		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.023		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	PAHs	Naphthalene	91-20-3	0.032		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	PAHs	Phenanthrene	85-01-8	0.018		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	PAHs	Pyrene	129-00-0	0.013		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	SVOCs	1,4-Dioxane	123-91-1	0.069		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.048		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	SVOCs	Butylbenzylphthalate	85-68-7	0.045		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	SVOCs	Diethylphthalate	84-66-2	0.027		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	SVOCs	Dimethylphthalate	131-11-3	0.024		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	SVOCs	Di-n-butylphthalate	84-74-2	0.03		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	SVOCs	Nitrobenzene	98-95-3	0.023		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	SVOCs	Octachlorostyrene	29082-74-4	0.059		mg/kg	N		EPA 8270C
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	SVOCs	Pyridine	110-86-1	0.14		mg/kg	N		EPA 8270C
DU-3	SSAN5-03	SSAN5-03-5BPC	0-0	N	--	5/17/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	0.74	0.74	mg/kg	Y		EPA 314.0
DU-3	SSAN5-05	SSAN5-05-0.0_02_BPC	0-0	N	--	11/2/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	3.7	3.7	mg/kg	Y		EPA 314.0
DU-3	SSAN5-05	SSAN5-05-0.0_02_BPC	0-0	N	--	11/2/2010	General Chemistry	Moisture	MOIST	6.2	6.2	percent	Y		ASTM 2216
DU-3	SSAN5-05	SSAN5-05-0.0_02_BPC	0-0	N	--	11/2/2010	General Chemistry	Total Solids	RESTOT	94	94	percent	Y		ASTM 2216
DU-3	SSAN6-01	SSAN6-01-5BPC	0-1	N	--	4/14/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	38	38	mg/kg	Y		EPA 314.0
DU-3	SSAN6-01	SSAN6-01-5BPC_FD	0-1	FD	SSAN6-01-5BPC	4/14/2010	Chlorine Oxyanions	Perchlorate	14797-73-0	33	33	mg/kg	Y		EPA 314.0
DU-3	SSAN6-07	SSAN6-07-7BPC	0-1	N	--	4/28/2010	Metals	Arsenic	7440-38-2	3.6	3.6	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Chlorine Oxyanions	Chlorate	14866-68-3	1		mg/kg	N	UJ	EPA 300
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Chlorine Oxyanions	Perchlorate	14797-73-0	0.779	0.779	mg/kg	Y		EPA 314.0
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00000044		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000054		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00000017		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000011		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000012		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000001		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000011		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000000098		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000013		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000001		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000017		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000001		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000015		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000001		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000001		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000024		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000001		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	General Chemistry	Bromide	24959-67-9	0.065		mg/kg	N	UJ	EPA 300
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	General Chemistry	Chloride	16887-00-6	13.4	13.4	mg/kg	Y	J	EPA 300
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	General Chemistry	Chlorite	7758-19-2	0.04		mg/kg	N	U	EPA 300.1M
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	General Chemistry	Fluoride	16984-48-8	0.26		mg/kg	N	U	EPA 300
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	General Chemistry	Nitrate	14797-55-8	7.528571429	7.528571429	mg/kg	Y	J	EPA 300
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	General Chemistry	ortho-Phosphate	11-36-9	1.7		mg/kg	N	UJ	EPA 300
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	General Chemistry	Sulfate	14808-79-8	79.8	79.8	mg/kg	Y	J	EPA 300
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Aluminum	7429-90-5	7400	7400	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Antimony	7440-36-0	0.18	0.18	mg/kg	Y	J-	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Arsenic	7440-38-2	3.4	3.4	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Barium	7440-39-3	171	171	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Beryllium	7440-41-7	0.48	0.48	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Boron	7440-42-8	7.3	7.3	mg/kg	Y	J	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Cadmium	7440-43-9	0.071	0.071	mg/kg	Y	J	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Calcium	7440-70-2	22800	22800	mg/kg	Y	J-	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Chromium (total)	7440-47-3	8.2	8.2	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Chromium VI	18540-29-9	0.16		mg/kg	N	U	EPA 7196A
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Cobalt	7440-48-4	6	6	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Copper	7440-50-8	13.2	13.2	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Iron	7439-89-6	11400	11400	mg/kg	Y	J	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Lead	7439-92-1	7.1	7.1	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Lithium	7439-93-2	21.9	21.9	mg/kg	Y		EPA 6010
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Magnesium	7439-95-4	9840	9840	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Manganese	7439-96-5	262	262	mg/kg	Y	J	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Mercury	7439-97-6	0.01	0.01	mg/kg	Y	J	EPA 7471
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Molybdenum	7439-98-7	0.43	0.43	mg/kg	Y	J	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Nickel	7440-02-0	12.5	12.5	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Niobium	7440-03-1	1.5118		mg/kg	N	U	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Palladium	7440-05-3	0.51	0.51	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Phosphorus (total)	7723-14-0	885	885	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Platinum	7440-06-4	0.02		mg/kg	N	U	EPA 6020

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Potassium	7440-09-7	1520	1520	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Selenium	7782-49-2	0.32		mg/kg	N	U	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Silicon	7440-21-3	72.5	72.5	mg/kg	Y	J	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Silver	7440-22-4	0.086	0.086	mg/kg	Y	J	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Sodium	7440-23-5	583	583	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Strontium	7440-24-6	253	253	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Sulfur	7704-34-9	451	451	mg/kg	Y	J	EPA 6010
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Thallium	7440-28-0	0.22	0.22	mg/kg	Y	J	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Tin	7440-31-5	0.43	0.43	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Titanium	7440-32-6	442	442	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Tungsten	7440-33-7	0.43	0.43	mg/kg	Y	J	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Uranium (total)	7440-61-1	1.5	1.5	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Vanadium	7440-62-2	34.8	34.8	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Zinc	7440-66-6	27.1	27.1	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Metals	Zirconium	7440-67-7	18	18	mg/kg	Y	J	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	2,4'-DDD	53-19-0	0.00012		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	2,4'-DDE	3424-82-6	0.000093		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	4,4'-DDD	72-54-8	0.00017		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	4,4'-DDE	72-55-9	0.00026		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	4,4'-DDT	50-29-3	0.00044		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	Aldrin	309-00-2	0.000091		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	alpha-BHC	319-84-6	0.0001		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	alpha-Chlordane	5103-71-9	0.0001		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	beta-BHC	319-85-7	0.00036		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	Chlordane (total)	57-74-9	0.0024		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	delta-BHC	319-86-8	0.000086		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	Dieldrin	60-57-1	0.000075		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	Endosulfan I	959-98-8	0.000086		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	Endosulfan II	33213-65-9	0.00015		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	Endosulfan sulfate	1031-07-8	0.00012		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	Endrin	72-20-8	0.000086		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	Endrin aldehyde	7421-93-4	0.00011		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	Endrin ketone	53494-70-5	0.0004		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	gamma-BHC	58-89-9	0.000086		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	gamma-Chlordane	5103-74-2	0.000089		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	Heptachlor	76-44-8	0.00061		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	Heptachlor epoxide	1024-57-3	0.00012		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	Hexachlorobenzene	118-74-1	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	Methoxychlor	72-43-5	0.00073		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	Toxaphene	8001-35-2	0.0074		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	Organics	Phthalic acid	88-99-3	0.26		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	PAHs	2-Methylnaphthalene	91-57-6	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	PAHs	Acenaphthene	83-32-9	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	PAHs	Acenaphthylene	208-96-8	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	PAHs	Anthracene	120-12-7	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(a)anthracene	56-55-3	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(a)pyrene	50-32-8	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(b)fluoranthene	205-99-2	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(g,h,i)perylene	191-24-2	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	PAHs	Benzo(k)fluoranthene	207-08-9	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	PAHs	Chrysene	218-01-9	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	PAHs	Dibenz(a,h)anthracene	53-70-3	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	PAHs	Fluoranthene	206-44-0	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	PAHs	Fluorene	86-73-7	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	PAHs	Naphthalene	91-20-3	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	PAHs	Phenanthrene	85-01-8	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	PAHs	Pyrene	129-00-0	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	RAD	Radium-226	Ra-226	1.3	1.3	pCi/g	Y		EPA 901.1
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	RAD	Radium-228	Ra-228	1.62	1.62	pCi/g	Y		EPA 901.1
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	RAD	Thorium-228	Th-228	1.64	1.64	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	RAD	Thorium-230	Th-230	1.76	1.76	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	RAD	Thorium-232	Th-232	1.42	1.42	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	RAD	Uranium-234	U-234	1.98	1.98	pCi/g	Y		DOE EML HASL-300 U MOD
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	RAD	Uranium-235	U-235	0.0505		pCi/g	N	U	DOE EML HASL-300 U MOD
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	RAD	Uranium-238	U-238	1.55	1.55	pCi/g	Y		DOE EML HASL-300 U MOD
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	1,2,4,5-Tetrachlorobenzene	95-94-3	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	1,2-Diphenylhydrazine	122-66-7	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	1,4-Dioxane	123-91-1	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	2,2'-/4,4'-Dichlorobenzil	DICHLOROBENZIL	0.07		mg/kg	N	U	EPA 8270C
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	2,4-Dichlorophenol	120-83-2	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	2,4-Dimethylphenol	105-67-9	0.034		mg/kg	N	U	EPA 8270

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	2,4-Dinitrophenol	51-28-5	0.34		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	2,4-Dinitrotoluene	121-14-2	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	2,6-Dinitrotoluene	606-20-2	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	2-Chloronaphthalene	91-58-7	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	2-Chlorophenol	95-57-8	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	2-Methylphenol	95-48-7	0.12		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	2-Nitroaniline	88-74-4	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	2-Nitrophenol	88-75-5	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	3&4-Methylphenol	1319-77-3MP	0.069		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	3-Nitroaniline	99-09-2	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chloroaniline	106-47-8	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chlorothioanisole	123-09-1	0.0079		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	4-Chlorothiophenol	106-54-7	0.19		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	4-Nitroaniline	100-01-6	0.34		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	4-Nitrophenol	100-02-7	0.34		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Acetophenone	98-86-2	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Aniline	62-53-3	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Azobenzene	103-33-3	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Benzenethiol	108-98-5	0.13		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Benzoic acid	65-85-0	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Benzyl alcohol	100-51-6	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	bis(2-Chloro-1-methylethyl) ether	108-60-1	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	bis(4-Chlorophenyl) disulfide	1142-19-4	0.21		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	bis(4-Chlorophenyl) sulfone	80-07-9	0.33		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Butylbenzylphthalate	85-68-7	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Carbazole	86-74-8	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Dibenzofuran	132-64-9	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Diethylphthalate	84-66-2	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Dimethylphthalate	131-11-3	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Di-n-butylphthalate	84-74-2	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Di-n-octylphthalate	117-84-0	0.015		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Diphenyl disulfide	882-33-7	0.03		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Diphenyl sulfide	139-66-2	0.0037		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Diphenyl sulfone	127-63-9	0.0069		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Hexachlorobutadiene	87-68-3	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.34		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Hexachloroethane	67-72-1	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Hydroxymethyl phthalimide	118-29-6	0.045		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Isophorone	78-59-1	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Nitrobenzene	98-95-3	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Octachlorostyrene	29082-74-4	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Pentachlorobenzene	608-93-5	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Pentachlorophenol	87-86-5	0.34		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Phenol	108-95-2	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	SVOCs	Pyridine	110-86-1	0.034		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00023		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,1,1-Trichloroethane	71-55-6	0.00015		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00015		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,1,2-Trichloroethane	79-00-5	0.00029		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,1-Dichloroethane	75-34-3	0.00099		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,1-Dichloroethene	75-35-4	0.00057		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,1-Dichloropropene	563-58-6	0.0003		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00081		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,2,3-Trichloropropane	96-18-4	0.00058		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00076		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00023		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00092		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dichlorobenzene	95-50-1	0.00016		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dichloroethane	107-06-2	0.00045		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dichloroethene	540-59-0	0.00056		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,2-Dichloropropane	78-87-5	0.00039		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,3,5-Trichlorobenzene	108-70-3	0.0007		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00022		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,3-Dichlorobenzene	541-73-1	0.00013		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,3-Dichloropropane	142-28-9	0.00019		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	1,4-Dichlorobenzene	106-46-7	0.00011		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	2,2,3-Trimethylbutane	464-06-2	0.00022		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	2,2-Dichloropropane	594-20-7	0.00018		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	2,2-Dimethylpentane	590-35-2	0.00028		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	2,3-Dimethylpentane	565-59-3	0.00023		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	2,4-Dimethylpentane	108-08-7	0.0002		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	2-Butanone	78-93-3	0.0014		mg/kg	N	UJ	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	2-Chlorotoluene	95-49-8	0.00047		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	2-Hexanone	591-78-6	0.00029		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	2-Methylhexane	591-76-4	0.00021		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	2-Nitropropane	79-46-9	0.0018		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	3,3-Dimethylpentane	562-49-2	0.00021		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	3-Ethylpentane	617-78-7	0.00022		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	3-Methylhexane	589-34-4	0.00015		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	4-Chlorotoluene	106-43-4	0.00091		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	4-Methyl-2-pentanone	108-10-1	0.0017		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Acetone	67-64-1	0.0039		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Acetonitrile	75-05-8	0.0021		mg/kg	N	UJ	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Benzene	71-43-2	0.00018		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Bromobenzene	108-86-1	0.00023		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Bromochloromethane	74-97-5	0.00043		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Bromodichloromethane	75-27-4	0.00035		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Bromoform	75-25-2	0.00025		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Bromomethane	74-83-9	0.00032		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Carbon disulfide	75-15-0	0.00057		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Carbon tetrachloride	56-23-5	0.00094		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Chlorobenzene	108-90-7	0.00013		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Chloroethane	75-00-3	0.00036		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Chloroform	67-66-3	0.00015		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Chloromethane	74-87-3	0.00046		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00044		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00075		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Cumene	98-82-8	0.00018		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Dibromochloromethane	124-48-1	0.0003		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Dibromomethane	74-95-3	0.00036		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Dichlorodifluoromethane	75-71-8	0.00039		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Dimethyl disulfide	624-92-0	0.00022		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Ethanol	64-17-5	0.2		mg/kg	N	UJ	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Ethyl benzene	100-41-4	0.00019		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Freon 113	76-13-1	0.00055		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Iodomethane	74-88-4	0.00027		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	m,p-Xylene	179601-23-1	0.00059		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Methyl tert-butyl ether	1634-04-4	0.00048		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Methylene Chloride	75-09-2	0.0026		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	n-Butylbenzene	104-51-8	0.00055		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	n-Heptane	142-82-5	0.00017		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	n-Nonyl aldehyde	124-19-6	0.00091		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	n-Propylbenzene	103-65-1	0.00098		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	o-Xylene	95-47-6	0.00032		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	p-Cymene	99-87-6	0.00025		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	sec-Butylbenzene	135-98-8	0.00025		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Styrene	100-42-5	0.0012		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	tert-Butylbenzene	98-06-6	0.00027		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Tetrachloroethene	127-18-4	0.00028		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Toluene	108-88-3	0.00014		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00023		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00021		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Trichloroethene	79-01-6	0.00037		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Trichlorofluoromethane	75-69-4	0.00052		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Vinyl acetate	108-05-4	0.00018		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Vinyl chloride	75-01-4	0.00025		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	VOCs	Xylenes (total)	1330-20-7	0.00089		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Chlorine Oxyanions	Chlorate	14866-68-3	1.1		mg/kg	N	UJ	EPA 300
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Chlorine Oxyanions	Perchlorate	14797-73-0	0.477	0.477	mg/kg	Y		EPA 314.0
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00000052		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00000064		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00000015		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000016		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00000012		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000001		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000011		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000008		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000018		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.00000015		mg/kg	N	U	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000011		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00000011		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000015		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000009		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.00000011		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.00000016		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.000000069		mg/kg	N	U	EPA 8290
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	General Chemistry	Bromide	24959-67-9	0.066		mg/kg	N	UJ	EPA 300
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	General Chemistry	Chloride	16887-00-6	3.6	3.6	mg/kg	Y	J	EPA 300
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	General Chemistry	Chlorite	7758-19-2	0.04		mg/kg	N	U	EPA 300.1M
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	General Chemistry	Fluoride	16984-48-8	0.75	0.75	mg/kg	Y	J	EPA 300
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	General Chemistry	Nitrate	14797-55-8	2.302857143	2.302857143	mg/kg	Y	J	EPA 300
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	General Chemistry	ortho-Phosphate	11-36-9	1.7		mg/kg	N	UJ	EPA 300
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	General Chemistry	Sulfate	14808-79-8	22.1	22.1	mg/kg	Y	J	EPA 300
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Aluminum	7429-90-5	7970	7970	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Antimony	7440-36-0	0.19	0.19	mg/kg	Y	J-	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Arsenic	7440-38-2	2.9	2.9	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Barium	7440-39-3	170	170	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Beryllium	7440-41-7	0.51	0.51	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Boron	7440-42-8	6.7	6.7	mg/kg	Y	J	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Cadmium	7440-43-9	0.076	0.076	mg/kg	Y	J	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Calcium	7440-70-2	26900	26900	mg/kg	Y	J-	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Chromium (total)	7440-47-3	11.1	11.1	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Chromium VI	18540-29-9	0.16		mg/kg	N	U	EPA 7196A
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Cobalt	7440-48-4	7.8	7.8	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Copper	7440-50-8	15.6	15.6	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Iron	7439-89-6	13400	13400	mg/kg	Y	J	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Lead	7439-92-1	9.8	9.8	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Lithium	7439-93-2	15.8	15.8	mg/kg	Y		EPA 6010
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Magnesium	7439-95-4	10100	10100	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Manganese	7439-96-5	341	341	mg/kg	Y	J	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Mercury	7439-97-6	0.0089	0.0089	mg/kg	Y	J	EPA 7471
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Molybdenum	7439-98-7	0.52	0.52	mg/kg	Y	J	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Nickel	7440-02-0	16.7	16.7	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Niobium	7440-03-1	1.5118		mg/kg	N	U	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Palladium	7440-05-3	0.53	0.53	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Phosphorus (total)	7723-14-0	1140	1140	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Platinum	7440-06-4	0.02		mg/kg	N	U	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Potassium	7440-09-7	1730	1730	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Selenium	7782-49-2	0.32		mg/kg	N	U	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Silicon	7440-21-3	147	147	mg/kg	Y	J	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Silver	7440-22-4	0.1	0.1	mg/kg	Y	J	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Sodium	7440-23-5	542	542	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Strontium	7440-24-6	225	225	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Sulfur	7704-34-9	421.4		mg/kg	N	U	EPA 6010
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Thallium	7440-28-0	0.21	0.21	mg/kg	Y	J	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Tin	7440-31-5	0.54	0.54	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Titanium	7440-32-6	507	507	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Tungsten	7440-33-7	0.38	0.38	mg/kg	Y	J	EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Uranium (total)	7440-61-1	1.1	1.1	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Vanadium	7440-62-2	40.9	40.9	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Zinc	7440-66-6	34	34	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Metals	Zirconium	7440-67-7	22	22	mg/kg	Y		EPA 6020
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	2,4'-DDD	53-19-0	0.00012		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	2,4'-DDE	3424-82-6	0.000095		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	4,4'-DDD	72-54-8	0.00017		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	4,4'-DDE	72-55-9	0.00027		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	4,4'-DDT	50-29-3	0.00045		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	Aldrin	309-00-2	0.000093		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	alpha-BHC	319-84-6	0.0001		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	alpha-Chlordane	5103-71-9	0.00011		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	beta-BHC	319-85-7	0.00037		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	Chlordane (total)	57-74-9	0.0024		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	delta-BHC	319-86-8	0.000089		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	Dieldrin	60-57-1	0.000077		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	Endosulfan I	959-98-8	0.000089		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	Endosulfan II	33213-65-9	0.00016		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	Endosulfan sulfate	1031-07-8	0.00012		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	Endrin	72-20-8	0.000089		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	Endrin aldehyde	7421-93-4	0.00011		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	Endrin ketone	53494-70-5	0.00041		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	gamma-BHC	58-89-9	0.000089		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	gamma-Chlordane	5103-74-2	0.000091		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	Heptachlor	76-44-8	0.00063		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	Heptachlor epoxide	1024-57-3	0.00012		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	Hexachlorobenzene	118-74-1	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	Methoxychlor	72-43-5	0.00075		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	Toxaphene	8001-35-2	0.0076		mg/kg	N	U	EPA 8081
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	Organics	Phthalic acid	88-99-3	0.27		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	PAHs	2-Methylnaphthalene	91-57-6	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	PAHs	Acenaphthene	83-32-9	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	PAHs	Acenaphthylene	208-96-8	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	PAHs	Anthracene	120-12-7	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	PAHs	Benzo(a)anthracene	56-55-3	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	PAHs	Benzo(a)pyrene	50-32-8	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	PAHs	Benzo(b)fluoranthene	205-99-2	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	PAHs	Benzo(g,h,i)perylene	191-24-2	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	PAHs	Benzo(k)fluoranthene	207-08-9	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	PAHs	Chrysene	218-01-9	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	PAHs	Dibenz(a,h)anthracene	53-70-3	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	PAHs	Fluoranthene	206-44-0	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	PAHs	Fluorene	86-73-7	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	PAHs	Naphthalene	91-20-3	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	PAHs	Phenanthrene	85-01-8	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	PAHs	Pyrene	129-00-0	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	RAD	Radium-226	Ra-226	1.28	1.28	pCi/g	Y		EPA 901.1
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	RAD	Radium-228	Ra-228	2.04	2.04	pCi/g	Y		EPA 901.1
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	RAD	Thorium-228	Th-228	1.87	1.87	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	RAD	Thorium-230	Th-230	1.61	1.61	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	RAD	Thorium-232	Th-232	1.44	1.44	pCi/g	Y		DOE EML HASL-300 TH MOD
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	RAD	Uranium-234	U-234	1.46	1.46	pCi/g	Y		DOE EML HASL-300 U MOD
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	RAD	Uranium-235	U-235	0.05	0.05	pCi/g	Y	J	DOE EML HASL-300 U MOD
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	RAD	Uranium-238	U-238	1.28	1.28	pCi/g	Y		DOE EML HASL-300 U MOD
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	1,2,4,5-Tetrachlorobenzene	95-94-3	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	1,2-Diphenylhydrazine	122-66-7	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	1,4-Dioxane	123-91-1	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	2,2'-/4,4'-Dichlorobenzil	DICHLOROBENZIL	0.07		mg/kg	N	U	EPA 8270C
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	2,4-Dichlorophenol	120-83-2	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	2,4-Dimethylphenol	105-67-9	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	2,4-Dinitrophenol	51-28-5	0.35		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	2,4-Dinitrotoluene	121-14-2	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	2,6-Dinitrotoluene	606-20-2	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	2-Chloronaphthalene	91-58-7	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	2-Chlorophenol	95-57-8	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	2-Methylphenol	95-48-7	0.13		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	2-Nitroaniline	88-74-4	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	2-Nitrophenol	88-75-5	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	3&4-Methylphenol	1319-77-3MP	0.071		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	3-Nitroaniline	99-09-2	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	4-Chloroaniline	106-47-8	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	4-Chlorothioanisole	123-09-1	0.0081		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	4-Chlorothiophenol	106-54-7	0.2		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	4-Nitroaniline	100-01-6	0.35		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	4-Nitrophenol	100-02-7	0.35		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Acetophenone	98-86-2	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Aniline	62-53-3	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Azobenzene	103-33-3	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Benzenethiol	108-98-5	0.13		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Benzoic acid	65-85-0	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Benzyl alcohol	100-51-6	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	bis(2-Chloro-1-methylethyl) ether	108-60-1	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	bis(4-Chlorophenyl) disulfide	1142-19-4	0.22		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	bis(4-Chlorophenyl) sulfone	80-07-9	0.33		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Butylbenzylphthalate	85-68-7	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Carbazole	86-74-8	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Dibenzofuran	132-64-9	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Diethylphthalate	84-66-2	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Dimethylphthalate	131-11-3	0.035		mg/kg	N	U	EPA 8270

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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Di-n-butylphthalate	84-74-2	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Di-n-octylphthalate	117-84-0	0.016		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Diphenyl disulfide	882-33-7	0.031		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Diphenyl sulfide	139-66-2	0.0038		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Diphenyl sulfone	127-63-9	0.0071		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Hexachlorobutadiene	87-68-3	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.35		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Hexachloroethane	67-72-1	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Hydroxymethyl phthalimide	118-29-6	0.046		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Isophorone	78-59-1	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Nitrobenzene	98-95-3	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Octachlorostyrene	29082-74-4	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Pentachlorobenzene	608-93-5	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Phenol	108-95-2	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	SVOCs	Pyridine	110-86-1	0.035		mg/kg	N	U	EPA 8270
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00024		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,1,1-Trichloroethane	71-55-6	0.00016		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00015		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,1,2-Trichloroethane	79-00-5	0.0003		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,1-Dichloroethane	75-34-3	0.001		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,1-Dichloroethene	75-35-4	0.00058		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,1-Dichloropropene	563-58-6	0.00031		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00083		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,2,3-Trichloropropane	96-18-4	0.00059		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00078		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00045	0.00045	mg/kg	Y	J	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.00095		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,2-Dichlorobenzene	95-50-1	0.00016		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,2-Dichloroethane	107-06-2	0.00047		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,2-Dichloroethene	540-59-0	0.00058		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,2-Dichloropropane	78-87-5	0.0004		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,3,5-Trichlorobenzene	108-70-3	0.00072		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00022		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,3-Dichlorobenzene	541-73-1	0.00014		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,3-Dichloropropane	142-28-9	0.00019		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	1,4-Dichlorobenzene	106-46-7	0.00011		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	2,2,3-Trimethylbutane	464-06-2	0.00022		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	2,2-Dichloropropane	594-20-7	0.00018		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	2,2-Dimethylpentane	590-35-2	0.00029		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	2,3-Dimethylpentane	565-59-3	0.00024		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	2,4-Dimethylpentane	108-08-7	0.00021		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	2-Butanone	78-93-3	0.0015		mg/kg	N	UJ	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	2-Chlorotoluene	95-49-8	0.00048		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	2-Hexanone	591-78-6	0.0003		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	2-Methylhexane	591-76-4	0.00022		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	2-Nitropropane	79-46-9	0.0018		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	3,3-Dimethylpentane	562-49-2	0.00022		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	3-Ethylpentane	617-78-7	0.00022		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	3-Methylhexane	589-34-4	0.00015		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	4-Chlorotoluene	106-43-4	0.00094		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	4-Methyl-2-pentanone	108-10-1	0.0017		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Acetone	67-64-1	0.014	0.014	mg/kg	Y	J	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Acetonitrile	75-05-8	0.0021		mg/kg	N	UJ	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Benzene	71-43-2	0.00018		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Bromobenzene	108-86-1	0.00024		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Bromochloromethane	74-97-5	0.00044		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Bromodichloromethane	75-27-4	0.00036		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Bromoform	75-25-2	0.00026		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Bromomethane	74-83-9	0.00033		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Carbon disulfide	75-15-0	0.00058		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Carbon tetrachloride	56-23-5	0.00096		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Chlorobenzene	108-90-7	0.00013		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Chloroethane	75-00-3	0.00037		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Chloroform	67-66-3	0.00015		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Chloromethane	74-87-3	0.00047		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00045		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00077		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Cumene	98-82-8	0.00019		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Dibromochloromethane	124-48-1	0.00031		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Dibromomethane	74-95-3	0.00037		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Dichlorodifluoromethane	75-71-8	0.0004		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Dimethyl disulfide	624-92-0	0.00023		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Ethanol	64-17-5	0.21		mg/kg	N	UJ	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Ethyl benzene	100-41-4	0.0002		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Freon 113	76-13-1	0.00057		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Iodomethane	74-88-4	0.00027		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	m,p-Xylene	179601-23-1	0.0006		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Methyl tert-butyl ether	1634-04-4	0.00049		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Methylene Chloride	75-09-2	0.0027		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	n-Butylbenzene	104-51-8	0.00056		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	n-Heptane	142-82-5	0.00017		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	n-Nonyl aldehyde	124-19-6	0.00094		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	n-Propylbenzene	103-65-1	0.001		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	o-Xylene	95-47-6	0.00033		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	p-Cymene	99-87-6	0.00025		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	sec-Butylbenzene	135-98-8	0.00026		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Styrene	100-42-5	0.0013		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	tert-Butylbenzene	98-06-6	0.00028		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Tetrachloroethene	127-18-4	0.00029		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Toluene	108-88-3	0.00014		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00023		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00021		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Trichloroethene	79-01-6	0.00038		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Trichlorofluoromethane	75-69-4	0.00053		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Vinyl acetate	108-05-4	0.00019		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Vinyl chloride	75-01-4	0.00025		mg/kg	N	U	EPA 8260
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	VOCs	Xylenes (total)	1330-20-7	0.00091		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Chlorine Oxyanions	Chlorate	14866-68-3	1.1	1.1	mg/kg	Y		EPA 300.1
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Chlorine Oxyanions	Perchlorate	14797-73-0	3.9	3.9	mg/kg	Y		EPA 314.0
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0000062	0.0000062	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.0000054	0.0000054	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.0000038	0.0000038	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00000054		mg/kg	N	U	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000031	0.0000031	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000007		mg/kg	N	U	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00000088		mg/kg	N	U	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00000063		mg/kg	N	U	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.00000074		mg/kg	N	U	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000014	0.0000014	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.00000071		mg/kg	N	U	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000016	0.0000016	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000056		mg/kg	N	UJ	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.00000068		mg/kg	N	U	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000012	0.0000012	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000013	0.0000013	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000038		mg/kg	N	U	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	HpCDD (total)	37871-00-4	0.000001		mg/kg	N	U	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	HpCDF (total)	38998-75-3	0.0000084	0.0000084	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	HxCDD (total)	34465-46-8	0.0000022		mg/kg	N	U	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	HxCDF (total)	55684-94-1	0.0000044	0.0000044	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	PeCDD (total)	36088-22-9	0.0000011		mg/kg	N	UJ	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	PeCDF (total)	30402-15-4	0.0000065	0.0000065	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	TCDD (total)	41903-57-5	0.00000053	0.00000053	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Dioxins	TCDF (total)	30402-14-3	0.0000013	0.0000013	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	General Chemistry	Ammonia	7664-41-7	3.2	3.2	mg/kg	Y	J	SM 4500 NH3-D
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	General Chemistry	Bromide	24959-67-9	5.5	5.5	mg/kg	Y		EPA 9056
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	General Chemistry	Chloride	16887-00-6	1700	1700	mg/kg	Y		EPA 9056
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	General Chemistry	Chlorite	7758-19-2	0.041		mg/kg	N	U	EPA 300.1
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	General Chemistry	Fluoride	16984-48-8	3.6		mg/kg	N	U	EPA 9056
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	General Chemistry	Nitrate	14797-55-8	124	124	mg/kg	Y		EPA 9056
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 9056
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	General Chemistry	ortho-Phosphate	11-36-9	3.986470778		mg/kg	N	U	EPA 9056
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	General Chemistry	Sulfate	14808-79-8	610	610	mg/kg	Y		EPA 9056
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Antimony	7440-36-0	0.31	0.31	mg/kg	Y	J	EPA 6020
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Arsenic	7440-38-2	1.9	1.9	mg/kg	Y		EPA 6020
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Barium	7440-39-3	130	130	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Boron	7440-42-8	4.8	4.8	mg/kg	Y	J	EPA 6010
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Chromium VI	18540-29-9	0.15		mg/kg	N	U	EPA 7199
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Cobalt	7440-48-4	3.8	3.8	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Copper	7440-50-8	11	11	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Iron	7439-89-6	11000	11000	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Lead	7439-92-1	5.9	5.9	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Magnesium	7439-95-4	5500	5500	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Manganese	7439-96-5	300	300	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Mercury	7439-97-6	0.024	0.024	mg/kg	Y		EPA 7471
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Nickel	7440-02-0	11	11	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Phosphorus (total)	7723-14-0	780	780	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Silver	7440-22-4	0.91		mg/kg	N	U	EPA 6010
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Strontium	7440-24-6	120	120	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Tungsten	7440-33-7	2.6		mg/kg	N	U	EPA 6010
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Vanadium	7440-62-2	36	36	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Metals	Zirconium	7440-67-7	8.4	8.4	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	2,4'-DDE	3424-82-6	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	4,4'-DDD	72-54-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	4,4'-DDE	72-55-9	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	4,4'-DDT	50-29-3	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	Aldrin	309-00-2	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	alpha-BHC	319-84-6	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	alpha-Chlordane	5103-71-9	0.002		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	beta-BHC	319-85-7	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	delta-BHC	319-86-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	Dieldrin	60-57-1	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	Endosulfan I	959-98-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	Endosulfan II	33213-65-9	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	Endosulfan sulfate	1031-07-8	0.002		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	Endrin	72-20-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	Endrin aldehyde	7421-93-4	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	Endrin ketone	53494-70-5	0.002		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	gamma-BHC	58-89-9	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	gamma-Chlordane	5103-74-2	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	Heptachlor	76-44-8	0.002		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	Heptachlor epoxide	1024-57-3	0.002		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	Hexachlorobenzene	118-74-1	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	Methoxychlor	72-43-5	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	Toxaphene	8001-35-2	0.051		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Chlorpyrifos	2921-88-2	0.0062		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Coumaphos	56-72-4	0.0027		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Dasanit	115-90-2	0.0079		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Demeton (O + S)	8065-48-3	0.0073		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Diazinon	333-41-5	0.007		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Dichlorovos	62-73-7	0.0071		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Dimethoate	60-51-5	0.0068		mg/kg	N	UJ	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Disulfoton	298-04-4	0.0075		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	EPN	2104-64-5	0.0036		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Ethoprop	13194-48-4	0.0048		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Famphur	52-85-7	0.0031		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Fenthion	55-38-9	0.0084		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Guthion	86-50-0	0.0034		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Malathion	121-75-5	0.0045		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Merphos	150-50-5	0.005		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Methyl parathion	298-00-0	0.0061		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Mevinphos	7786-34-7	0.0045		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Parathion	56-38-2	0.0051		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Phorate	298-02-2	0.0055		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Propazine	139-40-2	0.0083		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Prothiophos	34643-46-4	0.0038		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Ronnel	299-84-3	0.015		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Simazine	122-34-9	0.021		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Sulfotepp	3689-24-5	0.006		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Sulprofos	35400-43-2	0.0041		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Thionazin	297-97-2	0.0054		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OPPs	Trichloronate	327-98-0	0.006		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Organics	Acetic acid	64-19-7	1.3		mg/kg	N	U	VFA
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Organics	Butyric acid	107-92-6	1.4		mg/kg	N	U	VFA
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Organics	Formic acid	64-18-6	2		mg/kg	N	U	VFA
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Organics	Lactic acid	598-82-3	2.7		mg/kg	N	U	VFA
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Organics	Propionic acid	79-09-4	1.5		mg/kg	N	U	VFA
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	Organics	Pyruvic acid	127-17-3	2.2		mg/kg	N	U	VFA
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	2-Methylnaphthalene	91-57-6	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	Acenaphthene	83-32-9	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	Acenaphthylene	208-96-8	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	Anthracene	120-12-7	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	Benzo(a)anthracene	56-55-3	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	Benzo(a)pyrene	50-32-8	0.0041		mg/kg	N	U	EPA 8270C SIM

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	Benzo(b)fluoranthene	205-99-2	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	Benzo(k)fluoranthene	207-08-9	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	Chrysene	218-01-9	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	Fluoranthene	206-44-0	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	Fluorene	86-73-7	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	Naphthalene	91-20-3	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	Phenanthrene	85-01-8	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	Pyrene	129-00-0	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Dichlorobiphenyl	25512-42-9	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Heptachlorobiphenyl	28655-71-2	0.0000092	0.0000092	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Hexachlorobiphenyl	26601-64-9	0.0000053	0.0000053	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Monochlorobiphenyl	27323-18-8	0.00000038	0.00000038	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Nonachlorobiphenyl	53742-07-7	0.000022	0.000022	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Octachlorobiphenyl	55722-26-4	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-001 (2-CB)	2051-60-7	0.00000019		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-002 (3-CB)	2051-61-8	0.00000014		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-003 (4-CB)	2051-62-9	0.00000038	0.00000038	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.0000018		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000011		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.0000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000011		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.0000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.0000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.000001		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.0000014		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.00000026		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000002		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.00000023		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.00000014		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00000016		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.00000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.00000015		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.00000047	0.00000047	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.00000014		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.00000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.00000014		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.00000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.00000029	0.00000029	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.00000014		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.00000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.00000032		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.00000026		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.0000003		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.00000027		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000029		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.00000024		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.00000022		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.0000009	0.0000009	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.0000001		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.00000014		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.00000015		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.00000014		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.00000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.00000014		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.00000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.00000017		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.00000033	0.00000033	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.00000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.00000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.00000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.00000017		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.00000019		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.00000016		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.00000014		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.00000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.0000002		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.00000065		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.00000063		mg/kg	N	U	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.00000055		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.00000052		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.00000051		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.0000005		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.00000047		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.00000018		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.00000043		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.00000042		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.00000016		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.00000045		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.0000004		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.00000038		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.00000037		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.00000038		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.00000047		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.00000044		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.00000037		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.00000034		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.00000043		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.00000046		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.00000046		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.00000041		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.00000024		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.00000023		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.00000023		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.00000022		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.00000015		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.00000018		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.00000021		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.00000024		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.0000002		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.00000015		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.00000019		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.00000021		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.00000014		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.00000014		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.00000018		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.00000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.00000015		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.000000094		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.00000015		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.00000016		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.00000012	0.00000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.00000016		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.00000016		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.00000034	0.00000034	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.000000099		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.00000046	0.00000046	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.00000059	0.00000059	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.00000072	0.00000072	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.00000045	0.00000045	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.00000026	0.00000026	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.00000015		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.0000004	0.0000004	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.00000025	0.00000025	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.00000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.00000034	0.00000034	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.00000092	0.00000092	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.00000064	0.00000064	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.00000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.000000046		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.00000093	0.00000093	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.00000042	0.00000042	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.00000038	0.00000038	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.00000023	0.00000023	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.00000011		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.00000011		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.00000073	0.00000073	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.00000053	0.00000053	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.00000043	0.00000043	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.000001	0.000001	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.00000087	0.00000087	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.00000069	0.00000069	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.00000054	0.00000054	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.0000063	0.0000063	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.0000086	0.0000086	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.000007	0.000007	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCB-209 (DeCB)	2051-24-3	0.000065	0.000065	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 107+124	PCB107+124	0.00000039		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 110+115	PCB110+115	0.00000039		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 12+13	PCB12+13	0.0000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 128+166	PCB128+166	0.00000018		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 129+138+163	PCB129+138+163	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 134+143	PCB134+143	0.00000023		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 135+151	PCB135+151	0.00000061	0.00000061	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 139+140	PCB139+140	0.00000019		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 147+149	PCB147+149	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 153+168	PCB153+168	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 156+157	PCB156+157	0.00000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 171+173	PCB171+173	0.00000056	0.00000056	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 18+30	PCB18+30	0.00000037	0.00000037	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 180+193	PCB180+193	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 198+199	PCB198+199	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 20+28	PCB20+28	0.00000045	0.00000045	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 21+33	PCB21+33	0.00000023	0.00000023	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 26+29	PCB26+29	0.00000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 40+71	PCB40+71	0.00000023		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 44+47+65	PCB44+47+65	0.00000071	0.00000071	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 49+69	PCB49+69	0.00000041	0.00000041	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 50+53	PCB50+53	0.00000022		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 59+62+75	PCB59+62+75	0.00000017		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.00000087	0.00000087	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 85+116+117	PCB85+116+117	0.00000042		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.00000042		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 88+91	PCB88+91	0.00000046		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 90+101+113	PCB90+101+113	0.00000042		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 93+100	PCB93+100	0.00000046		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	PCBs 98+102	PCB98+102	0.00000044		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Pentachlorobiphenyl	25429-29-2	0.00000065		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Tetrachlorobiphenyl	26914-33-0	0.0000032	0.0000032	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Trichlorobiphenyl	25323-68-6	0.0000018	0.0000018	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	RAD	Radium-226	Ra-226	1.25	1.25	pCi/g	Y		EPA 903.0
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	RAD	Radium-228	Ra-228	1.2	1.2	pCi/g	Y		EPA 904.0
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	RAD	Thorium-228	Th-228	1.74	1.74	pCi/g	Y		714R14
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	RAD	Thorium-230	Th-230	1.29	1.29	pCi/g	Y		714R14
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	RAD	Thorium-232	Th-232	1.88	1.88	pCi/g	Y		714R14
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	RAD	Uranium (total)	U-Total	2.14	2.14	pCi/g	Y		DOE U-02
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	RAD	Uranium-234	U-234	1.14	1.14	pCi/g	Y		DOE U-02
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	RAD	Uranium-235	U-235	0.0323		pCi/g	N	U	DOE U-02
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	RAD	Uranium-238	U-238	0.967	0.967	pCi/g	Y		DOE U-02
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.27		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.16		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	2,4-Dichlorophenol	120-83-2	0.069		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	2,4-Dinitrophenol	51-28-5	1		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	2,4-Dinitrotoluene	121-14-2	0.082		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	2,6-Dinitrotoluene	606-20-2	0.097		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	2-Chloronaphthalene	91-58-7	0.069		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	2-Chlorophenol	95-57-8	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	2-Methylphenol	95-48-7	0.082		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	2-Nitroaniline	88-74-4	0.17		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.077		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.21		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	4-Chloroaniline	106-47-8	0.15		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.21		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	4-Nitrophenol	100-02-7	0.51		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	Aniline	62-53-3	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	Benzidine	92-87-5	0.17		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	Benzoic acid	65-85-0	0.49		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	Benzyl alcohol	100-51-6	0.42		mg/kg	N	UJ	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.092		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	Butylbenzylphthalate	85-68-7	0.082		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	Dibenzofuran	132-64-9	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	Diethylphthalate	84-66-2	0.097		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	Dimethylphthalate	131-11-3	0.069		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	Di-n-butylphthalate	84-74-2	0.092		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	Di-n-octylphthalate	117-84-0	0.092		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	Hexachlorobutadiene	87-68-3	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.32		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	Hexachloroethane	67-72-1	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	Isophorone	78-59-1	0.069		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	Nitrobenzene	98-95-3	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.16		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	Octachlorostyrene	29082-74-4	0.12		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	Phenol	108-95-2	0.092		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	TPH	Petroleum Hydrocarbons (C23-C40)	C23-C40	2.6		mg/kg	N	U	EPA 8015
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.6		mg/kg	N	U	EPA 8015
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00089		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	1,1,1-Trichloroethane	71-55-6	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	1,1,2-Trichloroethane	79-00-5	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	1,1-Dichloroethane	75-34-3	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	1,1-Dichloroethene	75-35-4	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	1,1-Dichloropropene	563-58-6	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	1,2,3-Trichloropropane	96-18-4	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0019		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	1,2-Dibromoethane	106-93-4	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	1,2-Dichlorobenzene	95-50-1	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	1,2-Dichloroethane	107-06-2	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	1,2-Dichloropropane	78-87-5	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	1,3-Dichlorobenzene	541-73-1	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	1,3-Dichloropropane	142-28-9	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	1,4-Dichlorobenzene	106-46-7	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	2,2-Dichloropropane	594-20-7	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	2-Butanone	78-93-3	0.0047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	2-Chlorotoluene	95-49-8	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	2-Hexanone	591-78-6	0.0044		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	4-Chlorotoluene	106-43-4	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	4-Methyl-2-pentanone	108-10-1	0.0023		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Acetone	67-64-1	0.0071		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Benzene	71-43-2	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Bromobenzene	108-86-1	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Bromochloromethane	74-97-5	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Bromodichloromethane	75-27-4	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Bromoform	75-25-2	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Bromomethane	74-83-9	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Carbon tetrachloride	56-23-5	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Chlorobenzene	108-90-7	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Chloroethane	75-00-3	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Chloroform	67-66-3	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Chloromethane	74-87-3	0.00094		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Cumene	98-82-8	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Dibromochloromethane	124-48-1	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Dibromomethane	74-95-3	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Dichlorodifluoromethane	75-71-8	0.00094		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Diisopropyl ether	108-20-3	0.00094		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Ethyl benzene	100-41-4	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Ethyl tert-butyl ether	637-92-3	0.00094		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	m,p-Xylene	179601-23-1	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Methyl tert-butyl ether	1634-04-4	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Methylene Chloride	75-09-2	0.0047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	n-Butylbenzene	104-51-8	0.00094		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	n-Propylbenzene	103-65-1	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	o-Xylene	95-47-6	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	p-Cymene	99-87-6	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	sec-Butylbenzene	135-98-8	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Styrene	100-42-5	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	t-Amyl methyl ether	994-05-8	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	tert Butyl alcohol	75-65-0	0.0094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	tert-Butylbenzene	98-06-6	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Tetrachloroethene	127-18-4	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Toluene	108-88-3	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Trichloroethene	79-01-6	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Trichlorofluoromethane	75-69-4	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	VOCs	Vinyl chloride	75-01-4	0.00094		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Chlorine Oxyanions	Chlorate	14866-68-3	0.19	0.19	mg/kg	Y	J	EPA 300.1
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Chlorine Oxyanions	Perchlorate	14797-73-0	0.77	0.77	mg/kg	Y		EPA 314.0
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00033	0.00033	mg/kg	Y		EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00002	0.00002	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00015	0.00015	mg/kg	Y		EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00001	0.00001	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00007	0.00007	mg/kg	Y		EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000053	0.000053	mg/kg	Y		EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000025	0.0000025	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000042	0.000042	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000032	0.0000032	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000017	0.000017	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000035	0.0000035	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000031	0.000031	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000021	0.0000021	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000099	0.0000099	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000014	0.000014	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000015	0.000015	mg/kg	Y		EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000011	0.0000011	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	HpCDD (total)	37871-00-4	0.000017	0.000017	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	HpCDF (total)	38998-75-3	0.0003	0.0003	mg/kg	Y		EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	HxCDD (total)	34465-46-8	0.000023	0.000023	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	HxCDF (total)	55684-94-1	0.0003	0.0003	mg/kg	Y		EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	PeCDD (total)	36088-22-9	0.000013	0.000013	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	PeCDF (total)	30402-15-4	0.0002	0.0002	mg/kg	Y		EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	TCDD (total)	41903-57-5	0.0000075	0.0000075	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	TCDF (total)	30402-14-3	0.00013	0.00013	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	General Chemistry	Ammonia	7664-41-7	3.5	3.5	mg/kg	Y	J	SM 4500 NH3-D
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	General Chemistry	Bromide	24959-67-9	3.5		mg/kg	N	U	EPA 9056
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	General Chemistry	Chloride	16887-00-6	220	220	mg/kg	Y		EPA 9056
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	General Chemistry	Chlorite	7758-19-2	0.041		mg/kg	N	U	EPA 300.1
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	General Chemistry	Fluoride	16984-48-8	3.5		mg/kg	N	U	EPA 9056
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	General Chemistry	Nitrate	14797-55-8	38.52857143	38.52857143	mg/kg	Y		EPA 9056
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 9056
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	General Chemistry	ortho-Phosphate	11-36-9	3.986470778		mg/kg	N	U	EPA 9056
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	General Chemistry	Sulfate	14808-79-8	65	65	mg/kg	Y		EPA 9056
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Antimony	7440-36-0	0.27		mg/kg	N	UJ	EPA 6020
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Arsenic	7440-38-2	2.5	2.5	mg/kg	Y		EPA 6020
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Barium	7440-39-3	160	160	mg/kg	Y	J+	EPA 6010
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Boron	7440-42-8	5.2	5.2	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Cadmium	7440-43-9	0.25		mg/kg	N	U	EPA 6010
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Chromium VI	18540-29-9	0.15		mg/kg	N	U	EPA 7199
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Cobalt	7440-48-4	4.8	4.8	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Copper	7440-50-8	13	13	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Iron	7439-89-6	14000	14000	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Lead	7439-92-1	6.9	6.9	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Magnesium	7439-95-4	7300	7300	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Manganese	7439-96-5	270	270	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Mercury	7439-97-6	0.012		mg/kg	N	U	EPA 7471
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Nickel	7440-02-0	13	13	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Phosphorus (total)	7723-14-0	730	730	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Silver	7440-22-4	0.89		mg/kg	N	U	EPA 6010
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Strontium	7440-24-6	150	150	mg/kg	Y	J+	EPA 6010
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Thallium	7440-28-0	0.25		mg/kg	N	U	EPA 6020
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Tungsten	7440-33-7	2.5		mg/kg	N	UJ	EPA 6010
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Vanadium	7440-62-2	38	38	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Zirconium	7440-67-7	17	17	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	2,4'-DDE	3424-82-6	0.0015		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	4,4'-DDD	72-54-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	4,4'-DDE	72-55-9	0.0024	0.0024	mg/kg	Y	J	EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	4,4'-DDT	50-29-3	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Aldrin	309-00-2	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	alpha-BHC	319-84-6	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	alpha-Chlordane	5103-71-9	0.002		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	beta-BHC	319-85-7	0.0071	0.0071	mg/kg	Y		EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	delta-BHC	319-86-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Dieldrin	60-57-1	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Endosulfan I	959-98-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Endosulfan II	33213-65-9	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Endosulfan sulfate	1031-07-8	0.002		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Endrin	72-20-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Endrin aldehyde	7421-93-4	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Endrin ketone	53494-70-5	0.002		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	gamma-BHC	58-89-9	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	gamma-Chlordane	5103-74-2	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Heptachlor	76-44-8	0.002		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Heptachlor epoxide	1024-57-3	0.002		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Hexachlorobenzene	118-74-1	0.071		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Methoxychlor	72-43-5	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Toxaphene	8001-35-2	0.051		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Chlorpyrifos	2921-88-2	0.0064		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Coumaphos	56-72-4	0.0028		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Dasanit	115-90-2	0.0081		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Demeton (O + S)	8065-48-3	0.0075		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Diazinon	333-41-5	0.0072		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Dichlorovos	62-73-7	0.0074		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Dimethoate	60-51-5	0.007		mg/kg	N	UJ	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Disulfoton	298-04-4	0.0077		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	EPN	2104-64-5	0.0037		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Ethoprop	13194-48-4	0.0049		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Famphur	52-85-7	0.0032		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Fenthion	55-38-9	0.0087		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Guthion	86-50-0	0.0035		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Malathion	121-75-5	0.0046		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Merphos	150-50-5	0.0051		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Methyl parathion	298-00-0	0.0063		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Mevinphos	7786-34-7	0.0046		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Parathion	56-38-2	0.0053		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Phorate	298-02-2	0.0057		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Propazine	139-40-2	0.0086		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Prothiophos	34643-46-4	0.0039		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Ronnel	299-84-3	0.015		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Simazine	122-34-9	0.022		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Sulfotepp	3689-24-5	0.0062		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Sulprofos	35400-43-2	0.0042		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Thionazin	297-97-2	0.0055		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Trichloronate	327-98-0	0.0062		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Organics	Acetic acid	64-19-7	1.3		mg/kg	N	U	VFA
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Organics	Butyric acid	107-92-6	1.4		mg/kg	N	U	VFA
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Organics	Formic acid	64-18-6	1.9		mg/kg	N	U	VFA
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Organics	Lactic acid	598-82-3	2.6		mg/kg	N	U	VFA
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Organics	Propionic acid	79-09-4	1.5		mg/kg	N	U	VFA
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	Organics	Pyruvic acid	127-17-3	2.1		mg/kg	N	UJ	VFA
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	2-Methylnaphthalene	91-57-6	0.071		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Acenaphthene	83-32-9	0.004		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Acenaphthylene	208-96-8	0.004		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Anthracene	120-12-7	0.004		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Benzo(a)anthracene	56-55-3	0.004		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Benzo(a)pyrene	50-32-8	0.004		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Benzo(b)fluoranthene	205-99-2	0.004		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Benzo(g,h,i)perylene	191-24-2	0.004		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Benzo(k)fluoranthene	207-08-9	0.004		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Chrysene	218-01-9	0.004		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Dibenz(a,h)anthracene	53-70-3	0.004		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Fluoranthene	206-44-0	0.004		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Fluorene	86-73-7	0.004		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.004		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Naphthalene	91-20-3	0.004		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Phenanthrene	85-01-8	0.004		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Pyrene	129-00-0	0.004		mg/kg	N	U	EPA 8270C SIM

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Dichlorobiphenyl	25512-42-9	0.000025	0.000025	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Heptachlorobiphenyl	28655-71-2	0.00032	0.00032	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Hexachlorobiphenyl	26601-64-9	0.00027	0.00027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Monochlorobiphenyl	27323-18-8	0.0000083	0.0000083	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Nonachlorobiphenyl	53742-07-7	0.00089	0.00089	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Octachlorobiphenyl	55722-26-4	0.00043	0.00043	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-001 (2-CB)	2051-60-7	0.0000021	0.0000021	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-002 (3-CB)	2051-61-8	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-003 (4-CB)	2051-62-9	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.0000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000018		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.0000018		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000017		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.0000018		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.0000019		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.00000084		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.0000045	0.0000045	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000016		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.00000074	0.00000074	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.00000044	0.00000044	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.0000001		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00000035	0.00000035	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00000026	0.00000026	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.0000008	0.0000008	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.000000069		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.00000028	0.00000028	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.00000034	0.00000034	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.0000069	0.0000069	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.00000071	0.00000071	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.00000039	0.00000039	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.00000083	0.00000083	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.0000006	0.0000006	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.00000028	0.00000028	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000015	0.00000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.00000082	0.00000082	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.00000027	0.00000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000004	0.000004	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.000000073	0.000000073	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.00000063	0.00000063	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.0000036	0.0000036	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.00000082	0.00000082	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.00000063	0.00000063	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.00000072	0.00000072	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.0000057	0.0000057	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.00000024	0.00000024	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.0000053	0.0000053	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.0000022	0.0000022	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.0000022	0.0000022	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.0000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.0000011		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.0000043	0.0000043	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.000001		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.0000063	0.0000063	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.00000033	0.00000033	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.0000078	0.0000078	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.00000035	0.00000035	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000012	0.000012	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.0000084	0.0000084	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.0000061	0.0000061	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.0000032	0.0000032	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.0000054	0.0000054	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.000021	0.000021	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.00000089		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.0000021	0.0000021	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.000004	0.000004	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.0000077	0.0000077	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.0000046	0.0000046	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.000003	0.000003	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.000007	0.000007	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.0000043	0.0000043	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.0000045	0.0000045	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.0000052	0.0000052	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.00000071	0.00000071	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.0000046	0.0000046	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.0000076	0.0000076	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.0000059	0.0000059	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.0000055	0.0000055	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.0000055	0.0000055	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.0000028	0.0000028	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.0000099	0.0000099	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.0000023	0.0000023	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.0000093	0.0000093	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.0000098	0.0000098	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.0000051	0.0000051	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.0000099	0.0000099	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.000028	0.000028	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.0000064	0.0000064	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.000024	0.000024	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.000014	0.000014	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.0000093	0.0000093	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.0000064	0.0000064	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.0000058	0.0000058	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.00003	0.00003	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.00003	0.00003	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.00006	0.00006	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.000049	0.000049	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.000057	0.000057	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.000027	0.000027	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.000028	0.000028	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.00003	0.00003	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.000025	0.000025	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.00025	0.00025	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.00037	0.00037	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.00027	0.00027	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-209 (DeCB)	2051-24-3	0.0026	0.0026	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 107+124	PCB107+124	0.000004	0.000004	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 110+115	PCB110+115	0.000022	0.000022	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 12+13	PCB12+13	0.0000061	0.0000061	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 128+166	PCB128+166	0.0000086	0.0000086	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 129+138+163	PCB129+138+163	0.000035	0.000035	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 134+143	PCB134+143	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 135+151	PCB135+151	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 139+140	PCB139+140	0.0000054	0.0000054	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 147+149	PCB147+149	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 153+168	PCB153+168	0.000027	0.000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 156+157	PCB156+157	0.000012	0.000012	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 171+173	PCB171+173	0.000024	0.000024	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 18+30	PCB18+30	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 180+193	PCB180+193	0.000046	0.000046	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 198+199	PCB198+199	0.000077	0.000077	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 20+28	PCB20+28	0.000003	0.000003	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 21+33	PCB21+33	0.0000021	0.0000021	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 26+29	PCB26+29	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 40+71	PCB40+71	0.0000029	0.0000029	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 44+47+65	PCB44+47+65	0.0000039	0.0000039	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 49+69	PCB49+69	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 50+53	PCB50+53	0.00000037	0.00000037	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 59+62+75	PCB59+62+75	0.0000018	0.0000018	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 85+116+117	PCB85+116+117	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 88+91	PCB88+91	0.00000095		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 90+101+113	PCB90+101+113	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 93+100	PCB93+100	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 98+102	PCB98+102	0.0000009		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Pentachlorobiphenyl	25429-29-2	0.00017	0.00017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Tetrachlorobiphenyl	26914-33-0	0.000064	0.000064	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Trichlorobiphenyl	25323-68-6	0.000029	0.000029	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	RAD	Radium-226	Ra-226	0.957	0.957	pCi/g	Y	J	EPA 903.0
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	RAD	Radium-228	Ra-228	0.75	0.75	pCi/g	Y		EPA 904.0
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	RAD	Thorium-228	Th-228	1.72	1.72	pCi/g	Y		714R14
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	RAD	Thorium-230	Th-230	1.32	1.32	pCi/g	Y		714R14
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	RAD	Thorium-232	Th-232	1.61	1.61	pCi/g	Y		714R14
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	RAD	Uranium (total)	U-Total	1.69	1.69	pCi/g	Y		DOE U-02
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	RAD	Uranium-234	U-234	0.847	0.847	pCi/g	Y		DOE U-02
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	RAD	Uranium-235	U-235	0.0357	0.0357	pCi/g	Y		DOE U-02
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	RAD	Uranium-238	U-238	0.805	0.805	pCi/g	Y		DOE U-02
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.27		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.16		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2,4-Dichlorophenol	120-83-2	0.068		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2,4-Dinitrophenol	51-28-5	1		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2,4-Dinitrotoluene	121-14-2	0.081		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2,6-Dinitrotoluene	606-20-2	0.097		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2-Chloronaphthalene	91-58-7	0.068		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2-Chlorophenol	95-57-8	0.071		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2-Methylphenol	95-48-7	0.081		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2-Nitroaniline	88-74-4	0.17		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.076		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.2		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	4-Chloroaniline	106-47-8	0.15		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.2		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	4-Nitrophenol	100-02-7	0.51		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Benzoic acid	65-85-0	0.48		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Benzyl alcohol	100-51-6	0.42		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.071		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.091		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Butylbenzylphthalate	85-68-7	0.081		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Dibenzofuran	132-64-9	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Diethylphthalate	84-66-2	0.097		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Dimethylphthalate	131-11-3	0.068		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Di-n-butylphthalate	84-74-2	0.091		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Di-n-octylphthalate	117-84-0	0.091		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Hexachlorobutadiene	87-68-3	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.32		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Hexachloroethane	67-72-1	0.071		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Isophorone	78-59-1	0.068		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Nitrobenzene	98-95-3	0.071		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.071		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.16		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Octachlorostyrene	29082-74-4	2.3		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Phenol	108-95-2	0.091		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	TPH	Petroleum Hydrocarbons (C23-C40)	C23-C40	3.1	3.1	mg/kg	Y	J	EPA 8015
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.5		mg/kg	N	U	EPA 8015
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,1,1-Trichloroethane	71-55-6	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,1,2-Trichloroethane	79-00-5	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,1-Dichloroethane	75-34-3	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,1-Dichloroethene	75-35-4	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,1-Dichloropropene	563-58-6	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,2,3-Trichloropropane	96-18-4	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0016		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,2-Dibromoethane	106-93-4	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,2-Dichlorobenzene	95-50-1	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,2-Dichloroethane	107-06-2	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,2-Dichloropropane	78-87-5	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,3-Dichlorobenzene	541-73-1	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,3-Dichloropropane	142-28-9	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,4-Dichlorobenzene	106-46-7	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	2,2-Dichloropropane	594-20-7	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	2-Butanone	78-93-3	0.0039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	2-Chlorotoluene	95-49-8	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	2-Hexanone	591-78-6	0.0039		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	4-Chlorotoluene	106-43-4	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	4-Methyl-2-pentanone	108-10-1	0.0019		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Acetone	67-64-1	0.0062		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Benzene	71-43-2	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Bromobenzene	108-86-1	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Bromochloromethane	74-97-5	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Bromodichloromethane	75-27-4	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Bromoform	75-25-2	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Bromomethane	74-83-9	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Carbon tetrachloride	56-23-5	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Chlorobenzene	108-90-7	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Chloroethane	75-00-3	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Chloroform	67-66-3	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Chloromethane	74-87-3	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Cumene	98-82-8	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Dibromochloromethane	124-48-1	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Dibromomethane	74-95-3	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Dichlorodifluoromethane	75-71-8	0.00078		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Diisopropyl ether	108-20-3	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Ethyl benzene	100-41-4	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Ethyl tert-butyl ether	637-92-3	0.00078		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	m,p-Xylene	179601-23-1	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Methyl tert-butyl ether	1634-04-4	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Methylene Chloride	75-09-2	0.0039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	n-Butylbenzene	104-51-8	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	n-Propylbenzene	103-65-1	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	o-Xylene	95-47-6	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	p-Cymene	99-87-6	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	sec-Butylbenzene	135-98-8	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Styrene	100-42-5	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	t-Amyl methyl ether	994-05-8	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	tert Butyl alcohol	75-65-0	0.0078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	tert-Butylbenzene	98-06-6	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Tetrachloroethene	127-18-4	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Toluene	108-88-3	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00039		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Trichloroethene	79-01-6	0.00039		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Trichlorofluoromethane	75-69-4	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Vinyl chloride	75-01-4	0.00078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Chlorine Oxyanions	Chlorate	14866-68-3	0.53	0.53	mg/kg	Y	J+	EPA 300.1
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Chlorine Oxyanions	Perchlorate	14797-73-0	2.2	2.2	mg/kg	Y		EPA 314.0
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00015	0.00015	mg/kg	Y		EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00011	0.00011	mg/kg	Y		EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000088	0.000088	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000014	0.000014	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000024	0.000024	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000029	0.000029	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000027		mg/kg	N	U	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000013	0.000013	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000046	0.0000046	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000062		mg/kg	N	U	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000022		mg/kg	N	U	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000094	0.0000094	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000041		mg/kg	N	UJ	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000058		mg/kg	N	U	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000051		mg/kg	N	U	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000054	0.0000054	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000031		mg/kg	N	U	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	HpCDD (total)	37871-00-4	0.000025	0.000025	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	HpCDF (total)	38998-75-3	0.00016	0.00016	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	HxCDD (total)	34465-46-8	0.0000046	0.0000046	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	HxCDF (total)	55684-94-1	0.000077	0.000077	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	PeCDD (total)	36088-22-9	0.0000041		mg/kg	N	UJ	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	PeCDF (total)	30402-15-4	0.000055	0.000055	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	TCDD (total)	41903-57-5	0.0000031		mg/kg	N	U	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	TCDF (total)	30402-14-3	0.00003	0.00003	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Ammonia	7664-41-7	4.4	4.4	mg/kg	Y	J	SM 4500 NH3-D
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Bromide	24959-67-9	3.6		mg/kg	N	U	EPA 9056
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Chloride	16887-00-6	610	610	mg/kg	Y		EPA 9056
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Chlorite	7758-19-2	0.041		mg/kg	N	U	EPA 300.1
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Fluoride	16984-48-8	3.6		mg/kg	N	UJ	EPA 9056
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Nitrate	14797-55-8	18.15714286	18.15714286	mg/kg	Y	J+	EPA 9056
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 9056
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Sulfate	14808-79-8	110	110	mg/kg	Y		EPA 9056
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Antimony	7440-36-0	0.28		mg/kg	N	UJ	EPA 6020
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Arsenic	7440-38-2	2.9	2.9	mg/kg	Y		EPA 6020
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Barium	7440-39-3	160	160	mg/kg	Y	J+	EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Boron	7440-42-8	8.5	8.5	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Chromium VI	18540-29-9	0.16		mg/kg	N	U	EPA 7199
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Cobalt	7440-48-4	4.8	4.8	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Copper	7440-50-8	14	14	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Iron	7439-89-6	15000	15000	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Lead	7439-92-1	8	8	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Magnesium	7439-95-4	7100	7100	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Manganese	7439-96-5	360	360	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Mercury	7439-97-6	0.033	0.033	mg/kg	Y	J-	EPA 7471
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Nickel	7440-02-0	13	13	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Phosphorus (total)	7723-14-0	1000	1000	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Silver	7440-22-4	0.92		mg/kg	N	U	EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Strontium	7440-24-6	150	150	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Tungsten	7440-33-7	2.6		mg/kg	N	UJ	EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Vanadium	7440-62-2	44	44	mg/kg	Y	J+	EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Zirconium	7440-67-7	16	16	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	2,4'-DDE	3424-82-6	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	4,4'-DDD	72-54-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	4,4'-DDE	72-55-9	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	4,4'-DDT	50-29-3	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Aldrin	309-00-2	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	alpha-BHC	319-84-6	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	beta-BHC	319-85-7	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	delta-BHC	319-86-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Dieldrin	60-57-1	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endosulfan I	959-98-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endosulfan II	33213-65-9	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endrin	72-20-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endrin aldehyde	7421-93-4	0.0015		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	gamma-BHC	58-89-9	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	gamma-Chlordane	5103-74-2	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Hexachlorobenzene	118-74-1	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Methoxychlor	72-43-5	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Toxaphene	8001-35-2	0.051		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Chlorpyrifos	2921-88-2	0.0066		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Coumaphos	56-72-4	0.0029		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Dasanit	115-90-2	0.0083		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Demeton (O + S)	8065-48-3	0.0077		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Diazinon	333-41-5	0.0074		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Dichlorovos	62-73-7	0.0076		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Dimethoate	60-51-5	0.0073		mg/kg	N	UJ	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Disulfoton	298-04-4	0.0079		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	EPN	2104-64-5	0.0038		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Ethoprop	13194-48-4	0.005		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Famphur	52-85-7	0.0033		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Fenthion	55-38-9	0.009		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Guthion	86-50-0	0.0036		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Malathion	121-75-5	0.0048		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Merphos	150-50-5	0.0053		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Methyl parathion	298-00-0	0.0065		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Mevinphos	7786-34-7	0.0047		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Parathion	56-38-2	0.0054		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Phorate	298-02-2	0.0058		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Propazine	139-40-2	0.0088		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Prothiophos	34643-46-4	0.004		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Ronnel	299-84-3	0.016		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Simazine	122-34-9	0.023		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Sulfotepp	3689-24-5	0.0064		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Sulprofos	35400-43-2	0.0043		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Thionazin	297-97-2	0.0057		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Trichloronate	327-98-0	0.0064		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Acetic acid	64-19-7	1.3		mg/kg	N	U	VFA
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Butyric acid	107-92-6	1.4		mg/kg	N	U	VFA
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Formic acid	64-18-6	1.9		mg/kg	N	U	VFA
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Lactic acid	598-82-3	2.7		mg/kg	N	U	VFA
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Propionic acid	79-09-4	1.5		mg/kg	N	U	VFA
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Pyruvic acid	127-17-3	2.2		mg/kg	N	UJ	VFA
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	2-Methylnaphthalene	91-57-6	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Acenaphthene	83-32-9	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Acenaphthylene	208-96-8	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Anthracene	120-12-7	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Benzo(a)anthracene	56-55-3	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Benzo(a)pyrene	50-32-8	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Benzo(b)fluoranthene	205-99-2	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Benzo(k)fluoranthene	207-08-9	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Chrysene	218-01-9	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Fluoranthene	206-44-0	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Fluorene	86-73-7	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Naphthalene	91-20-3	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Phenanthrene	85-01-8	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Pyrene	129-00-0	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Dichlorobiphenyl	25512-42-9	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Heptachlorobiphenyl	28655-71-2	0.000082	0.000082	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Hexachlorobiphenyl	26601-64-9	0.000074	0.000074	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Monochlorobiphenyl	27323-18-8	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Nonachlorobiphenyl	53742-07-7	0.00022	0.00022	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Octachlorobiphenyl	55722-26-4	0.000096	0.000096	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-001 (2-CB)	2051-60-7	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-002 (3-CB)	2051-61-8	0.00000081	0.00000081	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-003 (4-CB)	2051-62-9	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.00000065		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.00000069		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.00000063		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.00000067		mg/kg	N	U	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.00000069		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.00000036		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.0000028	0.0000028	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.00000058		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.0000045	0.0000045	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.00000021	0.00000021	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.00000038	0.00000038	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.000000092		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.000000059		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.00000019	0.00000019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.000000058		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.0000021	0.0000021	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.00000018	0.00000018	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.000000097		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000006	0.0000006	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.00000029	0.00000029	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000001		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.00000063	0.00000063	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.00000017	0.00000017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.0000003	0.0000003	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.00000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.00000019	0.00000019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.00000026	0.00000026	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.000000091		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.0000018	0.0000018	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000029	0.00000029	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.00000019	0.00000019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.00000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.00000011		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.00000087	0.00000087	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.00000038	0.00000038	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.00000068	0.00000068	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.00000031	0.00000031	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.00000027	0.00000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.00000029	0.00000029	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.000000071		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.00000037	0.00000037	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.00000091	0.00000091	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.00000041	0.00000041	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.00000075	0.00000075	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.00000069		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.00000061		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.00000057		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.00000093	0.00000093	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.00000055		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.00000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.0000022	0.0000022	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.00000046		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.00000035	0.00000035	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000005	0.000005	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.00000086	0.00000086	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.00000042		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.00000067	0.00000067	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.00000038		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.00000047		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.00000058	0.00000058	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.00000045		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.00000046		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.0000028	0.0000028	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.0000008	0.0000008	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.00000069	0.00000069	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.0000044	0.0000044	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.00000048		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.0000003		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.0000008	0.0000008	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.0000004	0.0000004	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.00000029		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.00000037		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.00000047	0.00000047	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.0000008	0.0000008	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.00000033		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.0000028	0.0000028	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.00000061	0.00000061	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.0000053	0.0000053	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0000043	0.0000043	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.0000052	0.0000052	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.0000039	0.0000039	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.0000029	0.0000029	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.000001	0.000001	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.0000056	0.0000056	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.0000036	0.0000036	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00000038	0.00000038	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.000007	0.000007	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.0000025	0.0000025	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.0000028	0.0000028	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.0000082	0.0000082	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.0000034	0.0000034	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.0000068	0.0000068	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.000007	0.000007	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.0000061	0.0000061	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.0000064	0.0000064	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.000064	0.000064	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.000087	0.000087	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.000064	0.000064	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-209 (DeCB)	2051-24-3	0.00072	0.00072	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 107+124	PCB107+124	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 110+115	PCB110+115	0.0000081	0.0000081	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 12+13	PCB12+13	0.0000022	0.0000022	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 128+166	PCB128+166	0.0000033	0.0000033	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 129+138+163	PCB129+138+163	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 134+143	PCB134+143	0.00000047		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 135+151	PCB135+151	0.0000038	0.0000038	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 139+140	PCB139+140	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 147+149	PCB147+149	0.0000071	0.0000071	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 153+168	PCB153+168	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 156+157	PCB156+157	0.0000039	0.0000039	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 171+173	PCB171+173	0.0000052	0.0000052	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 18+30	PCB18+30	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 180+193	PCB180+193	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 198+199	PCB198+199	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 20+28	PCB20+28	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 21+33	PCB21+33	0.0000006	0.0000006	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 26+29	PCB26+29	0.00000051	0.00000051	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 40+71	PCB40+71	0.00000094	0.00000094	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 44+47+65	PCB44+47+65	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 49+69	PCB49+69	0.00000079	0.00000079	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 50+53	PCB50+53	0.00000016	0.00000016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 59+62+75	PCB59+62+75	0.00000048	0.00000048	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.0000047	0.0000047	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 85+116+117	PCB85+116+117	0.000003	0.000003	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.0000058	0.0000058	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 88+91	PCB88+91	0.00000051		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 90+101+113	PCB90+101+113	0.0000057	0.0000057	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 93+100	PCB93+100	0.0000005		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 98+102	PCB98+102	0.00000048		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Pentachlorobiphenyl	25429-29-2	0.000054	0.000054	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Tetrachlorobiphenyl	26914-33-0	0.000023	0.000023	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Trichlorobiphenyl	25323-68-6	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Radium-226	Ra-226	1.32	1.32	pCi/g	Y		EPA 903.0
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Radium-228	Ra-228	0.886	0.886	pCi/g	Y		EPA 904.0
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Thorium-228	Th-228	1.57	1.57	pCi/g	Y		714R14
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Thorium-230	Th-230	1.44	1.44	pCi/g	Y		714R14
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Thorium-232	Th-232	1.33	1.33	pCi/g	Y		714R14
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Uranium (total)	U-Total	1.84	1.84	pCi/g	Y	J	DOE U-02
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Uranium-234	U-234	0.936	0.936	pCi/g	Y		DOE U-02
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Uranium-235	U-235	0.0377	0.0377	pCi/g	Y	J	DOE U-02
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Uranium-238	U-238	0.865	0.865	pCi/g	Y		DOE U-02
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.27		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.16		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4-Dichlorophenol	120-83-2	0.069		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4-Dinitrophenol	51-28-5	1		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4-Dinitrotoluene	121-14-2	0.082		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,6-Dinitrotoluene	606-20-2	0.098		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2-Chloronaphthalene	91-58-7	0.069		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2-Chlorophenol	95-57-8	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2-Methylphenol	95-48-7	0.082		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2-Nitroaniline	88-74-4	0.18		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.077		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.21		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Chloroaniline	106-47-8	0.15		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.21		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Nitrophenol	100-02-7	0.52		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Benzoic acid	65-85-0	0.49		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Benzyl alcohol	100-51-6	0.42		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.093		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Butylbenzylphthalate	85-68-7	0.082		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Dibenzofuran	132-64-9	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Diethylphthalate	84-66-2	0.098		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Dimethylphthalate	131-11-3	0.069		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Di-n-butylphthalate	84-74-2	0.093		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Di-n-octylphthalate	117-84-0	0.093		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Hexachlorobutadiene	87-68-3	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.32		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Hexachloroethane	67-72-1	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Isophorone	78-59-1	0.069		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Nitrobenzene	98-95-3	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.072		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.16		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Phenol	108-95-2	0.093		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	TPH	Petroleum Hydrocarbons (C23-C40)	C23-C40	3.1	3.1	mg/kg	Y	J	EPA 8015
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.6		mg/kg	N	U	EPA 8015
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1,1-Trichloroethane	71-55-6	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1,2-Trichloroethane	79-00-5	0.00049		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1-Dichloroethane	75-34-3	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1-Dichloroethene	75-35-4	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1-Dichloropropene	563-58-6	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2,3-Trichloropropane	96-18-4	0.00098		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2-Dibromoethane	106-93-4	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2-Dichlorobenzene	95-50-1	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2-Dichloroethane	107-06-2	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2-Dichloropropane	78-87-5	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,3-Dichlorobenzene	541-73-1	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,3-Dichloropropane	142-28-9	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,4-Dichlorobenzene	106-46-7	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	2,2-Dichloropropane	594-20-7	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	2-Butanone	78-93-3	0.0049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	2-Chlorotoluene	95-49-8	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	2-Hexanone	591-78-6	0.0049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	4-Chlorotoluene	106-43-4	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	4-Methyl-2-pentanone	108-10-1	0.0024		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Acetone	67-64-1	0.0078		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Benzene	71-43-2	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Bromobenzene	108-86-1	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Bromochloromethane	74-97-5	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Bromodichloromethane	75-27-4	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Bromoform	75-25-2	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Bromomethane	74-83-9	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Carbon tetrachloride	56-23-5	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Chlorobenzene	108-90-7	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Chloroethane	75-00-3	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Chloroform	67-66-3	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Chloromethane	74-87-3	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Cumene	98-82-8	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Dibromochloromethane	124-48-1	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Dibromomethane	74-95-3	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Dichlorodifluoromethane	75-71-8	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Diisopropyl ether	108-20-3	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Ethyl benzene	100-41-4	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Ethyl tert-butyl ether	637-92-3	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	m,p-Xylene	179601-23-1	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Methyl tert-butyl ether	1634-04-4	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Methylene Chloride	75-09-2	0.0049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	n-Butylbenzene	104-51-8	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	n-Propylbenzene	103-65-1	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	o-Xylene	95-47-6	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	p-Cymene	99-87-6	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	sec-Butylbenzene	135-98-8	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Styrene	100-42-5	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	t-Amyl methyl ether	994-05-8	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	tert Butyl alcohol	75-65-0	0.01		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	tert-Butylbenzene	98-06-6	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Tetrachloroethene	127-18-4	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Toluene	108-88-3	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Trichloroethene	79-01-6	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Trichlorofluoromethane	75-69-4	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Vinyl chloride	75-01-4	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Chlorine Oxyanions	Chlorate	14866-68-3	0.53	0.53	mg/kg	Y	J+	EPA 300.1
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Chlorine Oxyanions	Perchlorate	14797-73-0	2.4	2.4	mg/kg	Y		EPA 314.0
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00015	0.00015	mg/kg	Y		EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000038	0.000038	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000084	0.000084	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000011	0.000011	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000029	0.000029	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000026	0.000026	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000015	0.0000015	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00002	0.00002	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000021	0.0000021	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000044		mg/kg	N	U	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000029	0.0000029	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000012	0.000012	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000091		mg/kg	N	UJ	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000051	0.0000051	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000008	0.000008	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000053	0.0000053	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000084		mg/kg	N	U	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	HpCDD (total)	37871-00-4	0.000018	0.000018	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	HpCDF (total)	38998-75-3	0.00016	0.00016	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	HxCDD (total)	34465-46-8	0.0000096	0.0000096	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	HxCDF (total)	55684-94-1	0.000099	0.000099	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	PeCDD (total)	36088-22-9	0.0000071	0.0000071	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	PeCDF (total)	30402-15-4	0.00008	0.00008	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	TCDD (total)	41903-57-5	0.00000095	0.00000095	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Dioxins	TCDF (total)	30402-14-3	0.000043	0.000043	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	General Chemistry	Ammonia	7664-41-7	4.1	4.1	mg/kg	Y	J	SM 4500 NH3-D
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	General Chemistry	Bromide	24959-67-9	3.6		mg/kg	N	U	EPA 9056
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	General Chemistry	Chloride	16887-00-6	580	580	mg/kg	Y		EPA 9056
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	General Chemistry	Chlorite	7758-19-2	0.041		mg/kg	N	U	EPA 300.1
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	General Chemistry	Fluoride	16984-48-8	3.6		mg/kg	N	UJ	EPA 9056
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	General Chemistry	Nitrate	14797-55-8	28.34285714	28.34285714	mg/kg	Y	J+	EPA 9056
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 9056
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	General Chemistry	Sulfate	14808-79-8	110	110	mg/kg	Y		EPA 9056
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Antimony	7440-36-0	0.27		mg/kg	N	UJ	EPA 6020
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Arsenic	7440-38-2	3.2	3.2	mg/kg	Y		EPA 6020
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Barium	7440-39-3	200	200	mg/kg	Y	J+	EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Boron	7440-42-8	6.4	6.4	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Cadmium	7440-43-9	0.25		mg/kg	N	U	EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Chromium VI	18540-29-9	0.15		mg/kg	N	U	EPA 7199
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Cobalt	7440-48-4	6.1	6.1	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Copper	7440-50-8	17	17	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Iron	7439-89-6	16000	16000	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Lead	7439-92-1	8.1	8.1	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Magnesium	7439-95-4	7800	7800	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Manganese	7439-96-5	450	450	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Mercury	7439-97-6	0.021	0.021	mg/kg	Y	J-	EPA 7471
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Nickel	7440-02-0	16	16	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Phosphorus (total)	7723-14-0	1300	1300	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Silver	7440-22-4	0.91		mg/kg	N	U	EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Strontium	7440-24-6	160	160	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Thallium	7440-28-0	0.25		mg/kg	N	U	EPA 6020
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Tungsten	7440-33-7	2.5		mg/kg	N	UJ	EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Vanadium	7440-62-2	53	53	mg/kg	Y	J+	EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	Zirconium	7440-67-7	18	18	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	2,4'-DDE	3424-82-6	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	4,4'-DDD	72-54-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	4,4'-DDE	72-55-9	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	4,4'-DDT	50-29-3	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	Aldrin	309-00-2	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	alpha-BHC	319-84-6	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	beta-BHC	319-85-7	0.0018	0.0018	mg/kg	Y	J	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	delta-BHC	319-86-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	Dieldrin	60-57-1	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	Endosulfan I	959-98-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	Endosulfan II	33213-65-9	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	Endrin	72-20-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	Endrin aldehyde	7421-93-4	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	gamma-BHC	58-89-9	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	gamma-Chlordane	5103-74-2	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	Hexachlorobenzene	118-74-1	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	Methoxychlor	72-43-5	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	Toxaphene	8001-35-2	0.051		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Chlorpyrifos	2921-88-2	0.0066		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Coumaphos	56-72-4	0.0029		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Dasanit	115-90-2	0.0084		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Demeton (O + S)	8065-48-3	0.0077		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Diazinon	333-41-5	0.0075		mg/kg	N	U	EPA 8141A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Dichlorovos	62-73-7	0.0076		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Dimethoate	60-51-5	0.0073		mg/kg	N	UJ	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Disulfoton	298-04-4	0.0079		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	EPN	2104-64-5	0.0038		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Ethoprop	13194-48-4	0.0051		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Famphur	52-85-7	0.0033		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Fenthion	55-38-9	0.009		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Guthion	86-50-0	0.0036		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Malathion	121-75-5	0.0048		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Merphos	150-50-5	0.0053		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Methyl parathion	298-00-0	0.0065		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Mevinphos	7786-34-7	0.0047		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Parathion	56-38-2	0.0054		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Phorate	298-02-2	0.0058		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Propazine	139-40-2	0.0088		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Prothiophos	34643-46-4	0.004		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Ronnel	299-84-3	0.016		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Simazine	122-34-9	0.023		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Sulfotepp	3689-24-5	0.0064		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Sulprofos	35400-43-2	0.0043		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Thionazin	297-97-2	0.0057		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	Trichloronate	327-98-0	0.0064		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Organics	Acetic acid	64-19-7	1.3		mg/kg	N	U	VFA
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Organics	Butyric acid	107-92-6	1.4		mg/kg	N	U	VFA
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Organics	Formic acid	64-18-6	2		mg/kg	N	U	VFA
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Organics	Lactic acid	598-82-3	2.7		mg/kg	N	U	VFA
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Organics	Propionic acid	79-09-4	1.5		mg/kg	N	U	VFA
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	Organics	Pyruvic acid	127-17-3	2.2		mg/kg	N	UJ	VFA
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	2-Methylnaphthalene	91-57-6	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	Acenaphthene	83-32-9	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	Acenaphthylene	208-96-8	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	Anthracene	120-12-7	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	Benzo(a)anthracene	56-55-3	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	Benzo(a)pyrene	50-32-8	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	Benzo(b)fluoranthene	205-99-2	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	Benzo(k)fluoranthene	207-08-9	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	Chrysene	218-01-9	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	Fluoranthene	206-44-0	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	Fluorene	86-73-7	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	Naphthalene	91-20-3	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	Phenanthrene	85-01-8	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	Pyrene	129-00-0	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Dichlorobiphenyl	25512-42-9	0.00021	0.00021	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Heptachlorobiphenyl	28655-71-2	0.00017	0.00017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Hexachlorobiphenyl	26601-64-9	0.00027	0.00027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Monochlorobiphenyl	27323-18-8	0.0002	0.0002	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Nonachlorobiphenyl	53742-07-7	0.00041	0.00041	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Octachlorobiphenyl	55722-26-4	0.00019	0.00019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-001 (2-CB)	2051-60-7	0.000079	0.000079	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-002 (3-CB)	2051-61-8	0.000036	0.000036	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-003 (4-CB)	2051-62-9	0.000089	0.000089	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000035	0.000035	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000057	0.0000057	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.00003	0.00003	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.000003	0.000003	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000052	0.000052	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.00000084	0.00000084	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.0000077	0.0000077	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.00000064		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.00003	0.00003	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000021	0.0000021	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.0000004	0.0000004	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00000026		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00000035	0.00000035	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.00000066	0.00000066	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.00000019	0.00000019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.0000085	0.0000085	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.00000074	0.00000074	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.00000027		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.00000055	0.00000055	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000003		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.00000084	0.00000084	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.00000026		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.00000024		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.00000045	0.00000045	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000023		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.00000077	0.00000077	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.00000018		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000021	0.000021	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.000000055		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.0000004	0.0000004	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.0000034	0.0000034	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.00000041	0.00000041	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.00000021		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.00000034	0.00000034	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.0000074	0.0000074	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.00000057	0.00000057	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.00000068	0.00000068	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.00000082	0.00000082	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.00000014		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.00000079	0.00000079	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.00000082	0.00000082	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.0000071	0.0000071	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.0000016		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.0000093	0.0000093	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.0000016		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.00004	0.00004	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.00000042	0.00000042	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.00000011		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.0000055	0.0000055	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.0000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.0000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.0000033	0.0000033	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.000049	0.000049	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0000011		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.0000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.0000015		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.0000015		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.0000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.0000055	0.0000055	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.0000016		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.0000056	0.0000056	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.0000054	0.0000054	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.0000016		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.0000033	0.0000033	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.000001		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.0000014		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.00000096		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.00000098		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.0000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.0000009		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.0000085	0.0000085	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.000003	0.000003	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.0000022	0.0000022	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.000003	0.000003	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.0000048	0.0000048	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.0000011		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.0000069	0.0000069	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.00000094	0.00000094	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0000093	0.0000093	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.0000066	0.0000066	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.0000044	0.0000044	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.0000072	0.0000072	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.0000056	0.0000056	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.0000048	0.0000048	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.0000064	0.0000064	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00000086	0.00000086	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.0000044	0.0000044	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.0000073	0.0000073	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.0000044	0.0000044	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.0000034	0.0000034	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.0000025	0.0000025	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.0000071	0.0000071	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.000027	0.000027	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.000021	0.000021	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.0000064	0.0000064	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.000024	0.000024	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.00016	0.00016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCB-209 (DeCB)	2051-24-3	0.0013	0.0013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 107+124	PCB107+124	0.0000029	0.0000029	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 110+115	PCB110+115	0.00006	0.00006	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 12+13	PCB12+13	0.000037	0.000037	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 128+166	PCB128+166	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 129+138+163	PCB129+138+163	0.000059	0.000059	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 134+143	PCB134+143	0.0000039	0.0000039	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 135+151	PCB135+151	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 139+140	PCB139+140	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 147+149	PCB147+149	0.000036	0.000036	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 153+168	PCB153+168	0.000038	0.000038	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 156+157	PCB156+157	0.000013	0.000013	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 171+173	PCB171+173	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 18+30	PCB18+30	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 180+193	PCB180+193	0.000033	0.000033	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 198+199	PCB198+199	0.000034	0.000034	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 20+28	PCB20+28	0.0000058	0.0000058	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 21+33	PCB21+33	0.0000047	0.0000047	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 26+29	PCB26+29	0.0000022	0.0000022	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 40+71	PCB40+71	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 44+47+65	PCB44+47+65	0.000009	0.000009	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 49+69	PCB49+69	0.0000044	0.0000044	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 50+53	PCB50+53	0.00000065	0.00000065	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 59+62+75	PCB59+62+75	0.000001	0.000001	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 85+116+117	PCB85+116+117	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.000037	0.000037	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 88+91	PCB88+91	0.0000051	0.0000051	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 90+101+113	PCB90+101+113	0.000048	0.000048	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 93+100	PCB93+100	0.0000014		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	PCBs 98+102	PCB98+102	0.0000014		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Pentachlorobiphenyl	25429-29-2	0.00034	0.00034	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Tetrachlorobiphenyl	26914-33-0	0.000088	0.000088	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Trichlorobiphenyl	25323-68-6	0.000049	0.000049	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	RAD	Radium-226	Ra-226	1.18	1.18	pCi/g	Y		EPA 903.0
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	RAD	Radium-228	Ra-228	1.13	1.13	pCi/g	Y		EPA 904.0
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	RAD	Thorium-228	Th-228	2.03	2.03	pCi/g	Y		714R14
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	RAD	Thorium-230	Th-230	1.36	1.36	pCi/g	Y		714R14
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	RAD	Thorium-232	Th-232	2.01	2.01	pCi/g	Y		714R14
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	RAD	Uranium (total)	U-Total	1.89	1.89	pCi/g	Y	J	DOE U-02
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	RAD	Uranium-234	U-234	0.858	0.858	pCi/g	Y		DOE U-02
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	RAD	Uranium-235	U-235	0.0213		pCi/g	N	UJ	DOE U-02
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	RAD	Uranium-238	U-238	1.01	1.01	pCi/g	Y		DOE U-02
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.27		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.16		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	2,4-Dichlorophenol	120-83-2	0.069		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	2,4-Dinitrophenol	51-28-5	1		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	2,4-Dinitrotoluene	121-14-2	0.082		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	2,6-Dinitrotoluene	606-20-2	0.098		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	2-Chloronaphthalene	91-58-7	0.069		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	2-Chlorophenol	95-57-8	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	2-Methylphenol	95-48-7	0.082		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	2-Nitroaniline	88-74-4	0.17		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.077		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.21		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	4-Chloroaniline	106-47-8	0.15		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.21		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	4-Nitrophenol	100-02-7	0.51		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	Benzoic acid	65-85-0	0.49		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	Benzyl alcohol	100-51-6	0.42		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.092		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	Butylbenzylphthalate	85-68-7	0.082		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	Dibenzofuran	132-64-9	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	Diethylphthalate	84-66-2	0.098		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	Dimethylphthalate	131-11-3	0.069		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	Di-n-butylphthalate	84-74-2	0.092		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	Di-n-octylphthalate	117-84-0	0.092		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	Hexachlorobutadiene	87-68-3	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.32		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	Hexachloroethane	67-72-1	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	Isophorone	78-59-1	0.069		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	Nitrobenzene	98-95-3	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.072		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.16		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	Phenol	108-95-2	0.092		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	TPH	Petroleum Hydrocarbons (C23-C40)	C23-C40	2.6		mg/kg	N	U	EPA 8015
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.6		mg/kg	N	U	EPA 8015
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1,1,1-Trichloroethane	71-55-6	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1,1,2-Trichloroethane	79-00-5	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1,1-Dichloroethane	75-34-3	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1,1-Dichloroethene	75-35-4	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1,1-Dichloropropene	563-58-6	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1,2,3-Trichloropropane	96-18-4	0.0011		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1,2-Dibromoethane	106-93-4	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1,2-Dichlorobenzene	95-50-1	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1,2-Dichloroethane	107-06-2	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1,2-Dichloropropane	78-87-5	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1,3-Dichlorobenzene	541-73-1	0.00054		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1,3-Dichloropropane	142-28-9	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1,4-Dichlorobenzene	106-46-7	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	2,2-Dichloropropane	594-20-7	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	2-Butanone	78-93-3	0.0054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	2-Chlorotoluene	95-49-8	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	2-Hexanone	591-78-6	0.0054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	4-Chlorotoluene	106-43-4	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	4-Methyl-2-pentanone	108-10-1	0.0027		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Acetone	67-64-1	0.0086		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Benzene	71-43-2	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Bromobenzene	108-86-1	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Bromochloromethane	74-97-5	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Bromodichloromethane	75-27-4	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Bromoform	75-25-2	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Bromomethane	74-83-9	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Carbon tetrachloride	56-23-5	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Chlorobenzene	108-90-7	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Chloroethane	75-00-3	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Chloroform	67-66-3	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Chloromethane	74-87-3	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Cumene	98-82-8	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Dibromochloromethane	124-48-1	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Dibromomethane	74-95-3	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Dichlorodifluoromethane	75-71-8	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Diisopropyl ether	108-20-3	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Ethyl benzene	100-41-4	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Ethyl tert-butyl ether	637-92-3	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	m,p-Xylene	179601-23-1	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Methyl tert-butyl ether	1634-04-4	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Methylene Chloride	75-09-2	0.0054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	n-Butylbenzene	104-51-8	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	n-Propylbenzene	103-65-1	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	o-Xylene	95-47-6	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	p-Cymene	99-87-6	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	sec-Butylbenzene	135-98-8	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Styrene	100-42-5	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	t-Amyl methyl ether	994-05-8	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	tert Butyl alcohol	75-65-0	0.011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	tert-Butylbenzene	98-06-6	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Tetrachloroethene	127-18-4	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Toluene	108-88-3	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Trichloroethene	79-01-6	0.00054		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Trichlorofluoromethane	75-69-4	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	Vinyl chloride	75-01-4	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Chlorine Oxyanions	Chlorate	14866-68-3	1.2	1.2	mg/kg	Y	J+	EPA 300.1
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Chlorine Oxyanions	Perchlorate	14797-73-0	5.9	5.9	mg/kg	Y		EPA 314.0
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.0015	0.0015	mg/kg	Y		EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000096	0.000096	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.00082	0.00082	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.00007	0.00007	mg/kg	Y		EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.00031	0.00031	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.00026	0.00026	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.00001	0.00001	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.00023	0.00023	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000082	0.000082	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000028	0.000028	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.000046	0.000046	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.00018	0.00018	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.000012	0.000012	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.000052	0.000052	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.000087	0.000087	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.000068	0.000068	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000053	0.0000053	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	HpCDD (total)	37871-00-4	0.00011	0.00011	mg/kg	Y		EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	HpCDF (total)	38998-75-3	0.0016	0.0016	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	HxCDD (total)	34465-46-8	0.00051	0.00051	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	HxCDF (total)	55684-94-1	0.0016	0.0016	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	PeCDD (total)	36088-22-9	0.00011	0.00011	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	PeCDF (total)	30402-15-4	0.0015	0.0015	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	TCDD (total)	41903-57-5	0.000052	0.000052	mg/kg	Y	J	EPA 8290

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	TCDF (total)	30402-14-3	0.00081	0.00081	mg/kg	Y	J	EPA 8290
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Ammonia	7664-41-7	4.9	4.9	mg/kg	Y	J	SM 4500 NH3-D
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Bromide	24959-67-9	15	15	mg/kg	Y		EPA 9056
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Chloride	16887-00-6	2600	2600	mg/kg	Y		EPA 9056
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Chlorite	7758-19-2	0.042		mg/kg	N	U	EPA 300.1
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Fluoride	16984-48-8	3.7		mg/kg	N	UJ	EPA 9056
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Nitrate	14797-55-8	132.8571429	132.8571429	mg/kg	Y	J+	EPA 9056
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Nitrite	14797-65-0	3.942857143		mg/kg	N	U	EPA 9056
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Sulfate	14808-79-8	3000	3000	mg/kg	Y		EPA 9056
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Antimony	7440-36-0	0.28		mg/kg	N	UJ	EPA 6020
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Arsenic	7440-38-2	4.5	4.5	mg/kg	Y		EPA 6020
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Barium	7440-39-3	170	170	mg/kg	Y	J+	EPA 6010
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Boron	7440-42-8	14	14	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Chromium VI	18540-29-9	0.16		mg/kg	N	U	EPA 7199
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Cobalt	7440-48-4	5.5	5.5	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Copper	7440-50-8	16	16	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Iron	7439-89-6	15000	15000	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Lead	7439-92-1	9.5	9.5	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Magnesium	7439-95-4	10000	10000	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Manganese	7439-96-5	330	330	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Mercury	7439-97-6	0.4	0.4	mg/kg	Y	J-	EPA 7471
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Nickel	7440-02-0	16	16	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Phosphorus (total)	7723-14-0	850	850	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Silver	7440-22-4	0.93		mg/kg	N	U	EPA 6010
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Strontium	7440-24-6	290	290	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Tungsten	7440-33-7	2.6		mg/kg	N	UJ	EPA 6010
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Vanadium	7440-62-2	44	44	mg/kg	Y	J+	EPA 6010
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Zirconium	7440-67-7	20	20	mg/kg	Y		EPA 6010
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	2,4'-DDE	3424-82-6	0.0025	0.0025	mg/kg	Y	J	EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	4,4'-DDE	72-55-9	0.017	0.017	mg/kg	Y		EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	4,4'-DDT	50-29-3	0.0035	0.0035	mg/kg	Y	J	EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	beta-BHC	319-85-7	0.01	0.01	mg/kg	Y		EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Hexachlorobenzene	118-74-1	0.074		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Toxaphene	8001-35-2	0.053		mg/kg	N	U	EPA 8081
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Chlorpyrifos	2921-88-2	0.0066		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Coumaphos	56-72-4	0.0029		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Dasanit	115-90-2	0.0083		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Demeton (O + S)	8065-48-3	0.0077		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Diazinon	333-41-5	0.0074		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Dichlorovos	62-73-7	0.0076		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Dimethoate	60-51-5	0.0072		mg/kg	N	UJ	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Disulfoton	298-04-4	0.0079		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	EPN	2104-64-5	0.0038		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Ethoprop	13194-48-4	0.005		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Famphur	52-85-7	0.0033		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Fenthion	55-38-9	0.0089		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Guthion	86-50-0	0.0036		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Malathion	121-75-5	0.0047		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Merphos	150-50-5	0.0052		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Methyl parathion	298-00-0	0.0065		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Mevinphos	7786-34-7	0.0047		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Parathion	56-38-2	0.0054		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Phorate	298-02-2	0.0058		mg/kg	N	U	EPA 8141A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Propazine	139-40-2	0.0088		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Prothiophos	34643-46-4	0.004		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Ronnel	299-84-3	0.016		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Simazine	122-34-9	0.023		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Sulfotepp	3689-24-5	0.0064		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Sulprofos	35400-43-2	0.0043		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Thionazin	297-97-2	0.0057		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Trichloronate	327-98-0	0.0064		mg/kg	N	U	EPA 8141A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Acetic acid	64-19-7	1.6		mg/kg	N	U	VFA
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Butyric acid	107-92-6	1.7		mg/kg	N	U	VFA
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Formic acid	64-18-6	2.3		mg/kg	N	U	VFA
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Lactic acid	598-82-3	3.1		mg/kg	N	U	VFA
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Propionic acid	79-09-4	1.8		mg/kg	N	U	VFA
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Pyruvic acid	127-17-3	2.6		mg/kg	N	UJ	VFA
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	1-Methylnaphthalene	90-12-0	0.16		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	2-Methylnaphthalene	91-57-6	0.074		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Acenaphthene	83-32-9	0.0043		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Acenaphthylene	208-96-8	0.0043		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Anthracene	120-12-7	0.0043		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Benzo(a)anthracene	56-55-3	0.0043		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Benzo(a)pyrene	50-32-8	0.0043		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Benzo(b)fluoranthene	205-99-2	0.0043		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0043		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Benzo(k)fluoranthene	207-08-9	0.0043		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Chrysene	218-01-9	0.0043		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0043		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Fluoranthene	206-44-0	0.0043		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Fluorene	86-73-7	0.0043		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0043		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Naphthalene	91-20-3	0.0051	0.0051	mg/kg	Y	J	EPA 8270C SIM
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Phenanthrene	85-01-8	0.0043		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Pyrene	129-00-0	0.0043		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Dichlorobiphenyl	25512-42-9	0.00012	0.00012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Heptachlorobiphenyl	28655-71-2	0.00095	0.00095	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Hexachlorobiphenyl	26601-64-9	0.0008	0.0008	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Monochlorobiphenyl	27323-18-8	0.000034	0.000034	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Nonachlorobiphenyl	53742-07-7	0.0029	0.0029	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Octachlorobiphenyl	55722-26-4	0.0013	0.0013	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-001 (2-CB)	2051-60-7	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-002 (3-CB)	2051-61-8	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-003 (4-CB)	2051-62-9	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000018	0.0000018	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.0000099	0.0000099	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.000001	0.000001	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.0000049	0.0000049	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000005		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.0000072	0.0000072	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.000044	0.000044	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.00000035	0.00000035	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000048	0.0000048	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00000067	0.00000067	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00000053	0.00000053	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.00000035	0.00000035	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.00000071	0.00000071	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.000001	0.000001	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000066	0.0000066	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.000021	0.000021	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.0000046	0.0000046	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.00000091	0.00000091	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.0000021	0.0000021	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.00000083	0.00000083	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000047		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.00000054	0.00000054	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000019	0.00000019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.0000018	0.0000018	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.0000096	0.0000096	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.0000058	0.0000058	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.0000039	0.0000039	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.0000033	0.0000033	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.00000056	0.00000056	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.000016	0.000016	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.0000054	0.0000054	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.0000082	0.0000082	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.0000065	0.0000065	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.0000031		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.0000029		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.000025	0.000025	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.00002	0.00002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000038	0.000038	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.000022	0.000022	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.0000099	0.0000099	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.000012	0.000012	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.000072	0.000072	mg/kg	Y	J+	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.0000092	0.0000092	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.0000025		mg/kg	N	U	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.0000058	0.0000058	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.000012	0.000012	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.000009	0.000009	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.000021	0.000021	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.0000053	0.0000053	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.000028	0.000028	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.000039	0.000039	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.0000099	0.0000099	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.0000029	0.0000029	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.000046	0.000046	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.0000067	0.0000067	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.0000052	0.0000052	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.000022	0.000022	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.000016	0.000016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.0000085	0.0000085	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.000021	0.000021	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.0000064	0.0000064	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.000029	0.000029	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.000007	0.000007	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.000051	0.000051	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.000056	0.000056	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.000059	0.000059	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.000044	0.000044	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.00003	0.00003	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.000034	0.000034	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.000038	0.000038	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.000031	0.000031	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.000026	0.000026	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.000064	0.000064	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.000046	0.000046	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.0000065	0.0000065	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.000076	0.000076	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.000032	0.000032	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.00004	0.00004	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.000023	0.000023	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.000019	0.000019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.0001	0.0001	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.000044	0.000044	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.00018	0.00018	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.00014	0.00014	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.000052	0.000052	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.00017	0.00017	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.000093	0.000093	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.000091	0.000091	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.000086	0.000086	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.000076	0.000076	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.00086	0.00086	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.0012	0.0012	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.00086	0.00086	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-209 (DeCB)	2051-24-3	0.0089	0.0089	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 107+124	PCB107+124	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 110+115	PCB110+115	0.000072	0.000072	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 12+13	PCB12+13	0.000024	0.000024	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 128+166	PCB128+166	0.000027	0.000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 129+138+163	PCB129+138+163	0.00012	0.00012	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 134+143	PCB134+143	0.00001	0.00001	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 135+151	PCB135+151	0.000044	0.000044	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 139+140	PCB139+140	0.000013	0.000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 147+149	PCB147+149	0.000074	0.000074	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 153+168	PCB153+168	0.000093	0.000093	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 156+157	PCB156+157	0.000038	0.000038	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 171+173	PCB171+173	0.000068	0.000068	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 18+30	PCB18+30	0.0000033	0.0000033	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 180+193	PCB180+193	0.00015	0.00015	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 198+199	PCB198+199	0.00023	0.00023	mg/kg	Y		EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 20+28	PCB20+28	0.0000097	0.0000097	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 21+33	PCB21+33	0.0000051	0.0000051	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 26+29	PCB26+29	0.000004	0.000004	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 40+71	PCB40+71	0.0000064	0.0000064	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 44+47+65	PCB44+47+65	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 49+69	PCB49+69	0.0000062	0.0000062	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 50+53	PCB50+53	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 59+62+75	PCB59+62+75	0.0000048	0.0000048	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.00004	0.00004	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 85+116+117	PCB85+116+117	0.000031	0.000031	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.000055	0.000055	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 88+91	PCB88+91	0.0000082	0.0000082	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 90+101+113	PCB90+101+113	0.000055	0.000055	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 93+100	PCB93+100	0.0000034	0.0000034	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 98+102	PCB98+102	0.0000028	0.0000028	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Pentachlorobiphenyl	25429-29-2	0.00054	0.00054	mg/kg	Y	J+	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Tetrachlorobiphenyl	26914-33-0	0.00019	0.00019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Trichlorobiphenyl	25323-68-6	0.000085	0.000085	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Radium-226	Ra-226	1.1	1.1	pCi/g	Y		EPA 903.0
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Radium-228	Ra-228	1.17	1.17	pCi/g	Y		EPA 904.0
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Thorium-228	Th-228	1.8	1.8	pCi/g	Y		714R14
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Thorium-230	Th-230	1.3	1.3	pCi/g	Y		714R14
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Thorium-232	Th-232	1.89	1.89	pCi/g	Y		714R14
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Uranium (total)	U-Total	1.84	1.84	pCi/g	Y	J	DOE U-02
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Uranium-234	U-234	0.993	0.993	pCi/g	Y		DOE U-02
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Uranium-235	U-235	0.00693		pCi/g	N	UJ	DOE U-02
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Uranium-238	U-238	0.843	0.843	pCi/g	Y		DOE U-02
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.28		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.17		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4-Dichlorophenol	120-83-2	0.071		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4-Dimethylphenol	105-67-9	0.14		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4-Dinitrophenol	51-28-5	1.1		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4-Dinitrotoluene	121-14-2	0.085		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,6-Dinitrotoluene	606-20-2	0.1		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2-Chloronaphthalene	91-58-7	0.071		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2-Chlorophenol	95-57-8	0.074		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2-Methylphenol	95-48-7	0.085		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2-Nitroaniline	88-74-4	0.18		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.16		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.08		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.21		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Chloroaniline	106-47-8	0.16		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.21		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Nitrophenol	100-02-7	0.53		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Aniline	62-53-3	0.15		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Benzoic acid	65-85-0	0.5		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Benzyl alcohol	100-51-6	0.44		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.074		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.096		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Butylbenzylphthalate	85-68-7	0.085		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Dibenzofuran	132-64-9	0.15		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Diethylphthalate	84-66-2	0.1		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Dimethylphthalate	131-11-3	0.071		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Di-n-butylphthalate	84-74-2	0.096		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Di-n-octylphthalate	117-84-0	0.096		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Hexachlorobutadiene	87-68-3	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.33		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Hexachloroethane	67-72-1	0.074		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Isophorone	78-59-1	0.071		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Nitrobenzene	98-95-3	0.074		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.074		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.17		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Pentachlorophenol	87-86-5	0.36		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Phenol	108-95-2	0.096		mg/kg	N	U	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Pyridine	110-86-1	0.16		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	TPH	Petroleum Hydrocarbons (C23-C40)	C23-C40	2.7	2.7	mg/kg	Y	J	EPA 8015
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.7		mg/kg	N	U	EPA 8015
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.16		mg/kg	N	U	EPA 8015
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1,1-Trichloroethane	71-55-6	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1,2-Trichloroethane	79-00-5	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1-Dichloroethane	75-34-3	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1-Dichloroethene	75-35-4	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1-Dichloropropene	563-58-6	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2,3-Trichloropropane	96-18-4	0.0022		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0045		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2-Dibromoethane	106-93-4	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2-Dichlorobenzene	95-50-1	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2-Dichloroethane	107-06-2	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2-Dichloropropane	78-87-5	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,3-Dichlorobenzene	541-73-1	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,3-Dichloropropane	142-28-9	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,4-Dichlorobenzene	106-46-7	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	2,2-Dichloropropane	594-20-7	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	2-Butanone	78-93-3	0.011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	2-Chlorotoluene	95-49-8	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	2-Hexanone	591-78-6	0.011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	4-Chlorotoluene	106-43-4	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	4-Methyl-2-pentanone	108-10-1	0.0056		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Acetone	67-64-1	0.018		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Benzene	71-43-2	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Bromobenzene	108-86-1	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Bromochloromethane	74-97-5	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Bromodichloromethane	75-27-4	0.0011		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Bromoform	75-25-2	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Bromomethane	74-83-9	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Carbon tetrachloride	56-23-5	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Chlorobenzene	108-90-7	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Chloroethane	75-00-3	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Chloroform	67-66-3	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Chloromethane	74-87-3	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	cis-1,2-Dichloroethene	156-59-2	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Cumene	98-82-8	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Dibromochloromethane	124-48-1	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Dibromomethane	74-95-3	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Dichlorodifluoromethane	75-71-8	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Diisopropyl ether	108-20-3	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Ethyl benzene	100-41-4	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Ethyl tert-butyl ether	637-92-3	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	m,p-Xylene	179601-23-1	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Methyl tert-butyl ether	1634-04-4	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Methylene Chloride	75-09-2	0.011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	n-Butylbenzene	104-51-8	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	n-Propylbenzene	103-65-1	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	o-Xylene	95-47-6	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	p-Cymene	99-87-6	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	sec-Butylbenzene	135-98-8	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Styrene	100-42-5	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	t-Amyl methyl ether	994-05-8	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	tert Butyl alcohol	75-65-0	0.022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	tert-Butylbenzene	98-06-6	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Tetrachloroethene	127-18-4	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Toluene	108-88-3	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	trans-1,2-Dichloroethene	156-60-5	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Trichloroethene	79-01-6	0.0011		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Trichlorofluoromethane	75-69-4	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Vinyl chloride	75-01-4	0.0022		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Chlorine Oxyanions	Chlorate	14866-68-3	0.77	0.77	mg/kg	Y	J+	EPA 300.1
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Chlorine Oxyanions	Perchlorate	14797-73-0	3.1	3.1	mg/kg	Y		EPA 314.0
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000042	0.000042	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.00001	0.00001	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000018	0.000018	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000017	0.0000017	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.0000091	0.0000091	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.0000055	0.0000055	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000021	0.0000021	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000005	0.000005	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.000004	0.000004	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000021	0.0000021	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000025	0.0000025	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000004	0.000004	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000072		mg/kg	N	UJ	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000015	0.0000015	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000019	0.0000019	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000033	0.0000033	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000047		mg/kg	N	U	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	HpCDD (total)	37871-00-4	0.0000045	0.0000045	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	HpCDF (total)	38998-75-3	0.000039	0.000039	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	HxCDD (total)	34465-46-8	0.000017	0.000017	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	HxCDF (total)	55684-94-1	0.000027	0.000027	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	PeCDD (total)	36088-22-9	0.0000029	0.0000029	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	PeCDF (total)	30402-15-4	0.000019	0.000019	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	TCDD (total)	41903-57-5	0.00000047		mg/kg	N	U	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	TCDF (total)	30402-14-3	0.0000091	0.0000091	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Ammonia	7664-41-7	3.9	3.9	mg/kg	Y	J	SM 4500 NH3-D
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Bromide	24959-67-9	3.6		mg/kg	N	U	EPA 9056
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Chloride	16887-00-6	750	750	mg/kg	Y		EPA 9056
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Chlorite	7758-19-2	0.042		mg/kg	N	U	EPA 300.1
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Fluoride	16984-48-8	3.6		mg/kg	N	UJ	EPA 9056
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Nitrate	14797-55-8	119.5714286	119.5714286	mg/kg	Y	J+	EPA 9056
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 9056
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Sulfate	14808-79-8	6900	6900	mg/kg	Y		EPA 9056
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Antimony	7440-36-0	0.28		mg/kg	N	UJ	EPA 6020
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Arsenic	7440-38-2	3.6	3.6	mg/kg	Y		EPA 6020
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Barium	7440-39-3	130	130	mg/kg	Y	J+	EPA 6010
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Boron	7440-42-8	32	32	mg/kg	Y		EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Chromium VI	18540-29-9	0.16		mg/kg	N	U	EPA 7199
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Cobalt	7440-48-4	5.6	5.6	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Copper	7440-50-8	16	16	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Iron	7439-89-6	14000	14000	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Lead	7439-92-1	10	10	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Magnesium	7439-95-4	9400	9400	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Manganese	7439-96-5	410	410	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Mercury	7439-97-6	0.023	0.023	mg/kg	Y	J-	EPA 7471
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Nickel	7440-02-0	16	16	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Phosphorus (total)	7723-14-0	1000	1000	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Silver	7440-22-4	0.92		mg/kg	N	U	EPA 6010
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Strontium	7440-24-6	200	200	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Tungsten	7440-33-7	2.6		mg/kg	N	UJ	EPA 6010
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Vanadium	7440-62-2	46	46	mg/kg	Y	J+	EPA 6010
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Zirconium	7440-67-7	16	16	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	2,4'-DDE	3424-82-6	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	4,4'-DDD	72-54-8	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	4,4'-DDE	72-55-9	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	4,4'-DDT	50-29-3	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Aldrin	309-00-2	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	alpha-BHC	319-84-6	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	beta-BHC	319-85-7	0.0017	0.0017	mg/kg	Y	J	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	delta-BHC	319-86-8	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Dieldrin	60-57-1	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endosulfan I	959-98-8	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endosulfan II	33213-65-9	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endrin	72-20-8	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endrin aldehyde	7421-93-4	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	gamma-BHC	58-89-9	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	gamma-Chlordane	5103-74-2	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Hexachlorobenzene	118-74-1	0.073		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Methoxychlor	72-43-5	0.0016		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Toxaphene	8001-35-2	0.052		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Chlorpyrifos	2921-88-2	0.0064		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Coumaphos	56-72-4	0.0028		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Dasanit	115-90-2	0.0081		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Demeton (O + S)	8065-48-3	0.0075		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Diazinon	333-41-5	0.0072		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Dichlorovos	62-73-7	0.0074		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Dimethoate	60-51-5	0.007		mg/kg	N	UJ	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Disulfoton	298-04-4	0.0077		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	EPN	2104-64-5	0.0037		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Ethoprop	13194-48-4	0.0049		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Famphur	52-85-7	0.0032		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Fenthion	55-38-9	0.0087		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Guthion	86-50-0	0.0035		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Malathion	121-75-5	0.0046		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Merphos	150-50-5	0.0051		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Methyl parathion	298-00-0	0.0063		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Mevinphos	7786-34-7	0.0046		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Parathion	56-38-2	0.0053		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Phorate	298-02-2	0.0057		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Propazine	139-40-2	0.0086		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Prothiophos	34643-46-4	0.0039		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Ronnel	299-84-3	0.015		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Simazine	122-34-9	0.022		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Sulfotepp	3689-24-5	0.0062		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Sulprofos	35400-43-2	0.0042		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Thionazin	297-97-2	0.0055		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Trichloronate	327-98-0	0.0062		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Acetic acid	64-19-7	1.4		mg/kg	N	U	VFA
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Butyric acid	107-92-6	1.5		mg/kg	N	U	VFA
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Formic acid	64-18-6	2.1		mg/kg	N	U	VFA
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Lactic acid	598-82-3	2.8		mg/kg	N	U	VFA
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Propionic acid	79-09-4	1.6		mg/kg	N	U	VFA

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Pyruvic acid	127-17-3	2.4		mg/kg	N	UJ	VFA
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	1-Methylnaphthalene	90-12-0	0.16		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	2-Methylnaphthalene	91-57-6	0.073		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Acenaphthene	83-32-9	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Acenaphthylene	208-96-8	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Anthracene	120-12-7	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Benzo(a)anthracene	56-55-3	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Benzo(a)pyrene	50-32-8	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Benzo(b)fluoranthene	205-99-2	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Benzo(k)fluoranthene	207-08-9	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Chrysene	218-01-9	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Fluoranthene	206-44-0	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Fluorene	86-73-7	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Naphthalene	91-20-3	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Phenanthrene	85-01-8	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Pyrene	129-00-0	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Dichlorobiphenyl	25512-42-9	0.000033	0.000033	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Heptachlorobiphenyl	28655-71-2	0.000042	0.000042	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Hexachlorobiphenyl	26601-64-9	0.000043	0.000043	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Monochlorobiphenyl	27323-18-8	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Nonachlorobiphenyl	53742-07-7	0.000095	0.000095	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Octachlorobiphenyl	55722-26-4	0.000047	0.000047	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-001 (2-CB)	2051-60-7	0.0000046	0.0000046	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-002 (3-CB)	2051-61-8	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-003 (4-CB)	2051-62-9	0.0000057	0.0000057	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.0000051	0.0000051	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.0000032	0.0000032	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.0000067	0.0000067	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.00000085		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.0000034	0.0000034	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.0000062	0.0000062	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.0000006	0.0000006	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.0000004	0.0000004	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00000018		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.0000002	0.0000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.00000037	0.00000037	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.00000014	0.00000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.0000076	0.0000076	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.00000047	0.00000047	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.00000019		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.00000043	0.00000043	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.00000034	0.00000034	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000002		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.00000043	0.00000043	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.00000018	0.00000018	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.0000004	0.0000004	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.00000032	0.00000032	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.0000002	0.0000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000015		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.00000062	0.00000062	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.00000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.0000032	0.0000032	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000039	0.00000039	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.00000015	0.00000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.00000033	0.00000033	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.000000093		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.00000074	0.00000074	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.00000032	0.00000032	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.0000007	0.0000007	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.0000025	0.0000025	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.00000035	0.00000035	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.00000041	0.00000041	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.00000042	0.00000042	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.000000091		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.00000025	0.00000025	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.00000042	0.00000042	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.00000013	0.00000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.00000053	0.00000053	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.00000089	0.00000089	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.00000059		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.00000092	0.00000092	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.00000049		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.00000047		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.00000015		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.0000021	0.0000021	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.00000039		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.00000044	0.00000044	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.0000024	0.0000024	mg/kg	Y		EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.00000037		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.00000034		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.00000035		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.00000083	0.00000083	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.0000053	0.0000053	mg/kg	Y		EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.00000035		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.00000032		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.0000004		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.00000043		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.00000044		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.00000038		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.0000003	0.0000003	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.0000007	0.0000007	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.00000059	0.00000059	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.00000052	0.00000052	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.00000091	0.00000091	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.00000017		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.00000088	0.00000088	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.00000052	0.00000052	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.00000016		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.00000052	0.00000052	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.0000007	0.0000007	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.0000006	0.0000006	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.00000048	0.00000048	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.00000062	0.00000062	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.00000091	0.00000091	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.00000019		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.00000015		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.0000021	0.0000021	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.00000075	0.00000075	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.00000073	0.00000073	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00000034	0.00000034	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.0000036	0.0000036	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.00000072	0.00000072	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.0000064	0.0000064	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.0000053	0.0000053	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.0000065	0.0000065	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.0000034	0.0000034	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.0000034	0.0000034	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.000028	0.000028	mg/kg	Y		EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.000037	0.000037	mg/kg	Y		EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.000029	0.000029	mg/kg	Y		EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-209 (DeCB)	2051-24-3	0.00029	0.00029	mg/kg	Y		EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 107+124	PCB107+124	0.00000037		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 110+115	PCB110+115	0.000006	0.000006	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 12+13	PCB12+13	0.0000043	0.0000043	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 128+166	PCB128+166	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 129+138+163	PCB129+138+163	0.0000062	0.0000062	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 134+143	PCB134+143	0.00000026		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 135+151	PCB135+151	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 139+140	PCB139+140	0.00000082	0.00000082	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 147+149	PCB147+149	0.0000047	0.0000047	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 153+168	PCB153+168	0.0000053	0.0000053	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 156+157	PCB156+157	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 171+173	PCB171+173	0.0000028	0.0000028	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 18+30	PCB18+30	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 180+193	PCB180+193	0.0000064	0.0000064	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 198+199	PCB198+199	0.0000086	0.0000086	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 20+28	PCB20+28	0.0000039	0.0000039	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 21+33	PCB21+33	0.0000036	0.0000036	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 26+29	PCB26+29	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 40+71	PCB40+71	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 44+47+65	PCB44+47+65	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 49+69	PCB49+69	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 50+53	PCB50+53	0.0000002	0.0000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 59+62+75	PCB59+62+75	0.00000077	0.00000077	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.0000059	0.0000059	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 85+116+117	PCB85+116+117	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.0000051	0.0000051	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 88+91	PCB88+91	0.00000043		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 90+101+113	PCB90+101+113	0.0000053	0.0000053	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 93+100	PCB93+100	0.00000042		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 98+102	PCB98+102	0.00000041		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Pentachlorobiphenyl	25429-29-2	0.000038	0.000038	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Tetrachlorobiphenyl	26914-33-0	0.000027	0.000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Trichlorobiphenyl	25323-68-6	0.000032	0.000032	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Radium-226	Ra-226	0.897	0.897	pCi/g	Y	J	EPA 903.0
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Radium-228	Ra-228	0.91	0.91	pCi/g	Y		EPA 904.0
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Thorium-228	Th-228	1.71	1.71	pCi/g	Y		714R14
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Thorium-230	Th-230	1.21	1.21	pCi/g	Y		714R14
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Thorium-232	Th-232	1.69	1.69	pCi/g	Y		714R14
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Uranium (total)	U-Total	1.87	1.87	pCi/g	Y	J	DOE U-02
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Uranium-234	U-234	0.885	0.885	pCi/g	Y		DOE U-02
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Uranium-235	U-235	0.0655	0.0655	pCi/g	Y	J	DOE U-02
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Uranium-238	U-238	0.924	0.924	pCi/g	Y		DOE U-02
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.28		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.17		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4-Dichlorophenol	120-83-2	0.07		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4-Dimethylphenol	105-67-9	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4-Dinitrophenol	51-28-5	1		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4-Dinitrotoluene	121-14-2	0.083		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,6-Dinitrotoluene	606-20-2	0.099		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2-Chloronaphthalene	91-58-7	0.07		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2-Chlorophenol	95-57-8	0.073		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2-Methylphenol	95-48-7	0.083		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2-Nitroaniline	88-74-4	0.18		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.16		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.078		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.21		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Chloroaniline	106-47-8	0.16		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.21		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Nitrophenol	100-02-7	0.52		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Benzoic acid	65-85-0	0.49		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Benzyl alcohol	100-51-6	0.43		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.073		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.094		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Butylbenzylphthalate	85-68-7	0.083		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Dibenzofuran	132-64-9	0.15		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Diethylphthalate	84-66-2	0.099		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Dimethylphthalate	131-11-3	0.07		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Di-n-butylphthalate	84-74-2	0.094		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Di-n-octylphthalate	117-84-0	0.094		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Hexachlorobutadiene	87-68-3	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.32		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Hexachloroethane	67-72-1	0.073		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Isophorone	78-59-1	0.07		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Nitrobenzene	98-95-3	0.073		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.073		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.17		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Phenol	108-95-2	0.094		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Pyridine	110-86-1	0.16		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	TPH	Petroleum Hydrocarbons (C23-C40)	C23-C40	3.6	3.6	mg/kg	Y	J	EPA 8015
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.6		mg/kg	N	U	EPA 8015
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1,1-Trichloroethane	71-55-6	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1,2-Trichloroethane	79-00-5	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1-Dichloroethane	75-34-3	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1-Dichloroethene	75-35-4	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1-Dichloropropene	563-58-6	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2,3-Trichloropropane	96-18-4	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.002		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2-Dibromoethane	106-93-4	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2-Dichlorobenzene	95-50-1	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2-Dichloroethane	107-06-2	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2-Dichloropropane	78-87-5	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,3-Dichlorobenzene	541-73-1	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,3-Dichloropropane	142-28-9	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,4-Dichlorobenzene	106-46-7	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	2,2-Dichloropropane	594-20-7	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	2-Butanone	78-93-3	0.0049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	2-Chlorotoluene	95-49-8	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	2-Hexanone	591-78-6	0.0049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	4-Chlorotoluene	106-43-4	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	4-Methyl-2-pentanone	108-10-1	0.0024		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Acetone	67-64-1	0.0078		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Benzene	71-43-2	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Bromobenzene	108-86-1	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Bromochloromethane	74-97-5	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Bromodichloromethane	75-27-4	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Bromoform	75-25-2	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Bromomethane	74-83-9	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Carbon tetrachloride	56-23-5	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Chlorobenzene	108-90-7	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Chloroethane	75-00-3	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Chloroform	67-66-3	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Chloromethane	74-87-3	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Cumene	98-82-8	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Dibromochloromethane	124-48-1	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Dibromomethane	74-95-3	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Dichlorodifluoromethane	75-71-8	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Diisopropyl ether	108-20-3	0.00098		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Ethyl benzene	100-41-4	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Ethyl tert-butyl ether	637-92-3	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	m,p-Xylene	179601-23-1	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Methyl tert-butyl ether	1634-04-4	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Methylene Chloride	75-09-2	0.0049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	n-Butylbenzene	104-51-8	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	n-Propylbenzene	103-65-1	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	o-Xylene	95-47-6	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	p-Cymene	99-87-6	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	sec-Butylbenzene	135-98-8	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Styrene	100-42-5	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	t-Amyl methyl ether	994-05-8	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	tert Butyl alcohol	75-65-0	0.0098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	tert-Butylbenzene	98-06-6	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Tetrachloroethene	127-18-4	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Toluene	108-88-3	0.00049	0.00049	mg/kg	Y	J	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Trichloroethene	79-01-6	0.00049		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Trichlorofluoromethane	75-69-4	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Vinyl chloride	75-01-4	0.00098		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Chlorine Oxyanions	Chlorate	14866-68-3	1.5	1.5	mg/kg	Y		EPA 300.1
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Chlorine Oxyanions	Perchlorate	14797-73-0	4.2	4.2	mg/kg	Y		EPA 314.0
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.00019	0.00019	mg/kg	Y		EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000071	0.000071	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000091	0.000091	mg/kg	Y		EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000011	0.000011	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000045	0.000045	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000038	0.000038	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000024	0.0000024	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.000025	0.000025	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000033	0.0000033	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.000013	0.000013	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000034	0.0000034	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.000019	0.000019	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.0000014	0.0000014	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000066	0.0000066	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000087	0.0000087	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000079	0.0000079	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.00000034		mg/kg	N	U	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	HpCDD (total)	37871-00-4	0.000018	0.000018	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	HpCDF (total)	38998-75-3	0.00019	0.00019	mg/kg	Y		EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	HxCDD (total)	34465-46-8	0.00002	0.00002	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	HxCDF (total)	55684-94-1	0.00018	0.00018	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	PeCDD (total)	36088-22-9	0.0000089	0.0000089	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	PeCDF (total)	30402-15-4	0.00046	0.00046	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	TCDD (total)	41903-57-5	0.0000034	0.0000034	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Dioxins	TCDF (total)	30402-14-3	0.00008	0.00008	mg/kg	Y		EPA 8290
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	General Chemistry	Ammonia	7664-41-7	3.5	3.5	mg/kg	Y	J	SM 4500 NH3-D
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	General Chemistry	Bromide	24959-67-9	3.6		mg/kg	N	U	EPA 9056
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	General Chemistry	Chloride	16887-00-6	2600	2600	mg/kg	Y		EPA 9056
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	General Chemistry	Chlorite	7758-19-2	0.042		mg/kg	N	U	EPA 300.1
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	General Chemistry	Fluoride	16984-48-8	3.6		mg/kg	N	U	EPA 9056
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	General Chemistry	Nitrate	14797-55-8	70.85714286	70.85714286	mg/kg	Y		EPA 9056
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 9056
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	General Chemistry	ortho-Phosphate	11-36-9	3.986470778		mg/kg	N	U	EPA 9056
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	General Chemistry	Sulfate	14808-79-8	410	410	mg/kg	Y		EPA 9056
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Antimony	7440-36-0	0.28		mg/kg	N	UJ	EPA 6020
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Arsenic	7440-38-2	2.8	2.8	mg/kg	Y		EPA 6020
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Barium	7440-39-3	160	160	mg/kg	Y	J+	EPA 6010
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Boron	7440-42-8	8.3	8.3	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Cadmium	7440-43-9	0.26		mg/kg	N	U	EPA 6010
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Chromium VI	18540-29-9	0.26	0.26	mg/kg	Y	J	EPA 7199
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Cobalt	7440-48-4	6.2	6.2	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Copper	7440-50-8	14	14	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Iron	7439-89-6	15000	15000	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Lead	7439-92-1	8.2	8.2	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Magnesium	7439-95-4	8200	8200	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Manganese	7439-96-5	330	330	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Mercury	7439-97-6	0.012		mg/kg	N	U	EPA 7471
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Nickel	7440-02-0	21	21	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Phosphorus (total)	7723-14-0	910	910	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Silver	7440-22-4	0.92		mg/kg	N	U	EPA 6010

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Strontium	7440-24-6	120	120	mg/kg	Y	J+	EPA 6010
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Thallium	7440-28-0	0.26		mg/kg	N	U	EPA 6020
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Tungsten	7440-33-7	2.6		mg/kg	N	UJ	EPA 6010
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Vanadium	7440-62-2	37	37	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Metals	Zirconium	7440-67-7	17	17	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	2,4'-DDE	3424-82-6	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	4,4'-DDD	72-54-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	4,4'-DDE	72-55-9	0.0024	0.0024	mg/kg	Y	J	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	4,4'-DDT	50-29-3	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Aldrin	309-00-2	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	alpha-BHC	319-84-6	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	beta-BHC	319-85-7	0.0099	0.0099	mg/kg	Y	J+	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	delta-BHC	319-86-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Dieldrin	60-57-1	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Endosulfan I	959-98-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Endosulfan II	33213-65-9	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Endrin	72-20-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Endrin aldehyde	7421-93-4	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	gamma-BHC	58-89-9	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	gamma-Chlordane	5103-74-2	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Hexachlorobenzene	118-74-1	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Methoxychlor	72-43-5	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Toxaphene	8001-35-2	0.051		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Chlorpyrifos	2921-88-2	0.0063		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Coumaphos	56-72-4	0.0027		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Dasanit	115-90-2	0.008		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Demeton (O + S)	8065-48-3	0.0074		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Diazinon	333-41-5	0.0071		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Dichlorovos	62-73-7	0.0072		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Dimethoate	60-51-5	0.0069		mg/kg	N	UJ	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Disulfoton	298-04-4	0.0076		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	EPN	2104-64-5	0.0036		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Ethoprop	13194-48-4	0.0048		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Famphur	52-85-7	0.0032		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Fenthion	55-38-9	0.0086		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Guthion	86-50-0	0.0034		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Malathion	121-75-5	0.0045		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Merphos	150-50-5	0.005		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Methyl parathion	298-00-0	0.0062		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Mevinphos	7786-34-7	0.0045		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Parathion	56-38-2	0.0052		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Phorate	298-02-2	0.0056		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Propazine	139-40-2	0.0084		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Prothiophos	34643-46-4	0.0038		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Ronnel	299-84-3	0.015		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Simazine	122-34-9	0.022		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Sulfotepp	3689-24-5	0.0061		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Sulprofos	35400-43-2	0.0042		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Thionazin	297-97-2	0.0055		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OPPs	Trichloronate	327-98-0	0.0061		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Organics	Acetic acid	64-19-7	1.3		mg/kg	N	U	VFA
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Organics	Butyric acid	107-92-6	1.4		mg/kg	N	U	VFA
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Organics	Formic acid	64-18-6	2		mg/kg	N	U	VFA
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Organics	Lactic acid	598-82-3	2.7		mg/kg	N	U	VFA
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Organics	Propionic acid	79-09-4	1.5		mg/kg	N	U	VFA
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	Organics	Pyruvic acid	127-17-3	2.2		mg/kg	N	UJ	VFA
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	2-Methylnaphthalene	91-57-6	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Acenaphthene	83-32-9	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Acenaphthylene	208-96-8	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Anthracene	120-12-7	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Benzo(a)anthracene	56-55-3	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Benzo(a)pyrene	50-32-8	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Benzo(b)fluoranthene	205-99-2	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Benzo(k)fluoranthene	207-08-9	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Chrysene	218-01-9	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0041		mg/kg	N	U	EPA 8270C SIM

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Fluoranthene	206-44-0	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Fluorene	86-73-7	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Naphthalene	91-20-3	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Phenanthrene	85-01-8	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Pyrene	129-00-0	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Dichlorobiphenyl	25512-42-9	0.0000023		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Heptachlorobiphenyl	28655-71-2	0.000089	0.000089	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Hexachlorobiphenyl	26601-64-9	0.000073	0.000073	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Monochlorobiphenyl	27323-18-8	0.0000063	0.0000063	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Nonachlorobiphenyl	53742-07-7	0.0003	0.0003	mg/kg	Y		EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Octachlorobiphenyl	55722-26-4	0.00013	0.00013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-001 (2-CB)	2051-60-7	0.0000032	0.0000032	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-002 (3-CB)	2051-61-8	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-003 (4-CB)	2051-62-9	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.000002		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.0000019		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.000002		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.0000018		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000002		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.000002		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.0000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.000002		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.0000017		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.0000023		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.00000037	0.00000037	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.00000026	0.00000026	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.00000016		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.00000065	0.00000065	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00000014		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00000011		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.00000023	0.00000023	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.0000001		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.000000098		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.00000015		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.00000043	0.00000043	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.0000032	0.0000032	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.00000036	0.00000036	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.00000073	0.00000073	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.00000014		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.00000011		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.00000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.00000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.00000019	0.00000019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.000000096		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.000000061		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.00000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.000001	0.000001	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.00000015	0.00000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.00000012		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.00000069	0.00000069	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.00000021	0.00000021	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.00000038	0.00000038	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.00000031	0.00000031	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.00000028	0.00000028	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.0000002	0.0000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.000000076		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.0000021	0.0000021	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.00000059	0.00000059	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.00000045	0.00000045	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.0000007	0.0000007	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.00000044		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.00000042		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.00000057	0.00000057	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.00000035		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.00000084	0.00000084	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.00000034		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.000000059		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.00000028		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.000000069		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.000004	0.000004	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.00000096	0.00000096	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.00000025		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.0000087	0.0000087	mg/kg	Y		EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.00000078	0.00000078	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.00000023		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.00000029		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.00000082	0.00000082	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.0000025	0.0000025	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.00000056	0.00000056	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.0000021	0.0000021	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.00000051	0.00000051	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.00000084	0.00000084	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.00000015		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.0000046	0.0000046	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.00000095	0.00000095	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.00000038	0.00000038	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.00000014		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.0000004	0.0000004	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.00000088	0.00000088	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.0000019	0.0000019	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.00000052	0.00000052	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.000003	0.000003	mg/kg	Y		EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.0000041	0.0000041	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.000005	0.000005	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.0000048	0.0000048	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.0000049	0.0000049	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.0000021	0.0000021	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.0000024	0.0000024	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.0000033	0.0000033	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.0000021	0.0000021	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.0000078	0.0000078	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.0000035	0.0000035	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.0000018	0.0000018	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00000044	0.00000044	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.0000073	0.0000073	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.0000038	0.0000038	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.0000032	0.0000032	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.0000021	0.0000021	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.0000094	0.0000094	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.000005	0.000005	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.000017	0.000017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.0000073	0.0000073	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.0000091	0.0000091	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.0000074	0.0000074	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.0000077	0.0000077	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.000089	0.000089	mg/kg	Y		EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.00012	0.00012	mg/kg	Y		EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.000087	0.000087	mg/kg	Y		EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCB-209 (DeCB)	2051-24-3	0.00098	0.00098	mg/kg	Y		EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 107+124	PCB107+124	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 110+115	PCB110+115	0.0000072	0.0000072	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 12+13	PCB12+13	0.000002		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 128+166	PCB128+166	0.0000038	0.0000038	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 129+138+163	PCB129+138+163	0.000011	0.000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 134+143	PCB134+143	0.00000023		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 135+151	PCB135+151	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 139+140	PCB139+140	0.0000012	0.0000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 147+149	PCB147+149	0.0000053	0.0000053	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 153+168	PCB153+168	0.0000089	0.0000089	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 156+157	PCB156+157	0.0000042	0.0000042	mg/kg	Y		EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 171+173	PCB171+173	0.0000074	0.0000074	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 18+30	PCB18+30	0.00000064	0.00000064	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 180+193	PCB180+193	0.000014	0.000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 198+199	PCB198+199	0.000023	0.000023	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 20+28	PCB20+28	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 21+33	PCB21+33	0.00000089	0.00000089	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 26+29	PCB26+29	0.00000051	0.00000051	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 40+71	PCB40+71	0.00000054	0.00000054	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 44+47+65	PCB44+47+65	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 49+69	PCB49+69	0.00000053	0.00000053	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 50+53	PCB50+53	0.000000094		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 59+62+75	PCB59+62+75	0.00000041	0.00000041	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.0000042	0.0000042	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 85+116+117	PCB85+116+117	0.0000028	0.0000028	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.0000054	0.0000054	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 88+91	PCB88+91	0.00000031		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 90+101+113	PCB90+101+113	0.0000042	0.0000042	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 93+100	PCB93+100	0.00000031		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	PCBs 98+102	PCB98+102	0.00000029		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Pentachlorobiphenyl	25429-29-2	0.00005	0.00005	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Tetrachlorobiphenyl	26914-33-0	0.000018	0.000018	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Trichlorobiphenyl	25323-68-6	0.000012	0.000012	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	RAD	Radium-226	Ra-226	1.24	1.24	pCi/g	Y		EPA 903.0
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	RAD	Radium-228	Ra-228	1.77	1.77	pCi/g	Y		EPA 904.0
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	RAD	Thorium-228	Th-228	1.88	1.88	pCi/g	Y		714R14
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	RAD	Thorium-230	Th-230	1.1	1.1	pCi/g	Y		714R14
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	RAD	Thorium-232	Th-232	1.75	1.75	pCi/g	Y		714R14
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	RAD	Uranium (total)	U-Total	1.97	1.97	pCi/g	Y		DOE U-02
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	RAD	Uranium-234	U-234	0.872	0.872	pCi/g	Y		DOE U-02
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	RAD	Uranium-235	U-235	0.0636	0.0636	pCi/g	Y		DOE U-02
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	RAD	Uranium-238	U-238	1.04	1.04	pCi/g	Y		DOE U-02
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.27		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.16		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2,4-Dichlorophenol	120-83-2	0.069		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2,4-Dinitrophenol	51-28-5	1		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2,4-Dinitrotoluene	121-14-2	0.082		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2,6-Dinitrotoluene	606-20-2	0.098		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2-Chloronaphthalene	91-58-7	0.069		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2-Chlorophenol	95-57-8	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2-Methylphenol	95-48-7	0.082		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2-Nitroaniline	88-74-4	0.18		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.077		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.21		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	4-Chloroaniline	106-47-8	0.15		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.21		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	4-Nitrophenol	100-02-7	0.51		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Benzoic acid	65-85-0	0.49		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Benzyl alcohol	100-51-6	0.42		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.093		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Butylbenzylphthalate	85-68-7	0.082		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Dibenzofuran	132-64-9	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Diethylphthalate	84-66-2	0.098		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Dimethylphthalate	131-11-3	0.069		mg/kg	N	U	EPA 8270

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Di-n-butylphthalate	84-74-2	0.093		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Di-n-octylphthalate	117-84-0	0.093		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Hexachlorobutadiene	87-68-3	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.32		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Hexachloroethane	67-72-1	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Isophorone	78-59-1	0.069		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Nitrobenzene	98-95-3	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.16		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Phenol	108-95-2	0.093		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	TPH	Petroleum Hydrocarbons (C23-C40)	C23-C40	2.6	2.6	mg/kg	Y	J	EPA 8015
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.6		mg/kg	N	U	EPA 8015
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,1,1-Trichloroethane	71-55-6	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,1,2-Trichloroethane	79-00-5	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,1-Dichloroethane	75-34-3	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,1-Dichloroethene	75-35-4	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,1-Dichloropropene	563-58-6	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,2,3-Trichloropropane	96-18-4	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0017		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,2-Dibromoethane	106-93-4	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,2-Dichlorobenzene	95-50-1	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,2-Dichloroethane	107-06-2	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,2-Dichloropropane	78-87-5	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,3-Dichlorobenzene	541-73-1	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,3-Dichloropropane	142-28-9	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	1,4-Dichlorobenzene	106-46-7	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	2,2-Dichloropropane	594-20-7	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	2-Butanone	78-93-3	0.0042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	2-Chlorotoluene	95-49-8	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	2-Hexanone	591-78-6	0.0042		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	4-Chlorotoluene	106-43-4	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	4-Methyl-2-pentanone	108-10-1	0.0021		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Acetone	67-64-1	0.0067		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Benzene	71-43-2	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Bromobenzene	108-86-1	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Bromochloromethane	74-97-5	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Bromodichloromethane	75-27-4	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Bromoform	75-25-2	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Bromomethane	74-83-9	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Carbon tetrachloride	56-23-5	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Chlorobenzene	108-90-7	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Chloroethane	75-00-3	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Chloroform	67-66-3	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Chloromethane	74-87-3	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Cumene	98-82-8	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Dibromochloromethane	124-48-1	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Dibromomethane	74-95-3	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Dichlorodifluoromethane	75-71-8	0.00083		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Diisopropyl ether	108-20-3	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Ethyl benzene	100-41-4	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Ethyl tert-butyl ether	637-92-3	0.00083		mg/kg	N	UJ	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	m,p-Xylene	179601-23-1	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Methyl tert-butyl ether	1634-04-4	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Methylene Chloride	75-09-2	0.0042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	n-Butylbenzene	104-51-8	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	n-Propylbenzene	103-65-1	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	o-Xylene	95-47-6	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	p-Cymene	99-87-6	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	sec-Butylbenzene	135-98-8	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Styrene	100-42-5	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	t-Amyl methyl ether	994-05-8	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	tert Butyl alcohol	75-65-0	0.0083		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
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Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	tert-Butylbenzene	98-06-6	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Tetrachloroethene	127-18-4	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Toluene	108-88-3	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Trichloroethene	79-01-6	0.00042		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Trichlorofluoromethane	75-69-4	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	VOCs	Vinyl chloride	75-01-4	0.00083		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Chlorine Oxyanions	Chlorate	14866-68-3	4.2	4.2	mg/kg	Y	J+	EPA 300.1
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Chlorine Oxyanions	Perchlorate	14797-73-0	6.1	6.1	mg/kg	Y		EPA 314.0
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	0.000088	0.000088	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	0.000016	0.000016	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	0.000039	0.000039	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.0000051	0.0000051	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	0.000015	0.000015	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	0.000014	0.000014	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	0.0000025	0.0000025	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	0.0000087	0.0000087	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	0.0000019	0.0000019	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	0.0000044	0.0000044	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	0.0000021	0.0000021	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	0.0000079	0.0000079	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	0.00000078	0.00000078	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	0.0000025	0.0000025	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	0.0000043	0.0000043	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	0.0000091	0.0000091	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	0.0000011	0.0000011	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	HpCDD (total)	37871-00-4	0.0000094	0.0000094	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	HpCDF (total)	38998-75-3	0.00008	0.00008	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	HxCDD (total)	34465-46-8	0.0000099	0.0000099	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	HxCDF (total)	55684-94-1	0.000053	0.000053	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	PeCDD (total)	36088-22-9	0.0000064	0.0000064	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	PeCDF (total)	30402-15-4	0.000072	0.000072	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	TCDD (total)	41903-57-5	0.0000018	0.0000018	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Dioxins	TCDF (total)	30402-14-3	0.000025	0.000025	mg/kg	Y	J	EPA 8290
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Ammonia	7664-41-7	3.7	3.7	mg/kg	Y	J	SM 4500 NH3-D
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Bromide	24959-67-9	3.6	3.6	mg/kg	Y	J	EPA 9056
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Chloride	16887-00-6	2500	2500	mg/kg	Y		EPA 9056
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Chlorite	7758-19-2	0.041		mg/kg	N	U	EPA 300.1
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Fluoride	16984-48-8	3.6		mg/kg	N	UJ	EPA 9056
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Nitrate	14797-55-8	225.8571429	225.8571429	mg/kg	Y	J+	EPA 9056
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Nitrite	14797-65-0	3.614285714		mg/kg	N	U	EPA 9056
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	General Chemistry	Sulfate	14808-79-8	1600	1600	mg/kg	Y		EPA 9056
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Antimony	7440-36-0	0.27		mg/kg	N	UJ	EPA 6020
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Arsenic	7440-38-2	2.9	2.9	mg/kg	Y		EPA 6020
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Barium	7440-39-3	120	120	mg/kg	Y	J+	EPA 6010
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Boron	7440-42-8	25	25	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Cadmium	7440-43-9	0.25		mg/kg	N	U	EPA 6010
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Chromium VI	18540-29-9	0.15		mg/kg	N	U	EPA 7199
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Cobalt	7440-48-4	5.2	5.2	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Copper	7440-50-8	14	14	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Iron	7439-89-6	14000	14000	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Lead	7439-92-1	7.7	7.7	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Magnesium	7439-95-4	8400	8400	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Manganese	7439-96-5	330	330	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Mercury	7439-97-6	0.02	0.02	mg/kg	Y	J-	EPA 7471
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Molybdenum	7439-98-7	1		mg/kg	N	U	EPA 6010
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Nickel	7440-02-0	14	14	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Phosphorus (total)	7723-14-0	890	890	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Silver	7440-22-4	0.91		mg/kg	N	U	EPA 6010
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Strontium	7440-24-6	180	180	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Thallium	7440-28-0	0.25		mg/kg	N	U	EPA 6020
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Tungsten	7440-33-7	2.5		mg/kg	N	UJ	EPA 6010
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Vanadium	7440-62-2	41	41	mg/kg	Y	J+	EPA 6010
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Metals	Zirconium	7440-67-7	15	15	mg/kg	Y		EPA 6010
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	2,4'-DDE	3424-82-6	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	4,4'-DDD	72-54-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	4,4'-DDE	72-55-9	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	4,4'-DDT	50-29-3	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Aldrin	309-00-2	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	alpha-BHC	319-84-6	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	alpha-Chlordane	5103-71-9	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	beta-BHC	319-85-7	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	delta-BHC	319-86-8	0.0015		mg/kg	N	U	EPA 8081

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Dieldrin	60-57-1	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endosulfan I	959-98-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endosulfan II	33213-65-9	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endosulfan sulfate	1031-07-8	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endrin	72-20-8	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endrin aldehyde	7421-93-4	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Endrin ketone	53494-70-5	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	gamma-BHC	58-89-9	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	gamma-Chlordane	5103-74-2	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Heptachlor	76-44-8	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Heptachlor epoxide	1024-57-3	0.0021		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Hexachlorobenzene	118-74-1	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Methoxychlor	72-43-5	0.0015		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Toxaphene	8001-35-2	0.052		mg/kg	N	U	EPA 8081
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Atrazine	1912-24-9	0.012		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Chlorpyrifos	2921-88-2	0.0065		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Coumaphos	56-72-4	0.0028		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Dasanit	115-90-2	0.0082		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Demeton (O + S)	8065-48-3	0.0075		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Diazinon	333-41-5	0.0073		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Dichlorovos	62-73-7	0.0074		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Dimethoate	60-51-5	0.0071		mg/kg	N	UJ	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Disulfoton	298-04-4	0.0078		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	EPN	2104-64-5	0.0037		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Ethoprop	13194-48-4	0.0049		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Famphur	52-85-7	0.0032		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Fenthion	55-38-9	0.0088		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Guthion	86-50-0	0.0035		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Malathion	121-75-5	0.0047		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Merphos	150-50-5	0.0052		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Methyl parathion	298-00-0	0.0064		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Mevinphos	7786-34-7	0.0046		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Parathion	56-38-2	0.0053		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Phorate	298-02-2	0.0057		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Propazine	139-40-2	0.0087		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Prothiophos	34643-46-4	0.0039		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Ronnel	299-84-3	0.015		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Simazine	122-34-9	0.022		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Sulfotepp	3689-24-5	0.0063		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Sulprofos	35400-43-2	0.0043		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Thionazin	297-97-2	0.0056		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OPPs	Trichloronate	327-98-0	0.0063		mg/kg	N	U	EPA 8141A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Acetic acid	64-19-7	1.5		mg/kg	N	U	VFA
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Butyric acid	107-92-6	1.6		mg/kg	N	U	VFA
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Formic acid	64-18-6	2.2		mg/kg	N	U	VFA
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Lactic acid	598-82-3	3		mg/kg	N	U	VFA
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Propionic acid	79-09-4	1.7		mg/kg	N	U	VFA
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	Organics	Pyruvic acid	127-17-3	2.5		mg/kg	N	UJ	VFA
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	1-Methylnaphthalene	90-12-0	0.15		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	2-Methylnaphthalene	91-57-6	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Acenaphthene	83-32-9	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Acenaphthylene	208-96-8	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Anthracene	120-12-7	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Benzo(a)anthracene	56-55-3	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Benzo(a)pyrene	50-32-8	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Benzo(b)fluoranthene	205-99-2	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Benzo(g,h,i)perylene	191-24-2	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Benzo(k)fluoranthene	207-08-9	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Chrysene	218-01-9	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Dibenz(a,h)anthracene	53-70-3	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Fluoranthene	206-44-0	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Fluorene	86-73-7	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Indeno(1,2,3-cd)pyrene	193-39-5	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Naphthalene	91-20-3	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Phenanthrene	85-01-8	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Pyrene	129-00-0	0.0041		mg/kg	N	U	EPA 8270C SIM
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Dichlorobiphenyl	25512-42-9	0.0000039	0.0000039	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Heptachlorobiphenyl	28655-71-2	0.000041	0.000041	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Hexachlorobiphenyl	26601-64-9	0.000036	0.000036	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Monochlorobiphenyl	27323-18-8	0.0000025	0.0000025	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Nonachlorobiphenyl	53742-07-7	0.00011	0.00011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Octachlorobiphenyl	55722-26-4	0.000055	0.000055	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-001 (2-CB)	2051-60-7	0.00000083	0.00000083	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-002 (3-CB)	2051-61-8	0.00000078	0.00000078	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-003 (4-CB)	2051-62-9	0.00000089	0.00000089	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-004 (2,2'-DiCB)	13029-08-8	0.0000027		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-005 (2,3-DiCB)	16605-91-7	0.00000099		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-006 (2,3'-DiCB)	25569-80-6	0.000001		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-007 (2,4-DiCB)	33284-50-3	0.00000097		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-008 (2,4'-DiCB)	34883-43-7	0.000001		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-009 (2,5-DiCB)	34883-39-1	0.0000011		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-010 (2,6-DiCB)	33146-45-1	0.00000048		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-011 (3,3'-DiCB)	2050-67-1	0.0000011		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-014 (3,5-DiCB)	34883-41-5	0.00000089		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-015 (4,4'-DiCB)	2050-68-2	0.0000039	0.0000039	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-016 (2,2',3-TrCB)	38444-78-9	0.00000033	0.00000033	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-017 (2,2',4-TrCB)	37680-66-3	0.00000028	0.00000028	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-019 (2,2',6-TrCB)	38444-73-4	0.00000017	0.00000017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-022 (2,3,4'-TrCB)	38444-85-8	0.00000043	0.00000043	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-023 (2,3,5-TrCB)	55720-44-0	0.00000007		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-024 (2,3,6-TrCB)	55702-45-9	0.00000006		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-025 (2,3',4-TrCB)	55712-37-3	0.00000032	0.00000032	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-027 (2,3',6-TrCB)	38444-76-7	0.000000059		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-031 (2,4',5-TrCB)	16606-02-3	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-032 (2,4',6-TrCB)	38444-77-8	0.0000002	0.0000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-034 (2,3',5'-TrCB)	37680-68-5	0.000000073		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-035 (3,3',4-TrCB)	37680-69-6	0.00000044	0.00000044	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-036 (3,3',5-TrCB)	38444-87-0	0.00000039	0.00000039	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-037 (3,4,4'-TrCB)	38444-90-5	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-038 (3,4,5-TrCB)	53555-66-1	0.0000002	0.0000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-039 (3,4',5-TrCB)	38444-88-1	0.00000048	0.00000048	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-041 (2,2',3,4-TeCB)	52663-59-9	0.00000018	0.00000018	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-042 (2,2',3,4'-TeCB)	36559-22-5	0.00000027	0.00000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-043 (2,2',3,5-TeCB)	70362-46-8	0.00000021	0.00000021	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-045 (2,2',3,6-TeCB)	70362-45-7	0.00000011	0.00000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-046 (2,2',3,6'-TeCB)	41464-47-5	0.00000014	0.00000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-048 (2,2',4,5-TeCB)	70362-47-9	0.00000032	0.00000032	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-051 (2,2',4,6'-TeCB)	68194-04-7	0.00000014	0.00000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-052 (2,2',5,5'-TeCB)	35693-99-3	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-054 (2,2',6,6'-TeCB)	15968-05-5	0.00000011	0.00000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-055 (2,3,3',4-TeCB)	74338-24-2	0.00000022	0.00000022	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-056 (2,3,3',4'-TeCB)	41464-43-1	0.00000056	0.00000056	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-057 (2,3,3',5-TeCB)	70424-67-8	0.00000023	0.00000023	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-058 (2,3,3',5'-TeCB)	41464-49-7	0.00000018	0.00000018	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-060 (2,3,4,4'-TeCB)	33025-41-1	0.00000024	0.00000024	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-063 (2,3,4',5-TeCB)	74472-34-7	0.00000021	0.00000021	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-064 (2,3,4',6-TeCB)	52663-58-8	0.00000027	0.00000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-066 (2,3',4,4'-TeCB)	32598-10-0	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-067 (2,3',4,5-TeCB)	73575-53-8	0.00000027	0.00000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-068 (2,3',4,5'-TeCB)	73575-52-7	0.00000032	0.00000032	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-072 (2,3',5,5'-TeCB)	41464-42-0	0.00000035	0.00000035	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-073 (2,3',5',6-TeCB)	74338-23-1	0.000000096	0.000000096	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-077 (3,3',4,4'-TeCB)	32598-13-3	0.00000069	0.00000069	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-078 (3,3',4,5-TeCB)	70362-49-1	0.00000025	0.00000025	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-079 (3,3',4,5'-TeCB)	41464-48-6	0.00000047	0.00000047	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-080 (3,3',5,5'-TeCB)	33284-52-5	0.00000024	0.00000024	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-081 (3,4,4',5-TeCB)	70362-50-4	0.00000047	0.00000047	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-082 (2,2',3,3',4-PeCB)	52663-62-4	0.00000026		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-083 (2,2',3,3',5-PeCB)	60145-20-2	0.00000025		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-084 (2,2',3,3',6-PeCB)	52663-60-2	0.00000045	0.00000045	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-089 (2,2',3,4,6'-PeCB)	73575-57-2	0.00000021		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-092 (2,2',3,5,5'-PeCB)	52663-61-3	0.00000073	0.00000073	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-094 (2,2',3,5,6'-PeCB)	73575-55-0	0.0000002		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-095 (2,2',3,5',6-PeCB)	38379-99-6	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-096 (2,2',3,6,6'-PeCB)	73575-54-9	0.00000011	0.00000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-099 (2,2',4,4',5-PeCB)	38380-01-7	0.000001	0.000001	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-103 (2,2',4,5',6-PeCB)	60145-21-3	0.0000003	0.0000003	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-104 (2,2',4,6,6'-PeCB)	56558-16-8	0.00000018	0.00000018	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-105 (2,3,3',4,4'-PeCB)	32598-14-4	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-106 (2,3,3',4,5-PeCB)	70424-69-0	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-109 (2,3,3',4,6-PeCB)	74472-35-8	0.00000076	0.00000076	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-111 (2,3,3',5,5'-PeCB)	39635-32-0	0.00000071	0.00000071	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-112 (2,3,3',5,6-PeCB)	74472-36-9	0.00000018	0.00000018	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-114 (2,3,4,4',5-PeCB)	74472-37-0	0.00000071	0.00000071	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-118 (2,3',4,4',5-PeCB)	31508-00-6	0.0000025	0.0000025	mg/kg	Y		EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-120 (2,3',4,5,5'-PeCB)	68194-12-7	0.00000062	0.00000062	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-121 (2,3',4,5',6-PeCB)	56558-18-0	0.00000033	0.00000033	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-122 (2,3,3',4',5'-PeCB)	76842-07-4	0.00000017		mg/kg	N	U	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-123 (2,3',4,4',5'-PeCB)	65510-44-3	0.0000004	0.0000004	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-126 (3,3',4,4',5-PeCB)	57465-28-8	0.00000052	0.00000052	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-127 (3,3',4,5,5'-PeCB)	39635-33-1	0.00000043	0.00000043	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-130 (2,2',3,3',4,5'-HxCB)	52663-66-8	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-131 (2,2',3,3',4,6-HxCB)	61798-70-7	0.00000037	0.00000037	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-132 (2,2',3,3',4,6'-HxCB)	38380-05-1	0.00000094	0.00000094	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-133 (2,2',3,3',5,5'-HxCB)	35694-04-3	0.00000091	0.00000091	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-136 (2,2',3,3',6,6'-HxCB)	38411-22-2	0.00000054	0.00000054	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-137 (2,2',3,4,4',5-HxCB)	35694-06-5	0.000001	0.000001	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-141 (2,2',3,4,5,5'-HxCB)	52712-04-6	0.0000013	0.0000013	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-142 (2,2',3,4,5,6-HxCB)	41411-61-4	0.00000062	0.00000062	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-144 (2,2',3,4,5',6-HxCB)	68194-14-9	0.00000083	0.00000083	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-145 (2,2',3,4,6,6'-HxCB)	74472-40-5	0.00000028	0.00000028	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-146 (2,2',3,4',5,5'-HxCB)	51908-16-8	0.0000022	0.0000022	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-148 (2,2',3,4',5,6'-HxCB)	74472-41-6	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-150 (2,2',3,4',6,6'-HxCB)	68194-08-1	0.00000048	0.00000048	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-152 (2,2',3,5,6,6'-HxCB)	68194-09-2	0.0000002	0.0000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-154 (2,2',4,4',5,6'-HxCB)	60145-22-4	0.00000095	0.00000095	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-155 (2,2',4,4',6,6'-HxCB)	33979-03-2	0.00000057	0.00000057	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-158 (2,3,3',4,4',6-HxCB)	74472-42-7	0.00000094	0.00000094	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-159 (2,3,3',4,5,5'-HxCB)	39635-35-3	0.00000074	0.00000074	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-160 (2,3,3',4,5,6-HxCB)	41411-62-5	0.00000081	0.00000081	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-161 (2,3,3',4,5',6-HxCB)	74472-43-8	0.00000069	0.00000069	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-162 (2,3,3',4',5,5'-HxCB)	39635-34-2	0.00000071	0.00000071	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-164 (2,3,3',4',5',6-HxCB)	74472-45-0	0.00000086	0.00000086	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-165 (2,3,3',5,5',6-HxCB)	74472-46-1	0.00000049	0.00000049	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-167 (2,3',4,4',5,5'-HxCB)	52663-72-6	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-169 (3,3',4,4',5,5'-HxCB)	32774-16-6	0.00000013		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-170 (2,2',3,3',4,4',5-HpCB)	35065-30-6	0.0000015	0.0000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-172 (2,2',3,3',4,5,5'-HpCB)	52663-74-8	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-174 (2,2',3,3',4,5,6'-HpCB)	38411-25-5	0.0000022	0.0000022	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-175 (2,2',3,3',4,5',6-HpCB)	40186-70-7	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-176 (2,2',3,3',4,6,6'-HpCB)	52663-65-7	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-177 (2,2',3,3',4,5',6'-HpCB)	52663-70-4	0.00000092	0.00000092	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-178 (2,2',3,3',5,5',6-HpCB)	52663-67-9	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-179 (2,2',3,3',5,6,6'-HpCB)	52663-64-6	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-181 (2,2',3,4,4',5,6-HpCB)	74472-47-2	0.00000071	0.00000071	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-182 (2,2',3,4,4',5,6'-HpCB)	60145-23-5	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-183 (2,2',3,4,4',5',6-HpCB)	52663-69-1	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-184 (2,2',3,4,4',6,6'-HpCB)	74472-48-3	0.0000033	0.0000033	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-185 (2,2',3,4,5,5',6-HpCB)	52712-05-7	0.00000066	0.00000066	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-186 (2,2',3,4,5,6,6'-HpCB)	74472-49-4	0.00000046	0.00000046	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-187 (2,2',3,4',5,5',6-HpCB)	52663-68-0	0.0000034	0.0000034	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-188 (2,2',3,4',5,6,6'-HpCB)	74487-85-7	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-189 (2,3,3',4,4',5,5'-HpCB)	39635-31-9	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-190 (2,3,3',4,4',5,6-HpCB)	41411-64-7	0.00000025		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-191 (2,3,3',4,4',5',6-HpCB)	74472-50-7	0.00000085	0.00000085	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-192 (2,3,3',4,5,5',6-HpCB)	74472-51-8	0.00000069	0.00000069	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	35694-08-7	0.0000037	0.0000037	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	52663-78-2	0.0000016	0.0000016	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	42740-50-1	0.0000073	0.0000073	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	33091-17-7	0.0000066	0.0000066	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	52663-73-7	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	40186-71-8	0.0000082	0.0000082	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	2136-99-4	0.0000039	0.0000039	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	52663-76-0	0.0000038	0.0000038	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	74472-52-9	0.0000043	0.0000043	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	74472-53-0	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	40186-72-9	0.000032	0.000032	mg/kg	Y		EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	52663-79-3	0.000048	0.000048	mg/kg	Y		EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)	52663-77-1	0.000033	0.000033	mg/kg	Y		EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCB-209 (DeCB)	2051-24-3	0.00034	0.00034	mg/kg	Y		EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 107+124	PCB107+124	0.00000062	0.00000062	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 110+115	PCB110+115	0.0000027	0.0000027	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 12+13	PCB12+13	0.0000011		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 128+166	PCB128+166	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 129+138+163	PCB129+138+163	0.0000038	0.0000038	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 134+143	PCB134+143	0.00000062	0.00000062	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 135+151	PCB135+151	0.000002	0.000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 139+140	PCB139+140	0.00000082	0.00000082	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 147+149	PCB147+149	0.0000026	0.0000026	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 153+168	PCB153+168	0.0000031	0.0000031	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 156+157	PCB156+157	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 171+173	PCB171+173	0.000003	0.000003	mg/kg	Y	J	EPA 1668A

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 18+30	PCB18+30	0.0000005	0.0000005	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 180+193	PCB180+193	0.0000052	0.0000052	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 198+199	PCB198+199	0.0000095	0.0000095	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 20+28	PCB20+28	0.0000011	0.0000011	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 21+33	PCB21+33	0.00000062	0.00000062	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 26+29	PCB26+29	0.00000053	0.00000053	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 40+71	PCB40+71	0.00000083	0.00000083	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 44+47+65	PCB44+47+65	0.0000014	0.0000014	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 49+69	PCB49+69	0.00000071	0.00000071	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 50+53	PCB50+53	0.0000002	0.0000002	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 59+62+75	PCB59+62+75	0.00000061	0.00000061	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 61+70+74+76	PCB61+70+74+76	0.0000023	0.0000023	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 85+116+117	PCB85+116+117	0.0000017	0.0000017	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 86+87+97+108+119+125	PCB86-125	0.0000029	0.0000029	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 88+91	PCB88+91	0.00000069	0.00000069	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 90+101+113	PCB90+101+113	0.0000025	0.0000025	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 93+100	PCB93+100	0.00000046	0.00000046	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	PCBs 98+102	PCB98+102	0.00000017		mg/kg	N	U	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Pentachlorobiphenyl	25429-29-2	0.000025	0.000025	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Tetrachlorobiphenyl	26914-33-0	0.000015	0.000015	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Trichlorobiphenyl	25323-68-6	0.0000084	0.0000084	mg/kg	Y	J	EPA 1668A
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Radium-226	Ra-226	1.03	1.03	pCi/g	Y		EPA 903.0
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Radium-228	Ra-228	0.974	0.974	pCi/g	Y		EPA 904.0
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Thorium-228	Th-228	1.59	1.59	pCi/g	Y		714R14
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Thorium-230	Th-230	1.12	1.12	pCi/g	Y		714R14
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Thorium-232	Th-232	1.37	1.37	pCi/g	Y		714R14
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Uranium (total)	U-Total	1.75	1.75	pCi/g	Y	J	DOE U-02
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Uranium-234	U-234	0.881	0.881	pCi/g	Y		DOE U-02
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Uranium-235	U-235	0.00755		pCi/g	N	UJ	DOE U-02
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	RAD	Uranium-238	U-238	0.857	0.857	pCi/g	Y		DOE U-02
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4,5-Trichlorophenol	95-95-4	0.27		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4,6-Trichlorophenol	88-06-2	0.16		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4-Dichlorophenol	120-83-2	0.069		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4-Dimethylphenol	105-67-9	0.13		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4-Dinitrophenol	51-28-5	1		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,4-Dinitrotoluene	121-14-2	0.082		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2,6-Dinitrotoluene	606-20-2	0.098		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2-Chloronaphthalene	91-58-7	0.069		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2-Chlorophenol	95-57-8	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2-Methylphenol	95-48-7	0.082		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2-Nitroaniline	88-74-4	0.18		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	2-Nitrophenol	88-75-5	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	3&4-Methylphenol	1319-77-3MP	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	3,3'-Dichlorobenzidine	91-94-1	0.15		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	3-Nitroaniline	99-09-2	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Bromophenyl-phenyl ether	101-55-3	0.077		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Chloro-3-methylphenol	59-50-7	0.21		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Chloroaniline	106-47-8	0.15		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	0.21		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Nitroaniline	100-01-6	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	4-Nitrophenol	100-02-7	0.52		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Benzoic acid	65-85-0	0.49		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Benzyl alcohol	100-51-6	0.42		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	bis(2-Chloroethoxy)methane	111-91-1	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	bis(2-Chloroethyl) ether	111-44-4	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	bis(2-Ethylhexyl)phthalate	117-81-7	0.093		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Butylbenzylphthalate	85-68-7	0.082		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Dibenzofuran	132-64-9	0.14		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Diethylphthalate	84-66-2	0.098		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Dimethylphthalate	131-11-3	0.069		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Di-n-butylphthalate	84-74-2	0.093		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Di-n-octylphthalate	117-84-0	0.093		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Hexachlorobutadiene	87-68-3	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Hexachlorocyclopentadiene	77-47-4	0.32		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Hexachloroethane	67-72-1	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Isophorone	78-59-1	0.069		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Nitrobenzene	98-95-3	0.072		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	n-Nitroso-di-n-propylamine	621-64-7	0.072		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	n-Nitrosodiphenylamine	86-30-6	0.16		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Octachlorostyrene	29082-74-4	2.4		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Pentachlorophenol	87-86-5	0.35		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Phenol	108-95-2	0.093		mg/kg	N	U	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	SVOCs	Pyridine	110-86-1	0.15		mg/kg	N	UJ	EPA 8270
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	TPH	Petroleum Hydrocarbons (C23-C40)	C23-C40	4	4	mg/kg	Y	J	EPA 8015

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag (b)	Interpreted Qualifiers	Analytical Method
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	TPH	Total petroleum hydrocarbon-diesel	TPH-diesel	2.6		mg/kg	N	U	EPA 8015
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	TPH	Total petroleum hydrocarbon-gasoline	TPH-gasoline	0.15		mg/kg	N	U	EPA 8015
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1,1,2-Tetrachloroethane	630-20-6	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1,1-Trichloroethane	71-55-6	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1,2,2-Tetrachloroethane	79-34-5	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1,2-Trichloroethane	79-00-5	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1-Dichloroethane	75-34-3	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1-Dichloroethene	75-35-4	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,1-Dichloropropene	563-58-6	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2,3-Trichlorobenzene	87-61-6	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2,3-Trichloropropane	96-18-4	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2,4-Trichlorobenzene	120-82-1	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2,4-Trimethylbenzene	95-63-6	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2-Dibromo-3-chloropropane	96-12-8	0.0019		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2-Dibromoethane	106-93-4	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2-Dichlorobenzene	95-50-1	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2-Dichloroethane	107-06-2	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,2-Dichloropropane	78-87-5	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,3,5-Trimethylbenzene	108-67-8	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,3-Dichlorobenzene	541-73-1	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,3-Dichloropropane	142-28-9	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	1,4-Dichlorobenzene	106-46-7	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	2,2-Dichloropropane	594-20-7	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	2-Butanone	78-93-3	0.0047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	2-Chlorotoluene	95-49-8	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	2-Hexanone	591-78-6	0.0047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	4-Chlorotoluene	106-43-4	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	4-Methyl-2-pentanone	108-10-1	0.0024		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Acetone	67-64-1	0.0076		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Benzene	71-43-2	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Bromobenzene	108-86-1	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Bromochloromethane	74-97-5	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Bromodichloromethane	75-27-4	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Bromoform	75-25-2	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Bromomethane	74-83-9	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Carbon tetrachloride	56-23-5	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Chlorobenzene	108-90-7	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Chloroethane	75-00-3	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Chloroform	67-66-3	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Chloromethane	74-87-3	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	cis-1,2-Dichloroethene	156-59-2	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	cis-1,3-Dichloropropene	10061-01-5	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Cumene	98-82-8	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Dibromochloromethane	124-48-1	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Dibromomethane	74-95-3	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Dichlorodifluoromethane	75-71-8	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Diisopropyl ether	108-20-3	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Ethyl benzene	100-41-4	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Ethyl tert-butyl ether	637-92-3	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	m,p-Xylene	179601-23-1	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Methyl tert-butyl ether	1634-04-4	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Methylene Chloride	75-09-2	0.0047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	n-Butylbenzene	104-51-8	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	n-Propylbenzene	103-65-1	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	o-Xylene	95-47-6	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	p-Cymene	99-87-6	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	sec-Butylbenzene	135-98-8	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Styrene	100-42-5	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	t-Amyl methyl ether	994-05-8	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	tert Butyl alcohol	75-65-0	0.0095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	tert-Butylbenzene	98-06-6	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Tetrachloroethene	127-18-4	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Toluene	108-88-3	0.00062	0.00062	mg/kg	Y	J	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	trans-1,2-Dichloroethene	156-60-5	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	trans-1,3-Dichloropropene	10061-02-6	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Trichloroethene	79-01-6	0.00047		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Trichlorofluoromethane	75-69-4	0.00095		mg/kg	N	U	EPA 8260
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	VOCs	Vinyl chloride	75-01-4	0.00095		mg/kg	N	U	EPA 8260

Table D-1. Operations Area and Parcel E SLERA Dataset for Individual Chemicals and Radionuclides
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:
a. Non-detected results presented as the sample quantitation limit, except for VOC and SVOC analytes from 2006, which are presented as practical quantitation limits. Sample quantitation limits not available for these results at the time of this analysis.
b. The detection flag for radionuclides indicates whether the measured concentration is below the minimum detectable concentration. All radionuclides were treated as detections for the analysis.

-- = data not available or not applicable
< = Below detection limit, detection limit shown
B = analyte is found in the associated blank
BHC = Benzene hexachloride
CaCO3 = Calcium cabonate
CASRN = Chemical Abstract Service Registration Number
CB = Chlorobiphenyl
CO3 = Carbonate
DDD = Dichlorodiphenyldichloroethylene
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DeCB = Decachlorobiphenyl
DiCB = Dichlorobiphenyl
DU = Ecological Decision Unit
EFH = Extractable Fuel Hydrocarbons
EPN = O-Ethyl O-(4-nitrophenyl) phenylphosphonothioate
FD = Field Duplicate
HCO3 = Bicarbonate
HpCB = Heptachlorobiphenyl
HpCDD = Heptachlorodibenzodioxins
HpCDF = Hepachlorodibenzofurans
HxCB = Hexachlorobiphenyl
HxCDD = Hexachlorodibenzodioxins
HxCDF = Hexachlorodibenzofurans
J- = Indicates an estimated value with a negative bias
J = The result is an estimated quantity
J+ = Indicates an estimated value with a positive bias
K = Qualified as estimated maximum possible concentration
mg/kg = Milligrams per kilogram
N = Normal (Sample Type) or Not Detected (Detect Flag)
NoCB = Nonachlorobiphenyl
OcCB = Octochlorobiphenyl
OCPs = Organochlorine pesticides
OPP = Organophosphate pesticides
PAHs = Polycyclic aromatic hydrocarbons
PCBs = Polychlorinated biphenyls
pCi/g = PicoCuries per gram
PeCB = Pentachlorobiphenyl
PeCDD = Pentachlorodibenzodioxins
PeCDF = Pentachlorodibenzofurans
pH = negative logarithm of the hydrogen ion activity
RAD = Radionuclide compounds
SU = Standard units of pH, the negative log of the hydrogen ion activity
SLERA = Screening level ecological risk assessment
SVOCs = Semivolatile organic compounds
TCDD = Tetraclorodibenzodioxin
TCDF = Tetrachlorodibenzofuran
TeCB = Tetrachlorobiphenyl
TPH = Total petroleum hydrocarbons
TrCB = Trichlorobiphenyl
U = Not detected
VOCs = Volatile organic compounds
Y = Yes

APPENDIX D-2
OPERATIONS AREA AND PARCEL E SLERA DATASET FOR RAMBOLL CALCULATED PARAMETERS

Table D-2 Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1275		mg/kg	N
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0685		mg/kg	N
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.196		mg/kg	N
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	9.24934E-05	9.24934E-05	mg/kg	Y
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	0-0	N	--	8/23/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	4.42832E-05	4.42832E-05	mg/kg	Y
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.126		mg/kg	N
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0685		mg/kg	N
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1945		mg/kg	N
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000113571	0.000113571	mg/kg	Y
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	FD	BDT-3-N-10-4BPC	8/23/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	5.40657E-05	5.40657E-05	mg/kg	Y
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1275		mg/kg	N
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0685		mg/kg	N
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.196		mg/kg	N
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	9.28864E-05	9.28864E-05	mg/kg	Y
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	N	--	8/23/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	4.67432E-05	4.67432E-05	mg/kg	Y
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1245		mg/kg	N
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.068		mg/kg	N
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1925		mg/kg	N
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.002820253	0.002820253	mg/kg	Y
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	N	--	8/24/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.001352759	0.001352759	mg/kg	Y
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.129		mg/kg	N
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0695		mg/kg	N
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1985		mg/kg	N
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000973902	0.000973902	mg/kg	Y
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	0-0	N	--	8/24/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000468066	0.000468066	mg/kg	Y
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.126		mg/kg	N
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0685		mg/kg	N
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1945		mg/kg	N
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000939938	0.000939938	mg/kg	Y
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	N	--	8/24/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000444464	0.000444464	mg/kg	Y
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0-0	N	--	8/16/2010	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.000745		mg/kg	N
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5-1.5	N	--	8/16/2010	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.000725		mg/kg	N
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0-0	N	--	8/16/2010	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.000715		mg/kg	N
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0-0	FD	BDT-4-N-15-2BPC	8/16/2010	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.000685		mg/kg	N
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0-1	N	--	8/16/2010	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.001225	0.001225	mg/kg	Y
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0-1	N	--	8/17/2010	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.000725		mg/kg	N
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0-1	N	--	8/13/2010	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.004175	0.004175	mg/kg	Y
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5-1.5	N	--	8/13/2010	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.008485	0.008485	mg/kg	Y
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	6.04506E-06	6.04506E-06	mg/kg	Y
DU-1	CS-C05A-1	CS-C05A-1	0-0	N	--	4/20/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.10078E-06	3.10078E-06	mg/kg	Y
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.0384E-05	1.0384E-05	mg/kg	Y
DU-1	CS-C07B-1	CS-C07B-1	0-0	N	--	4/20/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	5.36991E-06	5.36991E-06	mg/kg	Y
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	5.43916E-05	5.43916E-05	mg/kg	Y
DU-1	CS-C10A-1	CS-C10A-1	0-0	N	--	5/17/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.65918E-05	2.65918E-05	mg/kg	Y
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0195	0.0195	mg/kg	Y
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1912	0.1912	mg/kg	Y
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.020525	0.020525	mg/kg	Y
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.211725	0.211725	mg/kg	Y
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000520683	0.000520683	mg/kg	Y
DU-1	CS-C10B-1	CS-C10B-1	0-0	N	--	7/28/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000252089	0.000252089	mg/kg	Y
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000318061	0.000318061	mg/kg	Y
DU-1	CS-D02-1	CS-D02-1	0-0	N	--	5/17/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000154696	0.000154696	mg/kg	Y
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	8.18362E-06	8.18362E-06	mg/kg	Y
DU-1	CS-D10-1	CS-D10-1	0-0	N	--	6/7/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	4.95661E-06	4.95661E-06	mg/kg	Y
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	2.47459E-05	2.47459E-05	mg/kg	Y
DU-1	CS-D23-2	CS-D23-2	0-0	N	--	6/30/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.12406E-05	1.12406E-05	mg/kg	Y
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.09905	0.09905	mg/kg	Y
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.007695	0.007695	mg/kg	Y
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.106745	0.106745	mg/kg	Y
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00224635	0.00224635	mg/kg	Y
DU-1	CS-DC-1	CS-DC-1	0-0	N	--	5/3/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000822405	0.000822405	mg/kg	Y
DU-1	CS-DC-4	CS-DC-4	0.5-0.5	N	--	6/2/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	4.5374E-06	4.5374E-06	mg/kg	Y
DU-1	CS-DC-4	CS-DC-4	0.5-0.5	N	--	6/2/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.2843E-06	2.2843E-06	mg/kg	Y
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.002375	0.002375	mg/kg	Y
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.005675		mg/kg	N
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.004185	0.004185	mg/kg	Y
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.00986	0.00986	mg/kg	Y
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	5.13726E-06	5.13726E-06	mg/kg	Y
DU-1	CS-E14C-1	CS-E14C-1	0-0	N	--	6/2/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.31698E-06	2.31698E-06	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0977	0.0977	mg/kg	Y
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00227885	0.00227885	mg/kg	Y
DU-1	DS-D27-1	DS-D27-1	0.5-0.5	N	--	4/14/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.00107788	0.00107788	mg/kg	Y
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00947	0.00947	mg/kg	Y
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0079	0.0079	mg/kg	Y
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.01737	0.01737	mg/kg	Y
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.01366468	0.01366468	mg/kg	Y
DU-1	DS-DB-1	DS-DB-1	0-0	N	--	4/20/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.00603114	0.00603114	mg/kg	Y
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0191	0.0191	mg/kg	Y
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003755	0.003755	mg/kg	Y
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.022855	0.022855	mg/kg	Y
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00178115	0.00178115	mg/kg	Y
DU-1	DS-DB-1	DS-DB-2	0-0	FD	DS-DB-1	4/20/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.0009381	0.0009381	mg/kg	Y
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000422595	0.000422595	mg/kg	Y
DU-1	DSPE-1	DSPE-1-0.5-20180919	0.5-1	N	--	9/19/2018	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000211003	0.000211003	mg/kg	Y
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000334848	0.000334848	mg/kg	Y
DU-1	DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	FD	DSPE-1-0.5-20180919	9/19/2018	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000170408	0.000170408	mg/kg	Y
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000154435	0.000154435	mg/kg	Y
DU-1	DSPE-2	DSPE-2-0.5-20180919	0.5-1	N	--	9/19/2018	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	7.78229E-05	7.78229E-05	mg/kg	Y
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00856522	0.00856522	mg/kg	Y
DU-1	EE-D02-1	EE-D02-1	0-0	N	--	5/17/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.00328946	0.00328946	mg/kg	Y
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.001084369	0.001084369	mg/kg	Y
DU-1	EE-D10-1	EE-D10-1	0-0	N	--	6/7/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000575767	0.000575767	mg/kg	Y
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00148909	0.00148909	mg/kg	Y
DU-1	EE-D25A-1	EE-D25A-1	0-0	N	--	5/18/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.00075402	0.00075402	mg/kg	Y
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.002278679	0.002278679	mg/kg	Y
DU-1	EE-DB-1	EE-DB-1	0.5-0.5	N	--	6/7/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.001147897	0.001147897	mg/kg	Y
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00282367	0.00282367	mg/kg	Y
DU-1	EE-DB-2	EE-DB-2	0-0	N	--	6/7/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.00147391	0.00147391	mg/kg	Y
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.001015	0.001015	mg/kg	Y
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.005675		mg/kg	N
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00189		mg/kg	N
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.007565		mg/kg	N
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.31537E-06	1.31537E-06	mg/kg	Y
DU-1	EE-E14C-1	EE-E14C-1	0-0	N	--	6/2/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	6.3944E-07	6.3944E-07	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.01975	0.01975	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.02		mg/kg	N
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1225		mg/kg	N
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1425		mg/kg	N
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000568503	0.000568503	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.000951093	0.000951093	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.001919318	0.001919318	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.00316116	0.00316116	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.035	0.035	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.00032525	0.00032525	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.003561	0.003561	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.002683	0.002683	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.000075	0.000075	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.0098	0.0098	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.00526	0.00526	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.001791	0.001791	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.05948926	0.05948926	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.00072096	0.00072096	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.00027305	0.00027305	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00151154	0.00151154	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.00059669	0.00059669	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	1.13083E-05	1.13083E-05	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	5.57069E-06	5.57069E-06	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.001522848	0.001522848	mg/kg	Y
DU-1	M-161D	M-161D-0.5-20141203	0.5-1	N	--	12/3/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	0.000602261	0.000602261	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.19675	0.19675	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.06665	0.06665	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.131	0.131	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.19765	0.19765	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.0015652	0.0015652	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.002644306	0.002644306	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.00522863	0.00522863	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.008311312	0.008311312	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.1	0.1	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.0009875	0.0009875	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.009284	0.009284	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.006903	0.006903	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.000233	0.000233	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.0298	0.0298	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.01391	0.01391	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.0051036	0.0051036	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.168893775	0.168893775	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.001989775	0.001989775	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.0006829	0.0006829	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00421541	0.00421541	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.00217703	0.00217703	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	3.38774E-05	3.38774E-05	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	1.7894E-05	1.7894E-05	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.004249287	0.004249287	mg/kg	Y
DU-1	M-162D	M-162D-0.5-20141209	0.5-1	N	--	12/9/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	0.002194924	0.002194924	mg/kg	Y
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.02135	0.02135	mg/kg	Y
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.041		mg/kg	N
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1346		mg/kg	N
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1756		mg/kg	N
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000133046	0.000133046	mg/kg	Y
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5-1	N	--	3/8/2017	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	6.85016E-05	6.85016E-05	mg/kg	Y
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0032		mg/kg	N
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0465		mg/kg	N
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.2829		mg/kg	N
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.3294		mg/kg	N
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	5.19846E-05	5.19846E-05	mg/kg	Y
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5-1	N	--	3/9/2017	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.64758E-05	2.64758E-05	mg/kg	Y
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0032		mg/kg	N
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.021		mg/kg	N
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1291		mg/kg	N
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1501		mg/kg	N
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000048074	0.000048074	mg/kg	Y
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5-1	N	--	3/10/2017	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000024326	0.000024326	mg/kg	Y
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0153	0.0153	mg/kg	Y
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0445		mg/kg	N
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1447		mg/kg	N
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1892		mg/kg	N
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	4.28716E-05	4.28716E-05	mg/kg	Y
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5-1	N	--	3/6/2017	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.09118E-05	2.09118E-05	mg/kg	Y
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0032		mg/kg	N
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0215		mg/kg	N
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1309		mg/kg	N
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1524		mg/kg	N
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.42054E-05	1.42054E-05	mg/kg	Y
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5-1	N	--	3/11/2017	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.00000657	0.00000657	mg/kg	Y
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0546	0.0546	mg/kg	Y
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0225		mg/kg	N
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.2685		mg/kg	N
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.291		mg/kg	N
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000400676	0.000400676	mg/kg	Y
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5-1	N	--	2/25/2017	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000204835	0.000204835	mg/kg	Y
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0032		mg/kg	N
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.022		mg/kg	N
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1312		mg/kg	N
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1532		mg/kg	N
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.96696E-05	1.96696E-05	mg/kg	Y
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5-1	N	--	3/12/2017	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.00544E-05	1.00544E-05	mg/kg	Y
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0032		mg/kg	N
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0215		mg/kg	N
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1304		mg/kg	N
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1519		mg/kg	N
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.95443E-05	1.95443E-05	mg/kg	Y
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	FD	RIDB-7-0.5-20170312	3/12/2017	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	9.9846E-06	9.9846E-06	mg/kg	Y
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.003		mg/kg	N
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0205		mg/kg	N
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1228		mg/kg	N
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1433		mg/kg	N
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000239869	0.000239869	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.000425313	0.000425313	mg/kg	Y
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.000935336	0.000935336	mg/kg	Y
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.00148033	0.00148033	mg/kg	Y
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.0081	0.0081	mg/kg	Y
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.0001225	0.0001225	mg/kg	Y
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.0017112	0.0017112	mg/kg	Y
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.00144315	0.00144315	mg/kg	Y
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.0000273	0.0000273	mg/kg	Y
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.00254	0.00254	mg/kg	Y
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.001431	0.001431	mg/kg	Y
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.00081984	0.00081984	mg/kg	Y
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.01660692	0.01660692	mg/kg	Y
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.00031201	0.00031201	mg/kg	Y
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.00009992	0.00009992	mg/kg	Y
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000275381	0.000275381	mg/kg	Y
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000141248	0.000141248	mg/kg	Y
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	3.01114E-06	3.01114E-06	mg/kg	Y
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	1.62901E-06	1.62901E-06	mg/kg	Y
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.000278393	0.000278393	mg/kg	Y
DU-1	RISB-09	RISB-09-0.5-20141211	0.5-1	N	--	12/11/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	0.000142877	0.000142877	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.003		mg/kg	N
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.02695	0.02695	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1223		mg/kg	N
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.14925	0.14925	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000234741	0.000234741	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.000409161	0.000409161	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.000941488	0.000941488	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.001714299	0.001714299	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.019	0.019	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.0001295		mg/kg	N
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.002048	0.002048	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.0013821	0.0013821	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.00001405	0.00001405	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.0057	0.0057	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.002806	0.002806	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.00085131	0.00085131	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.03230541	0.03230541	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.0002562	0.0002562	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.00011825	0.00011825	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000621343	0.000621343	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000332929	0.000332929	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	2.97285E-06	2.97285E-06	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	7.6824E-07	7.6824E-07	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.000624316	0.000624316	mg/kg	Y
DU-1	RISB-10	RISB-10-0.5-20141215	0.5-1	N	--	12/15/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	0.000333697	0.000333697	mg/kg	Y
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0094		mg/kg	N
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.065		mg/kg	N
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1555		mg/kg	N
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.2205		mg/kg	N
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	6.36232E-05	6.36232E-05	mg/kg	Y
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	7.09704E-05	7.09704E-05	mg/kg	Y
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.000122798	0.000122798	mg/kg	Y
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.000229674	0.000229674	mg/kg	Y
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.003	0.003	mg/kg	Y
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.0001075		mg/kg	N
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.000265	0.000265	mg/kg	Y
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.0001868	0.0001868	mg/kg	Y
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.00000245		mg/kg	N
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.00085	0.00085	mg/kg	Y
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.000429	0.000429	mg/kg	Y
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.0000999	0.0000999	mg/kg	Y
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.005047365	0.005047365	mg/kg	Y
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.000059915	0.000059915	mg/kg	Y
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.0000468	0.0000468	mg/kg	Y
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000112963	0.000112963	mg/kg	Y
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000068268	0.000068268	mg/kg	Y
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	4.56241E-07	4.56241E-07	mg/kg	Y
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	2.32243E-07	2.32243E-07	mg/kg	Y
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.000113419	0.000113419	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	RISB-11	RISB-11-0.5-20141217	0.5-1	N	--	12/17/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	6.85002E-05	6.85002E-05	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.017	0.017	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0645	0.0645	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1267	0.1267	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1912	0.1912	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.010775281	0.010775281	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.029003831	0.029003831	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.133654225	0.133654225	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.274367548	0.274367548	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.044	0.044	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.0007115	0.0007115	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.330126	0.330126	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.32505	0.32505	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.000193	0.000193	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.0154	0.0154	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.06816	0.06816	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.0622789	0.0622789	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.85906025	0.85906025	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.01043155	0.01043155	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.0027093	0.0027093	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.001478774	0.001478774	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000688332	0.000688332	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	6.32192E-05	6.32192E-05	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	4.67815E-05	4.67815E-05	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.001541993	0.001541993	mg/kg	Y
DU-1	RISB-12	RISB-12-0.5-20141215	0.5-1	N	--	12/15/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	0.000735114	0.000735114	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0068	0.0068	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0215		mg/kg	N
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1299		mg/kg	N
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1514		mg/kg	N
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000290729	0.000290729	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.00049063	0.00049063	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.00095942	0.00095942	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.001210169	0.001210169	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.006	0.006	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.000111		mg/kg	N
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.0012111	0.0012111	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.00135075	0.00135075	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.0000305	0.0000305	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.00135	0.00135	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.000818	0.000818	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.0009323	0.0009323	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.01232285	0.01232285	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.0003634	0.0003634	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.0001558	0.0001558	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000149623	0.000149623	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	7.35916E-05	7.35916E-05	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	1.3636E-06	1.3636E-06	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	5.73925E-07	5.73925E-07	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.000150987	0.000150987	mg/kg	Y
DU-1	RISB-13	RISB-13-0.5-20141217	0.5-1	N	--	12/17/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	7.41655E-05	7.41655E-05	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0217	0.0217	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.10135	0.10135	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1288		mg/kg	N
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.23015	0.23015	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.006416835	0.006416835	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.011678745	0.011678745	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.032585985	0.032585985	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.06191398	0.06191398	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.26	0.26	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.002525	0.002525	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.07222	0.07222	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.066625	0.066625	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.000567	0.000567	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.074	0.074	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.0474	0.0474	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.020249	0.020249	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.5552705	0.5552705	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.0085715	0.0085715	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.003113	0.003113	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00896525	0.00896525	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.00462565	0.00462565	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	0.000106994	0.000106994	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	5.98291E-05	5.98291E-05	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.009072244	0.009072244	mg/kg	Y
DU-1	RISB-14	RISB-14-0.5-20141216	0.5-1	N	--	12/16/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	0.004685479	0.004685479	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.035	0.035	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.021		mg/kg	N
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1291		mg/kg	N
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1501		mg/kg	N
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.001335213	0.001335213	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.002125424	0.002125424	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.004065928	0.004065928	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.00741665	0.00741665	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.099	0.099	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.0005825	0.0005825	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.00864	0.00864	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.0060815	0.0060815	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.000256	0.000256	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.0275	0.0275	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.01278	0.01278	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.0034135	0.0034135	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.16087285	0.16087285	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.0018795	0.0018795	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.00073985	0.00073985	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00511727	0.00511727	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.00265761	0.00265761	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	2.06949E-05	2.06949E-05	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	1.03366E-05	1.03366E-05	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.005137965	0.005137965	mg/kg	Y
DU-1	RISB-39	RISB-39-0.5-20141121	0.5-1	N	--	11/21/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	0.002667947	0.002667947	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.14975	0.14975	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.02795	0.02795	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1233		mg/kg	N
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.15125	0.15125	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.00331559	0.00331559	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.005225825	0.005225825	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.009536722	0.009536722	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.01618502	0.01618502	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.19	0.19	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.00172	0.00172	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.01911	0.01911	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.013216	0.013216	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.00057	0.00057	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.051	0.051	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.02624	0.02624	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.0085475	0.0085475	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.3167995	0.3167995	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.004619	0.004619	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.001777	0.001777	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00527468	0.00527468	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.00262384	0.00262384	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	4.37007E-05	4.37007E-05	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	2.03428E-05	2.03428E-05	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.005318381	0.005318381	mg/kg	Y
DU-1	RISB-40	RISB-40-0.5-20141121	0.5-1	N	--	11/21/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	0.002644183	0.002644183	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0064	0.0064	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0263	0.0263	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1291		mg/kg	N
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1554	0.1554	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000130013	0.000130013	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.000209625	0.000209625	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.00040205	0.00040205	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.00068306	0.00068306	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.0078	0.0078	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.0000712	0.0000712	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.0008088	0.0008088	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.000563	0.000563	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.0000287	0.0000287	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.0021	0.0021	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.001067	0.001067	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.00036305	0.00036305	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.013043155	0.013043155	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.000174765	0.000174765	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.00006664	0.00006664	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000254618	0.000254618	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000136045	0.000136045	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	1.7621E-06	1.7621E-06	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	9.23299E-07	9.23299E-07	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.000256381	0.000256381	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121	0.5-1	N	--	11/21/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	0.000136968	0.000136968	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0062	0.0062	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0205		mg/kg	N
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1288		mg/kg	N
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1493		mg/kg	N
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000101413	0.000101413	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.000166451	0.000166451	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.000334493	0.000334493	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.000586199	0.000586199	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.0067	0.0067	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.0000575	0.0000575	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.0006929	0.0006929	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.00049285	0.00049285	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.0000169	0.0000169	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.00179	0.00179	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.000901	0.000901	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.00029108	0.00029108	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.01112849	0.01112849	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.00013683	0.00013683	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.00004943	0.00004943	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000233142	0.000233142	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000126702	0.000126702	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	1.58214E-06	1.58214E-06	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	8.26556E-07	8.26556E-07	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.000234724	0.000234724	mg/kg	Y
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5-1	FD	RISB-41-0.5-20141121	11/21/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	0.000127528	0.000127528	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0105	0.0105	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0205		mg/kg	N
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1228		mg/kg	N
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1433		mg/kg	N
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000408814	0.000408814	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.000709395	0.000709395	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.001512487	0.001512487	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.002545002	0.002545002	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.029	0.029	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.000208	0.000208	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.00281	0.00281	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.0022341	0.0022341	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.000061	0.000061	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.0083	0.0083	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.00417	0.00417	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.0013665	0.0013665	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.04885474	0.04885474	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.000519995	0.000519995	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.000185145	0.000185145	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000909957	0.000909957	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000473921	0.000473921	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	7.04648E-06	7.04648E-06	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	4.26732E-06	4.26732E-06	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.000917003	0.000917003	mg/kg	Y
DU-1	RISB-47	RISB-47-0.5-20141120	0.5-1	N	--	11/20/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	0.000478188	0.000478188	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.00645	0.00645	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0205		mg/kg	N
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1233		mg/kg	N
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1438		mg/kg	N
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	9.95604E-05	9.95604E-05	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.000167828	0.000167828	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.000379216	0.000379216	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.000709188	0.000709188	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.0091	0.0091	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.0000699	0.0000699	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.0008423	0.0008423	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.0005714	0.0005714	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.000071	0.000071	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.00243	0.00243	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.001216	0.001216	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.00033088	0.00033088	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.014793385	0.014793385	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.000115585	0.000115585	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.00004632	0.00004632	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000279579	0.000279579	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000138858	0.000138858	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	1.79852E-06	1.79852E-06	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	1.11923E-06	1.11923E-06	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.000281378	0.000281378	mg/kg	Y
DU-1	RISB-48	RISB-48-0.5-20141120	0.5-1	N	--	11/20/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	0.000139977	0.000139977	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.022		mg/kg	N
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1307		mg/kg	N
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1527		mg/kg	N
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000344335	0.000344335	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.000604776	0.000604776	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.001397294	0.001397294	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.002482209	0.002482209	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.0036	0.0036	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.0000603	0.0000603	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.0030603	0.0030603	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.00267715	0.00267715	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.0000063	0.0000063	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.00101	0.00101	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.001087	0.001087	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.00090585	0.00090585	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.01312559	0.01312559	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.00055402	0.00055402	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.00016467	0.00016467	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000121091	0.000121091	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	6.19005E-05	6.19005E-05	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	2.03434E-06	2.03434E-06	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	1.03936E-06	1.03936E-06	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.000123125	0.000123125	mg/kg	Y
DU-1	RIT-1-01	RIT-1-01-20141111	--	N	--	11/11/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	6.29399E-05	6.29399E-05	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.18105	0.18105	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.12705	0.12705	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.3081	0.3081	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.001191233	0.001191233	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.00381939	0.00381939	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.0240765	0.0240765	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.058815781	0.058815781	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.0067	0.0067	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.00020325	0.00020325	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.07880555	0.07880555	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.0635205	0.0635205	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.000087	0.000087	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.00221	0.00221	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.01794	0.01794	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.00760968	0.00760968	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.1782456	0.1782456	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.00088112	0.00088112	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.0002885	0.0002885	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000128503	0.000128503	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	5.99788E-05	5.99788E-05	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	1.20067E-05	1.20067E-05	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	1.10027E-05	1.10027E-05	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.000140509	0.000140509	mg/kg	Y
DU-1	RIT-1-02	RIT-1-02-20141111	--	N	--	11/11/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	7.09815E-05	7.09815E-05	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0498	0.0498	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.311	0.311	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.293		mg/kg	N
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.604	0.604	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.004937285	0.004937285	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.010229493	0.010229493	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.038946591	0.038946591	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.08761794	0.08761794	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.087	0.087	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.00112255	0.00112255	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.11819	0.11819	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.089455	0.089455	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.000097	0.000097	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.0276	0.0276	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.0383	0.0383	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.018147	0.018147	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.38845285	0.38845285	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.0061993	0.0061993	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.002342	0.002342	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.003407793	0.003407793	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.001710679	0.001710679	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	5.83746E-05	5.83746E-05	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	3.22467E-05	3.22467E-05	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.003466168	0.003466168	mg/kg	Y
DU-1	RIT-1-03	RIT-1-03-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	0.001742926	0.001742926	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0075	0.0075	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.5085	0.5085	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.2115	0.2115	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.72	0.72	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.004393531	0.004393531	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.015401276	0.015401276	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.097313565	0.097313565	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.221336814	0.221336814	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.021	0.021	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.0003189	0.0003189	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.27275	0.27275	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.2615605	0.2615605	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.000065	0.000065	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.0088	0.0088	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.05572	0.05572	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.0320667	0.0320667	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.65570306	0.65570306	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.002822345	0.002822345	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.000599615	0.000599615	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000865373	0.000865373	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000409609	0.000409609	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	4.71084E-05	4.71084E-05	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	4.22991E-05	4.22991E-05	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.000912481	0.000912481	mg/kg	Y
DU-1	RIT-1-04	RIT-1-04-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	0.000451908	0.000451908	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.00545	0.00545	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0222	0.0222	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.247		mg/kg	N
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.2692	0.2692	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.005543814	0.005543814	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.007328073	0.007328073	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.016241934	0.016241934	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.031286379	0.031286379	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.0055	0.0055	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.0010602	0.0010602	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.03775465	0.03775465	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.0369415	0.0369415	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.0000308	0.0000308	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.00186	0.00186	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.007619	0.007619	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.00726877	0.00726877	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.11062382	0.11062382	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.0070443	0.0070443	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.0055446	0.0055446	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000167813	0.000167813	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	6.24456E-05	6.24456E-05	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	2.24527E-05	2.24527E-05	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	9.70604E-06	9.70604E-06	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.000190266	0.000190266	mg/kg	Y
DU-1	RIT-1-05	RIT-1-05-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	7.21516E-05	7.21516E-05	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0032		mg/kg	N
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.022		mg/kg	N
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.2532		mg/kg	N
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.2752		mg/kg	N
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.00029502	0.00029502	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.000646736	0.000646736	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.002062408	0.002062408	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.003783	0.003783	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.0059	0.0059	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.00008165	0.00008165	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.004467	0.004467	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.0042723	0.0042723	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.0000698	0.0000698	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.00161	0.00161	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.00169	0.00169	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.00130645	0.00130645	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.019860135	0.019860135	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.0003947	0.0003947	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.000068235	0.000068235	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00018755	0.00018755	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	8.46832E-05	8.46832E-05	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	2.93699E-06	2.93699E-06	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	1.58773E-06	1.58773E-06	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.000190487	0.000190487	mg/kg	Y
DU-1	RIT-2-01	RIT-2-01-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	8.62709E-05	8.62709E-05	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0044	0.0044	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1965	0.1965	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.18		mg/kg	N
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.3765	0.3765	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000631031	0.000631031	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.001200074	0.001200074	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.003001927	0.003001927	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.00548672	0.00548672	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.041	0.041	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.00025125	0.00025125	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.00649	0.00649	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.005115	0.005115	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.000063	0.000063	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.0112	0.0112	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.0068	0.0068	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.0023685	0.0023685	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.0743486	0.0743486	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.0008321	0.0008321	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.00022875	0.00022875	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.001256718	0.001256718	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000631434	0.000631434	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	8.56103E-06	8.56103E-06	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	4.78606E-06	4.78606E-06	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.001265279	0.001265279	mg/kg	Y
DU-1	RIT-2-02	RIT-2-02-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	0.00063622	0.00063622	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.01015	0.01015	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.189	0.189	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1297	0.1297	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.3187	0.3187	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.001889025	0.001889025	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.003456022	0.003456022	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.008123276	0.008123276	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.01419471	0.01419471	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.084	0.084	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.000913	0.000913	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.01698	0.01698	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.0134295	0.0134295	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.000274	0.000274	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.0244	0.0244	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.01529	0.01529	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.0065635	0.0065635	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.16511905	0.16511905	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.0025702	0.0025702	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.00069885	0.00069885	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.002684905	0.002684905	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.001351855	0.001351855	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	2.40264E-05	2.40264E-05	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	1.17462E-05	1.17462E-05	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.002708931	0.002708931	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112	--	N	--	11/12/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	0.001363601	0.001363601	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0088	0.0088	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0765	0.0765	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1356		mg/kg	N
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.2121	0.2121	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.002691718	0.002691718	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.004690711	0.004690711	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.01014147	0.01014147	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.01761521	0.01761521	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.13	0.13	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.00147595	0.00147595	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.02113	0.02113	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.0158355	0.0158355	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.00039	0.00039	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.0364	0.0364	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.02216	0.02216	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.0084975	0.0084975	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.24071535	0.24071535	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.0037549	0.0037549	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.0010715	0.0010715	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00410455	0.00410455	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.00216735	0.00216735	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	3.30755E-05	3.30755E-05	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	1.61189E-05	1.61189E-05	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.004137626	0.004137626	mg/kg	Y
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	FD	RIT-2-03-20141112	11/12/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	0.002183469	0.002183469	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0032		mg/kg	N
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.021		mg/kg	N
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1231		mg/kg	N
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1441		mg/kg	N
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000552484	0.000552484	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.001083521	0.001083521	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.002021261	0.002021261	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.001811133	0.001811133	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.0012	0.0012	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.000143	0.000143	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.0014196	0.0014196	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.0022834	0.0022834	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.000101	0.000101	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.000338	0.000338	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.000431	0.000431	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.00232589	0.00232589	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.00915092	0.00915092	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.000776915	0.000776915	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.000132115	0.000132115	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	7.29529E-05	7.29529E-05	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.19095E-05	2.19095E-05	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	4.44665E-06	4.44665E-06	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	1.29901E-06	1.29901E-06	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	7.73996E-05	7.73996E-05	mg/kg	Y
DU-1	RIT-2-04	RIT-2-04-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	2.32085E-05	2.32085E-05	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0066		mg/kg	N
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.02		mg/kg	N
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.454	0.454	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.474	0.474	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000120111	0.000120111	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.000197533	0.000197533	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.000355556	0.000355556	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.000363873	0.000363873	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.00023	0.00023	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.0000944	0.0000944	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.00034037	0.00034037	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.00043143	0.00043143	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.00001178	0.00001178	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.000064	0.000064	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.0000959	0.0000959	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.000383155	0.000383155	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.001852225	0.001852225	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.000150925	0.000150925	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.000050265	0.000050265	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	9.83712E-06	9.83712E-06	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.79096E-06	2.79096E-06	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	9.43867E-07	9.43867E-07	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	3.17228E-07	3.17228E-07	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	1.0781E-05	1.0781E-05	mg/kg	Y
DU-1	RIT-2-05	RIT-2-05-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	3.10819E-06	3.10819E-06	mg/kg	Y
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0032		mg/kg	N
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.021		mg/kg	N
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1301		mg/kg	N
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1511		mg/kg	N
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	1.66079E-05	1.66079E-05	mg/kg	Y
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	2.70714E-05	2.70714E-05	mg/kg	Y
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	6.4624E-05	6.4624E-05	mg/kg	Y
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	7.62396E-05	7.62396E-05	mg/kg	Y
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.00002	0.00002	mg/kg	Y
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.0000151		mg/kg	N
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.00005134	0.00005134	mg/kg	Y
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.000118655	0.000118655	mg/kg	Y
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.000000895	0.000000895	mg/kg	Y
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.00000451	0.00000451	mg/kg	Y
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.000005665	0.000005665	mg/kg	Y
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.00005378	0.00005378	mg/kg	Y
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.000295659	0.000295659	mg/kg	Y
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.000016524	0.000016524	mg/kg	Y
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.00000919	0.00000919	mg/kg	Y
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	2.9982E-07	2.9982E-07	mg/kg	Y
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.1339E-07	2.1339E-07	mg/kg	Y
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	3.93494E-08	3.93494E-08	mg/kg	Y
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	2.04438E-08	2.04438E-08	mg/kg	Y
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	3.39169E-07	3.39169E-07	mg/kg	Y
DU-1	RIT-3-01	RIT-3-01-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	2.33834E-07	2.33834E-07	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.00715	0.00715	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0434	0.0434	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1315	0.1315	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1749	0.1749	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000143024	0.000143024	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.000324268	0.000324268	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.000766593	0.000766593	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.00078788	0.00078788	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.00024	0.00024	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.0000321	0.0000321	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.000630625	0.000630625	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.00102469	0.00102469	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.0000076	0.0000076	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.000131	0.000131	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.0002264	0.0002264	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.000839293	0.000839293	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.003299759	0.003299759	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.000148406	0.000148406	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.000019645	0.000019645	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	5.6381E-06	5.6381E-06	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.4532E-06	2.4532E-06	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	7.17581E-07	7.17581E-07	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	3.15751E-07	3.15751E-07	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	6.35568E-06	6.35568E-06	mg/kg	Y
DU-1	RIT-3-02	RIT-3-02-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	2.76895E-06	2.76895E-06	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0032		mg/kg	N
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.105		mg/kg	N
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	3.463		mg/kg	N

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	3.568		mg/kg	N
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000105406	0.000105406	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.00019042	0.00019042	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.000669004	0.000669004	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.001427539	0.001427539	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.0024	0.0024	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.000128		mg/kg	N
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.00187025	0.00187025	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.0014711	0.0014711	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.0000108	0.0000108	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.00064	0.00064	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.000716	0.000716	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.00035385	0.00035385	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.007743805	0.007743805	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.000113855	0.000113855	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.00003995	0.00003995	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	4.24834E-05	4.24834E-05	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.29252E-05	2.29252E-05	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	1.05506E-06	1.05506E-06	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	7.09502E-07	7.09502E-07	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	4.35385E-05	4.35385E-05	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	2.36347E-05	2.36347E-05	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0032		mg/kg	N
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0415		mg/kg	N
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	1.4049		mg/kg	N
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	1.4464		mg/kg	N
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000179627	0.000179627	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.000407312	0.000407312	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.001831643	0.001831643	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.003946275	0.003946275	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.0032	0.0032	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.000109	0.000109	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.0048618	0.0048618	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.0045101	0.0045101	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.0000101	0.0000101	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.00093	0.00093	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.001436	0.001436	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.000789405	0.000789405	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.016094795	0.016094795	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.00018114	0.00018114	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.00006725	0.00006725	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	5.08767E-05	5.08767E-05	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.65361E-05	2.65361E-05	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	2.30583E-06	2.30583E-06	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	1.46289E-06	1.46289E-06	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	5.31825E-05	5.31825E-05	mg/kg	Y
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	FD	RIT-3-03-20141113	11/13/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	2.7999E-05	2.7999E-05	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0043	0.0043	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0205		mg/kg	N
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1228		mg/kg	N
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1433		mg/kg	N
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.00023295	0.00023295	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.000681638	0.000681638	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.003760374	0.003760374	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.008209955	0.008209955	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.0006	0.0006	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.0000876	0.0000876	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.01031536	0.01031536	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.00947475	0.00947475	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.0000204	0.0000204	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.000328	0.000328	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.0017096	0.0017096	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.00156476	0.00156476	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.02427934	0.02427934	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.000111495	0.000111495	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.000067375	0.000067375	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.58499E-05	1.58499E-05	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	8.0197E-06	8.0197E-06	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	1.1494E-06	1.1494E-06	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	9.97437E-07	9.97437E-07	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	1.69993E-05	1.69993E-05	mg/kg	Y
DU-1	RIT-3-04	RIT-3-04-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	9.01714E-06	9.01714E-06	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.00435	0.00435	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.23	0.23	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.241	0.241	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.471	0.471	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000402931	0.000402931	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.000776133	0.000776133	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.002278088	0.002278088	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.004147447	0.004147447	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.006	0.006	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.00017945	0.00017945	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.0050251	0.0050251	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.00457335	0.00457335	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.00006	0.00006	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.00145	0.00145	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.001774	0.001774	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.00148685	0.00148685	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.02121727	0.02121727	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.00050369	0.00050369	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.00016483	0.00016483	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000159724	0.000159724	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000082056	0.000082056	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	3.33966E-06	3.33966E-06	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	1.78443E-06	1.78443E-06	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.000163064	0.000163064	mg/kg	Y
DU-1	RIT-3-05	RIT-3-05-20141113	--	N	--	11/13/2014	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	8.38404E-05	8.38404E-05	mg/kg	Y
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.3875	0.3875	mg/kg	Y
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0645		mg/kg	N
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.452	0.452	mg/kg	Y
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.002989465	0.002989465	mg/kg	Y
DU-1	RSAH3	RSAH3-0BPC	0.5-1	N	--	6/17/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.001323465	0.001323465	mg/kg	Y
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0027		mg/kg	N
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00488		mg/kg	N
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003485		mg/kg	N
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.008365		mg/kg	N
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	4.28641E-06	4.28641E-06	mg/kg	Y
DU-1	RSAI4	RSAI4-0.5B	0.5-2	N	--	7/24/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.11926E-06	2.11926E-06	mg/kg	Y
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0027		mg/kg	N
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00498		mg/kg	N
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003615		mg/kg	N
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.008595		mg/kg	N
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.78715E-05	1.78715E-05	mg/kg	Y
DU-1	RSAI5	RSAI5-0.5B	0.5-2	N	--	7/24/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	9.64287E-06	9.64287E-06	mg/kg	Y
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.000219		mg/kg	N
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00641857		mg/kg	N
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.005753175		mg/kg	N
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.012171745		mg/kg	N
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.04494667	0.04494667	mg/kg	Y
DU-1	RSAI7	RSAI7-0.5B	0-0.5	N	--	7/11/2008	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.03144081	0.03144081	mg/kg	Y
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	2.53621E-05	2.53621E-05	mg/kg	Y
DU-1	RSAI7	RSAI7-1BR	0.5-1	N	--	12/10/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.08906E-05	1.08906E-05	mg/kg	Y
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0285		mg/kg	N
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1045		mg/kg	N
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0755		mg/kg	N
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.18		mg/kg	N
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.005917896	0.005917896	mg/kg	Y
DU-1	RSAJ5	RSAJ5-0.5B	0.5-2	N	--	6/2/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.003416728	0.003416728	mg/kg	Y
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.027		mg/kg	N
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.013675	0.013675	mg/kg	Y
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00695	0.00695	mg/kg	Y
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.020625	0.020625	mg/kg	Y
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.003328401	0.003328401	mg/kg	Y
DU-1	RSAK4	RSAK4-0.5B	0.5-1.5	N	--	6/11/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.00157376	0.00157376	mg/kg	Y
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.129		mg/kg	N
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.012675	0.012675	mg/kg	Y
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.006375	0.006375	mg/kg	Y
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.01905	0.01905	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.003435304	0.003435304	mg/kg	Y
DU-1	RSAK4	RSAK4009-0.5B	0.5-2	FD	RSAK4-0.5B	6/11/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.001638993	0.001638993	mg/kg	Y
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0027		mg/kg	N
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00489		mg/kg	N
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00354		mg/kg	N
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.00843		mg/kg	N
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	9.71383E-06	9.71383E-06	mg/kg	Y
DU-1	RSAK6	RSAK6-0.5B	0-1	N	--	6/5/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.95339E-06	2.95339E-06	mg/kg	Y
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0054		mg/kg	N
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0041945	0.0041945	mg/kg	Y
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003565	0.003565	mg/kg	Y
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.0077595	0.0077595	mg/kg	Y
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000368093	0.000368093	mg/kg	Y
DU-1	RSAL4	RSAL4-0.5B	0.5-2	N	--	7/7/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000191285	0.000191285	mg/kg	Y
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.027		mg/kg	N
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.004095	0.004095	mg/kg	Y
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0039655	0.0039655	mg/kg	Y
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.0080605	0.0080605	mg/kg	Y
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000315175	0.000315175	mg/kg	Y
DU-1	RSAL4	RSAL4009-0.5B	0.5-2	FD	RSAL4-0.5B	7/7/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000163031	0.000163031	mg/kg	Y
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.068	0.068	mg/kg	Y
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0249		mg/kg	N
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.018		mg/kg	N
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.0429		mg/kg	N
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000646838	0.000646838	mg/kg	Y
DU-1	RSAL5	RSAL5-0.5B	0.5-2	N	--	7/15/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000328483	0.000328483	mg/kg	Y
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0049	0.0049	mg/kg	Y
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00504		mg/kg	N
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00363		mg/kg	N
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.00867		mg/kg	N
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000727253	0.000727253	mg/kg	Y
DU-1	RSAL6	RSAL6-0.5B	0-1.5	N	--	7/29/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000377455	0.000377455	mg/kg	Y
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0027		mg/kg	N
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00488		mg/kg	N
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00406	0.00406	mg/kg	Y
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.00894	0.00894	mg/kg	Y
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.49829E-06	3.49829E-06	mg/kg	Y
DU-1	RSAL7	RSAL7-0.5B	0.5-1.5	N	--	6/5/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.18428E-06	1.18428E-06	mg/kg	Y
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.027		mg/kg	N
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0097		mg/kg	N
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.007		mg/kg	N
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.0167		mg/kg	N
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.002315495	0.002315495	mg/kg	Y
DU-1	RSAL8	RSAL8-0.5B	0.5-1.5	N	--	6/5/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000991859	0.000991859	mg/kg	Y
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1135		mg/kg	N
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0614		mg/kg	N
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1749		mg/kg	N
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	7.23297E-06	7.23297E-06	mg/kg	Y
DU-1	RSAL8	RSAL8-0BPC	0-0.5	N	--	6/17/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.24981E-06	3.24981E-06	mg/kg	Y
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0027		mg/kg	N
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.004825		mg/kg	N
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00406	0.00406	mg/kg	Y
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.008885	0.008885	mg/kg	Y
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	6.68041E-06	6.68041E-06	mg/kg	Y
DU-1	RSAM2	RSAM2-0.5B	0.5-2	N	--	6/3/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.96844E-06	2.96844E-06	mg/kg	Y
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.027		mg/kg	N
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00506		mg/kg	N
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003645		mg/kg	N
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.008705		mg/kg	N
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	9.80028E-05	9.80028E-05	mg/kg	Y
DU-1	RSAM4	RSAM4-0.5B	0.5-2	N	--	7/8/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	5.21572E-05	5.21572E-05	mg/kg	Y
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0039	0.0039	mg/kg	Y
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.005965	0.005965	mg/kg	Y
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.004675	0.004675	mg/kg	Y
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.01064	0.01064	mg/kg	Y
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00029561	0.00029561	mg/kg	Y
DU-1	RSAM6	RSAM6-0.5B	0.5-2	N	--	6/18/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000157648	0.000157648	mg/kg	Y
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0095	0.0095	mg/kg	Y
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.004755		mg/kg	N

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003475		mg/kg	N
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.00823		mg/kg	N
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	7.30289E-05	7.30289E-05	mg/kg	Y
DU-1	RSAM7	RSAM7-0.5B	0-1.5	N	--	6/18/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.70145E-05	3.70145E-05	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.027		mg/kg	N
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.03582	0.03582	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.006615	0.006615	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.042435	0.042435	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000915697	0.000915697	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.0017883	0.0017883	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.003939762	0.003939762	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.002998174	0.002998174	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.000906	0.000906	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.000653035	0.000653035	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.00092016	0.00092016	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.004929675	0.004929675	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.00001844	0.00001844	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.0002896	0.0002896	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.00023445	0.00023445	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.004656183	0.004656183	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.01364899	0.01364899	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.000740366	0.000740366	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.000301081	0.000301081	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.13942E-05	1.13942E-05	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	4.45588E-06	4.45588E-06	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	2.18852E-06	2.18852E-06	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	2.9106E-06	2.9106E-06	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	1.35827E-05	1.35827E-05	mg/kg	Y
DU-1	RSAM8	RSAM8-0.5B	0-1	N	--	6/12/2009	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	7.36648E-06	7.36648E-06	mg/kg	Y
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0044	0.0044	mg/kg	Y
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00982	0.00982	mg/kg	Y
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0049	0.0049	mg/kg	Y
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.01472	0.01472	mg/kg	Y
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	7.24422E-06	7.24422E-06	mg/kg	Y
DU-1	RSAN3	RSAN3-0.5B	0-1.5	N	--	7/8/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.25561E-06	3.25561E-06	mg/kg	Y
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.00285		mg/kg	N
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.005165		mg/kg	N
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00373		mg/kg	N
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.008895		mg/kg	N
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.64692E-07	3.64692E-07	mg/kg	Y
DU-1	RSAN4	RSAN4-0.5B	0-1.5	N	--	7/8/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.42783E-07	2.42783E-07	mg/kg	Y
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0071	0.0071	mg/kg	Y
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.004825		mg/kg	N
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003485		mg/kg	N
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.00831		mg/kg	N
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.99203E-05	1.99203E-05	mg/kg	Y
DU-1	RSAN5	RSAN5-0.5B	0.5-2	N	--	6/23/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.10872E-05	1.10872E-05	mg/kg	Y
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.348	0.348	mg/kg	Y
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.08645	0.08645	mg/kg	Y
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.43445	0.43445	mg/kg	Y
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000764235	0.000764235	mg/kg	Y
DU-1	RSAN7	RSAN7-0BPC	0.5-1	N	--	8/13/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000335755	0.000335755	mg/kg	Y
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.013095	0.013095	mg/kg	Y
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00641857		mg/kg	N
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.006503175		mg/kg	N
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.012921745		mg/kg	N
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000415677	0.000415677	mg/kg	Y
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.000572381	0.000572381	mg/kg	Y
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.000991128	0.000991128	mg/kg	Y
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.001054482	0.001054482	mg/kg	Y
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.00132	0.00132	mg/kg	Y
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.00053385	0.00053385	mg/kg	Y
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.000872767	0.000872767	mg/kg	Y
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.00124742	0.00124742	mg/kg	Y
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.0000244		mg/kg	N
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.00071	0.00071	mg/kg	Y
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.0009419	0.0009419	mg/kg	Y
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.001049011	0.001049011	mg/kg	Y
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.007367028	0.007367028	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.000423745	0.000423745	mg/kg	Y
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.000243935	0.000243935	mg/kg	Y
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	3.33087E-07	3.33087E-07	mg/kg	Y
DU-1	RSAO2	RSAO2-0.5B	0.5-2	N	--	7/9/2008	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	1.46289E-07	1.46289E-07	mg/kg	Y
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.027		mg/kg	N
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.008195	0.008195	mg/kg	Y
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00666	0.00666	mg/kg	Y
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.014855	0.014855	mg/kg	Y
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.001440463	0.001440463	mg/kg	Y
DU-1	RSAO3	RSAO3-0.5B	0-0	N	--	6/10/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000628995	0.000628995	mg/kg	Y
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.027		mg/kg	N
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.2018	0.2018	mg/kg	Y
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0184	0.0184	mg/kg	Y
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.2202	0.2202	mg/kg	Y
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.87026E-05	3.87026E-05	mg/kg	Y
DU-1	RSAO5	RSAO5-0.5B	0.5-2	N	--	6/29/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.71136E-05	1.71136E-05	mg/kg	Y
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0027		mg/kg	N
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.004895		mg/kg	N
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003545		mg/kg	N
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.00844		mg/kg	N
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	6.33462E-06	6.33462E-06	mg/kg	Y
DU-1	RSAO6	RSAO6-0.5B	0-0.5	N	--	6/24/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.51247E-06	3.51247E-06	mg/kg	Y
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0027		mg/kg	N
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00506		mg/kg	N
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003645		mg/kg	N
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.008705		mg/kg	N
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	4.0093E-06	4.0093E-06	mg/kg	Y
DU-1	RSAO7	RSAO7-9B	0-1.5	N	--	10/12/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.00000297	0.00000297	mg/kg	Y
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0027		mg/kg	N
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.65281E-05	1.65281E-05	mg/kg	Y
DU-1	RSAO8	RSAO8-11.5B	0-1	N	--	9/14/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000007695	0.000007695	mg/kg	Y
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0138	0.0138	mg/kg	Y
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	1.8		mg/kg	N
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	1.26		mg/kg	N
DU-1	SA-11	SA11-0.5	0-0	N	--	11/9/2006	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	3.06		mg/kg	N
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.00285		mg/kg	N
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	1.9		mg/kg	N
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	1.33		mg/kg	N
DU-1	SA-11	SA11-0.5D	0-0	FD	SA11-0.5	11/9/2006	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	3.23		mg/kg	N
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00506		mg/kg	N
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003635		mg/kg	N
DU-1	SA-114	SA114009-1BR	0-0	FD	SA114-1BR	12/16/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.008695		mg/kg	N
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00506		mg/kg	N
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003635		mg/kg	N
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.008695		mg/kg	N
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	7.75683E-06	7.75683E-06	mg/kg	Y
DU-1	SA-114	SA114-1.5BR	0-0.5	N	--	12/16/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.30669E-06	3.30669E-06	mg/kg	Y
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00591	0.00591	mg/kg	Y
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003645		mg/kg	N
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.009555	0.009555	mg/kg	Y
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.78124E-05	1.78124E-05	mg/kg	Y
DU-1	SA-114	SA114-1BR	0-0	N	--	12/16/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	8.20926E-06	8.20926E-06	mg/kg	Y
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.00285		mg/kg	N
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	1.85		mg/kg	N
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	1.295		mg/kg	N
DU-1	SA-12	SA12-0.5	0-0	N	--	11/10/2006	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	3.145		mg/kg	N
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00085699	0.00085699	mg/kg	Y
DU-1	SA-134	SA134-1.5BR	0-0.5	N	--	12/9/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.00043145	0.00043145	mg/kg	Y
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.002521123	0.002521123	mg/kg	Y
DU-1	SA-134	SA134-1BR	0-0	N	--	12/9/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.001249359	0.001249359	mg/kg	Y
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.005065		mg/kg	N
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003645		mg/kg	N
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.00871		mg/kg	N
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	2.87827E-06	2.87827E-06	mg/kg	Y
DU-1	SA-141	SA141009-14B	0-1.5	FD	SA141-14B	10/15/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.31765E-06	2.31765E-06	mg/kg	Y
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00506		mg/kg	N
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003645		mg/kg	N
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.008705		mg/kg	N
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.57877E-06	3.57877E-06	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	SA-141	SA141-14B	0-1.5	N	--	10/15/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.88083E-06	2.88083E-06	mg/kg	Y
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000106158	0.000106158	mg/kg	Y
DU-1	SA-145	SA145-0.5B	0-1.5	N	--	6/12/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	5.49067E-05	5.49067E-05	mg/kg	Y
DU-1	SA-150	SA150-1BR	0.5-1	N	--	12/15/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	5.40627E-06	5.40627E-06	mg/kg	Y
DU-1	SA-150	SA150-1BR	0.5-1	N	--	12/15/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.30696E-06	2.30696E-06	mg/kg	Y
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00504		mg/kg	N
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00363		mg/kg	N
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.00867		mg/kg	N
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.90499E-06	3.90499E-06	mg/kg	Y
DU-1	SA-151	SA151-0.5B	0.5-2	N	--	9/17/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.45387E-06	2.45387E-06	mg/kg	Y
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.004915		mg/kg	N
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.004575	0.004575	mg/kg	Y
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.00949	0.00949	mg/kg	Y
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	7.23809E-05	7.23809E-05	mg/kg	Y
DU-1	SA-152	SA152-0.5B	0-1.5	N	--	6/4/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.98492E-05	3.98492E-05	mg/kg	Y
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.004755		mg/kg	N
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003485		mg/kg	N
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.00824		mg/kg	N
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.87279E-06	3.87279E-06	mg/kg	Y
DU-1	SA-152	SA152009-0.5B	0-1.5	FD	SA152-0.5B	6/4/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	8.24156E-07	8.24156E-07	mg/kg	Y
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0102		mg/kg	N
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0073		mg/kg	N
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.0175		mg/kg	N
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	4.44956E-05	4.44956E-05	mg/kg	Y
DU-1	SA-157	SA157-0.5B	0.5-2	N	--	10/20/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.60065E-05	1.60065E-05	mg/kg	Y
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.006985	0.006985	mg/kg	Y
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003665		mg/kg	N
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.01065	0.01065	mg/kg	Y
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.69213E-05	3.69213E-05	mg/kg	Y
DU-1	SA-157	SA157009-0.5B	0.5-2	FD	SA157-0.5B	10/20/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.20079E-05	1.20079E-05	mg/kg	Y
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.033975	0.033975	mg/kg	Y
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.008385	0.008385	mg/kg	Y
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.04236	0.04236	mg/kg	Y
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000375017	0.000375017	mg/kg	Y
DU-1	SA-158	SA158-0.5B	0-1.5	N	--	6/17/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000194641	0.000194641	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.208	0.208	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.004905		mg/kg	N
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.004125	0.004125	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.00903	0.00903	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000546998	0.000546998	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.001071564	0.001071564	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.0026984	0.0026984	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.003338667	0.003338667	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.00224	0.00224	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.000363655	0.000363655	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.00276132	0.00276132	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.004606639	0.004606639	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.0000032		mg/kg	N
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.000644	0.000644	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.0008597	0.0008597	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.002399647	0.002399647	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.014641532	0.014641532	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.000598508	0.000598508	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.000164864	0.000164864	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	2.87538E-05	2.87538E-05	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	6.29853E-06	6.29853E-06	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	2.79222E-06	2.79222E-06	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	4.94047E-07	4.94047E-07	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	3.1546E-05	3.1546E-05	mg/kg	Y
DU-1	SA-166	SA166-0.5B	0.5-1.5	N	--	6/11/2009	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	6.79258E-06	6.79258E-06	mg/kg	Y
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1175		mg/kg	N
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.064		mg/kg	N
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1815		mg/kg	N
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.003306448	0.003306448	mg/kg	Y
DU-1	SA-167	SA167-0BPC	0.5-1	N	--	6/17/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.001625934	0.001625934	mg/kg	Y
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00508		mg/kg	N
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003655		mg/kg	N
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.008735		mg/kg	N
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.82466E-06	3.82466E-06	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	SA-171	SA171-5B	0-1.5	N	--	10/19/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.94697E-06	2.94697E-06	mg/kg	Y
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000783251	0.000783251	mg/kg	Y
DU-1	SA-173	SA173-0.5B	0.5-2	N	--	7/27/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000189181	0.000189181	mg/kg	Y
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000765896	0.000765896	mg/kg	Y
DU-1	SA-173	SA173009-0.5B	0.5-2	FD	SA173-0.5B	7/27/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000185012	0.000185012	mg/kg	Y
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.027		mg/kg	N
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.004905		mg/kg	N
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003555		mg/kg	N
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.00846		mg/kg	N
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.60578E-06	1.60578E-06	mg/kg	Y
DU-1	SA-176	SA176-0.5B	0-1	N	--	6/10/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.05836E-06	1.05836E-06	mg/kg	Y
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000151571	0.000151571	mg/kg	Y
DU-1	SA-179	SA179-0.5B	0.5-2	N	--	7/28/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	8.05924E-05	8.05924E-05	mg/kg	Y
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.004	0.004	mg/kg	Y
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	1.8		mg/kg	N
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	1.26		mg/kg	N
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	3.06		mg/kg	N
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.37943E-06	1.37943E-06	mg/kg	Y
DU-1	SA-18	SA18-0.5	0-1.5	N	--	11/15/2006	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	8.19252E-07	8.19252E-07	mg/kg	Y
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0027		mg/kg	N
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	1.75		mg/kg	N
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	1.225		mg/kg	N
DU-1	SA-18	SA18-0.5D	0-1.5	FD	SA18-0.5	11/15/2006	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	2.975		mg/kg	N
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.900095	0.900095	mg/kg	Y
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	1.466	1.466	mg/kg	Y
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.218380675	0.218380675	mg/kg	Y
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	1.684380675	1.684380675	mg/kg	Y
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.009207176	0.009207176	mg/kg	Y
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.019652983	0.019652983	mg/kg	Y
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.038025308	0.038025308	mg/kg	Y
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.02677619	0.02677619	mg/kg	Y
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.00828	0.00828	mg/kg	Y
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.001759355	0.001759355	mg/kg	Y
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.01166295	0.01166295	mg/kg	Y
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.03873969	0.03873969	mg/kg	Y
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.0002963	0.0002963	mg/kg	Y
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.002687	0.002687	mg/kg	Y
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.0043496	0.0043496	mg/kg	Y
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.047852145	0.047852145	mg/kg	Y
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.128528915	0.128528915	mg/kg	Y
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.011539725	0.011539725	mg/kg	Y
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.00136215	0.00136215	mg/kg	Y
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	7.50789E-05	7.50789E-05	mg/kg	Y
DU-1	SA-180	SA180-0.5B	0-0.5	N	--	6/26/2008	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	2.22425E-05	2.22425E-05	mg/kg	Y
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.7279	0.7279	mg/kg	Y
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.34468704	0.34468704	mg/kg	Y
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.046053175	0.046053175	mg/kg	Y
DU-1	SA-180	SA180-0.5BD	0-0.5	FD	SA180-0.5B	6/26/2008	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.390740215	0.390740215	mg/kg	Y
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.019285	0.019285	mg/kg	Y
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00694	0.00694	mg/kg	Y
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.026225	0.026225	mg/kg	Y
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	4.84016E-06	4.84016E-06	mg/kg	Y
DU-1	SA-185	SA185-0.5B	0.5-2	N	--	6/29/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.14745E-06	2.14745E-06	mg/kg	Y
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.3743	0.3743	mg/kg	Y
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0427	0.0427	mg/kg	Y
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.417	0.417	mg/kg	Y
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	5.7346E-05	5.7346E-05	mg/kg	Y
DU-1	SA-186	SA186-0.5B	0.5-2	N	--	6/29/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.06725E-05	3.06725E-05	mg/kg	Y
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00764	0.00764	mg/kg	Y
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00459	0.00459	mg/kg	Y
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.01223	0.01223	mg/kg	Y
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00332735	0.00332735	mg/kg	Y
DU-1	SA-189	SA189-0.5B	0.5-2	N	--	6/4/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.001117184	0.001117184	mg/kg	Y
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.00285		mg/kg	N
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	1.8		mg/kg	N
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	1.26		mg/kg	N
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	3.06		mg/kg	N
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000536974	0.000536974	mg/kg	Y
DU-1	SA-19	SA19-0.5	0-1.5	N	--	11/16/2006	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000268101	0.000268101	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.00285		mg/kg	N
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	1.85		mg/kg	N
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	1.295		mg/kg	N
DU-1	SA-20	SA20-0.5	0-1.5	N	--	11/16/2006	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	3.145		mg/kg	N
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0315		mg/kg	N
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	2.05		mg/kg	N
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	1.435		mg/kg	N
DU-1	SA-20	SA20-0.5D	0-1.5	FD	SA20-0.5	11/16/2006	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	3.485		mg/kg	N
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1175		mg/kg	N
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.064		mg/kg	N
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1815		mg/kg	N
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000261661	0.000261661	mg/kg	Y
DU-1	SA-200	SA200-0BPC	0.5-1	N	--	6/17/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000115446	0.000115446	mg/kg	Y
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000308407	0.000308407	mg/kg	Y
DU-1	SA-207	SA207-12BPC	0-0	N	--	4/13/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000148899	0.000148899	mg/kg	Y
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0027		mg/kg	N
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0345		mg/kg	N
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.02415		mg/kg	N
DU-1	SA-21	SA21-0.5	0.5-2	N	--	11/15/2006	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.05865		mg/kg	N
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0168	0.0168	mg/kg	Y
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00504		mg/kg	N
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00459	0.00459	mg/kg	Y
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.00963	0.00963	mg/kg	Y
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.31564E-05	1.31564E-05	mg/kg	Y
DU-1	SA-35	SA35-0.5B	0-0	N	--	6/10/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	5.17753E-06	5.17753E-06	mg/kg	Y
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.04235	0.04235	mg/kg	Y
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.008385	0.008385	mg/kg	Y
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.050735	0.050735	mg/kg	Y
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.5481E-05	1.5481E-05	mg/kg	Y
DU-1	SA-50	SA50-0.5B	0-0	N	--	6/30/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	6.21103E-06	6.21103E-06	mg/kg	Y
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00488		mg/kg	N
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003485		mg/kg	N
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.008365		mg/kg	N
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	9.57589E-07	9.57589E-07	mg/kg	Y
DU-1	SA-55	SA55-0.5B	0.5-1.5	N	--	6/10/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	6.23866E-07	6.23866E-07	mg/kg	Y
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	5.61475E-05	5.61475E-05	mg/kg	Y
DU-1	SA-62	SA62-0.5B	0.5-2	N	--	6/16/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.87176E-05	2.87176E-05	mg/kg	Y
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.2886	0.2886	mg/kg	Y
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.11728704	0.11728704	mg/kg	Y
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.020995535	0.020995535	mg/kg	Y
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.138282575	0.138282575	mg/kg	Y
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000176223	0.000176223	mg/kg	Y
DU-1	SA-67	SA67-0.5B	0.5-2	N	--	7/7/2008	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	7.08868E-05	7.08868E-05	mg/kg	Y
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0001535		mg/kg	N
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.001197	0.001197	mg/kg	Y
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.0013505	0.0013505	mg/kg	Y
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.43554E-05	1.43554E-05	mg/kg	Y
DU-1	SA-69	SA69-0.5B	0.5-2	N	--	7/7/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	7.72141E-06	7.72141E-06	mg/kg	Y
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.118		mg/kg	N
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.064		mg/kg	N
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.182		mg/kg	N
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.69999E-05	3.69999E-05	mg/kg	Y
DU-1	SA-70	SA70-0BPC	0.5-1	N	--	6/17/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.45561E-05	1.45561E-05	mg/kg	Y
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.02782	0.02782	mg/kg	Y
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.006915	0.006915	mg/kg	Y
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.034735	0.034735	mg/kg	Y
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000592585	0.000592585	mg/kg	Y
DU-1	SA-71	SA71-0.5B	0.5-2	N	--	6/16/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000319203	0.000319203	mg/kg	Y
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.64148E-05	3.64148E-05	mg/kg	Y
DU-1	SA-72	SA72-0.5B	0.5-2	N	--	7/27/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.66684E-05	2.66684E-05	mg/kg	Y
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.00285		mg/kg	N
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	7.89145E-06	7.89145E-06	mg/kg	Y
DU-1	SA-73	SA73-0.5B	0-1.5	N	--	7/29/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	4.11618E-06	4.11618E-06	mg/kg	Y
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.01535		mg/kg	N
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.01115		mg/kg	N
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.0265		mg/kg	N
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	2.45329E-05	2.45329E-05	mg/kg	Y
DU-1	SA-74	SA74-0.5B	0-1.5	N	--	7/15/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.22985E-05	1.22985E-05	mg/kg	Y
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.005105		mg/kg	N

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00368		mg/kg	N
DU-1	SA-74	SA74009-0.5B	0-1.5	FD	SA74-0.5B	7/15/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.008785		mg/kg	N
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00504		mg/kg	N
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00363		mg/kg	N
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.00867		mg/kg	N
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.002856705	0.002856705	mg/kg	Y
DU-1	SA-75	SA75-0.5B	0-1.5	N	--	7/17/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.001173274	0.001173274	mg/kg	Y
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1315		mg/kg	N
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0715		mg/kg	N
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.203		mg/kg	N
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	7.05466E-06	7.05466E-06	mg/kg	Y
DU-1	SA-75	SA75-0BPC	0-0	N	--	6/21/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.00798E-06	3.00798E-06	mg/kg	Y
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	4.19864E-06	4.19864E-06	mg/kg	Y
DU-1	SA-75	SA75-1BR	0.5-1	N	--	12/11/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.87595E-06	1.87595E-06	mg/kg	Y
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.066	0.066	mg/kg	Y
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.009365	0.009365	mg/kg	Y
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.005755	0.005755	mg/kg	Y
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.01512	0.01512	mg/kg	Y
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000246306	0.000246306	mg/kg	Y
DU-1	SA-85	SA85-0.5B	0.5-2	N	--	6/16/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000124317	0.000124317	mg/kg	Y
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.000219		mg/kg	N
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00090761	0.00090761	mg/kg	Y
DU-1	SA-87	SA87-0.5B	0.5-2	N	--	6/25/2008	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.00035731	0.00035731	mg/kg	Y
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.091	0.091	mg/kg	Y
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.05503	0.05503	mg/kg	Y
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00866	0.00866	mg/kg	Y
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.06369	0.06369	mg/kg	Y
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00328069	0.00328069	mg/kg	Y
DU-1	SA-92	SA92-0.5B	0-0	N	--	6/17/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.001323053	0.001323053	mg/kg	Y
DU-1	SA-92	SA92-1.5BR	0-0.5	N	--	12/15/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.40629E-06	3.40629E-06	mg/kg	Y
DU-1	SA-92	SA92-1.5BR	0-0.5	N	--	12/15/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.4135E-06	1.4135E-06	mg/kg	Y
DU-1	SA-92	SA92-1BR	0-0	N	--	12/15/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.02035E-05	1.02035E-05	mg/kg	Y
DU-1	SA-92	SA92-1BR	0-0	N	--	12/15/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	4.00745E-06	4.00745E-06	mg/kg	Y
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.136		mg/kg	N
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.073		mg/kg	N
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.209		mg/kg	N
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000432676	0.000432676	mg/kg	Y
DU-1	SSAI3-01	SSAI3-01-3BPC	0-0.5	N	--	4/16/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000202687	0.000202687	mg/kg	Y
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.00072		mg/kg	N
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1255		mg/kg	N
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0685		mg/kg	N
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.194		mg/kg	N
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.78675E-07	1.78675E-07	mg/kg	Y
DU-1	SSAI3-02	SSAI3-02-14BPC	0-0	N	--	8/7/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.30745E-07	1.30745E-07	mg/kg	Y
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.126		mg/kg	N
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0685		mg/kg	N
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1945		mg/kg	N
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	2.51327E-07	2.51327E-07	mg/kg	Y
DU-1	SSAI3-02	SSAI3-02-15BPC	0-1	N	--	8/7/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.61211E-07	1.61211E-07	mg/kg	Y
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.13		mg/kg	N
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0715		mg/kg	N
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.2015		mg/kg	N
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000050045	0.000050045	mg/kg	Y
DU-1	SSAI3-07	SSAI3-07-10BPC	0-0	N	--	8/31/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000024686	0.000024686	mg/kg	Y
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.129		mg/kg	N
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0695		mg/kg	N
DU-1	SSAJ2-02	SSAJ2-02-4BPC	0-0	N	--	4/26/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1985		mg/kg	N
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.129		mg/kg	N
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.07		mg/kg	N
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0-0.5	N	--	4/26/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.199		mg/kg	N
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.004485	0.004485	mg/kg	Y
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.121		mg/kg	N
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0655		mg/kg	N
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1865		mg/kg	N
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000244623	0.000244623	mg/kg	Y
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0-1	N	--	8/10/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000116266	0.000116266	mg/kg	Y
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.00618	0.00618	mg/kg	Y
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.126		mg/kg	N
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0685		mg/kg	N

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1945		mg/kg	N
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	8.58486E-05	8.58486E-05	mg/kg	Y
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0-0	N	--	8/10/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.85408E-05	3.85408E-05	mg/kg	Y
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1315		mg/kg	N
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0715		mg/kg	N
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.203		mg/kg	N
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.99854E-05	3.99854E-05	mg/kg	Y
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	N	--	2/11/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.96796E-05	1.96796E-05	mg/kg	Y
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1265		mg/kg	N
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0685		mg/kg	N
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.195		mg/kg	N
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	8.51264E-07	8.51264E-07	mg/kg	Y
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	N	--	2/9/2011	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.34812E-07	3.34812E-07	mg/kg	Y
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1245		mg/kg	N
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.068		mg/kg	N
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1925		mg/kg	N
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	7.7208E-07	7.7208E-07	mg/kg	Y
DU-1	SSAK3-02	SSAK3-02-1BPC	0-0	N	--	4/8/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.9183E-07	3.9183E-07	mg/kg	Y
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.118		mg/kg	N
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.064		mg/kg	N
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.182		mg/kg	N
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.003515528	0.003515528	mg/kg	Y
DU-1	SSAK4-01	SSAK4-01-0BPC	0-0.5	N	--	6/17/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.001703794	0.001703794	mg/kg	Y
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1255		mg/kg	N
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0685		mg/kg	N
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.194		mg/kg	N
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000580263	0.000580263	mg/kg	Y
DU-1	SSAK4-02	SSAK4-02-0BPC	0-0.5	N	--	8/31/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000293709	0.000293709	mg/kg	Y
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1315		mg/kg	N
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0715		mg/kg	N
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.203		mg/kg	N
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.001094956	0.001094956	mg/kg	Y
DU-1	SSAK4-02	SSAK4-02-1BPC	0.5-1.5	N	--	5/14/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000545278	0.000545278	mg/kg	Y
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.119		mg/kg	N
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0645		mg/kg	N
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	0-0	N	--	10/12/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1835		mg/kg	N
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1245		mg/kg	N
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.068		mg/kg	N
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	0-1	N	--	10/12/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1925		mg/kg	N
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.4895		mg/kg	N
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.267		mg/kg	N
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.7565		mg/kg	N
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.003358358	0.003358358	mg/kg	Y
DU-1	SSAK5-01	SSAK5-01-0BPC	0-0	N	--	6/21/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.001584604	0.001584604	mg/kg	Y
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	1.265		mg/kg	N
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.685		mg/kg	N
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	1.95		mg/kg	N
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00158248	0.00158248	mg/kg	Y
DU-1	SSAK5-01	SSAK5-01-1BPC	0.5-1.5	N	--	4/14/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.0007885	0.0007885	mg/kg	Y
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1315		mg/kg	N
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0715		mg/kg	N
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.203		mg/kg	N
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	9.68616E-05	9.68616E-05	mg/kg	Y
DU-1	SSAK5-03	SSAK5-03-1BPC	0.5-1.5	N	--	5/14/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.79428E-05	3.79428E-05	mg/kg	Y
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1275		mg/kg	N
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0685		mg/kg	N
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.196		mg/kg	N
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.38888E-06	1.38888E-06	mg/kg	Y
DU-1	SSAK5-05	SSAK5-05-9BPC	0-0	N	--	6/29/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	8.9144E-07	8.9144E-07	mg/kg	Y
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1325		mg/kg	N
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.072		mg/kg	N
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.2045		mg/kg	N
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000851459	0.000851459	mg/kg	Y
DU-1	SSAK6-03	SSAK6-03-3BPC	0-1	N	--	4/30/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000408627	0.000408627	mg/kg	Y
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.119		mg/kg	N
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0645		mg/kg	N
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1835		mg/kg	N
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	9.32991E-05	9.32991E-05	mg/kg	Y
DU-1	SSAK7-03	SSAK7-03-1BPC	0.5-1.5	N	--	4/21/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	4.43243E-05	4.43243E-05	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1315		mg/kg	N
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0715		mg/kg	N
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.203		mg/kg	N
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.001631828	0.001631828	mg/kg	Y
DU-1	SSAK8-02	SSAK8-02-1BPC	0.5-1.5	N	--	4/16/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000848614	0.000848614	mg/kg	Y
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.127		mg/kg	N
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0685		mg/kg	N
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1955		mg/kg	N
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	7.60613E-05	7.60613E-05	mg/kg	Y
DU-1	SSAK8-05	SSAK8-05-1BPC	0.5-1.5	N	--	4/27/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.59349E-05	3.59349E-05	mg/kg	Y
DU-1	SSAK8-06	SSAK8-06-3BPC	0-1	N	--	5/3/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00397479	0.00397479	mg/kg	Y
DU-1	SSAK8-06	SSAK8-06-3BPC	0-1	N	--	5/3/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.0019373	0.0019373	mg/kg	Y
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.2565	0.2565	mg/kg	Y
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0609		mg/kg	N
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.3174	0.3174	mg/kg	Y
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00549233	0.00549233	mg/kg	Y
DU-1	SSAK8-07	SSAK8-07-0BPC	0.5-1	N	--	8/13/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.00258039	0.00258039	mg/kg	Y
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1145		mg/kg	N
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.06145		mg/kg	N
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.17595		mg/kg	N
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000806297	0.000806297	mg/kg	Y
DU-1	SSAK8-09	SSAK8-09-0BPC	0-0	N	--	8/13/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000369281	0.000369281	mg/kg	Y
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.00079		mg/kg	N
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.42837E-06	1.42837E-06	mg/kg	Y
DU-1	SSAL3-05	SSAL3-05-1BPC	0.5-1.5	N	--	5/4/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	6.45682E-07	6.45682E-07	mg/kg	Y
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.113		mg/kg	N
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.06085		mg/kg	N
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.17385		mg/kg	N
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.001080475	0.001080475	mg/kg	Y
DU-1	SSAL3-07	SSAL3-07-0BPC	0-0	N	--	8/13/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000462935	0.000462935	mg/kg	Y
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.51832E-05	1.51832E-05	mg/kg	Y
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5-1.5	N	--	5/18/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	6.88604E-06	6.88604E-06	mg/kg	Y
DU-1	SSAL7-02	SSAL7-02-1BPC	0.5-1.5	N	--	4/21/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.13516E-05	1.13516E-05	mg/kg	Y
DU-1	SSAL7-02	SSAL7-02-1BPC	0.5-1.5	N	--	4/21/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	7.91813E-06	7.91813E-06	mg/kg	Y
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	9.5209E-07	9.5209E-07	mg/kg	Y
DU-1	SSAL8-01	SSAL8-01-1BPC	0-1	N	--	4/16/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	6.8187E-07	6.8187E-07	mg/kg	Y
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	4.3005	4.3005	mg/kg	Y
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1315		mg/kg	N
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0715		mg/kg	N
DU-1	SSAM3-01	SSAM3-01-2BPC	0-0	N	--	4/13/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.203		mg/kg	N
DU-1	SSAM3-01	SSAM3-01-3BPC	0-0.5	N	--	4/13/2010	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	1.5545	1.5545	mg/kg	Y
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.003038611	0.003038611	mg/kg	Y
DU-1	SSAM6-02	SSAM6-02-5BPC	0-0	N	--	5/17/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.001602943	0.001602943	mg/kg	Y
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.119		mg/kg	N
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0645		mg/kg	N
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1835		mg/kg	N
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000113953	0.000113953	mg/kg	Y
DU-1	SSAN5-04	SSAN5-04-0BPC	0-0	N	--	8/13/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000049948	0.000049948	mg/kg	Y
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.616	0.616	mg/kg	Y
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.245		mg/kg	N
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.861	0.861	mg/kg	Y
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000183035	0.000183035	mg/kg	Y
DU-1	SSAN6-03	SSAN6-03-0BPC	0-0	N	--	8/13/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	8.49625E-05	8.49625E-05	mg/kg	Y
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	8.99082E-05	8.99082E-05	mg/kg	Y
DU-1	SSAN6-03	SSAN6-03-1BPC	0.5-1.5	N	--	4/15/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	4.58076E-05	4.58076E-05	mg/kg	Y
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.121		mg/kg	N
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0655		mg/kg	N
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1865		mg/kg	N
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.001894711	0.001894711	mg/kg	Y
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	N	--	11/12/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000831123	0.000831123	mg/kg	Y
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.119		mg/kg	N
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0645		mg/kg	N
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1835		mg/kg	N
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000323159	0.000323159	mg/kg	Y
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	N	--	11/12/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000148432	0.000148432	mg/kg	Y
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1225		mg/kg	N
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0655		mg/kg	N
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.188		mg/kg	N
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	8.12109E-05	8.12109E-05	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	N	--	11/12/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.69347E-05	3.69347E-05	mg/kg	Y
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000297453	0.000297453	mg/kg	Y
DU-1	SSAN7-02	SSAN7-02-1BPC	0.5-1.5	N	--	4/12/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000117652	0.000117652	mg/kg	Y
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000340004	0.000340004	mg/kg	Y
DU-1	SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	FD	SSAN7-02-1BPC	4/12/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000116811	0.000116811	mg/kg	Y
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.119		mg/kg	N
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0645		mg/kg	N
DU-1	SSAN7-06	SSAN7-06-0BPC	0-0.5	N	--	9/7/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1835		mg/kg	N
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.119		mg/kg	N
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0645		mg/kg	N
DU-1	SSAN7-07	SSAN7-07-0BPC	0-0.5	N	--	9/7/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1835		mg/kg	N
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.132		mg/kg	N
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.072		mg/kg	N
DU-1	SSAO3-02	SSAO3-02-5BPC	0.5-1.5	N	--	6/23/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.204		mg/kg	N
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.3505	0.3505	mg/kg	Y
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0645		mg/kg	N
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.415	0.415	mg/kg	Y
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000349967	0.000349967	mg/kg	Y
DU-1	SSAO4-01	SSAO4-01-0BPC	0-0	N	--	8/13/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000125352	0.000125352	mg/kg	Y
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.862	0.862	mg/kg	Y
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1205	0.1205	mg/kg	Y
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.9825	0.9825	mg/kg	Y
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00030036	0.00030036	mg/kg	Y
DU-1	SSAO4-01	SSAO4-01-1BPC	0-0.5	N	--	4/14/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000125633	0.000125633	mg/kg	Y
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1265		mg/kg	N
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0685		mg/kg	N
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.195		mg/kg	N
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.83788E-05	1.83788E-05	mg/kg	Y
DU-1	SSAO4-02	SSAO4-02-3BPC	0-0	N	--	4/8/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	9.25065E-06	9.25065E-06	mg/kg	Y
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.163	0.163	mg/kg	Y
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.068		mg/kg	N
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.231	0.231	mg/kg	Y
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000286224	0.000286224	mg/kg	Y
DU-1	SSAO4-05	SSAO4-05-1BPC	0-0	N	--	4/29/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000130255	0.000130255	mg/kg	Y
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.168	0.168	mg/kg	Y
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0655		mg/kg	N
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.2335	0.2335	mg/kg	Y
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000333806	0.000333806	mg/kg	Y
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	0-0	FD	SSAO4-05-1BPC	4/29/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000140298	0.000140298	mg/kg	Y
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.133		mg/kg	N
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0725		mg/kg	N
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.2055		mg/kg	N
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000212696	0.000212696	mg/kg	Y
DU-1	SSAO7-01	SSAO7-01-1BPC	0-1	N	--	4/8/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	4.85606E-05	4.85606E-05	mg/kg	Y
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.129		mg/kg	N
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.069		mg/kg	N
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.198		mg/kg	N
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00015976	0.00015976	mg/kg	Y
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0-1	FD	SSAO7-01-1BPC	4/8/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	4.81186E-05	4.81186E-05	mg/kg	Y
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1245		mg/kg	N
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.068		mg/kg	N
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5-1.5	N	--	4/22/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1925		mg/kg	N
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.121		mg/kg	N
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0655		mg/kg	N
DU-1	SSAO7-04	SSAO7-04-0BPC	0-0.5	N	--	9/8/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1865		mg/kg	N
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.121		mg/kg	N
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0655		mg/kg	N
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1865		mg/kg	N
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000027752	0.000027752	mg/kg	Y
DU-1	SSAO7-06	SSAO7-06-0BPC	0-1	N	--	9/27/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000013725	0.000013725	mg/kg	Y
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.065		mg/kg	N
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	4.66901E-07	4.66901E-07	mg/kg	Y
DU-1	SSAO8-05	SSAO8-05-0BPC	0-1	N	--	9/27/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.84288E-07	1.84288E-07	mg/kg	Y
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1135		mg/kg	N
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0614		mg/kg	N
DU-1	SSAO8-08	SSAO8-08-0BPC	0-1	N	--	9/27/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1749		mg/kg	N
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.4975	0.4975	mg/kg	Y
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.2455		mg/kg	N
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.743	0.743	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.002430201	0.002430201	mg/kg	Y
DU-1	SSAP3-01	SSAP3-01-0BPC	0-0	N	--	8/13/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.001189613	0.001189613	mg/kg	Y
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1275		mg/kg	N
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0685		mg/kg	N
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.196		mg/kg	N
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000662217	0.000662217	mg/kg	Y
DU-1	SSAP3-01	SSAP3-01-1BPC	0-0.5	N	--	4/14/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000343171	0.000343171	mg/kg	Y
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.00285		mg/kg	N
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.005085		mg/kg	N
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00491	0.00491	mg/kg	Y
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.009995	0.009995	mg/kg	Y
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	4.02975E-06	4.02975E-06	mg/kg	Y
DU-2	RSAP7	RSAP7-0.5B	0.5-2	N	--	10/27/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.0662E-06	3.0662E-06	mg/kg	Y
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.00285		mg/kg	N
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.005085		mg/kg	N
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00366		mg/kg	N
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.008745		mg/kg	N
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	6.39545E-06	6.39545E-06	mg/kg	Y
DU-2	RSAQ6	RSAQ6-0.5B	0-0	N	--	9/11/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.4738E-06	3.4738E-06	mg/kg	Y
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.00285		mg/kg	N
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.005085		mg/kg	N
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00366		mg/kg	N
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.008745		mg/kg	N
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	2.91105E-06	2.91105E-06	mg/kg	Y
DU-2	RSAQ7	RSAQ7-0.5B	0.5-2	N	--	10/27/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.43411E-06	2.43411E-06	mg/kg	Y
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0027		mg/kg	N
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.004915		mg/kg	N
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003605		mg/kg	N
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.00852		mg/kg	N
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	4.95767E-07	4.95767E-07	mg/kg	Y
DU-2	RSAS3	RSAS3-0.5B	0.5-2	N	--	8/26/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.3276E-07	2.3276E-07	mg/kg	Y
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0027		mg/kg	N
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.004965		mg/kg	N
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00361		mg/kg	N
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.008575		mg/kg	N
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	4.22442E-07	4.22442E-07	mg/kg	Y
DU-2	RSAS3	RSAS3009-0.5B	0.5-2	FD	RSAS3-0.5B	8/26/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.21645E-07	1.21645E-07	mg/kg	Y
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0027		mg/kg	N
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00488		mg/kg	N
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00349		mg/kg	N
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.00837		mg/kg	N
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	2.64793E-07	2.64793E-07	mg/kg	Y
DU-2	RSAT6	RSAT6-0.5B	0.5-2	N	--	8/28/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.02286E-07	2.02286E-07	mg/kg	Y
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.02155	0.02155	mg/kg	Y
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.069415	0.069415	mg/kg	Y
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.006735	0.006735	mg/kg	Y
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.07615	0.07615	mg/kg	Y
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.15147E-05	1.15147E-05	mg/kg	Y
DU-2	RSAU4	RSAU4-0.5B	0.5-2	N	--	7/29/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	6.72334E-06	6.72334E-06	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.012	0.012	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.042195	0.042195	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00458	0.00458	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.046775	0.046775	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000441044	0.000441044	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.000563945	0.000563945	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.000974156	0.000974156	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.000801729	0.000801729	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.0036	0.0036	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.000759375	0.000759375	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.00062261	0.00062261	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.000802345	0.000802345	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.00001428	0.00001428	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.001126	0.001126	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.0008708	0.0008708	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.001299471	0.001299471	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.00964796	0.00964796	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.000261787	0.000261787	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.000291292	0.000291292	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	5.34832E-06	5.34832E-06	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.59095E-06	3.59095E-06	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	6.62388E-07	6.62388E-07	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	3.88548E-07	3.88548E-07	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	6.0107E-06	6.0107E-06	mg/kg	Y
DU-2	RSAU5	RSAU5-0.5B	0.5-2	N	--	8/5/2009	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	3.9795E-06	3.9795E-06	mg/kg	Y
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.167	0.167	mg/kg	Y
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.3716	0.3716	mg/kg	Y
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.02855	0.02855	mg/kg	Y
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.40015	0.40015	mg/kg	Y
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000141795	0.000141795	mg/kg	Y
DU-2	SA-103	SA103-0.5B	0.5-2.5	N	--	10/6/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000046011	0.000046011	mg/kg	Y
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00506		mg/kg	N
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003635		mg/kg	N
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.008695		mg/kg	N
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	9.5896E-08	9.5896E-08	mg/kg	Y
DU-2	SA-116	SA116-0.5B	0.5-2	N	--	9/2/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	5.4579E-08	5.4579E-08	mg/kg	Y
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0045	0.0045	mg/kg	Y
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.05391	0.05391	mg/kg	Y
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.005215	0.005215	mg/kg	Y
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.059125	0.059125	mg/kg	Y
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	2.76888E-05	2.76888E-05	mg/kg	Y
DU-2	SA-121	SA121-0.5B	0.5-2	N	--	9/25/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.06331E-05	1.06331E-05	mg/kg	Y
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.00875	0.00875	mg/kg	Y
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.019485	0.019485	mg/kg	Y
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003665		mg/kg	N
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.02315	0.02315	mg/kg	Y
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.84563E-05	1.84563E-05	mg/kg	Y
DU-2	SA-121	SA121009-0.5B	0.5-2	FD	SA121-0.5B	9/25/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000007346	0.000007346	mg/kg	Y
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0027		mg/kg	N
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00504		mg/kg	N
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003625		mg/kg	N
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.008665		mg/kg	N
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.8619E-06	3.8619E-06	mg/kg	Y
DU-2	SA-138	SA138-0.5B	0.5-2.5	N	--	10/6/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.85744E-06	2.85744E-06	mg/kg	Y
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.02056	0.02056	mg/kg	Y
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00363		mg/kg	N
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.02419	0.02419	mg/kg	Y
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	2.94615E-06	2.94615E-06	mg/kg	Y
DU-2	SA-146	SA146-0.5B	0.5-2	N	--	8/4/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.1417E-06	1.1417E-06	mg/kg	Y
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00522		mg/kg	N
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003735		mg/kg	N
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.008955		mg/kg	N
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.49106E-07	3.49106E-07	mg/kg	Y
DU-2	SA-147	SA147-0.5B	0.5-2	N	--	8/4/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.11379E-07	2.11379E-07	mg/kg	Y
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1205		mg/kg	N
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0645		mg/kg	N
DU-2	SA-156	SA156-1BPC	0.5-1.5	N	--	5/6/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.185		mg/kg	N
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0027		mg/kg	N
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.035		mg/kg	N
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0245		mg/kg	N
DU-2	SA-2	SA2-0.5	0.5-2	N	--	11/3/2006	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.0595		mg/kg	N
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.01555	0.01555	mg/kg	Y
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00361		mg/kg	N
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.01916	0.01916	mg/kg	Y
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	9.10422E-06	9.10422E-06	mg/kg	Y
DU-2	SA-212	SA212-0.5B	0.5-2	N	--	9/28/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	4.06598E-06	4.06598E-06	mg/kg	Y
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.098305	0.098305	mg/kg	Y
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.007605	0.007605	mg/kg	Y
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.10591	0.10591	mg/kg	Y
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	5.75541E-06	5.75541E-06	mg/kg	Y
DU-2	SA-28	SA28-0.5B	0.5-2	N	--	8/3/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	5.5892E-06	5.5892E-06	mg/kg	Y
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00661	0.00661	mg/kg	Y
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.003635		mg/kg	N
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.010245	0.010245	mg/kg	Y
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	5.88021E-07	5.88021E-07	mg/kg	Y
DU-2	SA-31	SA31-0.5B	0.5-2	N	--	9/9/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.64819E-07	3.64819E-07	mg/kg	Y
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0027		mg/kg	N
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.035		mg/kg	N
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0245		mg/kg	N

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.0595		mg/kg	N
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000367473	0.000367473	mg/kg	Y
DU-2	SA-7	SA7-0.5	0.5-2	N	--	11/20/2006	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000168619	0.000168619	mg/kg	Y
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.136	0.136	mg/kg	Y
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0685		mg/kg	N
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.2045	0.2045	mg/kg	Y
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.70996E-05	1.70996E-05	mg/kg	Y
DU-2	SSAQ5-07	SSAQ5-07-1BPC	0-0.5	N	--	8/31/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	7.83047E-06	7.83047E-06	mg/kg	Y
DU-2	SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	N	--	8/31/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	2.12376E-05	2.12376E-05	mg/kg	Y
DU-2	SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	N	--	8/31/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	9.73559E-06	9.73559E-06	mg/kg	Y
DU-2	SSAQ6-01	SSAQ6-01-1BPC	0-0.5	N	--	8/30/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.07862E-06	3.07862E-06	mg/kg	Y
DU-2	SSAQ6-01	SSAQ6-01-1BPC	0-0.5	N	--	8/30/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.48661E-06	1.48661E-06	mg/kg	Y
DU-2	SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	N	--	8/30/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	8.78605E-07	8.78605E-07	mg/kg	Y
DU-2	SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	N	--	8/30/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.9545E-07	3.9545E-07	mg/kg	Y
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.04165		mg/kg	N
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.233	0.233	mg/kg	Y
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.119		mg/kg	N
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.352	0.352	mg/kg	Y
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.08862E-07		mg/kg	N
DU-2	TSB-GJ-03	TSB-GJ-03-0	0-1.5	N	--	11/19/2007	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.8874E-07		mg/kg	N
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	1.56345	1.56345	mg/kg	Y
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.18		mg/kg	N
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.126		mg/kg	N
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.306		mg/kg	N
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	4.45325E-07	4.45325E-07	mg/kg	Y
DU-2	TSB-GJ-04	TSB-GJ-04-0	0-1.5	N	--	11/19/2007	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	3.07875E-07	3.07875E-07	mg/kg	Y
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.000541		mg/kg	N
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.17		mg/kg	N
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.119		mg/kg	N
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.289		mg/kg	N
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.54805E-07		mg/kg	N
DU-2	TSB-GJ-05	TSB-GJ-05-0	0-1.5	N	--	11/19/2007	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.35044E-07		mg/kg	N
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.005891	0.005891	mg/kg	Y
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.17		mg/kg	N
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.119		mg/kg	N
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.289		mg/kg	N
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	2.47188E-06	2.47188E-06	mg/kg	Y
DU-2	TSB-GR-02	TSB-GR-02-0	0-1.5	N	--	11/19/2007	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	6.90855E-07	6.90855E-07	mg/kg	Y
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.095945	0.095945	mg/kg	Y
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.175		mg/kg	N
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1225		mg/kg	N
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.2975		mg/kg	N
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	5.0115E-06	5.0115E-06	mg/kg	Y
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0-1.5	FD	TSB-GR-02-0	11/19/2007	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.4686E-06	1.4686E-06	mg/kg	Y
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.129		mg/kg	N
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0695		mg/kg	N
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1985		mg/kg	N
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.67494E-05	3.67494E-05	mg/kg	Y
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	N	--	8/25/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.64122E-05	1.64122E-05	mg/kg	Y
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.123		mg/kg	N
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.066		mg/kg	N
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.189		mg/kg	N
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000049395	0.000049395	mg/kg	Y
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	FD	BDT-2-N-10-6BPC	8/25/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000023051	0.000023051	mg/kg	Y
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.124		mg/kg	N
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.068		mg/kg	N
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.192		mg/kg	N
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00010738	0.00010738	mg/kg	Y
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	N	--	8/25/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	5.33715E-05	5.33715E-05	mg/kg	Y
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1225		mg/kg	N
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0655		mg/kg	N
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.188		mg/kg	N
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000186172	0.000186172	mg/kg	Y
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	N	--	8/25/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	9.52947E-05	9.52947E-05	mg/kg	Y
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.129		mg/kg	N
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.069		mg/kg	N
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.198		mg/kg	N
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000081729	0.000081729	mg/kg	Y
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	N	--	8/25/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000040786	0.000040786	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.129		mg/kg	N
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0695		mg/kg	N
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1985		mg/kg	N
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.37317E-05	1.37317E-05	mg/kg	Y
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	0-0	N	--	8/25/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	4.8651E-06	4.8651E-06	mg/kg	Y
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.125		mg/kg	N
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.068		mg/kg	N
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.193		mg/kg	N
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	2.93679E-05	2.93679E-05	mg/kg	Y
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	0-1	N	--	8/25/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.35976E-05	1.35976E-05	mg/kg	Y
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1245		mg/kg	N
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.068		mg/kg	N
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1925		mg/kg	N
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000475843	0.000475843	mg/kg	Y
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	0-1	N	--	8/26/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000230429	0.000230429	mg/kg	Y
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1265		mg/kg	N
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0685		mg/kg	N
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.195		mg/kg	N
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000293218	0.000293218	mg/kg	Y
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	0-0	N	--	8/26/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000130864	0.000130864	mg/kg	Y
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.129		mg/kg	N
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.07		mg/kg	N
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.199		mg/kg	N
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000310826	0.000310826	mg/kg	Y
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	0-1	N	--	8/26/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.00014135	0.00014135	mg/kg	Y
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1235		mg/kg	N
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.068		mg/kg	N
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1915		mg/kg	N
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	9.72859E-05	9.72859E-05	mg/kg	Y
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	0-0	N	--	8/26/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	4.47217E-05	4.47217E-05	mg/kg	Y
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1255		mg/kg	N
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0685		mg/kg	N
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.194		mg/kg	N
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000109551	0.000109551	mg/kg	Y
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	FD	BDT-2-S-20-6BPC	8/26/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	4.93472E-05	4.93472E-05	mg/kg	Y
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.126		mg/kg	N
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0685		mg/kg	N
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1945		mg/kg	N
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00025456	0.00025456	mg/kg	Y
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	0-1	N	--	8/26/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000108976	0.000108976	mg/kg	Y
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.1315		mg/kg	N
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0715		mg/kg	N
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.203		mg/kg	N
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000198209	0.000198209	mg/kg	Y
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	0-1	N	--	8/26/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	8.49867E-05	8.49867E-05	mg/kg	Y
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.00285		mg/kg	N
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.018715	0.018715	mg/kg	Y
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.005855	0.005855	mg/kg	Y
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.02457	0.02457	mg/kg	Y
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000604805	0.000604805	mg/kg	Y
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.000816379	0.000816379	mg/kg	Y
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.000749006	0.000749006	mg/kg	Y
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.000594073	0.000594073	mg/kg	Y
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.000028	0.000028	mg/kg	Y
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.000126		mg/kg	N
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.00037305	0.00037305	mg/kg	Y
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.00087805	0.00087805	mg/kg	Y
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.0000198	0.0000198	mg/kg	Y
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.0000264	0.0000264	mg/kg	Y
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.0001321	0.0001321	mg/kg	Y
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.00061685	0.00061685	mg/kg	Y
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.00371745	0.00371745	mg/kg	Y
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.0011157	0.0011157	mg/kg	Y
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.0004015	0.0004015	mg/kg	Y
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	3.15282E-07	3.15282E-07	mg/kg	Y
DU-3	SA-128	SA128-10B	0-1.5	N	--	9/16/2009	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	1.38057E-07	1.38057E-07	mg/kg	Y
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.127	0.127	mg/kg	Y
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	1.95		mg/kg	N
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	1.365		mg/kg	N

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
DU-3	SA-15	SA15-10	0-0.5	N	--	11/8/2006	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	3.315		mg/kg	N
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	1.8		mg/kg	N
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	1.26		mg/kg	N
DU-3	SA-15	SA15-10D	0-0.5	FD	SA15-10	11/8/2006	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	3.06		mg/kg	N
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0027		mg/kg	N
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	1.75		mg/kg	N
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	1.225		mg/kg	N
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	2.975		mg/kg	N
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.001683478	0.001683478	mg/kg	Y
DU-3	SA-16	SA16-0.5	0-0	N	--	11/9/2006	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000894102	0.000894102	mg/kg	Y
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.125		mg/kg	N
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.068		mg/kg	N
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.193		mg/kg	N
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.004260156	0.004260156	mg/kg	Y
DU-3	SA-175	SA175-8BPC	0.5-1.5	N	--	5/6/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.002081288	0.002081288	mg/kg	Y
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00507		mg/kg	N
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00365		mg/kg	N
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.00872		mg/kg	N
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000177336	0.000177336	mg/kg	Y
DU-3	SA-197	SA197-0.5B	0-1.5	N	--	6/19/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	9.91366E-05	9.91366E-05	mg/kg	Y
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.02925		mg/kg	N
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0211		mg/kg	N
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.05035		mg/kg	N
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	5.30411E-05	5.30411E-05	mg/kg	Y
DU-3	SA-49	SA49-1.5BR	0.5-0.5	N	--	12/15/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	2.34793E-05	2.34793E-05	mg/kg	Y
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00505		mg/kg	N
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.00363		mg/kg	N
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.00868		mg/kg	N
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000715598	0.000715598	mg/kg	Y
DU-3	SA-64	SA64-0.5B	0-1.5	N	--	6/19/2009	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000361182	0.000361182	mg/kg	Y
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.00508		mg/kg	N
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.006305	0.006305	mg/kg	Y
DU-3	SA-65	SA65-10B	0-0	N	--	8/25/2009	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.011385	0.011385	mg/kg	Y
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.4175	0.4175	mg/kg	Y
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.079	0.079	mg/kg	Y
DU-3	SA-86	SA86-3BPC	0-0	N	--	4/13/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.4965	0.4965	mg/kg	Y
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.119		mg/kg	N
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.0645		mg/kg	N
DU-3	SA-86	SA86-4BPC	0-0.5	N	--	4/13/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1835		mg/kg	N
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5-1.5	N	--	5/4/2010	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.09565	0.09565	mg/kg	Y
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.125		mg/kg	N
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.068		mg/kg	N
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.193		mg/kg	N
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000356942	0.000356942	mg/kg	Y
DU-3	SSAM7-04	SSAM7-04-1BPC	0-0	N	--	4/12/2010	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000169884	0.000169884	mg/kg	Y
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0005415		mg/kg	N
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.17		mg/kg	N
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.119		mg/kg	N
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.289		mg/kg	N
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.33354E-07		mg/kg	N
DU-3	TSB-GJ-02	TSB-GJ-02-0	0-1.5	N	--	11/19/2007	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.96047E-07		mg/kg	N
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0005525		mg/kg	N
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.175		mg/kg	N
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1225		mg/kg	N
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.2975		mg/kg	N
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	2.81638E-07		mg/kg	N
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	FD	TSB-GJ-02-0	11/19/2007	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.78974E-07		mg/kg	N
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.003		mg/kg	N
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0205		mg/kg	N
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1233		mg/kg	N
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1438		mg/kg	N
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000005004	0.000005004	mg/kg	Y
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	5.52518E-06	5.52518E-06	mg/kg	Y
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	6.99935E-06	6.99935E-06	mg/kg	Y
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	8.65097E-06	8.65097E-06	mg/kg	Y
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.000065	0.000065	mg/kg	Y
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.0000093	0.0000093	mg/kg	Y
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.000009488	0.000009488	mg/kg	Y
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	7.7415E-06	7.7415E-06	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.000000545	0.000000545	mg/kg	Y
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.0000219	0.0000219	mg/kg	Y
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.00001069	0.00001069	mg/kg	Y
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.00000689		mg/kg	N
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.00014022	0.00014022	mg/kg	Y
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.000005705	0.000005705	mg/kg	Y
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.00000296	0.00000296	mg/kg	Y
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.50213E-06	3.50213E-06	mg/kg	Y
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.44018E-06	1.44018E-06	mg/kg	Y
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	3.78637E-08	3.78637E-08	mg/kg	Y
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	2.45754E-08	2.45754E-08	mg/kg	Y
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	3.53999E-06	3.53999E-06	mg/kg	Y
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	1-1.5	N	--	9/26/2018	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	1.46476E-06	1.46476E-06	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.00465	0.00465	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.02		mg/kg	N
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1225		mg/kg	N
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1425		mg/kg	N
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	5.45753E-05	5.45753E-05	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	9.04216E-05	9.04216E-05	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.000188073	0.000188073	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.000295918	0.000295918	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.0026	0.0026	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.00003097	0.00003097	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.0003194	0.0003194	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.00027241	0.00027241	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.0000082	0.0000082	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.00089	0.00089	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.000432	0.000432	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.00017495	0.00017495	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.004821058	0.004821058	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.000063823	0.000063823	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	2.93045E-05	2.93045E-05	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.000050242	0.000050242	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000025345	0.000025345	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	8.9071E-07	8.9071E-07	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	4.72482E-07	4.72482E-07	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	5.11327E-05	5.11327E-05	mg/kg	Y
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	1-1.5	N	--	9/24/2018	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	2.58175E-05	2.58175E-05	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.003		mg/kg	N
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0205		mg/kg	N
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1233		mg/kg	N
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1438		mg/kg	N
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	2.09246E-05	2.09246E-05	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	3.1216E-05	3.1216E-05	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	5.71002E-05	5.71002E-05	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	7.87268E-05	7.87268E-05	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.00072	0.00072	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.000013135	0.000013135	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.00008248	0.00008248	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.00007582	0.00007582	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.00000351	0.00000351	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.000215	0.000215	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.0000946	0.0000946	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.0000564	0.0000564	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.001298264	0.001298264	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.000023226	0.000023226	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.000014093	0.000014093	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.86735E-05	1.86735E-05	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.00001203	0.00001203	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	2.96781E-07	2.96781E-07	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	1.39537E-07	1.39537E-07	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	1.89703E-05	1.89703E-05	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	1.21695E-05	1.21695E-05	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.003		mg/kg	N
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0205		mg/kg	N
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1233		mg/kg	N
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1438		mg/kg	N
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000113299	0.000113299	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.00015345	0.00015345	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.000277444	0.000277444	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.000240882	0.000240882	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.0013	0.0013	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.00021556	0.00021556	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.00017346	0.00017346	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.00027796	0.00027796	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.000204	0.000204	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.0004	0.0004	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.0001865	0.0001865	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.000343075	0.000343075	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.003236558	0.003236558	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	8.76575E-05	8.76575E-05	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.000048345	0.000048345	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	2.22508E-05	2.22508E-05	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.14414E-05	1.14414E-05	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	4.3511E-07	4.3511E-07	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	1.07058E-07	1.07058E-07	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	2.26859E-05	2.26859E-05	mg/kg	Y
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	1-1.5	FD	RISB-EJ-03-1.0-20180925	9/25/2018	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	1.15485E-05	1.15485E-05	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0238	0.0238	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0215		mg/kg	N
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.13285	0.13285	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.15435	0.15435	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	0.000167652	0.000167652	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	0.000274165	0.000274165	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	0.000568414	0.000568414	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.000876462	0.000876462	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.0089	0.0089	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.00012315	0.00012315	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.0009405	0.0009405	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.0008009	0.0008009	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.000034	0.000034	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.00292	0.00292	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.001262	0.001262	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.00054295	0.00054295	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.015797675	0.015797675	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.000188365	0.000188365	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.00008581	0.00008581	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	0.00026475	0.00026475	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	0.000138879	0.000138879	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	2.66727E-06	2.66727E-06	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	1.42059E-06	1.42059E-06	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	0.000267417	0.000267417	mg/kg	Y
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	0.000140299	0.000140299	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.0032		mg/kg	N
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0205		mg/kg	N
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1288		mg/kg	N
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1493		mg/kg	N
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	3.13632E-05	3.13632E-05	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	3.20416E-05	3.20416E-05	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	3.91968E-05	3.91968E-05	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	4.33695E-05	4.33695E-05	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.00029	0.00029	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.000033825	0.000033825	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.00004204	0.00004204	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.000043635	0.000043635	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.0000123	0.0000123	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.000094	0.000094	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.0000468	0.0000468	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.00004043	0.00004043	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.000662052	0.000662052	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.000026857	0.000026857	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.000032165	0.000032165	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	8.2779E-06	8.2779E-06	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	4.1886E-06	4.1886E-06	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	1.45672E-07	1.45672E-07	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	2.49554E-08	2.49554E-08	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	8.42357E-06	8.42357E-06	mg/kg	Y
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	4.21356E-06	4.21356E-06	mg/kg	Y

Table D-2. Operations Area and Parcel E SLERA Dataset for Ramboll Calculated Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Sample Location	Sample Name	Depth (feet)	Sample Type	Parent Sample Name	Sample Date	Method Group	Chemical Name	CASRN	Result (a)	Detected Result	Units	Detect Flag
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.00465	0.00465	mg/kg	Y
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0205		mg/kg	N
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1233		mg/kg	N
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1438		mg/kg	N
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	1.81243E-05	1.81243E-05	mg/kg	Y
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	2.73258E-05	2.73258E-05	mg/kg	Y
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	5.33076E-05	5.33076E-05	mg/kg	Y
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	8.25389E-05	8.25389E-05	mg/kg	Y
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.00098	0.00098	mg/kg	Y
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.00001045		mg/kg	N
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.00008824	0.00008824	mg/kg	Y
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.0000735	0.0000735	mg/kg	Y
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.0000063	0.0000063	mg/kg	Y
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.000296	0.000296	mg/kg	Y
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.0001289	0.0001289	mg/kg	Y
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.000051289	0.000051289	mg/kg	Y
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.001666257	0.001666257	mg/kg	Y
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	1.88285E-05	1.88285E-05	mg/kg	Y
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.000012749	0.000012749	mg/kg	Y
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	3.02201E-05	3.02201E-05	mg/kg	Y
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	1.62583E-05	1.62583E-05	mg/kg	Y
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	3.67343E-07	3.67343E-07	mg/kg	Y
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	2.27204E-07	2.27204E-07	mg/kg	Y
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	3.05874E-05	3.05874E-05	mg/kg	Y
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	1-1.5	N	--	9/24/2018	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	1.64855E-05	1.64855E-05	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	OCPs	Calculated DDx (ND=0.5DL)	REH DDx (0.5L)	0.003		mg/kg	N
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Ramboll Calculated HMW PAHs (ND=0.5DL)	HMWPAHs(0.5L)	0.0205		mg/kg	N
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Ramboll Calculated LMW PAHs (ND=0.5DL)	LMWPAHs(0.5L)	0.1233		mg/kg	N
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PAHs	Ramboll Calculated Total PAHs (ND=0.5DL)	TPAHs(0.5L)	0.1438		mg/kg	N
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Aroclor-1242 (REH ND=0.5DL)	53469-21-9 (REH ND=0.5DL)	1.22647E-05	1.22647E-05	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Aroclor-1248 (REH ND=0.5DL)	12672-29-6 (REH ND=0.5DL)	1.69399E-05	1.69399E-05	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Aroclor-1254 (REH ND=0.5DL)	11097-69-1 (REH ND=0.5DL)	2.74043E-05	2.74043E-05	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Aroclor-1260 (REH ND=0.5DL)	11096-82-5 (REH ND=0.5DL)	0.000038727	0.000038727	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	2051-24-3 (REH ND=0.5DL)	0.00034	0.00034	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25512-42-9 (REH ND=0.5DL)	0.000009565	0.000009565	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	28655-71-2 (REH ND=0.5DL)	0.000040815	0.000040815	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26601-64-9 (REH ND=0.5DL)	0.000036035	0.000036035	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	27323-18-8 (REH ND=0.5DL)	0.0000025	0.0000025	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	53742-07-7 (REH ND=0.5DL)	0.000113	0.000113	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	55722-26-4 (REH ND=0.5DL)	0.0000547	0.0000547	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25429-29-2 (REH ND=0.5DL)	0.00002603	0.00002603	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	REH TPCB (ND=0.5DL)	0.000645962	0.000645962	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	26914-33-0 (REH ND=0.5DL)	0.000014996	0.000014996	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	PCBs	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	25323-68-6 (REH ND=0.5DL)	0.000008321	0.000008321	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	D/F TEQ-A(0.5L)	1.99395E-05	1.99395E-05	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	D/F TEQ-M(0.5L)	8.5492E-06	8.5492E-06	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	PCB TEQ-A (ND=0.5DL)	1.34015E-07	1.34015E-07	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	PCB TEQ-M (ND=0.5DL)	5.44543E-08	5.44543E-08	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated Total Avian TEQ (D/F and PCBs) (ND=0.5DL)	REH tTEQ-A (ND=0.5DL)	2.00735E-05	2.00735E-05	mg/kg	Y
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	1-1.5	N	--	9/25/2018	TEQs	Ramboll Calculated Total Mammal TEQ (D/F and PCBs) (ND=0.5 DL)	REH tTEQ-M (ND=0.5DL)	8.60365E-06	8.60365E-06	mg/kg	Y

Notes:
a. Non-detect results for individual compounds included in calculated parameters as 1/2 the sample quantitation limit. Individual calculations are presented in subsequent Appendix D tables.

-- = data not available or not applicable
CASRN = Chemical Abstract Service Registration Number
D/F = Dioxins and furans
DDD = Dichlorodiphenyldichloroethylene
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and its major metabolites, DDD and DDE
DU = Ecological Decision Unit
HMW = High molecular weight
LMW = Low molecular weight
FD = Field Duplicate
mg/kg = Milligrams per kilogram
N = Normal (Sample Type) and Not Detected (Detect Flag)
ND = nondetect
OCPs = Organochlorine pesticides
PAHs = Polycyclic aromatic hydrocarbons
PCBs = Polychlorinated biphenyls
REH = Ramboll Environment and Health
SLERA = Screening level ecological risk assessment
TEQ = Toxicity equivalents quotient
Y = Yes

APPENDIX D-3
OPERATIONS AREA AND PARCEL E DIOXIN/FURAN AND PCB TOXIC EQUIVALENCY QUOTIENT CALCULATIONS

Table D-3 Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-1 BDT-3-N-10-4BPC		DU-1 BDT-3-N-10-4BPC_FD		DU-1 BDT-3-N-5-2BPC		DU-1 BDT-3-S-10-2BPC		DU-1 BDT-3-S-5-2BPC		DU-1 BDT-3-S-5-4BPC		DU-1 CS-C05A-1		DU-1 CS-C07B-1		DU-1 CS-C10A-1		DU-1 CS-C10B-1		DU-1 CS-D02-1	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.000024	1	0.000029	1	0.000024	1	0.00053	1	0.00022	1	0.00018	1	0.0000026	1	0.0000047	1	0.000016	1	0.00013	1	0.000085	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.000021	1	0.000026	1	0.000022	1	0.0006	1	0.00022	1	0.00018	1	0.0000015	1	0.0000026	1	0.000016	1	0.00013	1	0.000067	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.0000031	1	0.0000036	1	0.0000032	1	0.00011	1	0.00004	1	0.00003	1	0.00000021	1	0.00000027	1	0.000002	1	0.000015	1	0.0000083	1
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.0000063	1	0.0000073	1	0.000006	1	0.00019	1	0.000066	1	0.000057	1	0.00000048	1	0.00000069	1	0.0000045	1	0.000034	1	0.000018	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.0000048	1	0.000006	1	0.0000056	1	0.00017	1	0.00006	1	0.00005	1	0.00000043	1	0.00000061	1	0.0000039	1	0.000023	1	0.000019	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.0000044	1	0.0000047	1	0.0000038	1	0.00014	1	0.000047	1	0.000046	1	0.00000028	1	0.00000053	1	0.0000033	1	0.000023	1	0.000013	1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.0000014	1	0.0000016	1	0.000001	1	0.000034	1	0.000012	1	0.000013	1	0.000000098	1	0.00000025	1	0.00000091	1	0.0000091	1	0.0000042	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.00072	1	0.00089	1	0.00082	1	0.022	1	0.01	1	0.0067	1	0.00005	1	0.000095	1	0.00039	1	0.0035	1	0.0029	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.00028	1	0.00034	1	0.00029	1	0.0078	1	0.003	1	0.0025	1	0.000019	1	0.000033	1	0.00013	1	0.0013	1	0.00088	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.0001	1	0.00013	1	0.00014	1	0.0037	1	0.0014	1	0.0012	1	0.0000066	1	0.000013	1	0.000054	1	0.0006	1	0.00035	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.000095	1	0.00012	1	0.00012	1	0.0032	1	0.0011	1	0.0011	1	0.0000078	1	0.000013	1	0.00007	1	0.00057	1	0.00042	1
1,2,3,6,7,8-Hexachlorodibenzofuran	0.000076	1	0.000091	1	0.000075	1	0.0021	1	0.0007	1	0.00067	1	0.0000051	1	0.0000084	1	0.000034	1	0.00038	1	0.00023	1
1,2,3,7,8,9-Hexachlorodibenzofuran	0.000013	1	0.000017	1	0.000015	1	0.00034	1	0.00014	1	0.00014	1	0.00000086	1	0.0000015	1	0.000005	1	0.00012	1	0.000042	1
1,2,3,7,8-Pentachlorodibenzofuran	0.000051	1	0.000068	1	0.000053	1	0.0017	1	0.00054	1	0.00053	1	0.0000036	1	0.0000059	1	0.000029	1	0.00029	1	0.00017	1
2,3,4,6,7,8-Hexachlorodibenzofuran	0.000016	1	0.00002	1	0.000016	1	0.0004	1	0.00013	1	0.00012	1	0.0000011	1	0.0000017	1	0.0000095	1	0.000097	1	0.000065	1
2,3,4,7,8-Pentachlorodibenzofuran	0.000028	1	0.000035	1	0.00003	1	0.00088	1	0.0003	1	0.00027	1	0.0000019	1	0.0000034	1	0.000016	1	0.00017	1	0.000095	1
2,3,7,8-Tetrachlorodibenzofuran	0.000029	1	0.000035	1	0.000025	1	0.00085	1	0.0003	1	0.00031	1	0.0000016	1	0.0000026	1	0.000017	1	0.00015	1	0.000098	1
PCB-077 (3,3',4,4'-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-081 (3,4,4',5-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-105 (2,3,3',4,4'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-114 (2,3,4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-118 (2,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-123 (2,3',4,4',5'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-126 (3,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-167 (2,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-169 (3,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-189 (2,3,3',4,4',5,5'-HpCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	4.42832E-05	1	5.40657E-05	1	4.67432E-05	1	0.001352759	1	0.000468066	1	0.000444464	1	3.10078E-06	1	5.36991E-06	1	2.65918E-05	1	0.000252089	1	0.000154696	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	9.24934E-05	1	0.000113571	1	9.28864E-05	1	0.002820253	1	0.000973902	1	0.000939938	1	6.04506E-06	1	1.0384E-05	1	5.43916E-05	1	0.000520683	1	0.000318061	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-1 CS-D10-1		DU-1 CS-D23-2		DU-1 CS-DC-1		DU-1 CS-DC-4		DU-1 CS-E14C-1		DU-1 DS-D27-1		DU-1 DS-DB-1		DU-1 DS-DB-2		DU-1 DSPE-1-0.5-20180919		DU-1 DSPE-1-0.5-20180919-FD		DU-1 DSPE-2-0.5-20180919	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.0000017	0	0.0000086	1	0.00035	1	0.000002	1	0.0000036	1	0.0016	1	0.0038	1	0.001	1	0.00011	1	0.000094	1	0.000043	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.00000075	0	0.00001	1	0.00024	1	0.0000014	1	0.0000011	1	0.00064	1	0.0038	1	0.0011	1	0.000094	1	0.000079	1	0.000036	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.00000125	0	0.0000009	1	0.0000325	0	0.0000003	1	0.00000025	1	0.000075	1	0.00061	1	0.000099	1	0.000014	1	0.000012	1	0.0000057	1
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.0000009	0	0.0000024	1	0.0001	1	0.00000049	1	0.0000004	1	0.00018	1	0.0011	1	0.00035	1	0.000028	1	0.000053	1	0.000015	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.00000085	0	0.0000016	1	0.000099	1	0.00000036	1	0.00000028	1	0.00012	1	0.00099	1	0.00035	1	0.000027	1	0.000037	1	0.000013	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.00000175	0	0.0000012	1	0.00000405	0	0.000000155	0	0.00000024	0	0.00011	1	0.0007	1	0.00017	1	0.000015	1	0.000014	1	0.0000057	1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.00000095	0	0.00000042	1	0.000043	0	0.000000075	0	0.00000009	0	0.000031	1	0.00026	1	0.000035	1	0.000005	1	0.0000045	1	0.000002	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.000022	1	0.00016	1	0.015	1	0.000039	1	0.000033	1	0.025	1	0.1	1	0.012	1	0.0041	1	0.0033	1	0.0016	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.0000098	1	0.000065	1	0.0042	1	0.000016	1	0.000011	1	0.0055	1	0.027	1	0.0032	1	0.0015	1	0.0012	1	0.00061	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.0000031	1	0.000027	1	0.0021	1	0.0000061	1	0.0000067	1	0.0021	1	0.011	1	0.00083	1	0.00058	1	0.00045	1	0.00022	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.0000053	1	0.000024	1	0.0018	1	0.0000058	1	0.0000063	1	0.0027	1	0.014	1	0.0018	1	0.00051	1	0.00038	1	0.00018	1
1,2,3,6,7,8-Hexachlorodibenzofuran	0.0000027	1	0.000015	1	0.0016	1	0.0000032	1	0.0000028	1	0.0015	1	0.0075	1	0.0011	1	0.00038	1	0.0003	1	0.00014	1
1,2,3,7,8,9-Hexachlorodibenzofuran	0.0000013	0	0.0000036	1	0.00031	1	0.00000067	1	0.00000029	0	0.00017	1	0.0011	1	0.00011	1	0.000062	1	0.000051	1	0.000027	1
1,2,3,7,8-Pentachlorodibenzofuran	0.0000016	0	0.000012	1	0.00064	1	0.0000029	1	0.0000028	1	0.0012	1	0.0074	1	0.0011	1	0.00025	1	0.0002	1	0.00009	1
2,3,4,6,7,8-Hexachlorodibenzofuran	0.00000105	0	0.0000039	1	0.00037	1	0.00000068	1	0.00000062	1	0.00044	1	0.0017	1	0.00029	1	0.000074	1	0.000055	1	0.000028	1
2,3,4,7,8-Pentachlorodibenzofuran	0.00000165	0	0.0000072	1	0.00045	1	0.0000015	1	0.0000014	1	0.00074	1	0.004	1	0.00065	1	0.00013	1	0.000096	1	0.000042	1
2,3,7,8-Tetrachlorodibenzofuran	0.00000235	0	0.0000089	1	0.0012	1	0.0000012	1	0.0000019	1	0.0007	1	0.005	1	0.0004	1	0.00012	1	0.0001	1	0.000048	1
PCB-077 (3,3',4,4'-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-081 (3,4,4',5-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-105 (2,3,3',4,4'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-114 (2,3,4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-118 (2,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-123 (2,3',4,4',5'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-126 (3,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-167 (2,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-169 (3,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-189 (2,3,3',4,4',5,5'-HpCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	4.95661E-06	1	1.12406E-05	1	0.000822405	1	2.2843E-06	1	2.31698E-06	1	0.00107788	1	0.00603114	1	0.0009381	1	0.000211003	1	0.000170408	1	7.78229E-05	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	8.18362E-06	1	2.47459E-05	1	0.00224635	1	4.5374E-06	1	5.13726E-06	1	0.00227885	1	0.01366468	1	0.00178115	1	0.000422595	1	0.000334848	1	0.000154435	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-1 EE-D02-1		DU-1 EE-D10-1		DU-1 EE-D25A-1		DU-1 EE-DB-1		DU-1 EE-DB-2		DU-1 EE-E14C-1		DU-1 M-161D-0.5-20141203		DU-1 M-162D-0.5-20141209		DU-1 RIDB-1-0.5-20170308		DU-1 RIDB-2-0.5-20170309	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.0022	1	0.00089	1	0.0004	1	0.00099	1	0.0017	1	0.0000012	1	0.0003	1	0.0011	1	0.000072	1	0.000016	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.0014	1	0.00068	1	0.00037	1	0.00078	1	0.0015	1	0.00000079	1	0.00028	1	0.001	1	0.000039	1	0.000013	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.00024	1	0.000056	1	0.000051	1	0.00008	1	0.00012	1	0.00000011	0	0.000034	1	0.00013	1	0.0000047	1	0.0000016	1
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.0005	1	0.00018	1	0.000093	1	0.00022	1	0.00042	1	0.00000021	1	0.000073	1	0.00029	1	0.0000085	1	0.0000033	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.0004	1	0.00015	1	0.0001	1	0.00019	1	0.00032	1	0.000000075	0	0.000076	1	0.00029	1	0.0000084	1	0.0000036	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.00059	1	0.000095	1	0.00007	1	0.00014	1	0.00021	1	0.000000145	0	0.000043	1	0.00017	1	0.0000055	1	0.0000025	1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.000055	0	0.000016	1	0.000018	1	0.000028	1	0.000035	1	0.0000001	0	0.000014	1	0.000033	1	0.0000014	1	0.00000063	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.046	1	0.014	1	0.012	1	0.026	1	0.028	1	0.0000036	1	0.012	1	0.039	1	0.0014	1	0.00047	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.018	1	0.003	1	0.0042	1	0.0065	1	0.0073	1	0.0000014	1	0.0039	1	0.015	1	0.00054	1	0.00019	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.0078	1	0.00088	1	0.0018	1	0.0024	1	0.0024	1	0.0000011	1	0.0014	1	0.0051	1	0.00018	1	0.000065	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.0048	1	0.001	1	0.002	1	0.0024	1	0.0028	1	0.0000012	1	0.0015	1	0.0066	1	0.00017	1	0.000066	1
1,2,3,6,7,8-Hexachlorodibenzofuran	0.0048	1	0.00075	1	0.0012	1	0.0017	1	0.0021	1	0.00000037	1	0.00088	1	0.0038	1	0.00012	1	0.000044	1
1,2,3,7,8,9-Hexachlorodibenzofuran	0.00079	1	0.000098	1	0.00017	1	0.0003	1	0.0003	1	0.0000001	0	0.0001	1	0.00017	0	0.000018	1	0.0000067	1
1,2,3,7,8-Pentachlorodibenzofuran	0.0035	1	0.00061	1	0.00084	1	0.0013	1	0.0016	1	0.00000057	1	0.00073	1	0.0024	1	0.000077	1	0.00003	1
2,3,4,6,7,8-Hexachlorodibenzofuran	0.0011	1	0.00027	1	0.00035	1	0.00043	1	0.00065	1	0.0000003	1	0.00019	1	0.00071	1	0.000031	1	0.000011	1
2,3,4,7,8-Pentachlorodibenzofuran	0.0019	1	0.00041	1	0.00045	1	0.00083	1	0.0011	1	0.000000145	0	0.00034	1	0.0012	1	0.000038	1	0.000015	1
2,3,7,8-Tetrachlorodibenzofuran	0.0042	1	0.00023	1	0.00042	1	0.00055	1	0.00059	1	0.00000063	1	0.00071	1	0.0012	1	0.000038	1	0.000015	1
PCB-077 (3,3',4,4'-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	0.000067	1	0.00018	1	--	--	--	--
PCB-081 (3,4,4',5-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	0.00003	1	0.000087	1	--	--	--	--
PCB-105 (2,3,3',4,4'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	0.000097	1	0.00035	1	--	--	--	--
PCB-114 (2,3,4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	0.000065	1	0.00015	1	--	--	--	--
PCB-118 (2,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	0.00012	1	0.00059	1	--	--	--	--
PCB-123 (2,3',4,4',5'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	0.000021	1	0.000022	0	--	--	--	--
PCB-126 (3,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	0.000049	1	0.00016	1	--	--	--	--
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	--	--	--	--	--	--	--	--	--	--	--	--	0.00016	1	0.00052	1	--	--	--	--
PCB-167 (2,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	0.00014	1	0.00038	1	--	--	--	--
PCB-169 (3,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	0.000021	1	0.000059	1	--	--	--	--
PCB-189 (2,3,3',4,4',5,5'-HpCB)	--	--	--	--	--	--	--	--	--	--	--	--	0.00023	1	0.00065	1	--	--	--	--
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	0.00328946	1	0.000575767	1	0.00075402	1	0.001147897	1	0.00147391	1	6.3944E-07	1	0.00059669	1	0.00217703	1	6.85016E-05	1	2.64758E-05	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	5.57069E-06	--	1.7894E-05	--	--	--	--	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	0.00856522	1	0.001084369	1	0.00148909	1	0.002278679	1	0.00282367	1	1.31537E-06	1	0.00151154	1	0.00421541	1	0.000133046	1	5.19846E-05	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	1.13083E-05	--	3.38774E-05	--	--	--	--	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-1 RIDB-3-0.5-20170310		DU-1 RIDB-4-0.5-20170306		DU-1 RIDB-5-0.5-20170311		DU-1 RIDB-6-0.5-20170225		DU-1 RIDB-7-0.5-20170312		DU-1 RIDB-7-0.5-20170312-FD		DU-1 RISB-09-0.5-20141211		DU-1 RISB-10-0.5-20141215		DU-1 RISB-11-0.5-20141217	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.0001	1	0.000016	1	0.000069	1	0.00015	1	0.000038	1	0.000062	1	0.000094	1	0.00023	1	0.00006	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.000016	1	0.000011	1	0.0000074	1	0.000086	1	0.0000068	1	0.0000076	1	0.000082	1	0.00019	1	0.000057	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.0000027	1	0.0000014	1	0.0000011	1	0.0000093	1	0.00000082	1	0.00000075	1	0.00001	1	0.000025	1	0.0000062	1
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.0000041	1	0.000003	1	0.0000017	1	0.000021	1	0.0000017	1	0.0000018	1	0.000019	1	0.000046	1	0.000012	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.0000034	1	0.0000027	1	0.0000021	1	0.000021	1	0.0000015	1	0.0000017	1	0.00002	1	0.000051	1	0.000013	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.00000075	0	0.0000016	1	0.00000094	1	0.000014	1	0.00000076	1	0.00000098	1	0.000011	1	0.000025	1	0.0000041	1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.00000065	0	0.00000046	1	0.0000001	0	0.0000041	1	0.000000135	0	0.00000013	0	0.0000031	1	0.0000088	1	0.00000097	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.00042	1	0.00039	1	0.000091	1	0.004	1	0.00016	1	0.00015	1	0.002	1	0.0052	1	0.0015	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.00016	1	0.00015	1	0.000032	1	0.0015	1	0.000064	1	0.000057	1	0.00097	1	0.0024	1	0.00062	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.000067	1	0.000054	1	0.000014	1	0.00056	1	0.000024	1	0.000023	1	0.00034	1	0.00088	1	0.0002	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.000067	1	0.000051	1	0.000013	1	0.00057	1	0.000028	1	0.000026	1	0.00039	1	0.00096	1	0.00022	1
1,2,3,6,7,8-Hexachlorodibenzofuran	0.000044	1	0.000035	1	0.0000088	1	0.00036	1	0.000017	1	0.000016	1	0.00023	1	0.00054	1	0.00012	1
1,2,3,7,8,9-Hexachlorodibenzofuran	0.0000072	1	0.0000051	1	0.0000026	1	0.000041	1	0.0000032	1	0.0000033	1	0.000022	1	0.000072	1	0.0000055	0
1,2,3,7,8-Pentachlorodibenzofuran	0.00003	1	0.000024	1	0.0000056	1	0.00024	1	0.000011	1	0.000012	1	0.00017	1	0.00038	1	0.000053	1
2,3,4,6,7,8-Hexachlorodibenzofuran	0.00001	1	0.0000084	1	0.000003	1	0.000076	1	0.0000034	1	0.0000035	1	0.00006	1	0.00012	1	0.000039	1
2,3,4,7,8-Pentachlorodibenzofuran	0.000014	1	0.000013	1	0.0000032	1	0.00012	1	0.0000056	1	0.0000057	1	0.000083	1	0.00018	1	0.000027	1
2,3,7,8-Tetrachlorodibenzofuran	0.000014	1	0.000013	1	0.0000059	1	0.00011	1	0.0000058	1	0.0000056	1	0.000075	1	0.00016	1	0.000027	1
PCB-077 (3,3',4,4'-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	0.000018	1	0.000021	1	0.00000195	0
PCB-081 (3,4,4',5-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	0.0000069	1	0.000013	1	0.0000017	0
PCB-105 (2,3,3',4,4'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	0.000046	1	0.000048	1	0.0000048	1
PCB-114 (2,3,4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	0.000013	1	0.000022	1	0.0000014	0
PCB-118 (2,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	0.000094	1	0.000083	1	0.0000061	1
PCB-123 (2,3',4,4',5'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	0.0000027	0	0.000017	1	0.00000135	0
PCB-126 (3,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	0.000014	1	0.000006	0	0.00000185	0
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	--	--	--	--	--	--	--	--	--	--	--	--	0.000062	1	0.000083	1	0.000013	1
PCB-167 (2,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	0.000037	1	0.000062	1	0.0000096	1
PCB-169 (3,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	0.0000072	1	0.000005	0	0.0000015	0
PCB-189 (2,3,3',4,4',5,5'-HpCB)	--	--	--	--	--	--	--	--	--	--	--	--	0.00005	1	0.000093	1	0.000015	1
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	0.000024326	1	2.09118E-05	1	0.00000657	1	0.000204835	1	1.00544E-05	1	9.9846E-06	1	0.000141248	1	0.000332929	1	0.000068268	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	1.62901E-06	--	7.6824E-07	--	2.32243E-07	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	0.000048074	1	4.28716E-05	1	1.42054E-05	1	0.000400676	1	1.96696E-05	1	1.95443E-05	1	0.000275381	1	0.000621343	1	0.000112963	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	3.01114E-06	--	2.97285E-06	--	4.56241E-07	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-1 RISB-12-0.5-20141215		DU-1 RISB-13-0.5-20141217		DU-1 RISB-14-0.5-20141216		DU-1 RISB-39-0.5-20141121		DU-1 RISB-40-0.5-20141121		DU-1 RISB-41-0.5-20141121		DU-1 RISB-41-0.5-20141121-FD		DU-1 RISB-47-0.5-20141120		DU-1 RISB-48-0.5-20141120	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.00044	1	0.000072	1	0.0025	1	0.0017	1	0.0018	1	0.000084	1	0.000072	1	0.00027	1	0.000092	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.00036	1	0.000041	1	0.0022	1	0.0016	1	0.0015	1	0.000075	1	0.000065	1	0.00026	1	0.000085	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.000035	1	0.0000035	1	0.00025	1	0.00016	1	0.00015	1	0.0000079	1	0.0000074	1	0.000026	1	0.0000089	1
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.000082	1	0.00001	1	0.0005	1	0.00038	1	0.00034	1	0.000018	1	0.000017	1	0.000059	1	0.000021	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.000078	1	0.000012	1	0.00057	1	0.00037	1	0.00034	1	0.000018	1	0.000017	1	0.00006	1	0.000021	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.000041	1	0.0000057	1	0.00031	1	0.00019	1	0.00019	1	0.0000093	1	0.0000083	1	0.000033	1	0.000012	1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.000017	1	0.0000017	1	0.000097	1	0.000048	1	0.000048	1	0.0000021	1	0.000002	1	0.000009	1	0.0000028	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.012	1	0.0014	1	0.083	1	0.052	1	0.056	1	0.0026	1	0.0023	1	0.0088	1	0.0028	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.0044	1	0.00045	1	0.028	1	0.019	1	0.019	1	0.00097	1	0.00089	1	0.003	1	0.0011	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.0016	1	0.00016	1	0.011	1	0.0067	1	0.0069	1	0.00033	1	0.00031	1	0.0012	1	0.00039	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.0019	1	0.00021	1	0.014	1	0.0079	1	0.0074	1	0.00041	1	0.00039	1	0.0014	1	0.00027	1
1,2,3,6,7,8-Hexachlorodibenzofuran	0.0012	1	0.00012	1	0.0068	1	0.0045	1	0.0044	1	0.00024	1	0.00023	1	0.00084	1	0.00028	1
1,2,3,7,8,9-Hexachlorodibenzofuran	0.000088	1	0.0000086	1	0.00083	1	0.000185	0	0.000255	0	0.000013	0	0.000012	0	0.000049	0	0.0000155	0
1,2,3,7,8-Pentachlorodibenzofuran	0.00079	1	0.000081	1	0.0052	1	0.0031	1	0.0032	1	0.00017	1	0.00015	1	0.00054	1	0.00019	1
2,3,4,6,7,8-Hexachlorodibenzofuran	0.00031	1	0.000035	1	0.003	1	0.00098	1	0.001	1	0.000052	1	0.000051	1	0.00024	1	0.000062	1
2,3,4,7,8-Pentachlorodibenzofuran	0.00039	1	0.00004	1	0.0026	1	0.0015	1	0.0015	1	0.000076	1	0.000068	1	0.00025	1	0.000087	1
2,3,7,8-Tetrachlorodibenzofuran	0.00053	1	0.000049	1	0.0025	1	0.0014	1	0.0016	1	0.000063	1	0.000057	1	0.00026	1	0.000078	1
PCB-077 (3,3',4,4'-TeCB)	0.00032	1	0.000011	1	0.00047	1	0.000094	1	0.00021	1	0.000009	1	0.0000071	1	0.000032	1	0.0000085	1
PCB-081 (3,4,4',5-TeCB)	0.0000235	0	0.0000031	0	0.00027	1	0.000062	1	0.00014	1	0.0000054	1	0.0000044	1	0.000017	1	0.0000044	1
PCB-105 (2,3,3',4,4'-PeCB)	0.00088	1	0.00008	1	0.00072	1	0.00017	1	0.00038	1	0.000018	1	0.000015	1	0.000078	1	0.000019	1
PCB-114 (2,3,4,4',5-PeCB)	0.00012	0	0.0000038	0	0.00046	1	0.00012	1	0.00027	1	0.000011	1	0.0000094	1	0.000038	1	0.0000084	1
PCB-118 (2,3',4,4',5-PeCB)	0.0054	1	0.00015	1	0.0016	1	0.00026	1	0.00053	1	0.000031	1	0.000027	1	0.000099	1	0.000025	1
PCB-123 (2,3',4,4',5'-PeCB)	0.000115	0	0.0000037	0	0.00029	1	0.000056	1	0.00013	1	0.0000043	1	0.0000038	1	0.000019	1	0.0000044	1
PCB-126 (3,3',4,4',5-PeCB)	0.00044	1	0.00000485	0	0.00056	1	0.000097	1	0.00019	1	0.0000076	1	0.0000078	1	0.000037	1	0.0000092	1
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	0.006	1	0.000056	1	0.0021	1	0.00036	1	0.00074	1	0.00003	1	0.000025	1	0.00013	1	0.000033	1
PCB-167 (2,3',4,4',5,5'-HxCB)	0.0022	1	0.000027	1	0.0014	1	0.0003	1	0.00061	1	0.000025	1	0.00002	1	0.0001	1	0.000028	1
PCB-169 (3,3',4,4',5,5'-HxCB)	0.000075	0	0.00000255	0	0.000115	0	0.0000185	0	0.000039	0	0.0000052	1	0.00000135	0	0.000018	1	0.0000064	1
PCB-189 (2,3,3',4,4',5,5'-HpCB)	0.0017	1	0.000026	1	0.0018	1	0.00052	1	0.001	1	0.00004	1	0.000034	1	0.00017	1	0.000051	1
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	0.000688332	1	7.35916E-05	1	0.00462565	1	0.00265761	1	0.00262384	1	0.000136045	1	0.000126702	1	0.000473921	1	0.000138858	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	4.67815E-05	--	5.73925E-07	--	5.98291E-05	--	1.03366E-05	--	2.03428E-05	--	9.23299E-07	--	8.26556E-07	--	4.26732E-06	--	1.11923E-06	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	0.001478774	1	0.000149623	1	0.00896525	1	0.00511727	1	0.00527468	1	0.000254618	1	0.000233142	1	0.000909957	1	0.000279579	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	6.32192E-05	--	1.3636E-06	--	0.000106994	--	2.06949E-05	--	4.37007E-05	--	1.7621E-06	--	1.58214E-06	--	7.04648E-06	--	1.79852E-06	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-1 RIT-1-01-20141111		DU-1 RIT-1-02-20141111		DU-1 RIT-1-03-20141112		DU-1 RIT-1-04-20141112		DU-1 RIT-1-05-20141112		DU-1 RIT-2-01-20141112		DU-1 RIT-2-02-20141112		DU-1 RIT-2-03-20141112		DU-1 RIT-2-03-20141112-FD		DU-1 RIT-2-04-20141113		DU-1 RIT-2-05-20141113	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.000035	1	0.000096	1	0.00093	1	0.00023	1	0.000032	1	0.000044	1	0.00048	1	0.00085	1	0.0015	1	0.000015	1	0.0000022	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.000032	1	0.000038	1	0.0009	1	0.00019	1	0.000023	1	0.000036	1	0.00033	1	0.00072	1	0.0012	1	0.0000094	1	0.0000014	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.0000036	1	0.0000036	1	0.00013	1	0.000019	1	0.0000036	1	0.0000058	1	0.00004	1	0.000098	1	0.00016	1	0.0000012	1	0.000000046	0
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.0000085	1	0.0000085	1	0.00025	1	0.000053	1	0.0000065	1	0.0000011	1	0.000091	1	0.0002	1	0.00029	1	0.0000035	1	0.00000043	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.0000069	1	0.0000078	1	0.00022	1	0.000055	1	0.0000058	1	0.00001	1	0.000075	1	0.00017	1	0.00025	1	0.000005	1	0.00000031	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.0000051	1	0.0000042	1	0.00016	1	0.00003	1	0.0000048	1	0.0000062	1	0.000048	1	0.00011	1	0.00016	1	0.0000012	1	0.000000085	0
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.0000016	1	0.0000015	1	0.000043	1	0.000012	1	0.0000022	1	0.0000023	1	0.000015	1	0.00003	1	0.00004	1	0.00000045	1	0.000000065	0
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.001	1	0.0011	1	0.028	1	0.0058	1	0.00062	1	0.0011	1	0.0093	1	0.022	1	0.043	1	0.00027	1	0.000029	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.00039	1	0.00039	1	0.011	1	0.0022	1	0.00028	1	0.00047	1	0.0038	1	0.0086	1	0.015	1	0.00011	1	0.000015	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.00017	1	0.00014	1	0.0044	1	0.001	1	0.0001	1	0.00018	1	0.0016	1	0.0035	1	0.0063	1	0.000042	1	0.0000043	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.00018	1	0.00017	1	0.0047	1	0.0012	1	0.00014	1	0.00023	1	0.0018	1	0.0039	1	0.0065	1	0.000049	1	0.0000063	1
1,2,3,6,7,8-Hexachlorodibenzofuran	0.000094	1	0.000087	1	0.0025	1	0.00053	1	0.000088	1	0.00012	1	0.00098	1	0.0019	1	0.0033	1	0.000025	1	0.0000035	1
1,2,3,7,8,9-Hexachlorodibenzofuran	0.000013	1	0.000011	1	0.00048	1	0.000046	1	0.000013	1	0.000024	1	0.00017	1	0.00039	1	0.00063	1	0.0000042	1	0.00000042	1
1,2,3,7,8-Pentachlorodibenzofuran	0.000069	1	0.000065	1	0.002	1	0.00042	1	0.000081	1	0.00011	1	0.00072	1	0.0015	1	0.0023	1	0.000028	1	0.0000038	1
2,3,4,6,7,8-Hexachlorodibenzofuran	0.000021	1	0.00002	1	0.00048	1	0.00014	1	0.000019	1	0.000026	1	0.00021	1	0.00048	1	0.00077	1	0.0000053	1	0.0000005	1
2,3,4,7,8-Pentachlorodibenzofuran	0.000036	1	0.000037	1	0.001	1	0.0003	1	0.000045	1	0.000055	1	0.00038	1	0.0008	1	0.0012	1	0.000013	1	0.0000018	1
2,3,7,8-Tetrachlorodibenzofuran	0.000034	1	0.000044	1	0.001	1	0.00025	1	0.000077	1	0.000065	1	0.00036	1	0.00078	1	0.0011	1	0.000045	1	0.0000062	1
PCB-077 (3,3',4,4'-TeCB)	0.000015	1	0.00004	1	0.00032	1	0.00008	1	0.00024	1	0.000018	1	0.000042	1	0.00013	1	0.00019	1	0.000055	1	0.000012	1
PCB-081 (3,4,4',5-TeCB)	0.0000036	1	0.0000016	0	0.00013	1	0.000015	1	0.000014	1	0.0000061	1	0.000024	1	0.000064	1	0.000084	1	0.0000043	1	0.000000345	0
PCB-105 (2,3,3',4,4'-PeCB)	0.000031	1	0.00014	1	0.00047	1	0.0005	1	0.00029	1	0.000075	1	0.000072	1	0.00026	1	0.00037	1	0.00044	1	0.000059	1
PCB-114 (2,3,4,4',5-PeCB)	0.0000078	1	0.000012	0	0.00023	1	0.0000445	0	0.000026	1	0.000013	1	0.000047	1	0.00015	1	0.00019	1	0.000019	1	0.0000031	1
PCB-118 (2,3',4,4',5-PeCB)	0.000063	1	0.00053	1	0.0012	1	0.0026	1	0.0012	1	0.00013	1	0.000088	1	0.00033	1	0.00048	1	0.00051	1	0.000079	1
PCB-123 (2,3',4,4',5'-PeCB)	0.00000335	0	0.0000115	0	0.000055	0	0.0000425	0	0.000012	0	0.0000038	0	0.000025	1	0.000071	1	0.000093	1	0.000018	1	0.0000021	1
PCB-126 (3,3',4,4',5-PeCB)	0.0000091	1	0.000097	1	0.00029	1	0.00041	1	0.000089	1	0.000014	1	0.00004	1	0.00011	1	0.00015	1	0.000012	1	0.000003	1
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	0.000051	1	0.00077	1	0.0017	1	0.0046	1	0.0008	1	0.0001	1	0.00019	1	0.0005	1	0.00066	1	0.00013	1	0.000019	1
PCB-167 (2,3',4,4',5,5'-HxCB)	0.000033	1	0.00041	1	0.001	1	0.0021	1	0.00039	1	0.00006	1	0.00016	1	0.00042	1	0.00062	1	0.000041	1	0.0000061	1
PCB-169 (3,3',4,4',5,5'-HxCB)	0.000004	1	0.000041	1	0.0001	1	0.0000315	0	0.000023	1	0.0000057	1	0.000025	1	0.0000215	0	0.0000325	0	0.0000019	1	0.00000036	0
PCB-189 (2,3,3',4,4',5,5'-HpCB)	0.000037	1	0.0004	1	0.0012	1	0.0015	1	0.00021	1	0.000055	1	0.00024	1	0.00057	1	0.00091	1	0.000016	1	0.0000025	1
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	6.19005E-05	1	5.99788E-05	1	0.001710679	1	0.000409609	1	6.24456E-05	1	8.46832E-05	1	0.000631434	1	0.001351855	1	0.00216735	1	2.19095E-05	1	2.79096E-06	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	1.03936E-06	--	1.10027E-05	--	3.22467E-05	--	4.22991E-05	--	9.70604E-06	--	1.58773E-06	--	4.78606E-06	--	1.17462E-05	--	1.61189E-05	--	1.29901E-06	--	3.17228E-07	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	0.000121091	1	0.000128503	1	0.003407793	1	0.000865373	1	0.000167813	1	0.00018755	1	0.001256718	1	0.002684905	1	0.00410455	1	7.29529E-05	1	9.83712E-06	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	2.03434E-06	--	1.20067E-05	--	5.83746E-05	--	4.71084E-05	--	2.24527E-05	--	2.93699E-06	--	8.56103E-06	--	2.40264E-05	--	3.30755E-05	--	4.44665E-06	--	9.43867E-07	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-1 RIT-3-01-20141113		DU-1 RIT-3-02-20141113		DU-1 RIT-3-03-20141113		DU-1 RIT-3-03-20141113-FD		DU-1 RIT-3-04-20141113		DU-1 RIT-3-05-20141113		DU-1 RSAH3-0BPC		DU-1 RSAI4-0.5B		DU-1 RSAI5-0.5B		DU-1 RSAI7-0.5B		DU-1 RSAI7-1BR	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.00000092	1	0.000024	1	0.000024	1	0.000027	1	0.000061	1	0.00032	1	0.00055	1	0.0000032	1	0.0000054	1	0.0227	1	0.0000054	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.00000007	0	0.0000041	1	0.000013	1	0.000014	1	0.000014	1	0.000072	1	0.00056	1	0.0000014	1	0.00000379	1	0.0152	1	0.0000041	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	4.05E-08	0	0.000000042	0	0.0000012	1	0.0000016	1	0.00000088	1	0.0000052	1	0.000091	1	1.285E-07	0	0.00000049	1	0.0018	1	0.00000021	0
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	3.65E-08	0	0.00000069	1	0.0000032	1	0.0000034	1	0.0000021	1	0.000013	1	0.00017	1	0.000000561	1	0.00000127	1	0.00382	1	0.0000012	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.00000013	1	0.00000046	1	0.0000028	1	0.0000034	1	0.0000021	1	0.000011	1	0.000096	1	0.000000648	1	0.00000132	1	0.00413	1	0.00000094	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.00000009	0	0.000000095	0	0.0000016	1	0.0000018	1	0.00000068	1	0.0000059	1	0.00013	1	0.000000093	0	0.00000076	1	0.0017	1	0.00000068	1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.000000044	0	0.000000065	0	0.00000029	1	0.00000048	1	0.000000105	0	0.0000014	1	0.000035	1	4.49E-08	0	3.775E-08	0	0.000755	1	0.00000028	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.00000073	1	0.000026	1	0.00036	1	0.00036	1	0.000098	1	0.0013	1	0.02	1	0.0000525	1	0.000152	1	0.73	1	0.00021	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.00000033	1	0.000013	1	0.00017	1	0.0002	1	0.00005	1	0.00053	1	0.0084	1	0.0000142	1	0.0000558	1	0.222	1	0.000081	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	3.95E-08	0	0.0000037	1	0.000047	1	0.000054	1	0.000014	1	0.00019	1	0.0032	1	0.00000884	1	0.0000263	1	0.142	1	0.000029	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.00000015	1	0.0000066	1	0.000066	1	0.000074	1	0.000021	1	0.00024	1	0.0023	1	0.00000504	1	0.000026	1	0.103	1	0.000025	1
1,2,3,6,7,8-Hexachlorodibenzofuran	3.45E-08	0	0.0000036	1	0.000042	1	0.000048	1	0.000011	1	0.00013	1	0.0023	1	0.00000312	1	0.0000178	1	0.0659	1	0.000019	1
1,2,3,7,8,9-Hexachlorodibenzofuran	0.000000041	0	0.00000017	0	0.000002	0	0.0000015	0	0.000001	1	0.000014	1	0.00036	1	0.000000683	1	0.0000024	1	0.0119	1	0.000003	1
1,2,3,7,8-Pentachlorodibenzofuran	0.000000065	0	0.0000028	1	0.000025	1	0.000029	1	0.0000023	1	0.000091	1	0.002	1	0.00000198	1	0.0000105	1	0.0219	1	0.000014	1
2,3,4,6,7,8-Hexachlorodibenzofuran	3.95E-08	0	0.0000013	1	0.00001	1	0.000013	1	0.0000039	1	0.00003	1	0.00044	1	0.00000196	1	0.00000814	1	0.0149	1	0.0000036	1
2,3,4,7,8-Pentachlorodibenzofuran	0.00000007	0	0.0000016	1	0.000014	1	0.000016	1	0.0000056	1	0.00005	1	0.001	1	0.000000956	1	0.00000462	1	0.0106	1	0.0000067	1
2,3,7,8-Tetrachlorodibenzofuran	4.35E-08	0	0.0000022	1	0.0000095	1	0.000013	1	0.0000046	1	0.000043	1	0.00095	1	0.0000016	1	0.00000496	1	0.00586	1	0.00001	1
PCB-077 (3,3',4,4'-TeCB)	0.00000015	0	0.0000062	1	0.0000051	1	0.000015	1	0.0000026	1	0.000024	1	--	--	--	--	--	--	--	--	--	--
PCB-081 (3,4,4',5-TeCB)	0.00000014	0	0.00000098	1	0.0000013	0	0.00000135	0	0.0000005	0	0.0000051	1	--	--	--	--	--	--	--	--	--	--
PCB-105 (2,3,3',4,4'-PeCB)	0.0000012	1	0.000046	1	0.000028	1	0.000045	1	0.000018	1	0.000081	1	--	--	--	--	--	--	--	--	--	--
PCB-114 (2,3,4,4',5-PeCB)	0.00000015	0	0.000003	1	0.0000028	1	0.0000056	1	0.00000335	0	0.00001	1	--	--	--	--	--	--	--	--	--	--
PCB-118 (2,3',4,4',5-PeCB)	0.0000035	1	0.000092	1	0.000055	1	0.00013	1	0.00011	1	0.00019	1	--	--	--	--	--	--	--	--	--	--
PCB-123 (2,3',4,4',5'-PeCB)	0.000000145	0	0.00000105	0	0.00000125	0	0.0000023	0	0.0000032	0	0.00000355	0	--	--	--	--	--	--	--	--	--	--
PCB-126 (3,3',4,4',5-PeCB)	0.000000175	0	0.000003	1	0.0000066	1	0.000014	1	0.0000095	1	0.000016	1	--	--	--	--	--	--	--	--	--	--
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	0.00000084	1	0.000033	1	0.000046	1	0.00012	1	0.00014	1	0.00012	1	--	--	--	--	--	--	--	--	--	--
PCB-167 (2,3',4,4',5,5'-HxCB)	0.00000024	1	0.000011	1	0.000019	1	0.000042	1	0.000057	1	0.000062	1	--	--	--	--	--	--	--	--	--	--
PCB-169 (3,3',4,4',5,5'-HxCB)	0.00000009	0	0.000000305	0	0.00000145	0	0.00000165	0	0.0000012	0	0.0000055	1	--	--	--	--	--	--	--	--	--	--
PCB-189 (2,3,3',4,4',5,5'-HpCB)	0.00000015	0	0.0000035	1	0.000018	1	0.000038	1	0.000036	1	0.00005	1	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	2.1339E-07	1	2.4532E-06	1	2.29252E-05	1	2.65361E-05	1	8.0197E-06	1	0.000082056	1	0.001323465	1	2.11926E-06	1	9.64287E-06	1	0.03144081	1	1.08906E-05	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	2.04438E-08	--	3.15751E-07	--	7.09502E-07	--	1.46289E-06	--	9.97437E-07	--	1.78443E-06	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	2.9982E-07	1	5.6381E-06	1	4.24834E-05	1	5.08767E-05	1	1.58499E-05	1	0.000159724	1	0.002989465	1	4.28641E-06	1	1.78715E-05	1	0.04494667	1	2.53621E-05	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	3.93494E-08	--	7.17581E-07	--	1.05506E-06	--	2.30583E-06	--	1.1494E-06	--	3.33966E-06	--	--	--	--	--	--	--	--	--	--	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-1 RSAJ5-0.5B		DU-1 RSAK4-0.5B		DU-1 RSAK4009-0.5B		DU-1 RSAK6-0.5B		DU-1 RSAL4-0.5B		DU-1 RSAL4009-0.5B		DU-1 RSAL5-0.5B		DU-1 RSAL6-0.5B		DU-1 RSAL7-0.5B		DU-1 RSAL8-0.5B		DU-1 RSAL8-0BPC	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.00186	1	0.000767	1	0.000811	1	0.00000507	1	0.000104	1	0.0000872	1	0.000143	1	0.000161	1	0.00000392	1	0.000363	1	0.0000027	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.00145	1	0.000514	1	0.000573	1	0.00000127	1	0.0000905	1	0.0000769	1	0.00015	1	0.000173	1	0.000000833	1	0.000307	1	0.0000018	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.000251	1	0.0001	1	0.000109	1	0.000000139	1	0.0000139	1	0.0000121	1	0.0000178	1	0.0000213	1	3.02E-08	0	0.0000437	1	0.00000025	1
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.000602	1	0.000178	1	0.000186	1	0.000000351	1	0.0000264	1	0.0000232	1	0.0000394	1	0.000046	1	0.00000024	1	0.0000787	1	0.00000054	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.000675	1	0.000221	1	0.000233	1	0.000000429	1	0.0000285	1	0.0000244	1	0.0000415	1	0.0000528	1	0.000000249	1	0.0000955	1	0.00000037	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.000389	1	0.000118	1	0.000127	1	0.000000278	1	0.0000184	1	0.0000157	1	0.000026	1	0.0000311	1	4.125E-08	0	0.0000542	1	0.00000025	1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.000118	1	0.0000321	1	0.0000345	1	3.435E-08	0	0.00000551	1	0.0000045	1	0.00000785	1	0.00000935	1	3.95E-08	0	0.0000175	1	0.00000018	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.0529	1	0.0213	1	0.0234	1	0.0000334	1	0.00303	1	0.00252	1	0.0047	1	0.00609	1	0.000015	1	0.0193	1	0.00005	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.0171	1	0.01	1	0.011	1	0.0000128	1	0.00099	1	0.000822	1	0.00159	1	0.00179	1	0.00000618	1	0.00626	1	0.00002	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.0076	1	0.00384	1	0.00411	1	0.00000521	1	0.000458	1	0.000386	1	0.000669	1	0.00099	1	0.0000021	1	0.00287	1	0.0000081	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.0104	1	0.00441	1	0.00464	1	0.00000631	1	0.000492	1	0.000415	1	0.000869	1	0.000929	1	0.000003	1	0.00307	1	0.0000057	1
1,2,3,6,7,8-Hexachlorodibenzofuran	0.00613	1	0.00306	1	0.00317	1	0.00000369	1	0.000274	1	0.000243	1	0.000513	1	0.000619	1	0.00000189	1	0.00202	1	0.0000053	1
1,2,3,7,8,9-Hexachlorodibenzofuran	0.000439	1	0.000469	1	0.000447	1	0.000000289	1	0.0000459	1	0.0000368	1	0.0000713	1	0.000102	1	0.000000104	0	0.000162	1	0.000001	1
1,2,3,7,8-Pentachlorodibenzofuran	0.00287	1	0.0013	1	0.00115	1	0.00000333	1	0.000208	1	0.000171	1	0.000413	1	0.000443	1	0.00000126	1	0.00103	1	0.0000043	1
2,3,4,6,7,8-Hexachlorodibenzofuran	0.00157	1	0.000734	1	0.000684	1	0.00000111	1	0.000167	1	0.000135	1	0.000257	1	0.000321	1	0.000000518	1	0.000245	1	0.0000013	1
2,3,4,7,8-Pentachlorodibenzofuran	0.00123	1	0.000581	1	0.00062	1	0.00000168	1	0.0000968	1	0.000086	1	0.000193	1	0.000211	1	0.000000516	1	0.000345	1	0.0000023	1
2,3,7,8-Tetrachlorodibenzofuran	0.0017	1	0.00143	1	0.00146	1	0.00000601	1	0.00011	1	0.0000932	1	0.000179	1	0.000199	1	0.00000211	1	0.00114	1	0.0000024	1
PCB-077 (3,3',4,4'-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-081 (3,4,4',5-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-105 (2,3,3',4,4'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-114 (2,3,4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-118 (2,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-123 (2,3',4,4',5'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-126 (3,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-167 (2,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-169 (3,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-189 (2,3,3',4,4',5,5'-HpCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	0.003416728	1	0.00157376	1	0.001638993	1	2.95339E-06	1	0.000191285	1	0.000163031	1	0.000328483	1	0.000377455	1	1.18428E-06	1	0.000991859	1	3.24981E-06	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	0.005917896	1	0.003328401	1	0.003435304	1	9.71383E-06	1	0.000368093	1	0.000315175	1	0.000646838	1	0.000727253	1	3.49829E-06	1	0.002315495	1	7.23297E-06	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-1 RSAM2-0.5B		DU-1 RSAM4-0.5B		DU-1 RSAM6-0.5B		DU-1 RSAM7-0.5B		DU-1 RSAM8-0.5B		DU-1 RSAN3-0.5B		DU-1 RSAN4-0.5B		DU-1 RSAN5-0.5B		DU-1 RSAN7-0BPC		DU-1 RSAO2-0.5B		DU-1 RSAO3-0.5B	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.00000508	1	0.0000705	1	0.0000954	1	0.0000183	1	0.00000378	1	0.00000175	1	0.000000743	1	0.00000758	1	0.00035	1	--	--	0.000251	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.00000194	1	0.0000312	1	0.0000805	1	0.0000159	1	0.00000199	1	0.00000133	1	0.000000257	1	0.00000436	1	0.00018	1	--	--	0.000207	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.000000155	1	0.0000042	1	0.0000123	1	0.00000901	1	0.000000207	1	0.000000264	1	2.25E-08	0	0.000000637	1	0.000018	1	--	--	0.000029	1
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.000000537	1	0.00000825	1	0.0000227	1	0.00000597	1	0.000000501	1	0.000000485	1	9.86E-08	1	0.00000131	1	0.000047	1	--	--	0.0000531	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.000000599	1	0.00000819	1	0.0000258	1	0.00000727	1	0.000000518	1	0.000000525	1	0.000000173	1	0.00000118	1	0.000032	1	--	--	0.0000617	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.000000055	0	0.00000509	1	0.0000151	1	0.00000384	1	0.000000419	1	0.000000353	1	1.715E-08	0	0.00000108	1	0.000034	1	--	--	0.000036	1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.000000052	0	0.00000156	1	0.00000427	1	0.000000875	1	1.97E-08	0	0.000000157	1	1.62E-08	0	0.000000506	1	0.000011	1	--	--	0.0000126	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.0000509	1	0.00093	1	0.00218	1	0.00048	1	0.0000895	1	0.0000366	1	0.0000033	1	0.000187	1	0.0045	1	--	--	0.0128	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.0000177	1	0.000282	1	0.000943	1	0.000178	1	0.0000231	1	0.0000141	1	0.00000138	1	0.000058	1	0.0018	1	--	--	0.00393	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.00000776	1	0.000115	1	0.000447	1	0.0000895	1	0.0000101	1	0.00000521	1	0.00000046	1	0.0000316	1	0.0008	1	--	--	0.00184	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.0000086	1	0.000136	1	0.00045	1	0.0000908	1	0.00000956	1	0.00000722	1	0.000000547	1	0.0000292	1	0.00066	1	--	--	0.00184	1
1,2,3,6,7,8-Hexachlorodibenzofuran	0.00000535	1	0.0000774	1	0.000265	1	0.0000497	1	0.00000652	1	0.0000044	1	0.000000331	1	0.0000168	1	0.00053	1	--	--	0.00121	1
1,2,3,7,8,9-Hexachlorodibenzofuran	1.625E-07	0	0.0000102	1	0.000034	1	0.00000916	1	0.00000104	1	0.000000764	1	0.000000116	1	0.000000155	0	0.00008	1	--	--	0.000145	1
1,2,3,7,8-Pentachlorodibenzofuran	0.00000371	1	0.0000517	1	0.000154	1	0.0000445	1	0.00000469	1	0.00000343	1	0.000000236	1	0.0000138	1	0.00046	1	--	--	0.000601	1
2,3,4,6,7,8-Hexachlorodibenzofuran	0.00000126	1	0.0000401	1	0.0000571	1	0.0000142	1	0.00000384	1	0.00000234	1	9.97E-08	1	0.00000506	1	0.00015	1	--	--	0.000179	1
2,3,4,7,8-Pentachlorodibenzofuran	0.0000018	1	0.0000274	1	0.0000766	1	0.0000251	1	0.0000024	1	0.0000018	1	0.000000127	1	0.0000079	1	0.00023	1	--	--	0.000271	1
2,3,7,8-Tetrachlorodibenzofuran	0.00000253	1	0.0000272	1	0.000086	1	0.0000184	1	0.00000558	1	0.00000285	1	3.29E-08	0	0.00000285	1	0.00027	1	--	--	0.000656	1
PCB-077 (3,3',4,4'-TeCB)	--	--	--	--	--	--	--	--	0.00000916	1	--	--	--	--	--	--	--	--	0.000001405	0	--	--
PCB-081 (3,4,4',5-TeCB)	--	--	--	--	--	--	--	--	0.000000202	0	--	--	--	--	--	--	--	--	0.00000133	0	--	--
PCB-105 (2,3,3',4,4'-PeCB)	--	--	--	--	--	--	--	--	0.000327	1	--	--	--	--	--	--	--	--	0.0000762	1	--	--
PCB-114 (2,3,4,4',5-PeCB)	--	--	--	--	--	--	--	--	0.0000183	1	--	--	--	--	--	--	--	--	0.000001165	0	--	--
PCB-118 (2,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	0.000721	1	--	--	--	--	--	--	--	--	0.000122	1	--	--
PCB-123 (2,3',4,4',5'-PeCB)	--	--	--	--	--	--	--	--	0.00000975	1	--	--	--	--	--	--	--	--	0.000001195	0	--	--
PCB-126 (3,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	0.000016	1	--	--	--	--	--	--	--	--	0.00000116	0	--	--
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	--	--	--	--	--	--	--	--	0.00025	1	--	--	--	--	--	--	--	--	0.0000392	1	--	--
PCB-167 (2,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	0.0000663	1	--	--	--	--	--	--	--	--	0.0000151	1	--	--
PCB-169 (3,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	0.0000422	1	--	--	--	--	--	--	--	--	0.00000073	0	--	--
PCB-189 (2,3,3',4,4',5,5'-HpCB)	--	--	--	--	--	--	--	--	0.0000616	1	--	--	--	--	--	--	--	--	0.00000678	1	--	--
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	2.96844E-06	1	5.21572E-05	1	0.000157648	1	3.70145E-05	1	4.45588E-06	1	3.25561E-06	1	2.42783E-07	1	1.10872E-05	1	0.000335755	1	--	--	0.000628995	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	2.9106E-06	--	--	--	--	--	--	--	--	--	1.46289E-07	1	--	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	6.68041E-06	1	9.80028E-05	1	0.00029561	1	7.30289E-05	1	1.13942E-05	1	7.24422E-06	1	3.64692E-07	1	1.99203E-05	1	0.000764235	1	--	--	0.001440463	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	2.18852E-06	--	--	--	--	--	--	--	--	--	3.33087E-07	1	--	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-1 RSAO5-0.5B		DU-1 RSAO6-0.5B		DU-1 RSAO7-9B		DU-1 RSAO8-11.5B		DU-1 SA114-1.5BR		DU-1 SA114-1BR		DU-1 SA134-1.5BR		DU-1 SA134-1BR		DU-1 SA141009-14B		DU-1 SA141-14B		DU-1 SA145-0.5B	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.00000531	1	0.0000126	1	0.0000028	1	0.00006	1	0.0000023	1	0.0000042	1	0.0002	1	0.00053	1	0.0000011	1	0.0000011	1	0.0000255	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.00000412	1	0.00000217	1	0.0000013	0	0.0000062	1	0.0000015	1	0.0000045	1	0.00021	1	0.00052	1	0.00000042	1	0.00000036	1	0.0000209	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.000000495	1	0.000000177	1	0.0000013	0	0.00000054	1	0.00000031	1	0.00000069	1	0.000031	1	0.000077	1	0.0000013	0	0.00000135	0	0.00000259	1
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.00000121	1	0.000000451	1	0.0000013	0	0.00000089	1	0.00000046	1	0.0000011	1	0.000058	1	0.00016	1	0.00000022	1	0.00000135	0	0.00000608	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.00000137	1	0.000000518	1	0.0000013	0	0.00000059	1	0.00000036	1	0.000001	1	0.000044	1	0.00012	1	0.00000023	1	0.00000135	0	0.00000635	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.000000887	1	0.000000295	1	0.0000013	0	0.00000061	1	0.00000014	0	0.00000081	1	0.000038	1	0.0001	1	0.0000013	0	0.00000135	0	0.00000504	1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.000000446	1	1.705E-08	0	0.00000026	0	0.00000027	1	0.000000095	0	0.00000029	1	0.0000095	1	0.00003	1	0.00000026	0	0.00000027	0	0.00000131	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.000261	1	0.0000668	1	0.0000072	1	0.00011	1	0.00006	1	0.00012	1	0.0073	1	0.021	1	0.0000054	1	0.000013	1	0.00539	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.0000893	1	0.0000193	1	0.0000016	1	0.000043	1	0.000021	1	0.000047	1	0.0026	1	0.0074	1	0.0000022	1	0.000005	1	0.000324	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.0000372	1	0.00000933	1	0.0000013	0	0.000019	1	0.0000078	1	0.00002	1	0.0011	1	0.0031	1	0.000001	1	0.0000017	1	0.000167	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.0000379	1	0.00000905	1	0.0000013	0	0.000017	1	0.0000073	1	0.000018	1	0.0011	1	0.0035	1	0.0000015	1	0.0000022	1	0.000132	1
1,2,3,6,7,8-Hexachlorodibenzofuran	0.0000258	1	0.0000054	1	0.0000013	0	0.000012	1	0.0000064	1	0.000013	1	0.00078	1	0.0021	1	0.0000011	1	0.0000015	1	0.000072	1
1,2,3,7,8,9-Hexachlorodibenzofuran	0.0000039	1	0.00000121	1	0.0000013	0	0.0000021	1	0.0000006	1	0.0000017	1	0.00012	1	0.00021	1	0.00000033	1	0.00000135	0	0.0000127	1
1,2,3,7,8-Pentachlorodibenzofuran	0.0000189	1	0.0000036	1	0.0000013	0	0.00001	1	0.0000039	1	0.0000086	1	0.00051	1	0.0019	1	0.00000095	1	0.000001	1	0.0000587	1
2,3,4,6,7,8-Hexachlorodibenzofuran	0.0000155	1	0.00000325	1	0.0000013	0	0.000003	1	0.0000015	1	0.0000035	1	0.00014	1	0.00035	1	0.00000047	1	0.00000039	1	0.0000487	1
2,3,4,7,8-Pentachlorodibenzofuran	0.0000132	1	0.00000207	1	0.0000013	0	0.0000056	1	0.0000021	1	0.0000053	1	0.00025	1	0.00074	1	0.0000005	1	0.00000052	1	0.0000295	1
2,3,7,8-Tetrachlorodibenzofuran	0.0000125	1	0.00000134	1	0.00000026	0	0.0000049	1	0.0000031	1	0.0000061	1	0.00025	1	0.00072	1	0.00000026	0	0.00000051	1	0.0000316	1
PCB-077 (3,3',4,4'-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-081 (3,4,4',5-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-105 (2,3,3',4,4'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-114 (2,3,4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-118 (2,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-123 (2,3',4,4',5'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-126 (3,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-167 (2,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-169 (3,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-189 (2,3,3',4,4',5,5'-HpCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	1.71136E-05	1	3.51247E-06	1	0.00000297	1	0.000007695	1	3.30669E-06	1	8.20926E-06	1	0.00043145	1	0.001249359	1	2.31765E-06	1	2.88083E-06	1	5.49067E-05	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	3.87026E-05	1	6.33462E-06	1	4.0093E-06	1	1.65281E-05	1	7.75683E-06	1	1.78124E-05	1	0.00085699	1	0.002521123	1	2.87827E-06	1	3.57877E-06	1	0.000106158	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-1 SA150-1BR		DU-1 SA151-0.5B		DU-1 SA152-0.5B		DU-1 SA152009-0.5B		DU-1 SA157-0.5B		DU-1 SA157009-0.5B		DU-1 SA158-0.5B		DU-1 SA166-0.5B		DU-1 SA167-0BPC		DU-1 SA171-5B		DU-1 SA173-0.5B	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.0000012	1	0.00002	1	0.0000159	1	0.00000917	1	0.0000083	1	0.0000063	1	0.000138	1	0.00000503	1	0.00078	1	0.00000095	1	0.0000731	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.0000015	1	0.0000019	1	0.0000137	1	0.0000015	1	0.0000068	1	0.0000047	1	0.000092	1	0.00000225	1	0.00067	1	0.0000013	0	0.0000523	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.000000165	0	0.0000013	0	0.00000197	1	0.000000064	0	0.00000076	1	0.0000006	1	0.0000146	1	0.000000247	1	0.00011	1	0.0000013	0	0.00000623	1
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.00000037	1	0.00000021	1	0.00000433	1	0.000000057	0	0.000002	1	0.0000013	1	0.0000271	1	0.000000645	1	0.00022	1	0.0000013	0	0.0000139	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.00000052	1	0.0000003	1	0.0000059	1	0.000000605	1	0.0000023	1	0.0000016	1	0.0000317	1	0.000000704	1	0.00013	1	0.0000013	0	0.0000152	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.000000205	0	0.0000013	0	0.00000379	1	7.35E-08	0	0.0000013	1	0.0000011	1	0.0000186	1	0.000000506	1	0.00018	1	0.0000013	0	0.0000113	1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.000000105	0	0.00000026	0	0.00000111	1	0.000000076	0	0.00000037	1	0.00000044	1	0.00000461	1	0.000000433	1	0.00005	1	0.00000026	0	0.00000437	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.000037	1	0.0000059	1	0.000518	1	0.00000645	1	0.0002	1	0.00013	1	0.0035	1	0.0000984	1	0.02	1	0.0000026	0	0.00201	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.000015	1	0.0000019	1	0.000187	1	0.00000252	1	0.000088	1	0.000056	1	0.00102	1	0.0000207	1	0.0094	1	0.0000013	0	0.000635	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.0000067	1	0.00000084	1	0.0000922	1	0.000000941	1	0.000036	1	0.000022	1	0.000502	1	0.00000765	1	0.004	1	0.0000013	0	0.000292	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.0000048	1	0.0000013	1	0.000107	1	0.000000952	1	0.0000034	1	0.0000022	1	0.0000534	1	0.00000968	1	0.003	1	0.0000013	0	0.000304	1
1,2,3,6,7,8-Hexachlorodibenzofuran	0.0000033	1	0.00000077	1	0.000063	1	0.000000634	1	0.000024	1	0.000016	1	0.000314	1	0.00000583	1	0.0029	1	0.0000013	0	0.000191	1
1,2,3,7,8,9-Hexachlorodibenzofuran	0.00000053	1	0.00000023	1	0.00001	1	1.565E-07	0	0.0000048	1	0.0000025	1	0.0000535	1	0.000000865	1	0.00072	1	0.0000013	0	0.0000298	1
1,2,3,7,8-Pentachlorodibenzofuran	0.0000026	1	0.00000099	1	0.000052	1	0.000000077	0	0.000019	1	0.000014	1	0.00023	1	0.00000508	1	0.0022	1	0.0000013	0	0.000266	1
2,3,4,6,7,8-Hexachlorodibenzofuran	0.00000087	1	0.00000047	1	0.0000159	1	0.000000134	0	0.0000069	1	0.0000043	1	0.0000681	1	0.00000154	1	0.00057	1	0.0000013	0	0.0001	1
2,3,4,7,8-Pentachlorodibenzofuran	0.0000013	1	0.00000084	1	0.0000279	1	0.000000076	0	0.0000084	1	0.0000075	1	0.000109	1	0.00000203	1	0.0011	1	0.0000013	0	0.000112	1
2,3,7,8-Tetrachlorodibenzofuran	0.0000023	1	0.000001	1	0.0000112	1	0.00000335	1	0.000024	1	0.000021	1	0.000103	1	0.0000231	1	0.00088	1	0.000000079	1	0.000555	1
PCB-077 (3,3',4,4'-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0000379	1	--	--	--	--	--	--
PCB-081 (3,4,4',5-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0000041	1	--	--	--	--	--	--
PCB-105 (2,3,3',4,4'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.000115	1	--	--	--	--	--	--
PCB-114 (2,3,4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000977	1	--	--	--	--	--	--
PCB-118 (2,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00026	1	--	--	--	--	--	--
PCB-123 (2,3',4,4',5'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000578	1	--	--	--	--	--	--
PCB-126 (3,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000466	1	--	--	--	--	--	--
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.000054	1	--	--	--	--	--	--
PCB-167 (2,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.000029	1	--	--	--	--	--	--
PCB-169 (3,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.000000283	0	--	--	--	--	--	--
PCB-189 (2,3,3',4,4',5,5'-HpCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.000011	1	--	--	--	--	--	--
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	2.30696E-06	1	2.45387E-06	1	3.98492E-05	1	8.24156E-07	1	1.60065E-05	1	1.20079E-05	1	0.000194641	1	6.29853E-06	1	0.001625934	1	2.94697E-06	1	0.000189181	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.94047E-07	--	--	--	--	--	--	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	5.40627E-06	1	3.90499E-06	1	7.23809E-05	1	3.87279E-06	1	4.44956E-05	1	3.69213E-05	1	0.000375017	1	2.87538E-05	1	0.003306448	1	3.82466E-06	1	0.000783251	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.79222E-06	--	--	--	--	--	--	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-1 SA173009-0.5B		DU-1 SA176-0.5B		DU-1 SA179-0.5B		DU-1 SA18-0.5		DU-1 SA180-0.5B		DU-1 SA185-0.5B		DU-1 SA186-0.5B		DU-1 SA189-0.5B		DU-1 SA19-0.5		DU-1 SA200-0BPC		DU-1 SA207-12BPC	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.0000738	1	0.00000107	1	0.0000447	1	0.000001964	1	--	--	0.00000854	1	0.0000163	1	0.000413	1	0.000157306	1	0.00012	1	0.000063	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.0000499	1	0.000000114	0	0.0000417	1	0.000000516	1	--	--	0.00000182	1	0.0000131	1	0.000369	1	0.000145429	1	0.000064	1	0.000056	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.0000053	1	9.75E-08	0	0.00000521	1	0.000000063	1	--	--	0.000000102	1	0.0000018	1	0.0000592	1	0.000017947	1	0.0000093	1	0.0000063	1
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.0000137	1	0.00000008	0	0.00001	1	0.00000013	1	--	--	0.000000426	1	0.00000351	1	0.000103	1	0.000032612	1	0.000016	1	0.000014	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.0000158	1	8.75E-08	0	0.0000116	1	0.000000117	1	--	--	0.000000426	1	0.00000319	1	0.00012	1	0.000037309	1	0.0000082	1	0.0000099	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.0000117	1	0.000000153	0	0.00000603	1	0.00000007	1	--	--	0.000000197	1	0.00000225	1	0.0000735	1	0.000024099	1	0.000011	1	0.0000085	1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.00000472	1	2.065E-07	0	0.00000228	1	1.45E-08	0	--	--	4.02E-08	0	0.000000695	1	0.0000259	1	0.000007426	1	0.0000031	1	0.0000034	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.00187	1	0.00000783	1	0.00124	1	0.000014408	1	--	--	0.0000373	1	0.000552	1	0.0165	1	0.004379503	1	0.0024	1	0.003	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.000599	1	0.0000025	1	0.000401	1	0.000006645	1	--	--	0.0000105	1	0.000183	1	0.00617	1	0.001580034	1	0.00068	1	0.0011	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.000278	1	0.00000142	1	0.00018	1	0.000002093	1	--	--	0.00000385	1	0.0000783	1	0.0026	1	0.000831444	1	0.00032	1	0.00044	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.000296	1	0.00000353	1	0.000215	1	0.000002577	1	--	--	0.0000046	1	0.0000777	1	0.00277	1	0.000652232	1	0.00021	1	0.00037	1
1,2,3,6,7,8-Hexachlorodibenzofuran	0.000176	1	0.00000116	1	0.000134	1	0.00000145	1	--	--	0.00000296	1	0.0000505	1	0.00184	1	0.000425762	1	0.00017	1	0.00026	1
1,2,3,7,8,9-Hexachlorodibenzofuran	0.0000308	1	0.000000165	0	0.0000204	1	9.25E-08	0	--	--	0.000000471	1	0.00000864	1	0.000164	1	0.000052981	1	0.000032	1	0.000038	1
1,2,3,7,8-Pentachlorodibenzofuran	0.000256	1	0.00000185	1	0.0000913	1	0.000000985	1	--	--	0.00000271	1	0.0000313	1	0.00114	1	0.000314428	1	0.00017	1	0.00016	1
2,3,4,6,7,8-Hexachlorodibenzofuran	0.000096	1	1.515E-07	0	0.0000669	1	0.000000488	1	--	--	0.00000167	1	0.0000306	1	0.000318	1	0.000216799	1	0.000046	1	0.000065	1
2,3,4,7,8-Pentachlorodibenzofuran	0.000112	1	0.000000113	0	0.0000416	1	0.000000265	1	--	--	0.00000136	1	0.0000157	1	0.000499	1	0.000128463	1	0.000092	1	0.0001	1
2,3,7,8-Tetrachlorodibenzofuran	0.000541	1	0.000000393	0	0.0000414	1	0.000000365	0	--	--	0.0000018	1	0.0000157	1	0.002	1	0.000181098	1	0.000081	1	0.00009	1
PCB-077 (3,3',4,4'-TeCB)	--	--	--	--	--	--	--	--	0.0005	1	--	--	--	--	--	--	--	--	--	--	--	--
PCB-081 (3,4,4',5-TeCB)	--	--	--	--	--	--	--	--	0.000327	1	--	--	--	--	--	--	--	--	--	--	--	--
PCB-105 (2,3,3',4,4'-PeCB)	--	--	--	--	--	--	--	--	0.00249	1	--	--	--	--	--	--	--	--	--	--	--	--
PCB-114 (2,3,4,4',5-PeCB)	--	--	--	--	--	--	--	--	0.000294	1	--	--	--	--	--	--	--	--	--	--	--	--
PCB-118 (2,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	0.00525	1	--	--	--	--	--	--	--	--	--	--	--	--
PCB-123 (2,3',4,4',5'-PeCB)	--	--	--	--	--	--	--	--	0.000257	1	--	--	--	--	--	--	--	--	--	--	--	--
PCB-126 (3,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	0.000167	1	--	--	--	--	--	--	--	--	--	--	--	--
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	--	--	--	--	--	--	--	--	0.00168	1	--	--	--	--	--	--	--	--	--	--	--	--
PCB-167 (2,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	0.000592	1	--	--	--	--	--	--	--	--	--	--	--	--
PCB-169 (3,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	0.000169	1	--	--	--	--	--	--	--	--	--	--	--	--
PCB-189 (2,3,3',4,4',5,5'-HpCB)	--	--	--	--	--	--	--	--	0.00025	1	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	0.000185012	1	1.05836E-06	1	8.05924E-05	1	8.19252E-07	1	--	--	2.14745E-06	1	3.06725E-05	1	0.001117184	1	0.000268101	1	0.000115446	1	0.000148899	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	2.22425E-05	1	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	0.000765896	1	1.60578E-06	1	0.000151571	1	1.37943E-06	1	--	--	4.84016E-06	1	5.7346E-05	1	0.00332735	1	0.000536974	1	0.000261661	1	0.000308407	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	7.50789E-05	1	--	--	--	--	--	--	--	--	--	--	--	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-1 SA35-0.5B		DU-1 SA50-0.5B		DU-1 SA55-0.5B		DU-1 SA62-0.5B		DU-1 SA67-0.5B		DU-1 SA69-0.5B		DU-1 SA70-0BPC		DU-1 SA71-0.5B		DU-1 SA72-0.5B		DU-1 SA73-0.5B		DU-1 SA74-0.5B	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.0000254	1	0.00000347	1	0.00000115	1	0.0000229	1	0.0000549	1	0.0000047	1	0.000017	1	0.000129	1	0.00159	1	0.00000368	1	0.00000809	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.00000523	1	0.0000022	1	1.265E-07	0	0.0000153	1	0.0000285	1	0.00000336	1	0.0000067	1	0.000141	1	0.000279	1	0.00000207	1	0.00000595	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.805E-07	0	0.000000239	1	1.155E-07	0	0.00000154	1	0.00000334	1	0.000000491	1	0.00000079	1	0.0000191	1	0.00000486	1	0.000000071	0	0.000000907	1
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.000000772	1	0.000000636	1	9.45E-08	0	0.0000037	1	0.00000649	1	0.00000099	1	0.0000017	1	0.0000378	1	0.0000119	1	0.00000052	1	0.00000185	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.00000109	1	0.000000609	1	1.035E-07	0	0.00000372	1	0.00000645	1	0.00000105	1	0.00000095	1	0.0000413	1	0.000012	1	0.000000666	1	0.00000188	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.00000022	0	0.000000403	1	1.785E-07	0	0.0000026	1	0.00000535	1	0.000000659	1	0.0000013	1	0.0000298	1	0.00000222	1	0.000000353	1	0.00000112	1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	2.835E-07	0	0.000000257	1	0.000000218	0	0.000000697	1	0.00000159	1	0.000000224	1	0.00000048	1	0.00000561	1	0.000000375	1	4.895E-08	0	0.00000032	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.0000832	1	0.0000823	1	0.00000317	1	0.000549	1	0.000921	1	0.000121	1	0.0002	1	0.00558	1	0.000498	1	0.0000521	1	0.000163	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.0000261	1	0.0000224	1	0.00000112	1	0.000152	1	0.00031	1	0.0000426	1	0.00008	1	0.00179	1	0.000284	1	0.0000185	1	0.0000554	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.0000115	1	0.0000115	1	0.000000471	1	0.0000713	1	0.000144	1	0.0000189	1	0.000033	1	0.0008	1	0.0000422	1	0.00000888	1	0.0000224	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.0000135	1	0.000012	1	0.000000588	1	0.0000686	1	0.000184	1	0.00002	1	0.000027	1	0.00085	1	0.0000478	1	0.0000104	1	0.0000314	1
1,2,3,6,7,8-Hexachlorodibenzofuran	0.00000695	1	0.00000766	1	1.475E-07	0	0.0000451	1	0.0000947	1	0.0000113	1	0.000021	1	0.000485	1	0.0000341	1	0.00000669	1	0.0000185	1
1,2,3,7,8,9-Hexachlorodibenzofuran	0.000000641	1	0.00000153	1	1.815E-07	0	0.00000529	1	0.0000143	1	0.00000165	1	0.0000035	1	0.000063	1	0.00000348	1	0.000000927	1	0.0000022	1
1,2,3,7,8-Pentachlorodibenzofuran	0.00000486	1	0.00000673	1	1.265E-07	0	0.0000306	1	0.0000947	1	0.0000081	1	0.000022	1	0.000335	1	0.0000175	1	0.00000592	1	0.0000145	1
2,3,4,6,7,8-Hexachlorodibenzofuran	0.000002	1	0.0000047	1	0.000000167	0	0.000026	1	0.0000507	1	0.00000677	1	0.0000056	1	0.000288	1	0.000021	1	0.00000329	1	0.0000103	1
2,3,4,7,8-Pentachlorodibenzofuran	0.0000031	1	0.00000556	1	1.235E-07	0	0.0000165	1	0.00004	1	0.00000446	1	0.000011	1	0.00017	1	0.00000872	1	0.00000264	1	0.00000698	1
2,3,7,8-Tetrachlorodibenzofuran	0.00000624	1	0.00000557	1	0.000000283	0	0.000016	1	0.0000799	1	0.00000346	1	0.000015	1	0.000153	1	0.0000074	1	0.00000177	1	0.00000737	1
PCB-077 (3,3',4,4'-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-081 (3,4,4',5-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-105 (2,3,3',4,4'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-114 (2,3,4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-118 (2,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-123 (2,3',4,4',5'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-126 (3,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-167 (2,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-169 (3,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-189 (2,3,3',4,4',5,5'-HpCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	5.17753E-06	1	6.21103E-06	1	6.23866E-07	1	2.87176E-05	1	7.08868E-05	1	7.72141E-06	1	1.45561E-05	1	0.000319203	1	2.66684E-05	1	4.11618E-06	1	1.22985E-05	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	1.31564E-05	1	1.5481E-05	1	9.57589E-07	1	5.61475E-05	1	0.000176223	1	1.43554E-05	1	3.69999E-05	1	0.000592585	1	3.64148E-05	1	7.89145E-06	1	2.45329E-05	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-1 SA75-0.5B		DU-1 SA75-0BPC		DU-1 SA75-1BR		DU-1 SA85-0.5B		DU-1 SA87-0.5B		DU-1 SA92-0.5B		DU-1 SA92-1.5BR		DU-1 SA92-1BR		DU-1 SSAI3-01-3BPC		DU-1 SSAI3-02-14BPC		DU-1 SSAI3-02-15BPC	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.000448	1	0.0000016	1	0.0000025	1	0.0000648	1	0.000519	1	0.000377	1	0.000001	1	0.0000025	1	0.000058	1	0.0000078	1	0.0000012	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.00038	1	0.000001	1	0.00000079	1	0.0000558	1	0.000236	1	0.000377	1	0.00000054	1	0.0000021	1	0.00007	1	0.00000061	1	0.00000018	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.0000678	1	0.00000015	1	0.00000018	0	0.00000585	1	0.0000359	1	0.0000539	1	0.000000165	0	0.00000013	0	0.000013	1	4.95E-08	0	0.000000036	0
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.000127	1	0.00000055	1	0.00000035	1	0.0000146	1	0.0000539	1	0.000112	1	0.00000013	0	0.00000047	1	0.000026	1	0.000000046	0	0.000000089	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.000145	1	0.00000052	1	0.0000003	1	0.0000155	1	0.00005	1	0.00013	1	0.00000012	0	0.00000033	1	0.000015	1	0.000000041	0	0.00000016	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.0000913	1	0.00000016	0	0.0000002	0	0.0000101	1	0.0000405	1	0.0000897	1	0.00000013	0	0.000000175	0	0.000019	1	4.35E-08	0	0.00000006	0
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.0000243	1	0.00000022	1	0.00000011	0	0.0000026	1	0.0000166	1	0.0000188	1	0.00000007	0	0.000000085	0	0.0000047	1	2.45E-08	0	2.25E-08	0
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.0132	1	0.000025	1	0.000031	1	0.00185	1	0.00438	1	0.0176	1	0.000021	1	0.000069	1	0.0019	1	0.0000005	1	0.00000042	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.00396	1	0.000014	1	0.000011	1	0.000715	1	0.00111	1	0.00641	1	0.000009	1	0.000023	1	0.00096	1	0.00000028	1	0.00000017	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.0017	1	0.0000056	1	0.0000046	1	0.000339	1	0.000603	1	0.00305	1	0.0000045	1	0.00001	1	0.00045	1	0.000000075	0	4.95E-08	0
1,2,3,4,7,8-Hexachlorodibenzofuran	0.00272	1	0.0000063	1	0.0000035	1	0.000313	1	0.000909	1	0.00346	1	0.000003	1	0.0000087	1	0.00044	1	0.00000005	0	0.00000006	0
1,2,3,6,7,8-Hexachlorodibenzofuran	0.00158	1	0.0000046	1	0.0000029	1	0.000197	1	0.000383	1	0.00221	1	0.0000021	1	0.0000066	1	0.00033	1	4.85E-08	0	0.000000055	0
1,2,3,7,8,9-Hexachlorodibenzofuran	0.000219	1	0.00000091	1	0.0000005	1	0.0000253	1	0.0000512	1	0.000266	1	0.00000019	0	0.000001	1	0.000065	1	0.00000005	0	0.00000006	0
1,2,3,7,8-Pentachlorodibenzofuran	0.00175	1	0.0000044	1	0.0000021	1	0.000144	1	0.000445	1	0.00146	1	0.000001	1	0.0000054	1	0.0003	1	3.85E-08	0	0.000000041	0
2,3,4,6,7,8-Hexachlorodibenzofuran	0.000797	1	0.00000089	1	0.00000086	1	0.000109	1	0.000195	1	0.00123	1	0.00000058	1	0.0000019	1	0.000087	1	4.95E-08	0	0.00000006	0
2,3,4,7,8-Pentachlorodibenzofuran	0.000897	1	0.0000021	1	0.000001	1	0.000067	1	0.000177	1	0.000506	1	0.00000086	1	0.0000029	1	0.00015	1	4.25E-08	0	0.000000045	0
2,3,7,8-Tetrachlorodibenzofuran	0.00106	1	0.0000026	1	0.0000017	1	0.000075	1	0.00045	1	0.00169	1	0.0000015	1	0.0000043	1	0.00012	1	3.25E-08	0	0.000000075	1
PCB-077 (3,3',4,4'-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-081 (3,4,4',5-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-105 (2,3,3',4,4'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-114 (2,3,4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-118 (2,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-123 (2,3',4,4',5'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-126 (3,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-167 (2,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-169 (3,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-189 (2,3,3',4,4',5,5'-HpCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	0.001173274	1	3.00798E-06	1	1.87595E-06	1	0.000124317	1	0.00035731	1	0.001323053	1	1.4135E-06	1	4.00745E-06	1	0.000202687	1	1.30745E-07	1	1.61211E-07	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	0.002856705	1	7.05466E-06	1	4.19864E-06	1	0.000246306	1	0.00090761	1	0.00328069	1	3.40629E-06	1	1.02035E-05	1	0.000432676	1	1.78675E-07	1	2.51327E-07	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-1 SSAI3-07-10BPC		DU-1 SSAJ3-05-8BPC		DU-1 SSAJ3-07-5BPC		DU-1 SSAJ3-10-0.0_01_BPC		DU-1 SSAK2-02-0.0_01_BPC		DU-1 SSAK3-02-1BPC		DU-1 SSAK4-01-0BPC		DU-1 SSAK4-02-0BPC		DU-1 SSAK4-02-1BPC		DU-1 SSAK5-01-0BPC		DU-1 SSAK5-01-1BPC	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.00001	1	0.000052	1	0.000016	1	0.000012	1	0.00000074	1	0.0000014	1	0.00098	1	0.00013	1	0.00026	1	0.00068	1	0.023	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.000011	1	0.000053	1	0.000016	1	0.00000087	1	0.00000026	1	0.00000037	1	0.00093	1	0.00013	1	0.00025	1	0.00069	1	0.0015	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.0000014	1	0.0000091	1	0.0000029	1	0.00000095	1	0.00000007	1	0.000000032	0	0.00015	1	0.000016	1	0.00004	1	0.00012	1	0.000045	1
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.0000032	1	0.000014	1	0.0000044	1	0.000002	1	0.00000012	1	0.00000014	1	0.00026	1	0.000033	1	0.000078	1	0.00021	1	0.000093	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.0000023	1	0.000012	1	0.0000038	1	0.0000013	1	0.00000012	1	0.00000012	1	0.00014	1	0.000034	1	0.000078	1	0.0002	1	0.000081	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.000002	1	0.000012	1	0.0000036	1	0.0000015	1	0.000000016	0	3.35E-08	0	0.00017	1	0.000027	1	0.000053	1	0.00014	1	0.000069	1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.0000006	1	0.0000034	1	0.0000013	1	0.00000053	1	1.25E-08	0	1.55E-08	0	0.000047	1	0.0000083	1	0.000015	1	0.000041	1	0.000023	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.00041	1	0.0017	1	0.00062	1	0.00028	1	0.0000043	1	0.0000057	1	0.034	1	0.0049	1	0.011	1	0.025	1	0.014	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.00015	1	0.00066	1	0.00022	1	0.00011	1	0.0000016	1	0.000002	1	0.012	1	0.0015	1	0.003	1	0.0095	1	0.0041	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.00007	1	0.00029	1	0.00011	1	0.000056	1	0.00000063	1	0.0000008	1	0.0054	1	0.00075	1	0.0016	1	0.0046	1	0.0018	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.000058	1	0.00028	1	0.000093	1	0.00005	1	0.00000062	1	0.00000095	1	0.0032	1	0.00074	1	0.0013	1	0.0039	1	0.0019	1
1,2,3,6,7,8-Hexachlorodibenzofuran	0.000043	1	0.00018	1	0.000057	1	0.000033	1	0.00000052	1	0.00000043	1	0.0029	1	0.00049	1	0.00086	1	0.0023	1	0.0013	1
1,2,3,7,8,9-Hexachlorodibenzofuran	0.0000076	1	0.00003	1	0.000011	1	0.0000056	1	0.00000011	1	0.00000035	1	0.00048	1	0.000083	1	0.00017	1	0.00043	1	0.00021	1
1,2,3,7,8-Pentachlorodibenzofuran	0.00003	1	0.00014	1	0.000046	1	0.000021	1	0.00000033	1	0.00000046	1	0.0022	1	0.00035	1	0.00066	1	0.002	1	0.00095	1
2,3,4,6,7,8-Hexachlorodibenzofuran	0.00001	1	0.000037	1	0.000013	1	0.000011	1	0.00000015	1	0.0000001	1	0.00058	1	0.00011	1	0.0002	1	0.00042	1	0.00029	1
2,3,4,7,8-Pentachlorodibenzofuran	0.000016	1	0.000074	1	0.000023	1	0.000012	1	0.00000019	1	0.00000019	1	0.0012	1	0.00019	1	0.00034	1	0.0011	1	0.00048	1
2,3,7,8-Tetrachlorodibenzofuran	0.000014	1	0.000077	1	0.000032	1	0.000012	1	0.00000042	1	0.00000026	1	0.00096	1	0.00015	1	0.00031	1	0.001	1	0.00047	1
PCB-077 (3,3',4,4'-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-081 (3,4,4',5-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-105 (2,3,3',4,4'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-114 (2,3,4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-118 (2,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-123 (2,3',4,4',5'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-126 (3,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-167 (2,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-169 (3,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-189 (2,3,3',4,4',5,5'-HpCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	0.000024686	1	0.000116266	1	3.85408E-05	1	1.96796E-05	1	3.34812E-07	1	3.9183E-07	1	0.001703794	1	0.000293709	1	0.000545278	1	0.001584604	1	0.0007885	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	0.000050045	1	0.000244623	1	8.58486E-05	1	3.99854E-05	1	8.51264E-07	1	7.7208E-07	1	0.003515528	1	0.000580263	1	0.001094956	1	0.003358358	1	0.00158248	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-1 SSAK5-03-1BPC		DU-1 SSAK5-05-9BPC		DU-1 SSAK6-03-3BPC		DU-1 SSAK7-03-1BPC		DU-1 SSAK8-02-1BPC		DU-1 SSAK8-05-1BPC		DU-1 SSAK8-06-3BPC		DU-1 SSAK8-07-0BPC		DU-1 SSAK8-09-0BPC		DU-1 SSAL3-05-1BPC		DU-1 SSAL3-07-0BPC	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.000016	1	0.0000028	1	0.00019	1	0.000021	1	0.00038	1	0.000013	1	0.001	1	0.0013	1	0.00017	1	0.00000044	1	0.00025	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.000013	1	0.000001	1	0.00017	1	0.00002	1	0.00037	1	0.000016	1	0.00089	1	0.0011	1	0.00017	1	0.00000035	1	0.00022	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.0000022	1	0.00000012	1	0.000021	1	0.0000025	1	0.000047	1	0.0000021	1	0.00013	1	0.00012	1	0.000021	1	2.75E-08	0	0.000032	1
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.0000041	1	0.00000044	1	0.000043	1	0.0000066	1	0.000097	1	0.0000052	1	0.00026	1	0.00031	1	0.000045	1	0.00000015	1	0.000061	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.0000046	1	0.00000033	1	0.00004	1	0.000004	1	0.000095	1	0.000003	1	0.00024	1	0.00025	1	0.000034	1	0.00000016	1	0.000043	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.0000032	1	0.0000000085	0	0.000032	1	0.0000042	1	0.000066	1	0.0000029	1	0.00017	1	0.00024	1	0.000034	1	3.15E-08	0	0.000042	1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.0000013	1	0.00000008	0	0.000012	1	0.0000013	1	0.000019	1	0.00000069	1	0.00005	1	0.000061	1	0.0000087	1	1.95E-08	0	0.000012	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.00056	1	0.000012	1	0.0079	1	0.00086	1	0.016	1	0.00047	1	0.027	1	0.04	1	0.0051	1	0.000011	1	0.0072	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.00018	1	0.0000047	1	0.0025	1	0.00025	1	0.0049	1	0.00017	1	0.011	1	0.014	1	0.0022	1	0.0000033	1	0.0029	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.000088	1	0.0000019	1	0.0013	1	0.00015	1	0.0026	1	0.000069	1	0.0046	1	0.0077	1	0.0011	1	0.0000014	1	0.0014	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.000082	1	0.0000017	1	0.00098	1	0.000076	1	0.0022	1	0.000084	1	0.0048	1	0.0056	1	0.0007	1	0.0000016	1	0.00092	1
1,2,3,6,7,8-Hexachlorodibenzofuran	0.000056	1	0.0000013	1	0.00069	1	0.000086	1	0.0015	1	0.000065	1	0.0032	1	0.0045	1	0.00066	1	0.00000099	1	0.00071	1
1,2,3,7,8,9-Hexachlorodibenzofuran	0.000011	1	0.0000004	1	0.00012	1	0.000014	1	0.00024	1	0.0000076	1	0.0006	1	0.00065	1	0.00009	1	0.00000021	1	0.00013	1
1,2,3,7,8-Pentachlorodibenzofuran	0.000049	1	0.000001	1	0.00047	1	0.000055	1	0.00097	1	0.000052	1	0.0023	1	0.0032	1	0.00051	1	0.0000008	1	0.00063	1
2,3,4,6,7,8-Hexachlorodibenzofuran	0.000012	1	0.00000042	1	0.00017	1	0.00002	1	0.00036	1	0.000017	1	0.00072	1	0.0014	1	0.00019	1	0.0000002	1	0.00017	1
2,3,4,7,8-Pentachlorodibenzofuran	0.000025	1	0.00000041	1	0.00025	1	0.00003	1	0.00052	1	0.000025	1	0.0012	1	0.0016	1	0.00025	1	0.00000045	1	0.00032	1
2,3,7,8-Tetrachlorodibenzofuran	0.000043	1	0.00000022	0	0.00027	1	0.000028	1	0.00041	1	0.000022	1	0.0012	1	0.0018	1	0.00026	1	0.00000048	1	0.0004	1
PCB-077 (3,3',4,4'-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-081 (3,4,4',5-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-105 (2,3,3',4,4'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-114 (2,3,4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-118 (2,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-123 (2,3',4,4',5'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-126 (3,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-167 (2,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-169 (3,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-189 (2,3,3',4,4',5,5'-HpCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	3.79428E-05	1	8.9144E-07	1	0.000408627	1	4.43243E-05	1	0.000848614	1	3.59349E-05	1	0.0019373	1	0.00258039	1	0.000369281	1	6.45682E-07	1	0.000462935	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	9.68616E-05	1	1.38888E-06	1	0.000851459	1	9.32991E-05	1	0.001631828	1	7.60613E-05	1	0.00397479	1	0.00549233	1	0.000806297	1	1.42837E-06	1	0.001080475	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-1 SSAL6-01-1BPC		DU-1 SSAL7-02-1BPC		DU-1 SSAL8-01-1BPC		DU-1 SSAM6-02-5BPC		DU-1 SSAN5-04-0BPC		DU-1 SSAN6-03-0BPC		DU-1 SSAN6-03-1BPC		DU-1 SSAN6-08-2.0_01_BPC		DU-1 SSAN6-08-3.0_01_BPC		DU-1 SSAN6-08-4.0_01_BPC		DU-1 SSAN7-02-1BPC	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.0000068	1	0.0000021	0	0.0000014	0	0.00081	1	0.0066	1	0.000075	1	0.000022	1	0.00041	1	0.000073	1	0.000019	1	0.00004	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.0000036	1	0.0000034	1	0.00000135	0	0.00073	1	0.00012	1	0.000042	1	0.000019	1	0.00042	1	0.000072	1	0.000018	1	0.000039	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.000000305	0	0.00000155	0	0.000000115	0	0.00012	1	0.0000025	1	0.0000047	1	0.0000025	1	0.000053	1	0.000009	1	0.0000023	1	0.0000066	1
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.000000265	0	0.00000135	0	0.000000105	0	0.0002	1	0.0000062	1	0.000012	1	0.0000055	1	0.00011	1	0.00002	1	0.0000053	1	0.000015	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.00000066	1	0.0000013	0	0.000000095	0	0.0002	1	0.0000048	1	0.0000092	1	0.0000054	1	0.00011	1	0.000021	1	0.000005	1	0.000011	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.000000315	0	0.0000013	0	0.00000011	0	0.00016	1	0.000004	1	0.0000081	1	0.0000037	1	0.000081	1	0.000015	1	0.0000034	1	0.000011	1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.000000135	0	0.000000375	0	0.00000006	0	0.000056	1	0.0000013	1	0.0000024	1	0.0000011	1	0.000025	1	0.0000042	1	0.0000012	1	0.0000024	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.00015	1	0.00012	1	0.000013	1	0.028	1	0.00076	1	0.0011	1	0.00067	1	0.015	1	0.0023	1	0.00053	1	0.0013	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.000056	1	0.00003	1	0.0000033	1	0.0084	1	0.00026	1	0.00052	1	0.00026	1	0.0047	1	0.00086	1	0.00022	1	0.0005	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.000032	1	0.000014	1	0.000002	1	0.0041	1	0.000093	1	0.0002	1	0.00013	1	0.0022	1	0.0003	1	0.000083	1	0.00027	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.000016	1	0.000018	1	0.0000014	1	0.004	1	0.0001	1	0.00018	1	0.00013	1	0.0017	1	0.00033	1	0.000082	1	0.00023	1
1,2,3,6,7,8-Hexachlorodibenzofuran	0.000013	1	0.0000096	1	0.0000011	1	0.0025	1	0.000076	1	0.00014	1	0.000074	1	0.0013	1	0.00024	1	0.000062	1	0.0002	1
1,2,3,7,8,9-Hexachlorodibenzofuran	0.000002	1	0.0000055	0	0.00000023	0	0.00048	1	0.000012	1	0.000022	1	0.000013	1	0.00018	1	0.00003	1	0.0000094	1	0.000042	1
1,2,3,7,8-Pentachlorodibenzofuran	0.000008	1	0.00000435	0	0.00000032	0	0.0019	1	0.000062	1	0.00011	1	0.000049	1	0.0011	1	0.00018	1	0.000042	1	0.00016	1
2,3,4,6,7,8-Hexachlorodibenzofuran	0.0000025	1	0.00000485	0	0.000000205	0	0.00068	1	0.000016	1	0.000037	1	0.000018	1	0.00035	1	0.000063	1	0.000013	1	0.000044	1
2,3,4,7,8-Pentachlorodibenzofuran	0.000004	1	0.00000455	0	0.00000034	0	0.001	1	0.000032	1	0.000056	1	0.000026	1	0.00055	1	0.000095	1	0.000023	1	0.000077	1
2,3,7,8-Tetrachlorodibenzofuran	0.0000056	1	0.00000022	1	4.45E-08	0	0.00071	1	0.000045	1	0.000059	1	0.000026	1	0.00069	1	0.00011	1	0.000029	1	0.00013	1
PCB-077 (3,3',4,4'-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-081 (3,4,4',5-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-105 (2,3,3',4,4'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-114 (2,3,4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-118 (2,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-123 (2,3',4,4',5'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-126 (3,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-167 (2,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-169 (3,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-189 (2,3,3',4,4',5,5'-HpCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	6.88604E-06	1	7.91813E-06	1	6.8187E-07	1	0.001602943	1	0.000049948	1	8.49625E-05	1	4.58076E-05	1	0.000831123	1	0.000148432	1	3.69347E-05	1	0.000117652	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	1.51832E-05	1	1.13516E-05	1	9.5209E-07	1	0.003038611	1	0.000113953	1	0.000183035	1	8.99082E-05	1	0.001894711	1	0.000323159	1	8.12109E-05	1	0.000297453	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-1 SSAN7-02-1BPC_FD		DU-1 SSAO4-01-0BPC		DU-1 SSAO4-01-1BPC		DU-1 SSAO4-02-3BPC		DU-1 SSAO4-05-1BPC		DU-1 SSAO4-05-1BPC_FD		DU-1 SSAO7-01-1BPC		DU-1 SSAO7-01-1BPC_FD		DU-1 SSAO7-06-0BPC		DU-1 SSAO8-05-0BPC		DU-1 SSAP3-01-0BPC	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.000035	1	0.00014	1	0.000075	1	0.0000055	1	0.000082	1	0.000061	1	0.000022	1	0.000022	1	0.00005	1	0.000001	1	0.00071	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.000035	1	0.000058	1	0.000047	1	0.0000042	1	0.000056	1	0.00005	1	0.000014	1	0.000016	1	0.000011	1	0.00000027	1	0.00058	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.0000053	1	0.0000067	1	0.0000057	1	0.00000046	1	0.0000064	1	0.000007	1	0.0000024	1	0.0000026	1	0.00000088	1	0.000000049	0	0.000057	1
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.000012	1	0.000014	1	0.000013	1	0.000001	1	0.000013	1	0.000014	1	0.0000042	1	0.0000048	1	0.0000018	1	4.85E-08	0	0.00014	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.0000086	1	0.000011	1	0.000012	1	0.00000086	1	0.000013	1	0.000015	1	0.0000036	1	0.0000041	1	0.0000016	1	4.05E-08	0	0.0001	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.00001	1	0.000011	1	0.00001	1	0.00000049	1	0.000011	1	0.000013	1	0.0000034	1	0.000004	1	0.0000012	1	0.000000033	0	0.00012	1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.0000024	1	0.0000048	1	0.0000052	1	0.00000031	1	0.0000041	1	0.0000049	1	0.0000015	1	0.0000016	1	0.00000036	1	0.000000042	0	0.000025	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.0012	1	0.0022	1	0.0029	1	0.00025	1	0.0031	1	0.0026	1	0.00048	1	0.00094	1	0.00024	1	0.00000096	1	0.023	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.00044	1	0.00069	1	0.00063	1	0.000067	1	0.00081	1	0.00065	1	0.00017	1	0.0002	1	0.0001	1	0.0000005	1	0.0082	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.00022	1	0.00029	1	0.00031	1	0.000029	1	0.00031	1	0.00033	1	0.00011	1	0.000094	1	0.000039	1	0.00000019	1	0.003	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.00025	1	0.00022	1	0.00031	1	0.000025	1	0.00029	1	0.00031	1	0.000076	1	0.000096	1	0.000034	1	0.00000021	1	0.0026	1
1,2,3,6,7,8-Hexachlorodibenzofuran	0.00016	1	0.00017	1	0.00019	1	0.000017	1	0.00022	1	0.00021	1	0.00005	1	0.000063	1	0.00002	1	0.00000012	1	0.0021	1
1,2,3,7,8,9-Hexachlorodibenzofuran	0.000021	1	0.000034	1	0.000034	1	0.0000015	1	0.000036	1	0.000039	1	0.0000081	1	0.0000092	1	0.000004	1	3.55E-08	0	0.0003	1
1,2,3,7,8-Pentachlorodibenzofuran	0.00021	1	0.00018	1	0.00014	1	0.000011	1	0.00016	1	0.00018	1	0.000058	1	0.000062	1	0.000016	1	0.0000002	1	0.0014	1
2,3,4,6,7,8-Hexachlorodibenzofuran	0.000035	1	0.000041	1	0.000044	1	0.0000042	1	0.000052	1	0.000049	1	0.000012	1	0.000015	1	0.0000044	1	0.000000035	0	0.00056	1
2,3,4,7,8-Pentachlorodibenzofuran	0.000082	1	0.000088	1	0.000072	1	0.0000049	1	0.000082	1	0.000095	1	0.000024	1	0.000026	1	0.0000088	1	3.75E-08	0	0.00073	1
2,3,7,8-Tetrachlorodibenzofuran	0.00017	1	0.00017	1	0.00013	1	0.0000057	1	0.0001	1	0.00013	1	0.00016	1	0.0001	1	0.0000079	1	0.00000028	1	0.00073	1
PCB-077 (3,3',4,4'-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-081 (3,4,4',5-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-105 (2,3,3',4,4'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-114 (2,3,4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-118 (2,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-123 (2,3',4,4',5'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-126 (3,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-167 (2,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-169 (3,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-189 (2,3,3',4,4',5,5'-HpCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	0.000116811	1	0.000125352	1	0.000125633	1	9.25065E-06	1	0.000130255	1	0.000140298	1	4.85606E-05	1	4.81186E-05	1	0.000013725	1	1.84288E-07	1	0.001189613	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	0.000340004	1	0.000349967	1	0.00030036	1	1.83788E-05	1	0.000286224	1	0.000333806	1	0.000212696	1	0.00015976	1	0.000027752	1	4.66901E-07	1	0.002430201	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-1 SSAP3-01-1BPC		DU-2 RSAP7-0.5B		DU-2 RSAQ6-0.5B		DU-2 RSAQ7-0.5B		DU-2 RSAS3-0.5B		DU-2 RSAS3009-0.5B		DU-2 RSAT6-0.5B		DU-2 RSAU4-0.5B		DU-2 RSAU5-0.5B		DU-2 SA103-0.5B		DU-2 SA116-0.5B	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.00017	1	0.0000013	1	0.00001	1	0.0000027	1	0.000000986	1	0.00000331	1	0.00000298	1	0.000225	1	0.0000955	1	0.00008	1	0.00000317	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.00015	1	0.00000135	0	0.00000135	0	0.00000048	1	0.000000233	1	0.000000551	1	0.000000589	1	0.0000523	1	0.0000352	1	0.000023	1	0.000000335	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.000018	1	0.00000135	0	0.00000135	0	0.00000135	0	7.45E-09	0	1.105E-08	0	4.885E-08	0	0.000000384	1	2.19E-08	0	0.000002	1	2.93E-08	0
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.000041	1	0.00000135	0	0.00000135	0	0.00000135	0	0.000000147	1	0.000000117	1	4.645E-08	0	0.00000938	1	0.0000089	1	0.0000055	1	2.595E-08	0
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.000034	1	0.00000135	0	0.00000135	0	0.00000014	1	0.000000151	1	0.000000144	1	4.775E-08	0	0.00000494	1	0.00000386	1	0.0000041	1	2.825E-08	0
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.000027	1	0.00000135	0	0.00000135	0	0.00000135	0	5.1E-09	0	4.4E-09	0	4.995E-08	0	0.000000818	1	0.000000303	1	0.0000036	1	1.335E-08	0
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.0000089	1	0.00000027	0	0.00000027	0	0.00000027	0	4.45E-09	0	4.05E-09	0	2.75E-08	0	0.000000333	1	0.000000147	1	0.0000018	1	4.4E-09	0
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.0084	1	0.0000027	0	0.000011	1	0.000013	1	0.00000283	1	0.00000125	1	0.00000254	1	0.0000618	1	0.0000187	1	0.00059	1	0.000000745	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.0023	1	0.00000135	0	0.0000045	1	0.0000043	1	0.000000875	1	0.000000375	1	0.000000734	1	0.0000192	1	0.00000662	1	0.00018	1	0.000000307	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.00096	1	0.00000135	0	0.0000016	1	0.0000013	1	0.000000465	1	1.77E-08	0	0.000000084	0	0.00000724	1	0.00000182	1	0.000074	1	0.000000119	0
1,2,3,4,7,8-Hexachlorodibenzofuran	0.00082	1	0.00000135	0	0.0000029	1	0.0000013	1	0.000000582	1	0.000000165	1	0.000000404	1	0.00000983	1	0.00000361	1	0.0001	1	2.53E-08	0
1,2,3,6,7,8-Hexachlorodibenzofuran	0.00061	1	0.00000135	0	0.0000015	1	0.0000011	1	0.000000252	1	1.15E-08	0	0.000000277	1	0.00000562	1	0.00000207	1	0.000054	1	2.435E-08	0
1,2,3,7,8,9-Hexachlorodibenzofuran	0.0001	1	0.00000135	0	0.00000135	0	0.00000023	1	0.000000157	1	0.000000015	0	4.13E-08	0	0.000000653	1	0.000000232	1	0.000008	1	3.165E-08	0
1,2,3,7,8-Pentachlorodibenzofuran	0.00041	1	0.00000135	0	0.0000021	1	0.00000062	1	0.000000291	1	0.000000112	1	4.45E-08	0	0.00000474	1	0.00000213	1	0.000056	1	1.415E-08	0
2,3,4,6,7,8-Hexachlorodibenzofuran	0.00014	1	0.00000135	0	0.0000011	1	0.00000033	1	6.06E-08	1	1.285E-08	0	3.66E-08	0	0.00000197	1	0.00000127	1	0.000014	1	2.715E-08	0
2,3,4,7,8-Pentachlorodibenzofuran	0.00022	1	0.00000135	0	0.0000013	1	0.00000036	1	0.000000149	1	7.63E-08	1	4.29E-08	0	0.00000283	1	0.00000137	1	0.000031	1	1.395E-08	0
2,3,7,8-Tetrachlorodibenzofuran	0.00016	1	0.00000014	1	0.0000023	1	0.00000042	1	0.000000172	0	0.000000285	0	4.71E-08	0	0.0000043	1	0.00000199	1	0.000079	1	4.24E-08	0
PCB-077 (3,3',4,4'-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000412	1	--	--	--	--
PCB-081 (3,4,4',5-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000188	1	--	--	--	--
PCB-105 (2,3,3',4,4'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0000146	1	--	--	--	--
PCB-114 (2,3,4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000211	1	--	--	--	--
PCB-118 (2,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0000426	1	--	--	--	--
PCB-123 (2,3',4,4',5'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0000019	1	--	--	--	--
PCB-126 (3,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0000026	1	--	--	--	--
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.000018	1	--	--	--	--
PCB-167 (2,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0000118	1	--	--	--	--
PCB-169 (3,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000414	1	--	--	--	--
PCB-189 (2,3,3',4,4',5,5'-HpCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0000214	1	--	--	--	--
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	0.000343171	1	3.0662E-06	1	3.4738E-06	1	2.43411E-06	1	2.3276E-07	1	1.21645E-07	1	2.02286E-07	1	6.72334E-06	1	3.59095E-06	1	0.000046011	1	5.4579E-08	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.88548E-07	1	--	--	--	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	0.000662217	1	4.02975E-06	1	6.39545E-06	1	2.91105E-06	1	4.95767E-07	1	4.22442E-07	1	2.64793E-07	1	1.15147E-05	1	5.34832E-06	1	0.000141795	1	9.5896E-08	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.62388E-07	1	--	--	--	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-2 SA121-0.5B		DU-2 SA121009-0.5B		DU-2 SA138-0.5B		DU-2 SA146-0.5B		DU-2 SA147-0.5B		DU-2 SA212-0.5B		DU-2 SA28-0.5B		DU-2 SA31-0.5B		DU-2 SA7-0.5		DU-2 SSAQ5-07-1BPC		DU-2 SSAQ5-07-2BPC	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.000068	1	0.00011	1	0.0000039	1	0.00000667	1	0.00000572	1	0.0000026	1	0.000248	1	0.00000611	1	0.000191912	1	0.0000049	1	0.0000053	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.0000076	1	0.000009	1	0.00000125	0	0.00000313	1	0.000000873	1	0.00000076	1	0.0000702	1	0.00000163	1	0.00008545	1	0.0000027	1	0.0000035	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.00000053	1	0.00000033	1	0.00000125	0	3.91E-08	0	0.00000004	0	0.00000125	0	4.055E-08	0	2.28E-08	0	0.000008841	1	0.00000026	1	0.00000038	1
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.000001	1	0.00000078	1	0.00000125	0	0.000000757	1	0.000000146	1	0.00000125	0	0.0000179	1	6.48E-08	1	0.000019448	1	0.00000074	1	0.00000096	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.0000011	1	0.00000092	1	0.00000125	0	0.000000475	1	0.000000134	1	0.00000055	1	0.00000708	1	9.18E-08	1	0.000021698	1	0.00000084	1	0.000001	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.0000011	1	0.00000061	1	0.00000125	0	2.785E-08	0	1.89E-08	0	0.00000125	0	0.000000622	1	1.425E-08	0	0.000016175	1	0.00000042	1	0.00000066	1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.00000066	1	0.00000033	1	0.000000255	0	1.74E-08	0	3.035E-08	0	0.00000024	1	0.000000319	1	6.2E-09	0	0.000008965	1	0.00000026	1	0.00000027	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.000079	1	0.0001	1	0.00000255	0	0.00000881	1	0.00000146	1	0.000032	1	0.0000198	1	0.00000732	1	0.002338457	1	0.00022	1	0.00025	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.000025	1	0.000028	1	0.00000125	0	0.00000326	1	0.00000052	1	0.000013	1	0.00000655	1	0.00000226	1	0.000873925	1	0.000056	1	0.000064	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.000013	1	0.00001	1	0.00000125	0	0.00000103	1	6.55E-08	0	0.0000063	1	0.00000195	1	0.000000879	1	0.00039211	1	0.000023	1	0.000028	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.000018	1	0.000014	1	0.00000125	0	0.00000251	1	0.000000341	1	0.000005	1	0.00000353	1	0.00000109	1	0.000372915	1	0.000018	1	0.000023	1
1,2,3,6,7,8-Hexachlorodibenzofuran	0.00001	1	0.0000085	1	0.00000125	0	0.00000137	1	0.000000202	1	0.0000037	1	0.00000201	1	0.000000734	1	0.000249626	1	0.000013	1	0.000017	1
1,2,3,7,8,9-Hexachlorodibenzofuran	0.0000016	1	0.0000011	1	0.00000125	0	0.000000237	1	3.97E-08	0	0.00000097	1	0.000000204	1	4.135E-08	0	0.000031353	1	0.0000025	1	0.000003	1
1,2,3,7,8-Pentachlorodibenzofuran	0.000011	1	0.000008	1	0.00000125	0	0.00000171	1	0.000000193	1	0.0000031	1	0.00000198	1	0.000000509	1	0.000199692	1	0.0000084	1	0.000011	1
2,3,4,6,7,8-Hexachlorodibenzofuran	0.0000032	1	0.0000023	1	0.00000125	0	0.000000706	1	3.48E-08	0	0.0000011	1	0.00000131	1	3.805E-08	0	0.000112484	1	0.0000041	1	0.0000043	1
2,3,4,7,8-Pentachlorodibenzofuran	0.000012	1	0.0000074	1	0.00000125	0	0.000000713	1	0.000000132	1	0.0000015	1	0.00000115	1	0.000000205	1	0.000092927	1	0.0000049	1	0.0000057	1
2,3,7,8-Tetrachlorodibenzofuran	0.000009	1	0.0000062	1	0.000000255	0	0.00000143	1	6.25E-08	0	0.0000044	1	0.00000169	1	0.000000076	0	0.000136994	1	0.000006	1	0.0000077	1
PCB-077 (3,3',4,4'-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-081 (3,4,4',5-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-105 (2,3,3',4,4'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-114 (2,3,4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-118 (2,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-123 (2,3',4,4',5'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-126 (3,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-167 (2,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-169 (3,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-189 (2,3,3',4,4',5,5'-HpCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	1.06331E-05	1	0.000007346	1	2.85744E-06	1	1.1417E-06	1	2.11379E-07	1	4.06598E-06	1	5.5892E-06	1	3.64819E-07	1	0.000168619	1	7.83047E-06	1	9.73559E-06	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	2.76888E-05	1	1.84563E-05	1	3.8619E-06	1	2.94615E-06	1	3.49106E-07	1	9.10422E-06	1	5.75541E-06	1	5.88021E-07	1	0.000367473	1	1.70996E-05	1	2.12376E-05	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-2 SSAQ6-01-1BPC		DU-2 SSAQ6-01-2BPC		DU-2 TSB-GJ-03-0		DU-2 TSB-GJ-04-0		DU-2 TSB-GJ-05-0		DU-2 TSB-GR-02-0		DU-2 TSB-GR-02-0-FD		DU-3 BDT-2-N-10-6BPC		DU-3 BDT-2-N-10-6BPC_FD		DU-3 BDT-2-N-15-4.0BPC		DU-3 BDT-2-N-15-6.0BPC	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.0000067	1	0.0000033	1	0.000000365	0	0.000012	1	0.0000009	0	0.00000085	0	0.00001	1	0.000024	1	0.00003	1	0.000045	1	0.000049	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.00000065	1	0.00000053	1	0.000000065	0	0.0000013	0	0.00000014	0	0.000000145	0	0.00000055	0	0.000008	1	0.000011	1	0.000026	1	0.000042	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.0000001	1	4.35E-08	0	0.00000005	0	0.000000105	0	0.00000007	0	0.000000065	0	0.00000007	0	0.0000012	1	0.0000016	1	0.0000032	1	0.0000051	1
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.00000026	1	0.0000001	1	0.000000065	0	0.000000105	0	0.00000007	0	0.000000085	0	0.000000125	0	0.0000024	1	0.0000037	1	0.0000073	1	0.000012	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.00000019	1	0.000000093	1	0.00000005	0	0.000000085	0	0.000000065	0	0.00000007	0	0.00000013	0	0.0000013	1	0.0000018	1	0.0000083	1	0.000014	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.00000015	1	0.000000055	0	0.00000007	0	0.000000105	0	0.000000105	0	0.000000065	0	0.000000075	0	0.0000019	1	0.0000026	1	0.0000053	1	0.0000094	1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.00000012	1	0.000000031	0	0.000000048	0	0.000000065	0	0.00000005	0	0.00000006	0	0.000000055	0	0.00000064	1	0.00000078	1	0.0000019	1	0.0000027	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.000037	1	0.0000067	1	0.0000006	0	0.00000075	0	0.000000245	0	0.0000055	1	0.000012	1	0.00025	1	0.00034	1	0.00086	1	0.0015	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.0000089	1	0.0000017	1	0.000000195	0	0.000000305	0	0.00000019	0	0.0000011	0	0.0000047	1	0.000087	1	0.00012	1	0.00031	1	0.00054	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.0000038	1	0.00000076	1	0.00000008	0	0.00000024	0	0.000000095	0	0.0000006	0	0.000001	0	0.000046	1	0.000061	1	0.00016	1	0.00034	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.0000029	1	0.00000072	1	0.000000055	0	0.000000135	0	0.00000006	0	0.00000095	0	0.0000042	1	0.000028	1	0.000044	1	0.00013	1	0.00024	1
1,2,3,6,7,8-Hexachlorodibenzofuran	0.000002	1	0.0000004	1	0.000000048	0	0.000000115	0	0.000000055	0	0.00000055	0	0.0000012	0	0.000025	1	0.000039	1	0.000087	1	0.00017	1
1,2,3,7,8,9-Hexachlorodibenzofuran	0.0000005	1	0.00000013	1	0.00000007	0	0.00000013	0	0.000000065	0	0.000000125	0	0.00000019	0	0.0000048	1	0.0000056	1	0.000015	1	0.000039	1
1,2,3,7,8-Pentachlorodibenzofuran	0.0000016	1	0.00000043	1	0.000000075	0	0.00000007	0	0.000000065	0	0.00000085	0	0.0000031	1	0.000022	1	0.000029	1	0.000062	1	0.00011	1
2,3,4,6,7,8-Hexachlorodibenzofuran	0.0000006	1	0.00000016	1	0.00000005	0	0.000000125	0	0.000000065	0	0.000000205	0	0.00000035	0	0.0000065	1	0.000011	1	0.000019	1	0.000034	1
2,3,4,7,8-Pentachlorodibenzofuran	0.00000089	1	0.00000021	1	0.000000055	0	0.00000007	0	0.000000065	0	0.00000055	0	0.0000008	0	0.000012	1	0.000015	1	0.000029	1	0.000042	1
2,3,7,8-Tetrachlorodibenzofuran	0.000001	1	0.00000036	1	0.000000095	0	0.000000125	0	0.00000009	0	0.0000015	1	0.0000031	1	0.000012	1	0.000016	1	0.000034	1	0.000062	1
PCB-077 (3,3',4,4'-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-081 (3,4,4',5-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-105 (2,3,3',4,4'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-114 (2,3,4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-118 (2,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-123 (2,3',4,4',5'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-126 (3,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-167 (2,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-169 (3,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-189 (2,3,3',4,4',5,5'-HpCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	1.48661E-06	1	3.9545E-07	1	1.8874E-07	0	3.07875E-07	1	2.35044E-07	0	6.90855E-07	1	1.4686E-06	1	1.64122E-05	1	0.000023051	1	5.33715E-05	1	9.52947E-05	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	3.07862E-06	1	8.78605E-07	1	3.08862E-07	0	4.45325E-07	1	3.54805E-07	0	2.47188E-06	1	5.0115E-06	1	3.67494E-05	1	0.000049395	1	0.00010738	1	0.000186172	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	DU-3 BDT-2-N-20-4.0BPC		DU-3 BDT-2-N-5-6BPC		DU-3 BDT-2-N-5-8BPC		DU-3 BDT-2-S-10-6BPC		DU-3 BDT-2-S-15-6BPC		DU-3 BDT-2-S-15-8BPC		DU-3 BDT-2-S-20-6BPC		DU-3 BDT-2-S-20-6BPC_FD		DU-3 BDT-2-S-20-8BPC		DU-3 BDT-2-S-5-8BPC		DU-3 SA128-10B	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.00002	1	0.000013	1	0.000012	1	0.00023	1	0.00018	1	0.0002	1	0.000049	1	0.000064	1	0.00012	1	0.000089	1	--	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.000018	1	0.0000024	1	0.0000062	1	0.00011	1	0.000065	1	0.000076	1	0.000022	1	0.000025	1	0.000053	1	0.000035	1	--	--
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.0000028	1	0.00000037	1	0.00000071	1	0.000019	1	0.0000095	1	0.000012	1	0.0000038	1	0.0000043	1	0.0000079	1	0.0000065	1	--	--
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.0000059	1	0.00000081	1	0.0000018	1	0.000034	1	0.000019	1	0.000022	1	0.000007	1	0.0000079	1	0.000016	1	0.000012	1	--	--
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.0000065	1	0.00000054	1	0.000002	1	0.000027	1	0.000017	1	0.000019	1	0.0000056	1	0.0000066	1	0.000014	1	0.000008	1	--	--
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.0000045	1	0.00000055	1	0.0000014	1	0.000025	1	0.000013	1	0.000014	1	0.0000045	1	0.0000051	1	0.000011	1	0.00001	1	--	--
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.0000014	1	0.000000042	0	0.00000044	1	0.0000073	1	0.000004	1	0.0000041	1	0.0000014	1	0.0000016	1	0.0000032	1	0.0000033	1	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.0006	1	0.000054	1	0.00017	1	0.0042	1	0.0017	1	0.0021	1	0.00059	1	0.00066	1	0.0014	1	0.0012	1	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.00022	1	0.000024	1	0.000073	1	0.0014	1	0.00071	1	0.00083	1	0.00028	1	0.00031	1	0.00065	1	0.00042	1	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.00013	1	0.000013	1	0.000047	1	0.00059	1	0.00028	1	0.00034	1	0.00012	1	0.00012	1	0.00025	1	0.00024	1	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran	0.0001	1	0.0000077	1	0.000027	1	0.00046	1	0.00027	1	0.0003	1	0.000096	1	0.0001	1	0.00023	1	0.00016	1	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran	0.000068	1	0.0000076	1	0.000024	1	0.00038	1	0.00022	1	0.00023	1	0.000065	1	0.000069	1	0.00015	1	0.00012	1	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran	0.00002	1	0.0000017	1	0.0000058	1	0.000081	1	0.000034	1	0.000032	1	0.0000098	1	0.000011	1	0.000022	1	0.000025	1	--	--
1,2,3,7,8-Pentachlorodibenzofuran	0.00005	1	0.0000059	1	0.000015	1	0.00029	1	0.00015	1	0.00016	1	0.000053	1	0.00006	1	0.00014	1	0.00012	1	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran	0.000016	1	0.0000019	1	0.0000057	1	0.00008	1	0.000063	1	0.000058	1	0.000021	1	0.000025	1	0.00005	1	0.000024	1	--	--
2,3,4,7,8-Pentachlorodibenzofuran	0.000015	1	0.000003	1	0.0000073	1	0.00015	1	0.00008	1	0.00009	1	0.000029	1	0.000033	1	0.000073	1	0.00006	1	--	--
2,3,7,8-Tetrachlorodibenzofuran	0.000031	1	0.0000072	1	0.000011	1	0.00014	1	0.00011	1	0.00011	1	0.000033	1	0.000038	1	0.000097	1	0.000072	1	--	--
PCB-077 (3,3',4,4'-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000205	0
PCB-081 (3,4,4',5-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000105	0
PCB-105 (2,3,3',4,4'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0000094	1
PCB-114 (2,3,4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000105	0
PCB-118 (2,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.000016	1
PCB-123 (2,3',4,4',5'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000105	0
PCB-126 (3,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000105	0
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0000039	1
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000105	0
PCBs 156+157	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-167 (2,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000105	0
PCB-169 (3,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000105	0
PCB-189 (2,3,3',4,4',5,5'-HpCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000105	0
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	0.000040786	1	4.8651E-06	1	1.35976E-05	1	0.000230429	1	0.000130864	1	0.00014135	1	4.47217E-05	1	4.93472E-05	1	0.000108976	1	8.49867E-05	1	--	--
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.38057E-07	1
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	0.000081729	1	1.37317E-05	1	2.93679E-05	1	0.000475843	1	0.000293218	1	0.000310826	1	9.72859E-05	1	0.000109551	1	0.00025456	1	0.000198209	1	--	--
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.15282E-07	1

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

	DU-3		DU-3		DU-3		DU-3		DU-3		DU-3		DU-3		DU-3		Parcel E		Parcel E		Parcel E	
Chemical Name	**SA16-0.5**		**SA175-8BPC**		**SA197-0.5B**		**SA49-1.5BR**		**SA64-0.5B**		**SSAM7-04-1BPC**		**TSB-GJ-02-0**		**TSB-GJ-02-0-FD**		**RISB-EJ-01-1.0-20180926**		**RISB-EJ-02-1.0-20180924**		**RISB-EJ-03-1.0-20180925**	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.000442736	1	0.00096	1	0.0000785	1	0.000011	1	0.000221	1	0.00008	1	0.00000027	0	0.00000032	0	0.0000054	1	0.00002	1	0.00011	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.000443741	1	0.00086	1	0.0000612	1	0.000012	1	0.000192	1	0.000074	1	0.000000055	0	0.00000008	0	0.00000027	0	0.00001	1	0.000014	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.000049392	1	0.00014	1	0.00000788	1	0.0000015	1	0.0000304	1	0.00001	1	0.000000055	0	0.000000055	0	0.00000044	0	0.0000025	1	0.00000135	0
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.000122741	1	0.00024	1	0.0000146	1	0.0000041	1	0.0000542	1	0.000022	1	0.000000065	0	0.00000009	0	0.00000037	0	0.0000032	1	0.0000046	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.000140746	1	0.00019	1	0.0000141	1	0.0000039	1	0.0000649	1	0.000014	1	0.000000085	0	0.000000055	0	0.000000355	0	0.0000035	1	0.0000011	0
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.000087894	1	0.00019	1	0.00000666	1	0.0000022	1	0.0000306	1	0.000015	1	0.000000075	0	0.000000075	0	0.00000028	0	0.0000021	1	0.00000205	0
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.000023713	1	0.000058	1	0.00000213	1	0.00000081	1	0.00000832	1	0.000004	1	0.00000005	0	3.45E-08	0	0.00000019	0	0.0000011	1	0.00000155	0
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.012526796	1	0.028	1	0.00207	1	0.00042	1	0.00622	1	0.0024	1	0.00000022	0	0.00000026	0	0.0000062	1	0.00033	1	0.00015	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.005388734	1	0.011	1	0.000693	1	0.00016	1	0.00201	1	0.0009	1	0.000000085	0	0.000000075	0	0.0000038	1	0.00015	1	0.000088	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.002485881	1	0.0064	1	0.000296	1	0.000071	1	0.00105	1	0.00039	1	0.00000006	0	0.00000006	0	0.0000031	1	0.00007	1	0.000024	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.002143656	1	0.0049	1	0.000297	1	0.000044	1	0.00102	1	0.00038	1	0.00000005	0	0.00000005	0	0.00000035	0	0.000053	1	0.000029	1
1,2,3,6,7,8-Hexachlorodibenzofuran	0.001362448	1	0.0033	1	0.000186	1	0.000033	1	0.000583	1	0.00031	1	0.000000049	0	0.00000004	0	0.000000315	0	0.000042	1	0.000013	1
1,2,3,7,8,9-Hexachlorodibenzofuran	0.000246274	1	0.00064	1	0.0000158	1	0.0000067	1	0.0000859	1	0.000053	1	0.00000005	0	0.000000075	0	0.0000014	1	0.000017	1	0.0000031	0
1,2,3,7,8-Pentachlorodibenzofuran	0.001090766	1	0.0023	1	0.0000964	1	0.00003	1	0.000409	1	0.00021	1	0.00000005	0	0.000000055	0	0.0000016	1	0.000031	1	0.0000094	1
2,3,4,6,7,8-Hexachlorodibenzofuran	0.000695192	1	0.00092	1	0.0000431	1	0.0000079	1	0.000129	1	0.000073	1	0.00000005	0	0.000000045	0	0.00000034	0	0.0000099	1	0.0000029	0
2,3,4,7,8-Pentachlorodibenzofuran	0.000473372	1	0.0014	1	0.000046	1	0.000017	1	0.000187	1	0.00011	1	0.00000005	0	0.000000055	0	0.0000012	1	0.000014	1	0.00000255	0
2,3,7,8-Tetrachlorodibenzofuran	0.000446407	1	0.0012	1	0.0000466	1	0.000018	1	0.000227	1	0.00011	1	0.00000012	0	0.00000008	0	0.0000013	1	0.000015	1	0.0000054	1
PCB-077 (3,3',4,4'-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.000000095	0	0.0000053	1	0.000002	1
PCB-081 (3,4,4',5-TeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0000001	0	0.0000022	1	0.00000075	1
PCB-105 (2,3,3',4,4'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.000000225	0	0.000012	1	0.000005	1
PCB-114 (2,3,4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.000000235	0	0.0000054	1	0.0000011	1
PCB-118 (2,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000022	0	0.000021	1	0.00001	1
PCB-123 (2,3',4,4',5'-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000023	0	0.0000021	1	0.00000058	1
PCB-126 (3,3',4,4',5-PeCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000023	0	0.000004	1	0.0000012	1
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.000000065	0	0.000012	1	0.0000039	1
PCB-167 (2,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000034	1	0.0000099	1	0.0000028	1
PCB-169 (3,3',4,4',5,5'-HxCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.95E-08	0	0.0000023	1	0.00000061	1
PCB-189 (2,3,3',4,4',5,5'-HpCB)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00000038	1	0.000014	1	0.0000037	1
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	0.000894102	1	0.002081288	1	9.91366E-05	1	2.34793E-05	1	0.000361182	1	0.000169884	1	1.96047E-07	0	1.78974E-07	0	1.44018E-06	1	0.000025345	1	0.00001203	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.45754E-08	1	4.72482E-07	1	1.39537E-07	1
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	0.001683478	1	0.004260156	1	0.000177336	1	5.30411E-05	1	0.000715598	1	0.000356942	1	3.33354E-07	0	2.81638E-07	0	3.50213E-06	1	0.000050242	1	1.86735E-05	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.78637E-08	1	8.9071E-07	1	2.96781E-07	1

Table D-3: Operations Area and Parcel E Dioxin/Furan and PCB Toxic Equivalency Quotient Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	Parcel E RISB-EJ-03-1.0-20180925-FD		Parcel E RISB-EJ-04-1.0-20180925		Parcel E RISB-ER-01-1.0-20180925		Parcel E RISB-ER-02-1.0-20180924		Parcel E RISB-ER-03-1.0-20180925	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	0.000038	1	0.000096	1	0.00001	1	0.000071	1	0.000016	1
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.000011	1	0.00007	1	0.0000017	1	0.000011	1	0.0000051	1
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.0000015	1	0.00001	1	0.0000021	1	0.0000024	1	0.0000025	1
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.0000021	1	0.000082	1	0.000004	1	0.0000033	1	0.0000019	1
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.0000029	1	0.000046	1	0.0000025	1	0.0000034	1	0.0000021	1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.000000455	0	0.000012	1	0.000000036	0	0.0000014	1	0.00000078	1
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.00000042	0	0.0000053	1	0.000000235	0	0.00000017	0	0.0000011	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	0.00015	1	0.0015	1	0.000042	1	0.00019	1	0.000088	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.000084	1	0.00082	1	0.000018	1	0.000091	1	0.000039	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.000029	1	0.00031	1	0.0000091	1	0.000045	1	0.000015	1
1,2,3,4,7,8-Hexachlorodibenzofuran	0.000026	1	0.00026	1	0.0000055	1	0.000038	1	0.000014	1
1,2,3,6,7,8-Hexachlorodibenzofuran	0.00002	1	0.00023	1	0.000005	1	0.000025	1	0.0000087	1
1,2,3,7,8,9-Hexachlorodibenzofuran	0.0000022	0	0.000028	1	0.0000021	1	0.000013	1	0.0000044	1
1,2,3,7,8-Pentachlorodibenzofuran	0.000012	1	0.00018	1	0.000004	1	0.000019	1	0.0000079	1
2,3,4,6,7,8-Hexachlorodibenzofuran	0.0000051	1	0.000052	1	0.0000015	1	0.0000066	1	0.0000025	1
2,3,4,7,8-Pentachlorodibenzofuran	0.000008	1	0.000087	1	0.0000019	1	0.0000087	1	0.0000043	1
2,3,7,8-Tetrachlorodibenzofuran	0.0000053	1	0.000068	1	0.0000033	1	0.0000079	1	0.0000091	1
PCB-077 (3,3',4,4'-TeCB)	0.0000037	1	0.000016	1	0.0000014	1	0.0000021	1	0.00000069	1
PCB-081 (3,4,4',5-TeCB)	0.0000017	1	0.0000065	1	0.00000053	1	0.0000007	1	0.00000047	1
PCB-105 (2,3,3',4,4'-PeCB)	0.000019	1	0.000038	1	0.0000024	1	0.000004	1	0.0000015	1
PCB-114 (2,3,4,4',5-PeCB)	0.0000033	1	0.000012	1	0.00000083	1	0.0000016	1	0.00000071	1
PCB-118 (2,3',4,4',5-PeCB)	0.000049	1	0.000072	1	0.0000053	1	0.0000087	1	0.0000025	1
PCB-123 (2,3',4,4',5'-PeCB)	0.00000075	0	0.0000058	1	0.000000215	0	0.00000082	1	0.0000004	1
PCB-126 (3,3',4,4',5-PeCB)	0.00000075	0	0.000012	1	0.00000022	0	0.0000019	1	0.00000052	1
PCB-156 (2,3,3',4,4',5-HxCB)	--	--	--	--	--	--	--	--	--	--
PCB-157 (2,3,3',4,4',5'-HxCB)	--	--	--	--	--	--	--	--	--	--
PCBs 156+157	0.000013	1	0.000038	1	0.0000019	1	0.0000042	1	0.0000017	1
PCB-167 (2,3',4,4',5,5'-HxCB)	0.0000069	1	0.000029	1	0.0000016	1	0.000003	1	0.0000014	1
PCB-169 (3,3',4,4',5,5'-HxCB)	0.00000094	1	0.000007	1	0.000000075	0	0.0000012	1	0.000000065	0
PCB-189 (2,3,3',4,4',5,5'-HpCB)	0.0000073	1	0.00004	1	0.0000013	1	0.0000038	1	0.0000016	1
Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	1.14414E-05	1	0.000138879	1	4.1886E-06	1	1.62583E-05	1	8.5492E-06	1
Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	1.07058E-07	1	1.42059E-06	1	2.49554E-08	1	2.27204E-07	1	5.44543E-08	1
Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	2.22508E-05	1	0.00026475	1	8.2779E-06	1	3.02201E-05	1	1.99395E-05	1
Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	4.3511E-07	1	2.66727E-06	1	1.45672E-07	1	3.67343E-07	1	1.34015E-07	1

Notes:
All units are mg/kg
Operations area consists of DU-1, DU-2 and DU-2.
Individual dioxin and furan results for non-detected congeners presented as 1/2 sample quantitation limit
Dioxin TEQs were calculated using the results for dioxins, furans, and dioxin-like PCBs and the World Health Organization (WHO) toxicity equivalency factors (TEFs) scheme for mammals and avian receptors presented in USEPA (2008), originally derived in Van den Berg et al. (1998) and van den Berg et al. (2006).
Detections are presented as 1 (detected concentration) or 0 (nondetected concentration).

D/F: Dioxin and Furan
DU = Decision Unit
mg/kg: Milligrams per kilogram
ND: Not detected
PCB: Polychlorinated biphenyl
TEF: Toxic equivalency factor
TEQ: Toxic equivalency quotient

APPENDIX D-4
OPERATIONS AREA AND PARCEL E PCB HOMOLOG CALCULATIONS

Table D-4 Operations Area and Parcel E PCB Homolog Calculations

Table D-4: Operations Area and Parcel E PCB Homolog Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

		Monochlorobiphenyl			Dichlorobiphenyl											
Eco DU	Sample Name	PCB-001 (2-CB)	PCB-002 (3-CB)	PCB-003 (4-CB)	PCB-004 (2,2'-DiCB)	PCB-005 (2,3-DiCB)	PCB-006 (2,3'-DiCB)	PCB-007 (2,4-DiCB)	PCB-008 (2,4'-DiCB)	PCB-009 (2,5-DiCB)	PCB-010 (2,6-DiCB)	PCB-011 (3,3'-DiCB)	PCB-012 (3,4-DiCB)	PCB-013 (3,4'-DiCB)	PCB-014 (3,5-DiCB)	PCB-015 (4,4'-DiCB)
DU-1	M-161D-0.5-20141203	0.000013 1	0.000018 1	0.000044 1	0.000005 0	0.00000455 0	0.00000455 0	0.0000044 0	0.000026 1	0.00000495 0	0.00000355 0	0.00003 1	--	--	0.00000425 0	0.00019 1
	M-162D-0.5-20141209	0.000028 1	0.000055 1	0.00015 1	0.0000115 0	0.000008 0	0.000036 1	0.000008 0	0.000095 1	0.0000085 0	0.000007 0	0.000076 1	--	--	0.0000075 0	0.00054 1
	RISB-09-0.5-20141211	0.00001 1	0.0000063 1	0.000011 1	0.000014 1	0.0000014 0	0.0000091 1	0.00000135 0	0.000017 1	0.0000015 0	0.00000085 0	0.000014 1	--	--	0.0000013 0	0.000043 1
	RISB-10-0.5-20141215	0.00000075 0	0.0000034 1	0.0000099 1	0.000012 0	0.0000115 0	0.0000115 0	0.000011 0	0.000011 0	0.0000125 0	0.000009 0	0.0000125 0	--	--	0.0000105 0	0.0000155 0
	RISB-11-0.5-20141217	0.0000008 0	0.0000008 0	0.00000085 0	0.000011 0	0.0000095 0	0.0000095 0	0.000009 0	0.000009 0	0.00001 0	0.000008 0	0.0000105 0	--	--	0.0000085 0	0.0000125 0
	RISB-12-0.5-20141215	0.000056 1	0.000057 1	0.00008 1	0.000009 0	0.00001 0	0.00001 0	0.0000095 0	0.000088 1	0.0000105 0	0.0000065 0	0.000011 0	--	--	0.000009 0	0.00045 1
	RISB-13-0.5-20141217	0.000018 1	0.0000054 1	0.0000071 1	0.000016 0	0.000009 0	0.000009 0	0.0000085 0	0.0000085 0	0.0000095 0	0.000011 0	0.00001 0	--	--	0.0000085 0	0.0000115 0
	RISB-14-0.5-20141216	0.000097 1	0.00016 1	0.00031 1	0.00008 0	0.00006 0	0.00006 0	0.00006 0	0.00036 1	0.000065 0	0.000055 0	0.000065 0	--	--	0.000055 0	0.0016 1
	RISB-39-0.5-20141121	0.000052 1	0.000074 1	0.00013 1	0.0000305 0	0.0000185 0	0.000019 0	0.000018 0	0.00013 1	0.00002 0	0.0000185 0	0.0000205 0	--	--	0.0000175 0	0.00027 1
	RISB-40-0.5-20141121	0.00015 1	0.00015 1	0.00027 1	0.000091 1	0.000021 0	0.00011 1	0.0000205 0	0.00025 1	0.000059 1	0.000019 0	0.00016 1	--	--	0.0000195 0	0.00063 1
	RISB-41-0.5-20141121	0.0000088 1	0.00001 1	0.0000099 1	0.0000026 0	0.00000135 0	0.0000064 1	0.00000135 0	0.0000098 1	0.0000015 0	0.00000175 0	0.0000092 1	--	--	0.00000125 0	0.000023 1
	RISB-41-0.5-20141121-FD	0.0000034 1	0.0000048 1	0.0000087 1	0.0000032 0	0.0000023 0	0.0000023 0	0.0000022 0	0.0000056 1	0.00000245 0	0.00000215 0	0.0000073 1	--	--	0.0000021 0	0.00002 1
	RISB-47-0.5-20141120	0.000011 1	0.000017 1	0.000033 1	0.000006 0	0.000005 0	0.000005 0	0.0000048 0	0.000021 1	0.0000055 0	0.0000041 0	0.000022 1	--	--	0.0000046 0	0.000096 1
	RISB-48-0.5-20141120	0.000037 1	0.00002 1	0.000014 1	0.0000045 1	0.0000011 0	0.0000062 1	0.00000105 0	0.0000094 1	0.0000012 0	0.000001 0	0.0000094 1	--	--	0.00000105 0	0.000024 1
	RIT-1-01-20141111	0.0000019 1	0.0000014 1	0.000003 1	0.00000385 0	0.0000019 0	0.0000019 0	0.00000185 0	0.0000018 0	0.00000205 0	0.0000024 0	0.0000078 1	--	--	0.00000175 0	0.000026 1
	RIT-1-02-20141111	0.000028 1	0.000031 1	0.000028 1	0.000015 1	0.0000019 0	0.00002 1	0.0000018 0	0.000035 1	0.0000089 1	0.0000019 0	0.000016 1	--	--	0.00000175 0	0.000058 1
	RIT-1-03-20141112	0.000019 1	0.000034 1	0.000044 1	0.000025 1	0.0000049 0	0.000049 1	0.0000096 1	0.000094 1	0.000016 1	0.00000305 0	0.00015 1	--	--	0.000021 1	0.00047 1
	RIT-1-04-20141112	0.000015 1	0.000021 1	0.000029 1	0.00002 1	0.000009 0	0.000009 0	0.000009 0	0.000038 1	0.00001 0	0.0000024 0	0.000021 1	--	--	0.0000085 0	0.00015 1
	RIT-1-05-20141112	0.0000056 1	0.0000082 1	0.000017 1	0.000033 1	0.0000065 1	0.00003 1	0.00000225 0	0.00023 1	0.00000255 0	0.00000175 0	0.00003 1	--	--	0.00000215 0	0.00068 1
	RIT-2-01-20141112	0.000034 1	0.000026 1	0.0000098 1	0.000015 1	0.00000175 0	0.0000081 1	0.00000165 0	0.000012 1	0.00000185 0	0.0000016 0	0.0000071 1	--	--	0.0000016 0	0.000021 1
	RIT-2-02-20141112	0.000013 1	0.000018 1	0.000032 1	0.0000026 0	0.0000016 0	0.00001 1	0.00000155 0	0.000031 1	0.0000037 1	0.00000135 0	0.000026 1	--	--	0.00000145 0	0.00013 1
	RIT-2-03-20141112	0.000071 1	0.000093 1	0.00011 1	0.000034 1	0.0000045 0	0.000043 1	0.00000435 0	0.00011 1	0.000011 1	0.000002 0	0.00006 1	--	--	0.00000415 0	0.00051 1
	RIT-2-03-20141112-FD	0.00008 1	0.00013 1	0.00018 1	0.000059 1	0.0000065 0	0.0000065 1	0.0000065 0	0.0002 1	0.00002 1	0.00000295 0	0.0001 1	--	--	0.000006 0	0.0008 1
	RIT-2-04-20141113	0.00003 1	0.000014 1	0.000057 1	0.0000072 1	0.00000125 0	0.0000065 1	0.0000012 0	0.000028 1	0.00000135 0	0.00000125 0	0.000026 1	--	--	0.00000115 0	0.00006 1
	RIT-2-05-20141113	0.0000034 1	0.00000078 1	0.0000076 1	0.00000365 0	0.00000265 0	0.00000265 0	0.0000026 0	0.0000055 1	0.0000029 0	0.00000225 0	0.000057 1	--	--	0.00000245 0	0.0000099 1
	RIT-3-01-20141113	0.00000052 1	0.000000055 0	0.00000032 1	0.000002 0	0.0000013 0	0.0000013 0	0.00000125 0	0.00000125 0	0.0000014 0	0.00000115 0	0.00000145 0	--	--	0.0000012 0	0.0000014 0
	RIT-3-02-20141113	0.0000032 1	0.0000019 1	0.0000025 1	0.00000195 0	0.0000012 0	0.0000025 1	0.00000115 0	0.0000052 1	0.0000013 0	0.0000012 0	0.0000068 1	--	--	0.0000011 0	0.0000045 1
	RIT-3-03-20141113	0.0000041 1	0.0000032 1	0.0000035 1	0.000013 0	0.000011 0	0.000011 0	0.000011 0	0.0000105 0	0.000012 0	0.0000095 0	0.0000125 0	--	--	0.0000105 0	0.000015 0
	RIT-3-03-20141113-FD	0.000003 1	0.0000024 1	0.0000047 1	0.000011 0	0.0000075 0	0.0000075 0	0.0000075 0	0.000007 0	0.000008 0	0.000008 0	0.000027 1	--	--	0.000007 0	0.0000105 0
	RIT-3-04-20141113	0.0000073 1	0.0000089 1	0.0000042 1	0.000013 1	0.0000018 1	0.0000085 1	0.00000085 0	0.000022 1	0.0000053 1	0.00000075 0	0.0000066 1	--	--	0.0000008 0	0.000012 1
	RIT-3-05-20141113	0.000019 1	0.000021 1	0.00002 1	0.000012 1	0.000001 0	0.000016 1	0.00000095 0	0.000029 1	0.0000068 1	0.0000008 0	0.000021 1	--	--	0.0000009 0	0.000057 1
	RSAM8-0.5B	0.00000581 1	0.00000334 1	0.00000929 1	0.00000755 0	0.000002005 0	0.000002065 0	0.000001915 0	0.000011 1	0.000002075 0	0.000003035 0	0.000598 1	--	--	0.000002 0	0.0000214 1
	RSAO2-0.5B	0.00000795 0	0.00000825 0	0.0000082 0	0.0000635 0	0.0000095 0	0.0000098 0	0.0000091 0	0.00000935 0	0.00000985 0	0.0000291 0	0.000367 1	--	--	0.0000095 0	0.0000077 0
	SA166-0.5B	0.00000076 0	0.000001035 0	0.000001405 0	0.0000168 0	0.00000216 0	0.00000223 0	0.000002065 0	0.00000926 1	0.000002235 0	0.00000535 0	0.000176 1	--	--	0.000002155 0	0.000125 1
	SA180-0.5B	0.000136 1	0.0000638 1	0.0000965 1	0.000356 1	0.0000379 1	0.000182 1	0.000015 1	0.000265 1	0.00012 1	0.000003605 0	0.000353 1	--	--	0.00000585 0	0.000207 1
DU-2	RSAU5-0.5B	0.00000349 1	0.00000315 1	0.00000764 1	0.000002575 0	0.00000094 0	0.0000119 1	0.00000324 1	0.0000441 1	0.00000338 1	0.000000725 0	0.00066 1	--	--	0.000000805 0	0.0000256 1
DU-3	SA128-10B	0.0000064 1	0.0000105 0	0.0000029 1	0.0000105 0	0.0000105 0	0.0000105 0	0.0000105 0	0.0000105 0	0.0000105 0	0.0000105 0	0.0000105 0	0.0000105 0	0.0000105 0	0.0000105 0	0.0000105 0
Parcel E	RISB-EJ-01-1.0-20180926	0.000000095 0	0.00000007 0	0.00000038 1	0.0000009 0	0.00000055 0	0.0000006 0	0.00000055 0	0.0000006 0	0.0000006 0	0.0000006 0	0.0000031 1	--	--	0.0000005 0	0.0000007 0
	RISB-EJ-02-1.0-20180924	0.0000021 1	0.0000024 1	0.0000037 1	0.00000065 0	0.0000009 0	0.0000009 0	0.00000085 0	0.0000009 0	0.00000095 0	0.00000042 0	0.0000045 1	--	--	0.0000008 0	0.000014 1
	RISB-EJ-03-1.0-20180925	0.0000012 1	0.00000081 1	0.0000015 1	0.0000015 1	0.000000325 0	0.000000345 0	0.000000315 0	0.000000335 0	0.000000345 0	0.00000018 0	0.0000028 1	--	--	0.00000029 0	0.0000045 1
	RISB-EJ-03-1.0-20180925-FD	0.000079 1	0.000036 1	0.000089 1	0.000035 1	0.0000057 1	0.00003 1	0.000003 1	0.000052 1	0.000014 1	0.00000084 1	0.0000077 1	--	--	0.00000032 0	0.00003 1
	RISB-EJ-04-1.0-20180925	0.000013 1	0.00001 1	0.000011 1	0.000013 1	0.0000018 1	0.0000099 1	0.000001 1	0.0000016 1	0.0000049 1	0.00000025 0	0.0000072 1	--	--	0.0000011 1	0.000044 1
	RISB-ER-01-1.0-20180925	0.0000046 1	0.000002 1	0.0000057 1	0.0000051 1	0.00000065 0	0.0000032 1	0.00000065 0	0.0000067 1	0.0000026 1	0.000000425 0	0.0000034 1	--	--	0.0000006 0	0.0000062 1
	RISB-ER-02-1.0-20180924	0.0000032 1	0.0000017 1	0.0000014 1	0.000001 0	0.00000095 0	0.000001 0	0.0000009 0	0.000001 0	0.000001 0	0.0000006 0	0.000001 0	--	--	0.00000085 0	0.00000115 0
	RISB-ER-03-1.0-20180925	0.00000083 1	0.00000078 1	0.00000089 1	0.00000135 0	0.000000495 0	0.0000005 0	0.000000485 0	0.0000005 0	0.00000055 0	0.00000024 0	0.00000055 0	--	--	0.000000445 0	0.0000039 1

Table D-4: Operations Area and Parcel E PCB Homolog Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Eco DU	Sample Name	Dichlorobiphenyl	Trichlorobiphenyl														
		PCBs 12+13	PCB-016 (2,2',3-TrCB)	PCB-017 (2,2',4-TrCB)	PCB-018 (2,2',5-TrCB)	PCB-019 (2,2',6-TrCB)	PCB-020 (2,3,3'-TrCB)	PCB-021 (2,3,4-TrCB)	PCB-022 (2,3,4'-TrCB)	PCB-023 (2,3,5-TrCB)	PCB-024 (2,3,6-TrCB)	PCB-025 (2,3',4-TrCB)	PCB-026 (2,3',5-TrCB)	PCB-027 (2,3',6-TrCB)	PCB-028 (2,4,4'-TrCB)	PCB-029 (2,4,5-TrCB)	PCB-030 (2,4,6-TrCB)
DU-1	M-161D-0.5-20141203	0.000048 1	0.0000032 1	0.0000027 1	--	0.0000012 1	--	--	0.0000056 1	0.0000018 0	0.0000014 1	0.0000079 1	--	0.0000011 1	--	--	--
	M-162D-0.5-20141209	0.00019 1	0.0000069 1	0.0000051 1	--	0.0000009 0	--	--	0.000024 1	0.000005 0	0.0000019 1	0.000017 1	--	0.0000017 1	--	--	--
	RISB-09-0.5-20141211	0.000019 1	0.0000035 1	0.0000024 1	--	0.00000069 1	--	--	0.0000057 1	0.0000007 0	0.0000007 1	0.0000018 1	--	0.00000063 1	--	--	--
	RISB-10-0.5-20141215	0.0000125 0	0.00000185 0	0.0000015 0	--	0.0000016 0	--	--	0.0000024 0	0.00000195 0	0.0000012 0	0.000002 0	--	0.00000115 0	--	--	--
	RISB-11-0.5-20141217	0.00001 0	0.0000015 0	0.0000024 1	--	0.0000012 0	--	--	0.0000015 0	0.0000012 0	0.00000095 0	0.00000125 0	--	0.00000095 0	--	--	--
	RISB-12-0.5-20141215	0.000098 1	0.000047 1	0.000025 1	--	0.000012 1	--	--	0.00041 1	0.0000125 0	0.0000053 1	0.000013 0	--	0.000014 1	--	--	--
	RISB-13-0.5-20141217	0.0000095 0	0.0000057 1	0.0000036 1	--	0.00000145 0	--	--	0.000013 1	0.0000025 0	0.0000011 0	0.0000026 0	--	0.00000105 0	--	--	--
	RISB-14-0.5-20141216	0.000065 0	0.000086 1	0.000068 1	--	0.000008 0	--	--	0.00012 1	0.000025 0	0.0000065 0	0.000099 1	--	0.000039 1	--	--	--
	RISB-39-0.5-20141121	0.00002 0	0.000015 1	0.00002 1	--	0.00000225 0	--	--	0.000007 0	0.000006 0	0.00001 1	0.000029 1	--	0.0000077 1	--	--	--
	RISB-40-0.5-20141121	0.00034 1	0.00003 1	0.000042 1	--	0.000015 1	--	--	0.000054 1	0.00003 1	0.000021 1	0.000067 1	--	0.000018 1	--	--	--
	RISB-41-0.5-20141121	0.000013 1	0.0000016 1	0.0000016 1	--	0.00000051 1	--	--	0.0000023 1	0.00000099 1	0.00000072 1	0.0000023 1	--	0.00000068 1	--	--	--
	RISB-41-0.5-20141121-FD	0.0000079 1	0.00000026 0	0.0000011 1	--	0.000000225 0	--	--	0.0000017 1	0.00000042 0	0.000000165 0	0.0000019 1	--	0.00000055 1	--	--	--
	RISB-47-0.5-20141120	0.000034 1	0.0000023 1	0.0000031 1	--	0.000000445 0	--	--	0.0000061 1	0.0000026 1	0.0000014 1	0.0000057 1	--	0.0000014 1	--	--	--
	RISB-48-0.5-20141120	0.000011 1	0.0000011 1	0.0000012 1	--	0.00000038 1	--	--	0.0000015 1	0.00000037 0	0.00000042 1	0.0000011 1	--	0.00000039 1	--	--	--
	RIT-1-01-20141111	0.000009 1	0.000006 1	0.0000044 1	--	0.0000019 1	--	--	0.000014 1	0.00000075 0	0.00000067 1	0.00000075 0	--	0.000002 1	--	--	--
	RIT-1-02-20141111	0.000043 1	0.000009 1	0.0000071 1	--	0.0000039 1	--	--	0.000024 1	0.0000008 0	0.00000075 1	0.000002 1	--	0.0000025 1	--	--	--
	RIT-1-03-20141112	0.00028 1	0.000038 1	0.000047 1	--	0.000011 1	--	--	0.000096 1	0.000021 1	0.00002 1	0.000091 1	--	0.000021 1	--	--	--
	RIT-1-04-20141112	0.000042 1	0.000017 1	0.000011 1	--	0.000015 1	--	--	0.000045 1	0.00000245 0	0.000002 1	0.000007 1	--	0.0000069 1	--	--	--
	RIT-1-05-20141112	0.000042 1	0.00015 1	0.00012 1	--	0.00003 1	--	--	0.00048 1	0.0000065 0	0.0000046 1	0.000062 1	--	0.000031 1	--	--	--
	RIT-2-01-20141112	0.00001 1	0.0000019 1	0.0000019 1	--	0.000003 1	--	--	0.0000045 1	0.00000033 0	0.0000011 1	0.00000082 1	--	0.0000011 1	--	--	--
	RIT-2-02-20141112	0.000042 1	0.0000026 1	0.0000041 1	--	0.000002 1	--	--	0.0000089 1	0.00000115 0	0.0000017 1	0.0000084 1	--	0.0000029 1	--	--	--
	RIT-2-03-20141112	0.00013 1	0.000013 1	0.000018 1	--	0.000011 1	--	--	0.00003 1	0.00000315 0	0.0000097 1	0.000021 1	--	0.000015 1	--	--	--
	RIT-2-03-20141112-FD	0.00021 1	0.000019 1	0.000031 1	--	0.000015 1	--	--	0.000042 1	0.0000055 0	0.000014 1	0.000032 1	--	0.000022 1	--	--	--
	RIT-2-04-20141113	0.0000091 1	0.0000028 1	0.0000021 1	--	0.00000056 1	--	--	0.0000095 1	0.000000475 0	0.0000001 0	0.00000049 0	--	0.00000044 1	--	--	--
	RIT-2-05-20141113	0.00000285 0	0.0000013 1	0.0000013 1	--	0.00000027 0	--	--	0.0000038 1	0.00000027 0	0.00000019 0	0.000000275 0	--	0.000000185 0	--	--	--
	RIT-3-01-20141113	0.0000014 0	0.00000013 0	0.00000036 1	--	0.00000012 0	--	--	0.00000079 1	0.00000012 0	0.000000085 0	0.00000012 0	--	0.00000008 0	--	--	--
	RIT-3-02-20141113	0.0000052 1	0.00000068 1	0.00000044 1	--	0.00000011 0	--	--	0.0000014 1	0.00000015 0	0.000000075 0	0.000000155 0	--	0.000000075 0	--	--	--
	RIT-3-03-20141113	0.000012 0	0.00000125 0	0.000001 0	--	0.00000095 0	--	--	0.000002 1	0.00000065 0	0.0000008 0	0.00000065 0	--	0.00000075 0	--	--	--
	RIT-3-03-20141113-FD	0.000008 0	0.0000017 1	0.0000016 1	--	0.0000006 0	--	--	0.0000045 1	0.00000085 0	0.0000005 0	0.00000085 0	--	0.0000005 0	--	--	--
	RIT-3-04-20141113	0.000016 1	0.0000019 1	0.00000085 1	--	0.0000004 1	--	--	0.0000064 1	0.00000022 0	0.000000075 0	0.00000023 0	--	0.000000075 0	--	--	--
	RIT-3-05-20141113	0.000034 1	0.000005 1	0.000004 1	--	0.0000014 1	--	--	0.000012 1	0.0000008 0	0.00000078 1	0.0000027 1	--	0.0000012 1	--	--	--
	RSAM8-0.5B	0.00000199 0	0.0000252 1	0.0000196 1	--	0.00000518 1	--	--	0.0000177 1	0.00000014 0	0.00000091 0	0.00000428 1	--	0.00000356 1	--	--	--
	RSAO2-0.5B	0.00000945 0	0.0000117 1	0.0000111 1	--	0.00000278 0	--	--	0.000019 1	0.00000762 1	0.00000136 0	0.00000138 0	--	0.00000139 0	--	--	--
	SA166-0.5B	0.0000204 1	0.00000784 1	0.00000595 1	--	0.00000155 1	--	--	0.00000961 1	2.295E-07 0	2.915E-07 0	2.175E-07 0	--	2.985E-07 0	--	--	--
	SA180-0.5B	0.000214 1	0.0000749 1	0.0000448 1	--	0.000018 1	--	--	0.000114 1	0.00000559 1	0.00000975 1	0.0000115 1	--	0.00000782 1	--	--	--
DU-2	RSAU5-0.5B	0.00000611 1	0.0000264 1	0.0000196 1	--	0.00000486 1	--	--	0.0000221 1	4.645E-07 0	0.000000669 1	0.00000405 1	--	0.00000255 1	--	--	--
DU-3	SA128-10B	--	0.000024 1	0.000013 1	0.000037 1	0.0000033 1	0.000022 1	0.000022 1	0.000019 1	0.0000105 0	0.0000105 0	0.0000105 0	0.0000045 1	0.0000105 0	0.000041 1	0.0000105 0	0.0000105 0
Parcel E	RISB-EJ-01-1.0-20180926	0.0000006 0	0.00000013 0	0.0000001 0	--	0.000000115 0	--	--	0.00000007 0	0.00000006 0	0.00000008 0	0.00000006 0	--	0.000000075 0	--	--	--
	RISB-EJ-02-1.0-20180924	0.0000061 1	0.00000074 1	0.00000044 1	--	0.00000005 0	--	--	0.0000015 1	0.00000035 1	0.00000026 1	0.0000008 1	--	3.45E-08 0	--	--	--
	RISB-EJ-03-1.0-20180925	0.0000022 1	0.0000015 1	0.00000021 1	--	0.00000038 1	--	--	0.0000015 1	0.000000046 0	2.95E-08 0	0.00000019 1	--	0.000000029 0	--	--	--
	RISB-EJ-03-1.0-20180925-FD	0.000037 1	0.0000021 1	0.0000011 1	--	0.0000004 1	--	--	0.0000041 1	0.00000013 0	0.00000035 1	0.00000066 1	--	0.00000019 1	--	--	--
	RISB-EJ-04-1.0-20180925	0.000024 1	0.0000016 1	0.0000012 1	--	0.00000035 1	--	--	0.0000048 1	0.00000067 1	0.00000053 1	0.000002 1	--	0.00000035 1	--	--	--
	RISB-ER-01-1.0-20180925	0.0000043 1	0.0000014 1	0.0000006 1	--	0.0000004 1	--	--	0.0000024 1	0.00000009 0	0.0000002 1	0.00000037 1	--	0.00000014 1	--	--	--
	RISB-ER-02-1.0-20180924	0.000001 0	0.00000037 1	0.00000026 1	--	0.00000008 0	--	--	0.00000065 1	0.00000007 0	0.000000055 0	0.00000023 1	--	0.00000005 0	--	--	--
	RISB-ER-03-1.0-20180925	0.00000055 0	0.00000033 1	0.00000028 1	--	0.00000017 1	--	--	0.00000043 1	0.000000035 0	0.00000003 0	0.00000032 1	--	2.95E-08 0	--	--	--

Table D-4: Operations Area and Parcel E PCB Homolog Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

		Trichlorobiphenyl													Tetrachlorobiphenyl		
Eco DU	Sample Name	PCB-031 (2,4',5-TrCB)	PCB-032 (2,4',6-TrCB)	PCB-033 (2,3',4'-TrCB)	PCB-034 (2,3',5'-TrCB)	PCB-035 (3,3',4-TrCB)	PCB-036 (3,3',5-TrCB)	PCB-037 (3,4,4'-TrCB)	PCB-038 (3,4,5-TrCB)	PCB-039 (3,4',5-TrCB)	PCBs 18+30	PCBs 20+28	PCBs 21+33	PCBs 26+29	PCB-040 (2,2',3,3'-TeCB)	PCB-041 (2,2',3,4-TeCB)	PCB-042 (2,2',3,4'-TeCB)
DU-1	M-161D-0.5-20141203	0.000019 1	0.0000012 1	--	0.00000195 0	0.000037 1	0.000018 1	0.000067 1	0.000005 1	0.000038 1	0.000006 1	0.000025 1	0.000018 1	0.000012 1	--	0.0000048 1	0.000007 1
	M-162D-0.5-20141209	0.000049 1	0.0000024 1	--	0.000006 0	0.00013 1	0.000042 1	0.00019 1	0.000021 1	0.000048 1	0.000012 1	0.000051 1	0.000039 1	0.00003 1	--	0.0000085 1	0.000013 1
	RISB-09-0.5-20141211	0.000014 1	0.0000012 1	--	0.000000075 0	0.0000096 1	0.0000038 1	0.00002 1	0.000000085 0	0.0000008 0	0.0000065 1	0.000013 1	0.0000087 1	0.0000046 1	--	0.0000024 1	0.0000043 1
	RISB-10-0.5-20141215	0.000011 1	0.00000095 0	--	0.00000215 0	0.00002 1	0.0000023 0	0.000031 1	0.00000245 0	0.0000022 0	0.0000079 1	0.000017 1	0.0000055 1	0.00000215 0	--	0.000001 0	0.0000036 1
	RISB-11-0.5-20141217	0.0000065 1	0.00000075 0	--	0.00000135 0	0.000000155 0	0.00000145 0	0.0000052 1	0.000000155 0	0.0000014 0	0.000006 1	0.0000075 1	0.00000125 0	0.00000135 0	--	0.0000009 0	0.0000007 0
	RISB-12-0.5-20141215	0.0003 1	0.000072 1	--	0.000014 0	0.000016 0	0.0000145 0	0.00066 1	0.000016 0	0.000014 0	0.00012 1	0.00086 1	0.00007 1	0.000014 0	--	0.00011 1	0.00028 1
	RISB-13-0.5-20141217	0.000021 1	0.0000022 1	--	0.000000275 0	0.0000032 0	0.00000295 0	0.000032 1	0.0000032 0	0.000000285 0	0.000017 1	0.000026 1	0.0000089 1	0.000000275 0	--	0.000000115 0	0.0000066 1
	RISB-14-0.5-20141216	0.00032 1	0.000035 1	--	0.000087 1	0.00043 1	0.00013 1	0.00065 1	0.0000315 0	0.000028 0	0.00013 1	0.00045 1	0.00025 1	0.00012 1	--	0.000063 1	0.00014 1
	RISB-39-0.5-20141121	0.00007 1	0.0000074 1	--	0.000014 1	0.000088 1	0.000047 1	0.00012 1	0.0000075 0	0.000043 1	0.000029 1	0.000077 1	0.000086 1	0.000054 1	--	0.000014 1	0.000024 1
	RISB-40-0.5-20141121	0.00017 1	0.000019 1	--	0.000036 1	0.0002 1	0.000098 1	0.00025 1	0.000066 1	0.000096 1	0.000065 1	0.00018 1	0.0002 1	0.00012 1	--	0.000034 1	0.000058 1
	RISB-41-0.5-20141121	0.0000063 1	0.00000064 1	--	0.0000012 1	0.0000068 1	0.0000038 1	0.000011 1	0.0000022 1	0.0000033 1	0.0000028 1	0.0000066 1	0.0000068 1	0.0000045 1	--	0.0000011 1	0.0000015 1
	RISB-41-0.5-20141121-FD	0.0000052 1	0.00000062 1	--	0.000000465 0	0.0000056 1	0.0000034 1	0.0000098 1	0.00000055 0	0.000000475 0	0.0000023 1	0.0000059 1	0.0000057 1	0.0000031 1	--	0.0000012 1	0.0000016 1
	RISB-47-0.5-20141120	0.000013 1	0.0000018 1	--	0.0000036 1	0.000023 1	0.0000093 1	0.000041 1	0.0000047 1	0.000016 1	0.0000057 1	0.000018 1	0.000016 1	0.00001 1	--	0.000003 1	0.0000056 1
	RISB-48-0.5-20141120	0.0000035 1	0.00000059 1	--	0.00000087 1	0.0000059 1	0.0000017 1	0.00001 1	0.0000015 1	0.000002 1	0.0000018 1	0.0000049 1	0.0000047 1	0.0000024 1	--	0.00000089 1	0.0000016 1
	RIT-1-01-20141111	0.00002 1	0.0000052 1	--	0.0000008 0	0.0000073 1	0.0000035 1	0.000024 1	0.00000095 0	0.00000085 0	0.000013 1	0.000045 1	0.00001 1	0.0000036 1	--	0.0000049 1	0.000016 1
	RIT-1-02-20141111	0.000041 1	0.0000069 1	--	0.00000085 0	0.0000084 1	0.0000009 0	0.000071 1	0.000001 0	0.0000009 0	0.000016 1	0.000063 1	0.000021 1	0.0000075 1	--	0.0000057 1	0.000019 1
	RIT-1-03-20141112	0.00019 1	0.000031 1	--	0.000044 1	0.00025 1	0.00017 1	0.00032 1	0.000072 1	0.00015 1	0.00007 1	0.00032 1	0.00024 1	0.00014 1	--	0.000061 1	0.000096 1
	RIT-1-04-20141112	0.000072 1	0.000000365 0	--	0.0000027 0	0.000013 1	0.0000084 1	0.00015 1	0.0000031 0	0.0000087 1	0.00004 1	0.00014 1	0.000036 1	0.000019 1	--	0.000018 1	0.000079 1
	RIT-1-05-20141112	0.001 1	0.00013 1	--	0.000007 0	0.000041 1	0.0000075 0	0.00095 1	0.000008 0	0.000007 0	0.00026 1	0.0016 1	0.00052 1	0.00013 1	--	0.000075 1	0.00017 1
	RIT-2-01-20141112	0.0000074 1	0.0000016 1	--	0.000000365 0	0.0000041 1	0.0000018 1	0.000015 1	0.00000042 0	0.0000024 1	0.0000036 1	0.000011 1	0.0000043 1	0.0000016 1	--	0.0000021 1	0.0000058 1
	RIT-2-02-20141112	0.000014 1	0.0000025 1	--	0.0000037 1	0.000028 1	0.000019 1	0.000044 1	0.0000064 1	0.000019 1	0.0000064 1	0.000024 1	0.000018 1	0.000012 1	--	0.0000055 1	0.000013 1
	RIT-2-03-20141112	0.000048 1	0.000015 1	--	0.000013 1	0.000065 1	0.000038 1	0.00015 1	0.000013 1	0.000055 1	0.000031 1	0.00007 1	0.00005 1	0.00003 1	--	0.000017 1	0.000046 1
	RIT-2-03-20141112-FD	0.000074 1	0.000023 1	--	0.000021 1	0.000095 1	0.000072 1	0.00021 1	0.00003 1	0.000086 1	0.000053 1	0.0001 1	0.000079 1	0.000048 1	--	0.000029 1	0.000069 1
	RIT-2-04-20141113	0.000019 1	0.0000025 1	--	0.00000055 0	0.0000036 1	0.00000055 0	0.000035 1	0.0000006 0	0.00000055 0	0.0000007 1	0.000028 1	0.000016 1	0.0000023 1	--	0.0000022 1	0.0000076 1
	RIT-2-05-20141113	0.0000084 1	0.0000015 1	--	0.000000295 0	0.000002 1	0.000000315 0	0.0000088 1	0.00000034 0	0.000000305 0	0.0000028 1	0.000013 1	0.0000042 1	0.00000072 1	--	0.00000071 1	0.00000075 1
	RIT-3-01-20141113	0.0000014 1	0.00000032 1	--	0.00000013 0	0.00000015 0	0.00000014 0	0.0000011 1	0.00000015 0	0.000000135 0	0.00000085 1	0.0000023 1	0.00000058 1	0.00000013 0	--	0.00000008 0	0.00000036 1
	RIT-3-02-20141113	0.000004 1	0.00000033 1	--	0.000000165 0	0.00000019 0	0.000000175 0	0.0000053 1	0.00000019 0	0.00000017 0	0.0000018 1	0.0000024 1	0.0000014 1	0.00000044 1	--	0.00000011 0	0.0000013 1
	RIT-3-03-20141113	0.0000058 1	0.0000006 0	--	0.0000007 0	0.00000085 0	0.00000075 0	0.0000098 1	0.00000085 0	0.00000075 0	0.000002 1	0.0000058 1	0.0000033 1	0.0000007 0	--	0.0000006 0	0.0000023 1
	RIT-3-03-20141113-FD	0.0000074 1	0.0000016 1	--	0.0000009 0	0.00000105 0	0.000001 0	0.000017 1	0.00000105 0	0.00000095 0	0.0000049 1	0.000014 1	0.0000054 1	0.0000009 0	--	0.000000475 0	0.0000035 1
	RIT-3-04-20141113	0.000012 1	0.00000084 1	--	0.000000245 0	0.0000016 1	0.00000026 0	0.000019 1	0.00000028 0	0.0000015 1	0.0000049 1	0.0000099 1	0.0000048 1	0.0000019 1	--	0.00000035 1	0.0000022 1
	RIT-3-05-20141113	0.000023 1	0.0000036 1	--	0.0000024 1	0.0000066 1	0.0000032 1	0.000033 1	0.00000105 0	0.0000049 1	0.000013 1	0.000028 1	0.000013 1	0.0000052 1	--	0.0000045 1	0.0000087 1
	RSAM8-0.5B	0.0000523 1	0.000014 1	--	0.000000148 0	0.00000545 1	0.00000161 1	0.0000111 1	0.000000163 0	0.0000019 1	0.0000462 1	0.00005 1	0.0000321 1	0.00000954 1	--	--	0.000011 1
	RSAO2-0.5B	0.0000468 1	0.00000718 1	--	0.000001545 0	0.00000178 0	0.000001495 0	0.0000285 1	0.000001695 0	0.000001405 0	0.0000241 1	0.0000448 1	0.0000269 1	0.000001405 0	--	--	0.000002015 0
	SA166-0.5B	0.000018 1	0.00000496 1	--	2.435E-07 0	0.00000818 1	0.000000236 0	0.0000522 1	2.675E-07 0	0.00000285 1	0.0000147 1	0.0000258 1	0.00000916 1	0.00000228 1	--	--	0.0000131 1
	SA180-0.5B	0.000308 1	0.000028 1	--	0.00000457 1	0.0000303 1	0.00000512 1	0.000141 1	0.0000031 1	0.0000188 1	0.000113 1	0.0003 1	0.0000848 1	0.0000391 1	--	--	0.000121 1
DU-2	RSAU5-0.5B	0.000051 1	0.0000111 1	--	0.000000394 0	0.0000044 1	3.795E-07 0	0.0000125 1	4.555E-07 0	0.000000429 0	0.0000219 1	0.0000624 1	0.000036 1	0.00000964 1	--	--	0.00000687 1
DU-3	SA128-10B	0.000045 1	0.000024 1	0.000022 1	0.0000105 0	0.0000105 0	0.0000105 0	0.0000092 1	0.0000105 0	0.0000105 0	--	--	--	--	0.000012 1	0.000042 1	0.00002 1
Parcel E	RISB-EJ-01-1.0-20180926	0.00000047 1	0.00000007 0	--	0.000000065 0	0.00000007 0	0.00000006 0	0.00000029 1	0.00000007 0	0.000000065 0	0.00000037 1	0.00000045 1	0.00000023 1	0.00000006 0	--	0.00000016 0	0.00000013 0
	RISB-EJ-02-1.0-20180924	0.0000035 1	0.00000028 1	--	0.00000034 1	0.0000024 1	0.0000015 1	0.0000069 1	0.00000071 1	0.0000016 1	0.0000012 1	0.000003 1	0.0000021 1	0.0000016 1	--	0.00000039 1	0.00000083 1
	RISB-EJ-03-1.0-20180925	0.0000021 1	0.00000018 1	--	4.85E-08 0	0.0000006 1	0.00000029 1	0.0000024 1	0.00000005 0	0.00000063 1	0.0000015 1	0.0000013 1	0.0000006 1	0.00000051 1	--	0.00000017 1	0.0000003 1
	RISB-EJ-03-1.0-20180925-FD	0.0000085 1	0.00000074 1	--	0.000000135 0	0.000002 1	0.00000055 1	0.00001 1	0.00000015 0	0.00000084 1	0.0000037 1	0.0000058 1	0.0000047 1	0.0000022 1	--	0.00000013 0	0.0000011 1
	RISB-EJ-04-1.0-20180925	0.000014 1	0.00000071 1	--	0.000001 1	0.0000066 1	0.0000031 1	0.000021 1	0.0000012 1	0.0000046 1	0.0000033 1	0.0000097 1	0.0000051 1	0.000004 1	--	0.00000091 1	0.0000021 1
	RISB-ER-01-1.0-20180925	0.0000076 1	0.00000047 1	--	0.000000095 0	0.00000043 1	0.00000034 1	0.0000041 1	0.0000001 0	0.00000043 1	0.0000041 1	0.0000039 1	0.0000036 1	0.0000014 1	--	0.00000018 1	0.0000004 1
	RISB-ER-02-1.0-20180924	0.0000017 1	0.000000049 0	--	0.000000075 0	0.0000011 1	0.00000043 1	0.0000032 1	0.00000036 1	0.00000073 1	0.00000064 1	0.0000013 1	0.00000089 1	0.00000051 1	--	0.00000007 0	0.000000055 0
	RISB-ER-03-1.0-20180925	0.0000011 1	0.0000002 1	--	3.65E-08 0	0.00000044 1	0.00000039 1	0.0000011 1	0.0000002 1	0.00000048 1	0.0000005 1	0.0000011 1	0.00000062 1	0.00000053 1	--	0.00000018 1	0.00000027 1

Table D-4: Operations Area and Parcel E PCB Homolog Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

		Tetrachlorobiphenyl															
Eco DU	Sample Name	PCB-043 (2,2',3,5-TeCB)	PCB-044 (2,2',3,5'-TeCB)	PCB-045 (2,2',3,6-TeCB)	PCB-046 (2,2',3,6'-TeCB)	PCB-047 (2,2',4,4'-TeCB)	PCB-048 (2,2',4,5-TeCB)	PCB-049 (2,2',4,5'-TeCB)	PCB-050 (2,2',4,6-TeCB)	PCB-051 (2,2',4,6'-TeCB)	PCB-052 (2,2',5,5'-TeCB)	PCB-053 (2,2',5,6'-TeCB)	PCB-054 (2,2',6,6'-TeCB)	PCB-055 (2,3,3',4-TeCB)	PCB-056 (2,3,3',4'-TeCB)	PCB-057 (2,3,3',5-TeCB)	PCB-058 (2,3,3',5'-TeCB)
DU-1	M-161D-0.5-20141203	0.0000048 1	--	0.0000027 1	0.0000013 1	--	0.0000075 1	--	--	0.0000028 1	0.000027 1	--	0.00000096 1	0.000011 1	0.000044 1	0.00001 1	0.0000038 0
	M-162D-0.5-20141209	0.000011 1	--	0.0000061 1	0.0000019 1	--	0.000016 1	--	--	0.0000041 1	0.00011 1	--	0.00000036 0	0.000029 1	0.00012 1	0.000039 1	0.00002 1
	RISB-09-0.5-20141211	0.0000024 1	--	0.000002 1	0.00000094 1	--	0.0000042 1	--	--	0.0000014 1	0.000038 1	--	0.00000027 1	0.0000008 0	0.000018 1	0.0000009 0	0.0000009 0
	RISB-10-0.5-20141215	0.0000024 1	--	0.00000095 0	0.00000095 0	--	0.0000032 1	--	--	0.00000075 0	0.00002 1	--	0.00000075 0	0.0000081 1	0.00000245 0	0.00000225 0	0.00000225 0
	RISB-11-0.5-20141217	0.00000085 0	--	0.00000085 0	0.00000085 0	--	0.00000075 0	--	--	0.00000065 0	0.0000061 1	--	0.000000465 0	0.00000105 0	0.0000013 0	0.0000012 0	0.0000012 0
	RISB-12-0.5-20141215	0.00006 1	--	0.00013 1	0.000053 1	--	0.00016 1	--	--	0.000038 1	0.0017 1	--	0.0000029 1	0.000015 0	0.0007 1	0.00024 1	0.0000165 0
	RISB-13-0.5-20141217	0.0000011 0	--	0.000006 1	0.0000011 0	--	0.0000039 1	--	--	0.00000085 0	0.000081 1	--	0.0000007 0	0.0000021 0	0.000012 1	0.00000235 0	0.00000235 0
	RISB-14-0.5-20141216	0.00014 1	--	0.000066 1	0.000005 0	--	0.00014 1	--	--	0.000049 1	0.00039 1	--	0.000003 0	0.00016 1	0.00067 1	0.000046 0	0.000046 0
	RISB-39-0.5-20141121	0.000022 1	--	0.00000145 0	0.00000145 0	--	0.000028 1	--	--	0.000016 1	0.000082 1	--	0.000001 0	0.000032 1	0.00011 1	0.000031 1	0.000007 0
	RISB-40-0.5-20141121	0.000052 1	--	0.000032 1	0.000015 1	--	0.00007 1	--	--	0.000025 1	0.00016 1	--	0.000009 1	0.000082 1	0.00024 1	0.000071 1	0.000054 1
	RISB-41-0.5-20141121	0.0000021 1	--	0.0000012 1	0.00000052 1	--	0.0000021 1	--	--	0.0000011 1	0.0000087 1	--	0.000000075 0	0.0000031 1	0.000011 1	0.0000031 1	0.0000021 1
	RISB-41-0.5-20141121-FD	0.0000015 1	--	0.00000093 1	0.000000145 0	--	0.0000016 1	--	--	0.0000012 1	0.0000093 1	--	0.000000095 0	0.0000005 0	0.0000084 1	0.0000017 1	0.00000055 0
	RISB-47-0.5-20141120	0.0000053 1	--	0.0000034 1	0.000001 1	--	0.0000061 1	--	--	0.0000035 1	0.000029 1	--	0.000000195 0	0.0000076 1	0.00003 1	0.0000079 1	0.000008 1
	RISB-48-0.5-20141120	0.0000012 1	--	0.00000092 1	0.00000044 1	--	0.0000012 1	--	--	0.00000091 1	0.0000065 1	--	0.000000055 0	0.0000015 1	0.0000057 1	0.0000012 1	0.0000016 1
	RIT-1-01-20141111	0.0000043 1	--	0.000014 1	0.0000046 1	--	0.0000093 1	--	--	0.0000027 1	0.000066 1	--	0.00000032 1	0.0000052 1	0.000035 1	0.0000017 1	0.000002 1
	RIT-1-02-20141111	0.0000029 1	--	0.000023 1	0.00001 1	--	0.0000096 1	--	--	0.0000063 1	0.00012 1	--	0.00000055 1	0.00000125 0	0.000057 1	0.0000014 0	0.0000014 0
	RIT-1-03-20141112	0.000059 1	--	0.000061 1	0.000023 1	--	0.000081 1	--	--	0.000031 1	0.00033 1	--	0.0000063 1	0.0001 1	0.0004 1	0.000092 1	0.000061 1
	RIT-1-04-20141112	0.000019 1	--	0.00007 1	0.000026 1	--	0.00003 1	--	--	0.000019 1	0.00062 1	--	0.0000014 1	0.0000065 0	0.00015 1	0.000007 0	0.000007 0
	RIT-1-05-20141112	0.000028 1	--	0.000087 1	0.000037 1	--	0.00013 1	--	--	0.000018 1	0.00053 1	--	0.0000009 1	0.000004 0	0.00056 1	0.00000445 0	0.0000044 0
	RIT-2-01-20141112	0.0000024 1	--	0.0000057 1	0.0000026 1	--	0.0000037 1	--	--	0.0000039 1	0.000025 1	--	0.0000013 1	0.0000049 1	0.000027 1	0.0000011 0	0.000005 1
	RIT-2-02-20141112	0.0000053 1	--	0.0000094 1	0.0000041 1	--	0.0000078 1	--	--	0.0000081 1	0.000039 1	--	0.0000019 1	0.000017 1	0.000036 1	0.000012 1	0.00002 1
	RIT-2-03-20141112	0.000024 1	--	0.000032 1	0.000013 1	--	0.000032 1	--	--	0.000023 1	0.00014 1	--	0.0000052 1	0.000038 1	0.00013 1	0.000027 1	0.000049 1
	RIT-2-03-20141112-FD	0.000043 1	--	0.000042 1	0.000019 1	--	0.000052 1	--	--	0.000034 1	0.00023 1	--	0.0000069 1	0.000044 1	0.00021 1	0.00004 1	0.000062 1
	RIT-2-04-20141113	0.0000011 1	--	0.0000027 1	0.00000093 1	--	0.000004 1	--	--	0.0000013 1	0.000049 1	--	0.00000006 0	0.00000085 0	0.000079 1	0.0000009 0	0.0000009 0
	RIT-2-05-20141113	0.00000016 0	--	0.0000013 1	0.00000048 1	--	0.0000011 1	--	--	0.00000067 1	0.000011 1	--	0.00000013 0	0.000000245 0	0.000012 1	0.00000027 0	0.00000027 0
	RIT-3-01-20141113	0.000000075 0	--	0.00000027 1	0.000000075 0	--	0.00000023 1	--	--	0.00000006 0	0.000003 1	--	0.000000047 0	0.000000095 0	0.00000074 1	0.000000105 0	0.000000105 0
	RIT-3-02-20141113	0.000000105 0	--	0.00000086 1	0.000000105 0	--	0.0000008 1	--	--	0.00000008 0	0.000045 1	--	4.55E-08 0	0.000000155 0	0.0000054 1	0.0000032 1	0.00000017 0
	RIT-3-03-20141113	0.0000006 0	--	0.0000006 0	0.0000006 0	--	0.0000015 1	--	--	0.00000045 0	0.000013 1	--	0.00000042 0	0.00000085 0	0.0000071 1	0.0000009 0	0.0000009 0
	RIT-3-03-20141113-FD	0.000000455 0	--	0.0000015 1	0.00000045 0	--	0.0000027 1	--	--	0.00000035 0	0.000021 1	--	0.00000032 0	0.00000085 0	0.0000095 1	0.0000009 0	0.0000009 0
	RIT-3-04-20141113	0.00000037 1	--	0.000002 1	0.00000074 1	--	0.00000062 1	--	--	0.00000062 1	0.000015 1	--	0.00000014 1	0.000000345 0	0.0000067 1	0.000000385 0	0.000000385 0
	RIT-3-05-20141113	0.0000028 1	--	0.0000044 1	0.000002 1	--	0.0000071 1	--	--	0.0000017 1	0.000062 1	--	0.00000034 1	0.0000025 1	0.000031 1	0.00000085 0	0.0000021 1
	RSAM8-0.5B	--	--	--	0.00000205 1	--	0.00000694 1	--	--	--	0.000195 1	--	0.000000287 0	2.895E-07 0	0.0000205 1	0.000000308 0	2.765E-07 0
	RSAO2-0.5B	--	--	--	0.00000189 0	--	0.00000832 1	--	--	--	0.0000852 1	--	0.000001725 0	0.000001375 0	0.0000176 1	0.00000146 0	0.00000131 0
	SA166-0.5B	--	--	--	0.00000148 1	--	0.00000459 1	--	--	--	0.000105 1	--	0.000000288 0	0.000000654 1	0.0000224 1	3.105E-07 0	0.00000067 1
	SA180-0.5B	--	--	--	0.0000189 1	--	0.0000595 1	--	--	--	0.00387 1	--	0.00000233 1	0.00000518 1	0.000245 1	0.00000407 1	0.000193 1
DU-2	RSAU5-0.5B	--	--	--	0.00000222 1	--	0.00000671 1	--	--	--	0.000052 1	--	0.000000254 0	2.775E-07 0	0.0000101 1	2.335E-07 0	0.00000252 1
DU-3	SA128-10B	0.000051 1	0.000051 1	0.000011 1	0.0000052 1	0.000025 1	0.000025 1	0.000051 1	0.0000105 0	0.0000034 1	0.000064 1	0.000012 1	0.0000105 0	0.0000105 0	0.000046 1	0.0000105 0	0.0000105 0
Parcel E	RISB-EJ-01-1.0-20180926	0.00000015 0	--	0.000000135 0	0.000000145 0	--	0.00000012 0	--	--	0.00000011 0	0.0000009 1	--	0.00000005 0	0.00000007 0	0.000000075 0	0.00000007 0	0.000000065 0
	RISB-EJ-02-1.0-20180924	0.0000006 1	--	0.00000028 1	0.00000015 1	--	0.00000082 1	--	--	0.00000027 1	0.000004 1	--	0.000000073 1	0.00000063 1	0.0000036 1	0.00000082 1	0.00000063 1
	RISB-EJ-03-1.0-20180925	0.00000006 0	--	0.00000019 1	0.00000006 0	--	0.00000026 1	--	--	4.55E-08 0	0.0000018 1	--	0.00000029 1	0.00000019 1	0.0000012 1	0.00000006 0	0.000000055 0
	RISB-EJ-03-1.0-20180925-FD	0.00000012 0	--	0.00000045 1	0.000000115 0	--	0.00000077 1	--	--	0.00000009 0	0.000021 1	--	2.75E-08 0	0.0000004 1	0.0000034 1	0.00000041 1	0.000000105 0
	RISB-EJ-04-1.0-20180925	0.0000014 1	--	0.00000083 1	0.000000235 0	--	0.000002 1	--	--	0.00000054 1	0.000013 1	--	0.00000019 1	0.0000018 1	0.0000096 1	0.0000026 1	0.0000015 1
	RISB-ER-01-1.0-20180925	0.00000032 1	--	0.0000002 1	0.000000075 0	--	0.00000062 1	--	--	0.00000006 0	0.0000032 1	--	0.00000039 1	0.00000015 1	0.0000012 1	0.00000033 1	4.65E-08 0
	RISB-ER-02-1.0-20180924	0.000000065 0	--	0.00000006 0	0.00000006 0	--	0.00000019 1	--	--	0.000000048 0	0.0000012 1	--	3.05E-08 0	0.000000065 0	0.000001 1	0.00000015 1	0.00000006 0
	RISB-ER-03-1.0-20180925	0.00000021 1	--	0.00000011 1	0.00000014 1	--	0.00000032 1	--	--	0.00000014 1	0.0000013 1	--	0.00000011 1	0.00000022 1	0.00000056 1	0.00000023 1	0.00000018 1

Table D-4: Operations Area and Parcel E PCB Homolog Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Eco DU	Sample Name	Tetrachlorobiphenyl																	
		PCB-059 (2,3,3',6-TeCB)	PCB-060 (2,3,4,4'-TeCB)	PCB-061 (2,3,4,5-TeCB)	PCB-062 (2,3,4,6-TeCB)	PCB-063 (2,3,4',5-TeCB)	PCB-064 (2,3,4',6-TeCB)	PCB-065 (2,3,5,6-TeCB)	PCB-066 (2,3',4,4'-TeCB)	PCB-067 (2,3',4,5-TeCB)	PCB-068 (2,3',4,5'-TeCB)	PCB-069 (2,3',4,6-TeCB)	PCB-070 (2,3',4',5-TeCB)	PCB-071 (2,3',4',6-TeCB)	PCB-072 (2,3',5,5'-TeCB)	PCB-073 (2,3',5',6-TeCB)	PCB-074 (2,4,4',5-TeCB)	PCB-075 (2,4,4',6-TeCB)
DU-1	M-161D-0.5-20141203	--	0.000011 1	--	--	0.00001 1	0.000008 1	--	0.000073 1	0.000013 1	0.000018 1	--	--	--	0.000018 1	0.0000033 1	--	--
	M-162D-0.5-20141209	--	0.000039 1	--	--	0.000025 1	0.000023 1	--	0.00023 1	0.000046 1	0.00004 1	--	--	--	0.000036 1	0.0000061 1	--	--
	RISB-09-0.5-20141211	--	0.0000085 1	--	--	0.0000038 1	0.000007 1	--	0.000037 1	0.0000008 0	0.0000043 1	--	--	--	0.000004 1	0.0000012 1	--	--
	RISB-10-0.5-20141215	--	0.0000022 0	--	--	0.00000215 0	0.0000025 1	--	0.000027 1	0.0000021 0	0.0000085 1	--	--	--	0.0000088 1	0.0000006 0	--	--
	RISB-11-0.5-20141217	--	0.00000115 0	--	--	0.0000011 0	0.0000023 1	--	0.0000052 1	0.0000011 0	0.0000011 0	--	--	--	0.00000115 0	0.00000055 0	--	--
	RISB-12-0.5-20141215	--	0.0005 1	--	--	0.0000155 0	0.00053 1	--	0.0013 1	0.0000155 0	0.0000155 0	--	--	--	0.000016 0	0.00000115 0	--	--
	RISB-13-0.5-20141217	--	0.0000078 1	--	--	0.0000022 0	0.000017 1	--	0.000037 1	0.00000215 0	0.00000215 0	--	--	--	0.00000225 0	0.0000007 0	--	--
	RISB-14-0.5-20141216	--	0.0002 1	--	--	0.00015 1	0.00015 1	--	0.00094 1	0.0000425 0	0.00023 1	--	--	--	0.00031 1	0.00006 1	--	--
	RISB-39-0.5-20141121	--	0.000033 1	--	--	0.000032 1	0.000027 1	--	0.00016 1	0.000024 1	0.000047 1	--	--	--	0.000034 1	0.0000086 1	--	--
	RISB-40-0.5-20141121	--	0.000066 1	--	--	0.000082 1	0.000053 1	--	0.00041 1	0.000099 1	0.00012 1	--	--	--	0.00015 1	0.00003 1	--	--
	RISB-41-0.5-20141121	--	0.0000028 1	--	--	0.0000026 1	0.0000022 1	--	0.000016 1	0.0000031 1	0.000004 1	--	--	--	0.0000031 1	0.00000097 1	--	--
	RISB-41-0.5-20141121-FD	--	0.00000055 0	--	--	0.0000023 1	0.0000019 1	--	0.000015 1	0.0000005 0	0.0000033 1	--	--	--	0.0000024 1	0.00000076 1	--	--
	RISB-47-0.5-20141120	--	0.0000085 1	--	--	0.0000083 1	0.0000076 1	--	0.000049 1	0.0000067 1	0.000015 1	--	--	--	0.000015 1	0.0000033 1	--	--
	RISB-48-0.5-20141120	--	0.000002 1	--	--	0.0000012 1	0.0000023 1	--	0.000011 1	0.0000016 1	0.0000024 1	--	--	--	0.0000033 1	0.00000057 1	--	--
	RIT-1-01-20141111	--	0.000017 1	--	--	0.0000041 1	0.000029 1	--	0.000065 1	0.0000029 1	0.0000042 1	--	--	--	0.0000037 1	0.0000013 1	--	--
	RIT-1-02-20141111	--	0.000035 1	--	--	0.0000042 1	0.000059 1	--	0.00012 1	0.0000029 1	0.0000013 0	--	--	--	0.00000135 0	0.00000082 1	--	--
	RIT-1-03-20141112	--	0.00012 1	--	--	0.000087 1	0.00014 1	--	0.00063 1	0.000091 1	0.00013 1	--	--	--	0.00016 1	0.000031 1	--	--
	RIT-1-04-20141112	--	0.00008 1	--	--	0.0000065 0	0.00017 1	--	0.00029 1	0.0000065 0	0.0000065 0	--	--	--	0.000007 0	0.000000445 0	--	--
	RIT-1-05-20141112	--	0.00038 1	--	--	0.000043 1	0.00041 1	--	0.0013 1	0.000025 1	0.00000405 0	--	--	--	0.00000425 0	0.0000022 1	--	--
	RIT-2-01-20141112	--	0.000013 1	--	--	0.0000041 1	0.000012 1	--	0.000051 1	0.000001 0	0.0000043 1	--	--	--	0.0000049 1	0.0000038 1	--	--
	RIT-2-02-20141112	--	0.000012 1	--	--	0.000016 1	0.000016 1	--	0.000065 1	0.000012 1	0.00003 1	--	--	--	0.000037 1	0.000012 1	--	--
	RIT-2-03-20141112	--	0.000049 1	--	--	0.000038 1	0.000056 1	--	0.00022 1	0.000029 1	0.000078 1	--	--	--	0.000082 1	0.000031 1	--	--
	RIT-2-03-20141112-FD	--	0.000068 1	--	--	0.000046 1	0.000078 1	--	0.00036 1	0.000033 1	0.0001 1	--	--	--	0.0001 1	0.000037 1	--	--
	RIT-2-04-20141113	--	0.000048 1	--	--	0.0000035 1	0.000025 1	--	0.00017 1	0.00000085 0	0.00000085 0	--	--	--	0.0000009 0	0.000000075 0	--	--
	RIT-2-05-20141113	--	0.0000093 1	--	--	0.000001 1	0.0000064 1	--	0.00003 1	0.00000025 0	0.00000025 0	--	--	--	0.00000026 0	0.0000001 0	--	--
	RIT-3-01-20141113	--	0.0000001 0	--	--	0.000000095 0	0.00000091 1	--	0.0000021 1	0.000000095 0	0.000000095 0	--	--	--	0.0000001 0	0.000000049 0	--	--
	RIT-3-02-20141113	--	0.000003 1	--	--	0.00000016 0	0.0000061 1	--	0.000013 1	0.000000155 0	0.000000155 0	--	--	--	0.000000165 0	0.00000007 0	--	--
	RIT-3-03-20141113	--	0.0000044 1	--	--	0.00000085 0	0.0000043 1	--	0.000017 1	0.00000085 0	0.00000085 0	--	--	--	0.0000009 0	0.00000037 0	--	--
	RIT-3-03-20141113-FD	--	0.0000086 1	--	--	0.00000085 0	0.0000075 1	--	0.000025 1	0.00000085 0	0.00000085 0	--	--	--	0.0000009 0	0.00000029 0	--	--
	RIT-3-04-20141113	--	0.0000047 1	--	--	0.00000036 0	0.0000068 1	--	0.000016 1	0.000000355 0	0.00000035 0	--	--	--	0.00000037 0	0.00000022 1	--	--
	RIT-3-05-20141113	--	0.000018 1	--	--	0.0000039 1	0.000018 1	--	0.000063 1	0.0000028 1	0.0000036 1	--	--	--	0.0000049 1	0.000001 1	--	--
	RSAM8-0.5B	--	0.00000817 1	--	--	0.00000245 1	0.0000305 1	--	0.0000527 1	0.00000138 1	0.00000195 1	--	--	--	0.00000127 1	--	--	--
	RSAO2-0.5B	--	0.0000161 1	--	--	0.000001415 0	0.0000228 1	--	0.0000468 1	0.000001265 0	0.000001275 0	--	--	--	0.00000139 0	--	--	--
	SA166-0.5B	--	0.0000281 1	--	--	0.00000535 1	0.0000412 1	--	0.0000648 1	0.0000014 1	0.00000183 1	--	--	--	0.00000385 1	--	--	--
	SA180-0.5B	--	0.000135 1	--	--	0.0000438 1	0.000457 1	--	0.000567 1	0.00000664 1	0.00000931 1	--	--	--	0.0000124 1	--	--	--
DU-2	RSAU5-0.5B	--	0.00000648 1	--	--	0.000000906 1	0.0000122 1	--	0.0000166 1	0.000000956 1	0.00000306 1	--	--	--	0.000000228 0	--	--	--
DU-3	SA128-10B	0.00002 1	0.000046 1	0.00003 1	0.0000105 0	0.0000105 0	0.000042 1	0.0000105 0	0.00004 1	0.0000105 0	0.000042 1	0.000063 1	0.000069 1	0.000017 1	0.0000105 0	0.000064 1	0.00003 1	0.000025 1
Parcel E	RISB-EJ-01-1.0-20180926	--	0.00000007 0	--	--	0.00000006 0	0.000000085 0	--	0.00000033 1	0.000000065 0	0.00000006 0	--	--	--	0.000000065 0	0.000000085 0	--	--
	RISB-EJ-02-1.0-20180924	--	0.0000014 1	--	--	0.00000072 1	0.0000011 1	--	0.0000057 1	0.0000012 1	0.0000011 1	--	--	--	0.0000013 1	0.00000024 1	--	--
	RISB-EJ-03-1.0-20180925	--	0.00000087 1	--	--	0.00000038 1	0.00000068 1	--	0.0000026 1	0.00000031 1	0.00000027 1	--	--	--	0.00000029 1	3.55E-08 0	--	--
	RISB-EJ-03-1.0-20180925-FD	--	0.0000023 1	--	--	0.00000034 1	0.0000027 1	--	0.0000074 1	0.00000057 1	0.00000068 1	--	--	--	0.00000082 1	0.00000007 0	--	--
	RISB-EJ-04-1.0-20180925	--	0.0000058 1	--	--	0.0000027 1	0.0000039 1	--	0.000019 1	0.0000031 1	0.0000033 1	--	--	--	0.0000041 1	0.00000056 1	--	--
	RISB-ER-01-1.0-20180925	--	0.00000074 1	--	--	0.00000032 1	0.0000007 1	--	0.0000025 1	0.00000035 1	0.00000041 1	--	--	--	0.00000042 1	4.55E-08 0	--	--
	RISB-ER-02-1.0-20180924	--	0.00000069 1	--	--	0.00000021 1	0.00000038 1	--	0.0000019 1	0.00000031 1	0.00000028 1	--	--	--	0.0000002 1	0.000000038 0	--	--
	RISB-ER-03-1.0-20180925	--	0.00000024 1	--	--	0.00000021 1	0.00000027 1	--	0.0000011 1	0.00000027 1	0.00000032 1	--	--	--	0.00000035 1	0.000000096 1	--	--

Table D-4: Operations Area and Parcel E PCB Homolog Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

		Tetrachlorobiphenyl														
Eco DU	Sample Name	PCB-076 (2,3',4',5'-TeCB)	PCB-077 (3,3',4,4'-TeCB)	PCB-078 (3,3',4,5-TeCB)	PCB-079 (3,3',4,5'-TeCB)	PCB-080 (3,3',5,5'-TeCB)	PCB-081 (3,4,4',5-TeCB)	PCBs 40+41+71	PCBs 40+71	PCBs 43+73	PCBs 44+47+65	PCBs 45+51	PCBs 49+69	PCBs 50+53	PCBs 59+62+75	PCBs 61+70+74+76
DU-1	M-161D-0.5-20141203	--	0.000067 1	0.000034 1	0.000049 1	0.000018 1	0.00003 1	--	0.000045 1	--	0.000035 1	--	0.00002 1	0.000003 1	0.000028 1	0.00011 1
	M-162D-0.5-20141209	--	0.00018 1	0.00011 1	0.00012 1	0.000041 1	0.000087 1	--	0.000083 1	--	0.000082 1	--	0.000045 1	0.0000073 1	0.000000415 0	0.00041 1
	RISB-09-0.5-20141211	--	0.000018 1	0.0000059 1	0.000011 1	0.0000043 1	0.0000069 1	--	0.000015 1	--	0.000023 1	--	0.000012 1	0.0000026 1	0.0000062 1	0.000064 1
	RISB-10-0.5-20141215	--	0.000021 1	0.00000255 0	0.00000235 0	0.0000021 0	0.000013 1	--	0.000019 1	--	0.000021 1	--	0.000013 1	0.0000031 1	0.0000006 0	0.000056 1
	RISB-11-0.5-20141217	--	0.00000195 0	0.00000135 0	0.00000125 0	0.0000011 0	0.0000017 0	--	0.0000007 0	--	0.000011 1	--	0.0000018 1	0.0000007 0	0.00000055 0	0.0000073 1
	RISB-12-0.5-20141215	--	0.00032 1	0.000019 0	0.0000175 0	0.0000155 0	0.0000235 0	--	0.00061 1	--	0.001 1	--	0.00044 1	0.0001 1	0.000087 1	0.0019 1
	RISB-13-0.5-20141217	--	0.000011 1	0.00000265 0	0.00000245 0	0.00000215 0	0.0000031 0	--	0.00002 1	--	0.000045 1	--	0.000019 1	0.0000009 0	0.0000007 0	0.000064 1
	RISB-14-0.5-20141216	--	0.00047 1	0.00005 0	0.00029 1	0.00015 1	0.00027 1	--	0.00081 1	--	0.00045 1	--	0.00033 1	0.000091 1	0.00036 1	0.0013 1
	RISB-39-0.5-20141121	--	0.000094 1	0.000056 1	0.000067 1	0.000031 1	0.000062 1	--	0.00016 1	--	0.00014 1	--	0.000066 1	0.000019 1	0.000099 1	0.00035 1
	RISB-40-0.5-20141121	--	0.00021 1	0.00014 1	0.00018 1	0.0001 1	0.00014 1	--	0.00039 1	--	0.00028 1	--	0.00016 1	0.000047 1	0.00024 1	0.00082 1
	RISB-41-0.5-20141121	--	0.000009 1	0.0000042 1	0.0000072 1	0.000003 1	0.0000054 1	--	0.000014 1	--	0.000011 1	--	0.0000058 1	0.0000019 1	0.0000078 1	0.000033 1
	RISB-41-0.5-20141121-FD	--	0.0000071 1	0.0000041 1	0.0000042 1	0.0000024 1	0.0000044 1	--	0.000011 1	--	0.000011 1	--	0.0000053 1	0.0000014 1	0.0000055 1	0.000025 1
	RISB-47-0.5-20141120	--	0.000032 1	0.000014 1	0.000029 1	0.000012 1	0.000017 1	--	0.000037 1	--	0.000034 1	--	0.000018 1	0.000005 1	0.00002 1	0.000078 1
	RISB-48-0.5-20141120	--	0.0000085 1	0.0000031 1	0.0000064 1	0.0000034 1	0.0000044 1	--	0.0000081 1	--	0.0000079 1	--	0.0000038 1	0.0000013 1	0.0000046 1	0.000016 1
	RIT-1-01-20141111	--	0.000015 1	0.0000033 1	0.0000064 1	0.0000025 1	0.0000036 1	--	0.000039 1	--	0.000058 1	--	0.000026 1	0.000011 1	0.000012 1	0.000084 1
	RIT-1-02-20141111	--	0.00004 1	0.00000155 0	0.000012 1	0.0000013 0	0.0000016 0	--	0.000046 1	--	0.000074 1	--	0.000031 1	0.000021 1	0.00001 1	0.00016 1
	RIT-1-03-20141112	--	0.00032 1	0.00017 1	0.0002 1	0.00011 1	0.00013 1	--	0.00047 1	--	0.00035 1	--	0.00021 1	0.000069 1	0.00028 1	0.0011 1
	RIT-1-04-20141112	--	0.00008 1	0.000008 0	0.000083 1	0.0000065 0	0.000015 1	--	0.00017 1	--	0.00028 1	--	0.000086 1	0.000064 1	0.00003 1	0.00038 1
	RIT-1-05-20141112	--	0.00024 1	0.00000495 0	0.000024 1	0.0000041 0	0.000014 1	--	0.00037 1	--	0.00057 1	--	0.00029 1	0.000055 1	0.000055 1	0.0016 1
	RIT-2-01-20141112	--	0.000018 1	0.0000042 1	0.000012 1	0.0000066 1	0.0000061 1	--	0.000024 1	--	0.000028 1	--	0.000013 1	0.0000082 1	0.000016 1	0.000074 1
	RIT-2-02-20141112	--	0.000042 1	0.000026 1	0.000054 1	0.00004 1	0.000024 1	--	0.000053 1	--	0.000042 1	--	0.000026 1	0.000015 1	0.000031 1	0.0001 1
	RIT-2-03-20141112	--	0.00013 1	0.000056 1	0.00013 1	0.000065 1	0.000064 1	--	0.00022 1	--	0.00016 1	--	0.0001 1	0.000046 1	0.00012 1	0.00032 1
	RIT-2-03-20141112-FD	--	0.00019 1	0.000072 1	0.00016 1	0.000079 1	0.000084 1	--	0.00033 1	--	0.00025 1	--	0.00016 1	0.000067 1	0.00017 1	0.00049 1
	RIT-2-04-20141113	--	0.000055 1	0.00000105 0	0.0000055 1	0.00000085 0	0.0000043 1	--	0.000016 1	--	0.00003 1	--	0.000018 1	0.0000031 1	0.0000034 1	0.00024 1
	RIT-2-05-20141113	--	0.000012 1	0.000000305 0	0.00000092 1	0.00000025 0	0.000000345 0	--	0.0000039 1	--	0.0000089 1	--	0.0000047 1	0.000001 1	0.00000096 1	0.000041 1
	RIT-3-01-20141113	--	0.00000015 0	0.000000115 0	0.00000011 0	0.000000095 0	0.00000014 0	--	0.00000087 1	--	0.0000023 1	--	0.0000009 1	0.00000031 1	0.000000048 0	0.0000027 1
	RIT-3-02-20141113	--	0.0000062 1	0.00000019 0	0.0000029 1	0.00000016 0	0.00000098 1	--	0.0000038 1	--	0.000016 1	--	0.0000071 1	0.0000013 1	0.00000064 1	0.000029 1
	RIT-3-03-20141113	--	0.0000051 1	0.00000105 0	0.00000095 0	0.00000085 0	0.0000013 0	--	0.0000042 1	--	0.00001 1	--	0.0000035 1	0.000000465 0	0.0000011 1	0.000026 1
	RIT-3-03-20141113-FD	--	0.000015 1	0.00000105 0	0.00000095 0	0.00000085 0	0.00000135 0	--	0.0000078 1	--	0.000016 1	--	0.0000074 1	0.0000014 1	0.0000016 1	0.00004 1
	RIT-3-04-20141113	--	0.0000026 1	0.00000043 0	0.000003 1	0.000000355 0	0.0000005 0	--	0.0000044 1	--	0.0000092 1	--	0.0000036 1	0.000002 1	0.0000014 1	0.000025 1
	RIT-3-05-20141113	--	0.000024 1	0.0000033 1	0.000011 1	0.0000036 1	0.0000051 1	--	0.000026 1	--	0.000041 1	--	0.00002 1	0.0000045 1	0.00001 1	0.00011 1
	RSAM8-0.5B	--	0.00000916 1	0.000000194 0	0.00000501 1	0.000000627 1	0.000000202 0	0.0000252 1	--	0.000000322 0	0.0000916 1	0.00000713 1	0.0000457 1	0.00000637 1	0.00000378 1	0.00021 1
	RSAO2-0.5B	--	0.000001405 0	0.00000155 0	0.000001285 0	0.000001215 0	0.00000133 0	0.0000185 1	--	0.00000153 0	0.000051 1	0.00000166 0	0.00003 1	0.0000016 0	0.00000133 0	0.0000994 1
	SA166-0.5B	--	0.0000379 1	0.000000725 0	0.0000129 1	0.00000379 1	0.0000041 1	0.0000277 1	--	0.00000122 1	0.0000626 1	0.0000045 1	0.0000242 1	0.00000415 1	0.0000057 1	0.000114 1
	SA180-0.5B	--	0.0005 1	0.00000271 0	0.0000607 1	0.000002125 0	0.000327 1	0.000271 1	--	0.00000681 1	0.00138 1	0.00000915 1	0.000669 1	0.0000907 1	0.0000404 1	0.00243 1
DU-2	RSAU5-0.5B	--	0.00000412 1	0.000000442 0	0.00000308 1	0.0000027 1	0.00000188 1	0.0000137 1	--	0.00000115 1	0.0000355 1	0.00000773 1	0.0000188 1	0.00000513 1	0.00000314 1	0.0000428 1
DU-3	SA128-10B	0.00004 1	0.00000205 0	0.0000105 0	0.0000105 0	0.00004 1	0.00000105 0	--	--	--	--	--	--	--	--	--
Parcel E	RISB-EJ-01-1.0-20180926	--	0.000000095 0	0.00000008 0	0.00000007 0	0.00000006 0	0.0000001 0	--	0.000000115 0	--	0.00000071 1	--	0.00000041 1	0.00000011 0	0.000000085 0	0.00000087 1
	RISB-EJ-02-1.0-20180924	--	0.0000053 1	0.0000022 1	0.0000031 1	0.0000015 1	0.0000022 1	--	0.0000029 1	--	0.0000039 1	--	0.0000017 1	0.00000037 1	0.0000018 1	0.000013 1
	RISB-EJ-03-1.0-20180925	--	0.000002 1	0.00000037 1	0.00000091 1	0.00000041 1	0.00000075 1	--	0.00000094 1	--	0.0000016 1	--	0.00000079 1	0.00000016 1	0.00000048 1	0.0000047 1
	RISB-EJ-03-1.0-20180925-FD	--	0.0000037 1	0.00000079 1	0.0000023 1	0.00000082 1	0.0000017 1	--	0.0000023 1	--	0.000009 1	--	0.0000044 1	0.00000065 1	0.000001 1	0.000018 1
	RISB-EJ-04-1.0-20180925	--	0.000016 1	0.0000054 1	0.0000082 1	0.0000035 1	0.0000065 1	--	0.0000064 1	--	0.000011 1	--	0.0000062 1	0.0000012 1	0.0000048 1	0.00004 1
	RISB-ER-01-1.0-20180925	--	0.0000014 1	0.00000025 1	0.00000042 1	0.00000013 1	0.00000053 1	--	0.0000011 1	--	0.0000024 1	--	0.0000011 1	0.0000002 1	0.00000077 1	0.0000059 1
	RISB-ER-02-1.0-20180924	--	0.0000021 1	0.00000059 1	0.0000011 1	0.00000045 1	0.0000007 1	--	0.00000054 1	--	0.0000011 1	--	0.00000053 1	0.000000047 0	0.00000041 1	0.0000042 1
	RISB-ER-03-1.0-20180925	--	0.00000069 1	0.00000025 1	0.00000047 1	0.00000024 1	0.00000047 1	--	0.00000083 1	--	0.0000014 1	--	0.00000071 1	0.0000002 1	0.00000061 1	0.0000023 1

Table D-4: Operations Area and Parcel E PCB Homolog Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Eco DU	Sample Name	Pentachlorobiphenyl															
		PCB-082 (2,2',3,3',4-PeCB)	PCB-083 (2,2',3,3',5-PeCB)	PCB-084 (2,2',3,3',6-PeCB)	PCB-085 (2,2',3,4,4'-PeCB)	PCB-086 (2,2',3,4,5-PeCB)	PCB-087 (2,2',3,4,5'-PeCB)	PCB-088 (2,2',3,4,6-PeCB)	PCB-089 (2,2',3,4,6'-PeCB)	PCB-090 (2,2',3,4',5-PeCB)	PCB-091 (2,2',3,4',6-PeCB)	PCB-092 (2,2',3,5,5'-PeCB)	PCB-093 (2,2',3,5,6-PeCB)	PCB-094 (2,2',3,5,6'-PeCB)	PCB-095 (2,2',3,5',6-PeCB)	PCB-096 (2,2',3,6,6'-PeCB)	PCB-097 (2,2',3,4',5'-PeCB)
DU-1	M-161D-0.5-20141203	0.000061 1	0.0000125 0	0.000024 1	--	--	--	--	0.0000105 0	--	--	0.000032 1	--	0.00001 0	0.000042 1	0.0000036 1	--
	M-162D-0.5-20141209	0.00014 1	0.000033 0	0.000071 1	--	--	--	--	0.0000285 0	--	--	0.000076 1	--	0.000027 0	0.00015 1	0.000005 1	--
	RISB-09-0.5-20141211	0.000016 1	0.0000042 0	0.000027 1	--	--	--	--	0.0000036 0	--	--	0.000021 1	--	0.00000345 0	0.000069 1	0.0000013 1	--
	RISB-10-0.5-20141215	0.000019 1	0.000007 0	0.0000065 0	--	--	--	--	0.000006 0	--	--	0.000021 1	--	0.0000055 0	0.000027 1	0.0000018 1	--
	RISB-11-0.5-20141217	0.0000019 0	0.0000021 0	0.0000019 0	--	--	--	--	0.0000018 0	--	--	0.0000017 0	--	0.0000017 0	0.0000057 1	0.00000075 0	--
	RISB-12-0.5-20141215	0.00016 0	0.000175 0	0.00089 1	--	--	--	--	0.00015 0	--	--	0.0019 1	--	0.000145 0	0.013 1	0.000024 1	--
	RISB-13-0.5-20141217	0.000005 0	0.000006 0	0.0000055 0	--	--	--	--	0.00000495 0	--	--	0.000023 1	--	0.0000047 0	0.000082 1	0.00000115 0	--
	RISB-14-0.5-20141216	0.000155 0	0.00017 0	0.000155 0	--	--	--	--	0.000145 0	--	--	0.00053 1	--	0.00014 0	0.0016 1	0.000044 1	--
	RISB-39-0.5-20141121	0.000023 0	0.000025 0	0.000023 0	--	--	--	--	0.0000215 0	--	--	0.000083 1	--	0.0000205 0	0.000081 1	0.000015 1	--
	RISB-40-0.5-20141121	0.00027 1	0.0000485 0	0.00011 1	--	--	--	--	0.0000415 0	--	--	0.00019 1	--	0.0000395 0	0.0002 1	0.000029 1	--
	RISB-41-0.5-20141121	0.000011 1	0.0000022 0	0.0000055 1	--	--	--	--	0.00000185 0	--	--	0.0000075 1	--	0.0000018 0	0.000012 1	0.0000011 1	--
	RISB-41-0.5-20141121-FD	0.0000094 1	0.00000185 0	0.0000041 1	--	--	--	--	0.00000155 0	--	--	0.0000059 1	--	0.0000015 0	0.0000095 1	0.00000095 1	--
	RISB-47-0.5-20141120	0.000041 1	0.000009 0	0.00002 1	--	--	--	--	0.0000075 0	--	--	0.000029 1	--	0.0000075 0	0.000037 1	0.0000034 1	--
	RISB-48-0.5-20141120	0.00001 1	0.00000235 0	0.0000051 1	--	--	--	--	0.000002 0	--	--	0.0000072 1	--	0.0000019 0	0.0000093 1	0.00000088 1	--
	RIT-1-01-20141111	0.00002 1	0.0000055 0	0.000027 1	--	--	--	--	0.00000455 0	--	--	0.000024 1	--	0.00000435 0	0.00014 1	0.0000021 1	--
	RIT-1-02-20141111	0.000036 1	0.000041 1	0.00019 1	--	--	--	--	0.0000165 0	--	--	0.00021 1	--	0.0000155 0	0.002 1	0.0000069 1	--
	RIT-1-03-20141112	0.00034 1	0.000095 0	0.00033 1	--	--	--	--	0.00008 0	--	--	0.00046 1	--	0.000075 0	0.003 1	0.000035 1	--
	RIT-1-04-20141112	0.00014 1	0.00007 0	0.00042 1	--	--	--	--	0.00006 0	--	--	0.0011 1	--	0.000055 0	0.0078 1	0.000018 1	--
	RIT-1-05-20141112	0.000063 1	0.000019 0	0.00012 1	--	--	--	--	0.0000165 0	--	--	0.00015 1	--	0.0000155 0	0.00073 1	0.0000032 1	--
	RIT-2-01-20141112	0.000029 1	0.0000065 0	0.000022 1	--	--	--	--	0.0000055 0	--	--	0.000029 1	--	0.000005 0	0.000096 1	0.0000032 1	--
	RIT-2-02-20141112	0.000067 1	0.000013 0	0.000042 1	--	--	--	--	0.000067 1	--	--	0.000066 1	--	0.0000105 0	0.00011 1	0.00001 1	--
	RIT-2-03-20141112	0.0002 1	0.0000365 0	0.00011 1	--	--	--	--	0.0000315 0	--	--	0.00016 1	--	0.00003 0	0.00035 1	0.000025 1	--
	RIT-2-03-20141112-FD	0.00027 1	0.0000495 0	0.00015 1	--	--	--	--	0.0000425 0	--	--	0.00021 1	--	0.0000405 0	0.00045 1	0.000031 1	--
	RIT-2-04-20141113	0.000054 1	0.00000405 0	0.0000033 1	--	--	--	--	0.0000035 0	--	--	0.000024 1	--	0.0000033 0	0.000072 1	0.00000066 1	--
	RIT-2-05-20141113	0.0000071 1	0.00000115 0	0.0000061 1	--	--	--	--	0.000001 0	--	--	0.000004 1	--	0.00000095 0	0.000017 1	0.00000027 1	--
	RIT-3-01-20141113	0.000000205 0	0.000000225 0	0.00000086 1	--	--	--	--	0.000000195 0	--	--	0.0000016 1	--	0.000000185 0	0.000015 1	0.000000065 0	--
	RIT-3-02-20141113	0.000018 1	0.0000051 1	0.00004 1	--	--	--	--	0.00000145 0	--	--	0.000022 1	--	0.00000135 0	0.00012 1	0.00000065 1	--
	RIT-3-03-20141113	0.0000075 1	0.000002 0	0.0000065 1	--	--	--	--	0.0000017 0	--	--	0.0000071 1	--	0.0000016 0	0.000033 1	0.00000027 0	--
	RIT-3-03-20141113-FD	0.0000089 1	0.00000375 0	0.000012 1	--	--	--	--	0.0000032 0	--	--	0.000019 1	--	0.00000305 0	0.000093 1	0.000000305 0	--
	RIT-3-04-20141113	0.00001 1	0.000005 0	0.000041 1	--	--	--	--	0.00000435 0	--	--	0.000036 1	--	0.00000415 0	0.00051 1	0.000001 1	--
	RIT-3-05-20141113	0.000024 1	0.0000055 0	0.00003 1	--	--	--	--	0.0000049 0	--	--	0.000036 1	--	0.00000465 0	0.00018 1	0.0000014 1	--
	RSAM8-0.5B	0.0000485 1	--	0.000186 1	--	--	--	--	0.00000425 1	--	--	0.000114 1	--	0.0000025 1	0.000494 1	0.0000028 1	--
	RSAO2-0.5B	0.0000159 1	--	0.0000292 1	--	--	--	--	0.000000835 0	--	--	0.0000313 1	--	0.000000815 0	0.000109 1	0.0000006 0	--
	SA166-0.5B	0.000029 1	--	0.0000968 1	--	--	--	--	0.00000304 1	--	--	0.000067 1	--	0.00000195 1	0.000266 1	0.00000164 1	--
	SA180-0.5B	0.000825 1	--	0.00228 1	--	--	--	--	0.0000581 1	--	--	0.00143 1	--	0.0000267 1	0.00702 1	0.0000447 1	--
DU-2	RSAU5-0.5B	0.00000468 1	--	0.0000175 1	--	--	--	--	0.00000292 1	--	--	0.0000153 1	--	0.00000138 1	0.0000763 1	0.000000952 1	--
DU-3	SA128-10B	0.0000066 1	0.0000105 0	0.0000098 1	0.0000055 1	0.0000092 1	0.0000092 1	0.0000105 0	0.000039 1	0.000039 1	0.0000052 1	0.0000061 1	0.000045 1	0.0000105 0	0.000045 1	0.0000105 0	0.0000092 1
Parcel E	RISB-EJ-01-1.0-20180926	0.000000325 0	0.000000315 0	0.000000275 0	--	--	--	--	0.00000026 0	--	--	0.000000255 0	--	0.00000025 0	0.000000235 0	0.00000009 0	--
	RISB-EJ-02-1.0-20180924	0.00000065 0	0.0000014 1	0.0000027 1	--	--	--	--	0.00000055 0	--	--	0.0000043 1	--	0.0000005 0	0.0000063 1	0.00000033 1	--
	RISB-EJ-03-1.0-20180925	0.0000011 1	0.000000345 0	0.000000305 0	--	--	--	--	0.000000285 0	--	--	0.00000093 1	--	0.000000275 0	0.0000027 1	0.000000065 0	--
	RISB-EJ-03-1.0-20180925-FD	0.0000071 1	0.0000037 1	0.000013 1	--	--	--	--	0.0000008 0	--	--	0.0000093 1	--	0.0000008 0	0.00004 1	0.00000042 1	--
	RISB-EJ-04-1.0-20180925	0.00001 1	0.0000037 1	0.00001 1	--	--	--	--	0.00000155 0	--	--	0.000013 1	--	0.00000145 0	0.000025 1	0.0000011 1	--
	RISB-ER-01-1.0-20180925	0.00000089 1	0.000000295 0	0.00000092 1	--	--	--	--	0.000000245 0	--	--	0.0000012 1	--	0.000000235 0	0.0000026 1	0.000000075 0	--
	RISB-ER-02-1.0-20180924	0.00000022 0	0.00000021 0	0.00000057 1	--	--	--	--	0.000000175 0	--	--	0.00000084 1	--	0.00000017 0	0.0000016 1	2.95E-08 0	--
	RISB-ER-03-1.0-20180925	0.00000013 0	0.000000125 0	0.00000045 1	--	--	--	--	0.000000105 0	--	--	0.00000073 1	--	0.0000001 0	0.0000013 1	0.00000011 1	--

Table D-4: Operations Area and Parcel E PCB Homolog Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

		Pentachlorobiphenyl															
Eco DU	Sample Name	PCB-098 (2,2',3,4',6'-PeCB)	PCB-099 (2,2',4,4',5-PeCB)	PCB-100 (2,2',4,4',6-PeCB)	PCB-101 (2,2',4,5,5'-PeCB)	PCB-102 (2,2',4,5,6'-PeCB)	PCB-103 (2,2',4,5',6-PeCB)	PCB-104 (2,2',4,6,6'-PeCB)	PCB-105 (2,3,3',4,4'-PeCB)	PCB-106 (2,3,3',4,5-PeCB)	PCB-107 (2,3,3',4',5-PeCB)	PCB-108 (2,3,3',4,5'-PeCB)	PCB-109 (2,3,3',4,6-PeCB)	PCB-110 (2,3,3',4',6-PeCB)	PCB-111 (2,3,3',5,5'-PeCB)	PCB-112 (2,3,3',5,6-PeCB)	PCB-113 (2,3,3',5',6-PeCB)
DU-1	M-161D-0.5-20141203	--	0.000043 1	--	--	--	0.000009 0	0.0000034 1	0.000097 1	0.00018 1	--	--	0.00008 1	--	0.000036 1	0.000016 1	--
	M-162D-0.5-20141209	--	0.00014 1	--	--	--	0.000024 0	0.0000041 1	0.00035 1	0.00043 1	--	--	0.00021 1	--	0.000095 1	0.000037 1	--
	RISB-09-0.5-20141211	--	0.000032 1	--	--	--	0.00000305 0	0.00000094 1	0.000046 1	0.000023 1	--	--	0.000017 1	--	0.000011 1	0.00000235 0	--
	RISB-10-0.5-20141215	--	0.000028 1	--	--	--	0.000005 0	0.00000046 0	0.000048 1	0.000051 1	--	--	0.000033 1	--	0.000019 1	0.00000385 0	--
	RISB-11-0.5-20141217	--	0.0000015 0	--	--	--	0.0000015 0	0.00000055 0	0.0000048 1	0.00000135 0	--	--	0.0000012 0	--	0.00000115 0	0.00000115 0	--
	RISB-12-0.5-20141215	--	0.00069 1	--	--	--	0.000125 0	0.0000049 1	0.00088 1	0.00011 0	--	--	0.00022 1	--	0.000095 0	0.0001 0	--
	RISB-13-0.5-20141217	--	0.00005 1	--	--	--	0.0000042 0	0.00000095 0	0.00008 1	0.000011 1	--	--	0.000011 1	--	0.0000031 0	0.0000032 0	--
	RISB-14-0.5-20141216	--	0.00049 1	--	--	--	0.000125 0	0.00005 1	0.00072 1	0.00054 1	--	--	0.00056 1	--	0.00055 1	0.000095 0	--
	RISB-39-0.5-20141121	--	0.000088 1	--	--	--	0.0000185 0	0.000011 1	0.00017 1	0.00029 1	--	--	0.00016 1	--	0.000078 1	0.000029 1	--
	RISB-40-0.5-20141121	--	0.00021 1	--	--	--	0.000035 0	0.000028 1	0.00038 1	0.00074 1	--	--	0.00036 1	--	0.00023 1	0.000094 1	--
	RISB-41-0.5-20141121	--	0.000011 1	--	--	--	0.0000016 0	0.0000011 1	0.000018 1	0.000027 1	--	--	0.000014 1	--	0.0000067 1	0.0000031 1	--
	RISB-41-0.5-20141121-FD	--	0.000009 1	--	--	--	0.00000135 0	0.00000088 1	0.000015 1	0.000021 1	--	--	0.00001 1	--	0.0000056 1	0.000001 0	--
	RISB-47-0.5-20141120	--	0.000042 1	--	--	--	0.0000065 0	0.0000031 1	0.000078 1	0.0001 1	--	--	0.000053 1	--	0.000029 1	0.000005 0	--
	RISB-48-0.5-20141120	--	0.00001 1	--	--	--	0.0000017 0	0.0000008 1	0.000019 1	0.000021 1	--	--	0.000012 1	--	0.000007 1	0.0000013 0	--
	RIT-1-01-20141111	--	0.000026 1	--	--	--	0.00000385 0	0.0000013 1	0.000031 1	0.000023 1	--	--	0.000015 1	--	0.0000064 1	0.00000295 0	--
	RIT-1-02-20141111	--	0.000078 1	--	--	--	0.000014 0	0.00000078 1	0.00014 1	0.000012 0	--	--	0.000028 1	--	0.0000105 0	0.0000105 0	--
	RIT-1-03-20141112	--	0.00034 1	--	--	--	0.00007 0	0.000032 1	0.00047 1	0.00081 1	--	--	0.00041 1	--	0.0002 1	0.00005 0	--
	RIT-1-04-20141112	--	0.0003 1	--	--	--	0.00005 0	0.0000042 1	0.0005 1	0.0000445 0	--	--	0.00017 1	--	0.0000375 0	0.000039 0	--
	RIT-1-05-20141112	--	0.00017 1	--	--	--	0.000014 0	0.00000057 1	0.00029 1	0.0000125 0	--	--	0.000069 1	--	0.0000105 0	0.0000105 0	--
	RIT-2-01-20141112	--	0.000046 1	--	--	--	0.0000095 1	0.0000037 1	0.000075 1	0.000045 1	--	--	0.000028 1	--	0.000011 1	0.0000035 0	--
	RIT-2-02-20141112	--	0.000061 1	--	--	--	0.000032 1	0.000011 1	0.000072 1	0.00015 1	--	--	0.000084 1	--	0.000079 1	0.000007 0	--
	RIT-2-03-20141112	--	0.00019 1	--	--	--	0.000071 1	0.000026 1	0.00026 1	0.00045 1	--	--	0.00023 1	--	0.00013 1	0.0000205 0	--
	RIT-2-03-20141112-FD	--	0.00026 1	--	--	--	0.000089 1	0.000032 1	0.00037 1	0.00059 1	--	--	0.00032 1	--	0.00016 1	0.0000275 0	--
	RIT-2-04-20141113	--	0.00014 1	--	--	--	0.00000295 0	0.00000033 1	0.00044 1	0.0000026 0	--	--	0.000039 1	--	0.0000022 0	0.00000225 0	--
	RIT-2-05-20141113	--	0.000021 1	--	--	--	0.00000085 0	0.000000085 0	0.000059 1	0.00000075 0	--	--	0.0000054 1	--	0.00000065 0	0.00000065 0	--
	RIT-3-01-20141113	--	0.0000012 1	--	--	--	0.000000165 0	0.000000055 0	0.0000012 1	0.000000145 0	--	--	0.00000013 0	--	0.00000012 0	0.000000125 0	--
	RIT-3-02-20141113	--	0.000045 1	--	--	--	0.0000012 0	0.000000043 0	0.000046 1	0.0000011 0	--	--	0.0000075 1	--	0.0000009 0	0.00000095 0	--
	RIT-3-03-20141113	--	0.000012 1	--	--	--	0.00000145 0	0.00000023 0	0.000028 1	0.00000125 0	--	--	0.0000047 1	--	0.00000105 0	0.0000011 0	--
	RIT-3-03-20141113-FD	--	0.000021 1	--	--	--	0.00000275 0	0.00000025 0	0.000045 1	0.0000024 0	--	--	0.0000085 1	--	0.000002 0	0.0000021 0	--
	RIT-3-04-20141113	--	0.000015 1	--	--	--	0.0000037 0	0.00000021 1	0.000018 1	0.00000325 0	--	--	0.0000068 1	--	0.00000275 0	0.00000285 0	--
	RIT-3-05-20141113	--	0.000053 1	--	--	--	0.00000415 0	0.000001 1	0.000081 1	0.000013 1	--	--	0.000021 1	--	0.000007 1	0.0000032 0	--
	RSAM8-0.5B	--	--	--	--	--	0.00000343 1	0.000000138 0	0.000327 1	0.000001005 0	--	--	0.0000428 1	--	0.000004715 0	0.000004675 0	--
	RSAO2-0.5B	--	--	--	--	--	0.00000075 0	0.000000755 0	0.0000762 1	0.000001345 0	--	--	0.0000136 1	--	2.925E-07 0	0.00000029 0	--
	SA166-0.5B	--	--	--	--	--	0.00000378 1	0.000000348 1	0.000115 1	2.635E-07 0	--	--	0.0000229 1	--	0.00000188 1	0.000117 1	--
	SA180-0.5B	--	--	--	--	--	0.0000364 1	0.000000505 0	0.00249 1	0.00000274 0	--	--	0.000366 1	--	0.0000114 1	0.000001515 0	--
DU-2	RSAU5-0.5B	--	--	--	--	--	0.00000293 1	0.00000109 1	0.0000146 1	0.00000285 1	0.00000516 1	--	--	--	0.0000069 1	0.000000569 1	--
DU-3	SA128-10B	0.0000105 0	0.000012 1	0.0000105 0	0.000039 1	0.0000105 0	0.0000105 0	0.0000105 0	0.0000094 1	0.000016 1	0.0000105 0	0.0000105 0	0.0000105 0	0.000039 1	0.0000092 1	0.0000105 0	0.0000105 0
Parcel E	RISB-EJ-01-1.0-20180926	--	0.000000215 0	--	--	--	0.00000021 0	0.00000008 0	0.000000225 0	0.0000002 0	--	--	0.00000019 0	--	0.000000185 0	0.00000019 0	--
	RISB-EJ-02-1.0-20180924	--	0.0000078 1	--	--	--	0.0000012 1	0.00000035 1	0.000012 1	0.0000084 1	--	--	0.0000061 1	--	0.0000032 1	0.0000013 1	--
	RISB-EJ-03-1.0-20180925	--	0.0000022 1	--	--	--	0.00000023 0	0.00000035 1	0.000005 1	0.0000016 1	--	--	0.0000013 1	--	0.00000086 1	0.00000021 0	--
	RISB-EJ-03-1.0-20180925-FD	--	0.000015 1	--	--	--	0.00000065 0	0.000000055 0	0.000019 1	0.0000031 1	--	--	0.0000055 1	--	0.0000006 0	0.0000006 0	--
	RISB-EJ-04-1.0-20180925	--	0.00002 1	--	--	--	0.0000031 1	0.0000011 1	0.000038 1	0.000022 1	--	--	0.000016 1	--	0.0000099 1	0.0000027 1	--
	RISB-ER-01-1.0-20180925	--	0.0000021 1	--	--	--	0.000000195 0	0.00000044 1	0.0000024 1	0.000000185 0	--	--	0.0000011 1	--	0.00000017 0	0.000000175 0	--
	RISB-ER-02-1.0-20180924	--	0.0000017 1	--	--	--	0.00000014 0	3.45E-08 0	0.000004 1	0.0000027 1	--	--	0.0000015 1	--	0.00000096 1	0.000000125 0	--
	RISB-ER-03-1.0-20180925	--	0.000001 1	--	--	--	0.0000003 1	0.00000018 1	0.0000015 1	0.0000011 1	--	--	0.00000076 1	--	0.00000071 1	0.00000018 1	--

Table D-4: Operations Area and Parcel E PCB Homolog Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

		Pentachlorobiphenyl															
Eco DU	Sample Name	PCB-114 (2,3,4,4',5-PeCB)	PCB-115 (2,3,4,4',6-PeCB)	PCB-116 (2,3,4,5,6-PeCB)	PCB-117 (2,3,4',5,6-PeCB)	PCB-118 (2,3',4,4',5-PeCB)	PCB-119 (2,3',4,4',6-PeCB)	PCB-120 (2,3',4,5,5'-PeCB)	PCB-121 (2,3',4,5',6-PeCB)	PCB-122 (2,3,3',4',5'-PeCB)	PCB-123 (2,3',4,4',5'-PeCB)	PCB-124 (2,3',4',5,5'-PeCB)	PCB-125 (2,3',4',5',6-PeCB)	PCB-126 (3,3',4,4',5-PeCB)	PCB-127 (3,3',4,5,5'-PeCB)	PCBs 107+124	PCBs 108+124
DU-1	M-161D-0.5-20141203	0.000065 1	--	--	--	0.00012 1	--	0.000046 1	0.000016 1	0.000016 1	0.000021 1	--	--	0.000049 1	0.00004 1	0.000054 1	--
	M-162D-0.5-20141209	0.00015 1	--	--	--	0.00059 1	--	0.00012 1	0.000018 0	0.0000215 0	0.000022 0	--	--	0.00016 1	0.00012 1	0.00018 1	--
	RISB-09-0.5-20141211	0.000013 1	--	--	--	0.000094 1	--	0.000009 1	0.0000023 0	0.00000275 0	0.0000027 0	--	--	0.000014 1	0.00001 1	0.000012 1	--
	RISB-10-0.5-20141215	0.000022 1	--	--	--	0.000083 1	--	0.000022 1	0.0000038 0	0.00000455 0	0.000017 1	--	--	0.000006 0	0.000028 1	0.000031 1	--
	RISB-11-0.5-20141217	0.0000014 0	--	--	--	0.0000061 1	--	0.0000012 0	0.00000115 0	0.0000014 0	0.00000135 0	--	--	0.00000185 0	0.0000013 0	0.00000125 0	--
	RISB-12-0.5-20141215	0.00012 0	--	--	--	0.0054 1	--	0.0001 0	0.000095 0	0.000115 0	0.000115 0	--	--	0.00044 1	0.00011 0	0.000105 0	--
	RISB-13-0.5-20141217	0.0000038 0	--	--	--	0.00015 1	--	0.00000325 0	0.00000315 0	0.0000038 0	0.0000037 0	--	--	0.00000485 0	0.0000036 0	0.0000035 0	--
	RISB-14-0.5-20141216	0.00046 1	--	--	--	0.0016 1	--	0.00043 1	0.000095 0	0.000115 0	0.00029 1	--	--	0.00056 1	0.00011 0	0.00044 1	--
	RISB-39-0.5-20141121	0.00012 1	--	--	--	0.00026 1	--	0.0001 1	0.000014 0	0.0000165 0	0.000056 1	--	--	0.000097 1	0.000077 1	0.00012 1	--
	RISB-40-0.5-20141121	0.00027 1	--	--	--	0.00053 1	--	0.00024 1	0.000094 1	0.000078 1	0.00013 1	--	--	0.00019 1	0.00016 1	0.00027 1	--
	RISB-41-0.5-20141121	0.000011 1	--	--	--	0.000031 1	--	0.000008 1	0.0000034 1	0.0000031 1	0.0000043 1	--	--	0.0000076 1	0.0000072 1	0.00001 1	--
	RISB-41-0.5-20141121-FD	0.0000094 1	--	--	--	0.000027 1	--	0.0000066 1	0.0000024 1	0.0000012 0	0.0000038 1	--	--	0.0000078 1	0.000006 1	0.0000082 1	--
	RISB-47-0.5-20141120	0.000038 1	--	--	--	0.000099 1	--	0.000035 1	0.000013 1	0.000015 1	0.000019 1	--	--	0.000037 1	0.000025 1	0.00004 1	--
	RISB-48-0.5-20141120	0.0000084 1	--	--	--	0.000025 1	--	0.0000095 1	0.0000033 1	0.0000032 1	0.0000044 1	--	--	0.0000092 1	0.000008 1	0.000012 1	--
	RIT-1-01-20141111	0.0000078 1	--	--	--	0.000063 1	--	0.0000065 1	0.0000029 0	0.0000035 0	0.00000335 0	--	--	0.0000091 1	0.00000335 0	0.0000085 1	--
	RIT-1-02-20141111	0.000012 0	--	--	--	0.00053 1	--	0.000011 0	0.0000105 0	0.0000125 0	0.0000115 0	--	--	0.000097 1	0.000012 0	0.0000115 0	--
	RIT-1-03-20141112	0.00023 1	--	--	--	0.0012 1	--	0.00021 1	0.00005 0	0.00006 0	0.000055 0	--	--	0.00029 1	0.00015 1	0.0002 1	--
	RIT-1-04-20141112	0.0000445 0	--	--	--	0.0026 1	--	0.0000395 0	0.000038 0	0.000046 0	0.0000425 0	--	--	0.00041 1	0.000044 0	0.00011 1	--
	RIT-1-05-20141112	0.000026 1	--	--	--	0.0012 1	--	0.000011 0	0.0000105 0	0.0000125 0	0.000012 0	--	--	0.000089 1	0.000012 0	0.000033 1	--
	RIT-2-01-20141112	0.000013 1	--	--	--	0.00013 1	--	0.000016 1	0.0000096 1	0.00000415 0	0.0000038 0	--	--	0.000014 1	0.000004 0	0.000016 1	--
	RIT-2-02-20141112	0.000047 1	--	--	--	0.000088 1	--	0.00008 1	0.000041 1	0.000019 1	0.000025 1	--	--	0.00004 1	0.000056 1	0.000065 1	--
	RIT-2-03-20141112	0.00015 1	--	--	--	0.00033 1	--	0.00018 1	0.000081 1	0.000024 0	0.000071 1	--	--	0.00011 1	0.00012 1	0.00017 1	--
	RIT-2-03-20141112-FD	0.00019 1	--	--	--	0.00048 1	--	0.0002 1	0.0001 1	0.0000325 0	0.000093 1	--	--	0.00015 1	0.00016 1	0.00021 1	--
	RIT-2-04-20141113	0.000019 1	--	--	--	0.00051 1	--	0.0000023 0	0.0000022 0	0.000015 1	0.000018 1	--	--	0.000012 1	0.00000255 0	0.000021 1	--
	RIT-2-05-20141113	0.0000031 1	--	--	--	0.000079 1	--	0.00000065 0	0.00000065 0	0.0000017 1	0.0000021 1	--	--	0.000003 1	0.00000075 0	0.0000026 1	--
	RIT-3-01-20141113	0.00000015 0	--	--	--	0.0000035 1	--	0.00000013 0	0.000000125 0	0.00000015 0	0.000000145 0	--	--	0.000000175 0	0.00000014 0	0.000000135 0	--
	RIT-3-02-20141113	0.000003 1	--	--	--	0.000092 1	--	0.00000095 0	0.0000009 0	0.0000011 0	0.00000105 0	--	--	0.000003 1	0.00000105 0	0.0000035 1	--
	RIT-3-03-20141113	0.0000028 1	--	--	--	0.000055 1	--	0.0000011 0	0.0000011 0	0.0000013 0	0.00000125 0	--	--	0.0000066 1	0.00000125 0	0.0000032 1	--
	RIT-3-03-20141113-FD	0.0000056 1	--	--	--	0.00013 1	--	0.0000021 0	0.00000205 0	0.00000245 0	0.0000023 0	--	--	0.000014 1	0.00000235 0	0.0000059 1	--
	RIT-3-04-20141113	0.00000335 0	--	--	--	0.00011 1	--	0.00000285 0	0.0000028 0	0.00000335 0	0.0000032 0	--	--	0.0000095 1	0.0000032 0	0.0000031 0	--
	RIT-3-05-20141113	0.00001 1	--	--	--	0.00019 1	--	0.000008 1	0.00000315 0	0.00000375 0	0.00000355 0	--	--	0.000016 1	0.0000072 1	0.000013 1	--
	RSAM8-0.5B	0.0000183 1	--	--	0.0000157 1	0.000721 1	--	0.00000468 0	0.00000458 0	0.00000609 1	0.00000975 1	--	--	0.000016 1	0.00000098 0	0.0000314 1	--
	RSAO2-0.5B	0.000001165 0	--	--	3.045E-07 0	0.000122 1	--	0.00000029 0	0.000000284 0	0.000001375 0	0.000001195 0	--	--	0.00000116 0	0.000001315 0	0.0000094 1	--
	SA166-0.5B	0.00000977 1	--	--	0.0000125 1	0.00026 1	--	0.00000457 1	0.000000955 1	0.0000022 1	0.00000578 1	--	--	0.00000466 1	0.00000126 1	0.0000111 1	--
	SA180-0.5B	0.000294 1	--	--	0.00018 1	0.00525 1	--	0.0000153 1	0.000001485 0	0.000069 1	0.000257 1	--	--	0.000167 1	0.0000208 1	0.000262 1	--
DU-2	RSAU5-0.5B	0.00000211 1	--	--	0.00000162 1	0.0000426 1	--	0.00000456 1	0.00000483 1	0.00000056 0	0.0000019 1	--	--	0.0000026 1	0.00000462 1	--	0.00054 0
DU-3	SA128-10B	0.00000105 0	0.000011 1	0.000011 1	0.0000092 1	0.000016 1	0.0000105 0	0.0000055 1	0.0000105 0	0.0000105 0	0.00000105 0	0.0000105 0	0.0000092 1	0.00000105 0	0.0000094 1	--	--
Parcel E	RISB-EJ-01-1.0-20180926	0.000000235 0	--	--	--	0.00000022 0	--	0.000000185 0	0.00000017 0	0.000000215 0	0.00000023 0	--	--	0.00000023 0	0.000000205 0	0.000000195 0	--
	RISB-EJ-02-1.0-20180924	0.0000054 1	--	--	--	0.000021 1	--	0.0000037 1	0.0000014 1	0.000000445 0	0.0000021 1	--	--	0.000004 1	0.0000037 1	0.000004 1	--
	RISB-EJ-03-1.0-20180925	0.0000011 1	--	--	--	0.00001 1	--	0.00000067 1	0.00000019 0	0.000000235 0	0.00000058 1	--	--	0.0000012 1	0.000000225 0	0.0000011 1	--
	RISB-EJ-03-1.0-20180925-FD	0.0000033 1	--	--	--	0.000049 1	--	0.0000024 1	0.00000055 0	0.00000065 0	0.00000075 0	--	--	0.00000075 0	0.00000065 0	0.0000029 1	--
	RISB-EJ-04-1.0-20180925	0.000012 1	--	--	--	0.000072 1	--	0.0000092 1	0.0000037 1	0.00000125 0	0.0000058 1	--	--	0.000012 1	0.000009 1	0.000012 1	--
	RISB-ER-01-1.0-20180925	0.00000083 1	--	--	--	0.0000053 1	--	0.000000175 0	0.00000016 0	0.0000002 0	0.000000215 0	--	--	0.00000022 0	0.00000019 0	0.000000185 0	--
	RISB-ER-02-1.0-20180924	0.0000016 1	--	--	--	0.0000087 1	--	0.00000078 1	0.000000115 0	0.000000145 0	0.00000082 1	--	--	0.0000019 1	0.0000011 1	0.0000011 1	--
	RISB-ER-03-1.0-20180925	0.00000071 1	--	--	--	0.0000025 1	--	0.00000062 1	0.00000033 1	0.000000085 0	0.0000004 1	--	--	0.00000052 1	0.00000043 1	0.00000062 1	--

Table D-4: Operations Area and Parcel E PCB Homolog Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

		Pentachlorobiphenyl									Hexachlorobiphenyl							
Eco DU	Sample Name	PCBs 110+115	PCBs 83+99	PCBs 85+116	PCBs 85+116+117	PCBs 86+87+97+108+119+125	PCBs 88+91	PCBs 90+101+113	PCBs 93+100	PCBs 98+102	PCB-128 (2,2',3,3',4,4'-HxCB)	PCB-129 (2,2',3,3',4,5-HxCB)	PCB-130 (2,2',3,3',4,5'-HxCB)	PCB-131 (2,2',3,3',4,6-HxCB)	PCB-132 (2,2',3,3',4,6'-HxCB)	PCB-133 (2,2',3,3',5,5'-HxCB)	PCB-134 (2,2',3,3',5,6-HxCB)	PCB-135 (2,2',3,3',5,6'-HxCB)
DU-1	M-161D-0.5-20141203	0.00021 1	--	--	0.00014 1	0.00018 1	0.000034 1	0.00011 1	0.000021 1	0.000009 0	--	--	0.000065 1	0.000028 1	0.000048 1	0.000071 1	--	--
	M-162D-0.5-20141209	0.00064 1	--	--	0.00028 1	0.00051 1	0.000063 1	0.00036 1	0.0000255 0	0.000023 0	--	--	0.00019 1	0.000056 1	0.00015 1	0.00015 1	--	--
	RISB-09-0.5-20141211	0.00013 1	--	--	0.000033 1	0.000089 1	0.000011 1	0.00011 1	0.00000325 0	0.00000295 0	--	--	0.000036 1	0.000003 0	0.000068 1	0.00001 1	--	--
	RISB-10-0.5-20141215	0.00011 1	--	--	0.000051 1	0.000094 1	0.0000055 0	0.000081 1	0.0000055 0	0.00000485 0	--	--	0.000064 1	0.000012 1	0.00003 1	0.000031 1	--	--
	RISB-11-0.5-20141217	0.000016 1	--	--	0.0000055 1	0.000013 1	0.0000016 0	0.000013 1	0.0000016 0	0.00000145 0	--	--	0.0000085 1	0.0000018 0	0.0000046 1	0.00000165 0	--	--
	RISB-12-0.5-20141215	0.013 1	--	--	0.000115 0	0.0035 1	0.000135 0	0.02 1	0.000135 0	0.000125 0	--	--	0.0025 1	0.00013 0	0.019 1	0.00062 1	--	--
	RISB-13-0.5-20141217	0.00018 1	--	--	0.000037 1	0.000097 1	0.0000044 0	0.00013 1	0.00000445 0	0.00000405 0	--	--	0.000023 1	0.00000325 0	0.00007 1	0.000003 0	--	--
	RISB-14-0.5-20141216	0.0032 1	--	--	0.0011 1	0.0022 1	0.00013 0	0.0032 1	0.00013 0	0.00012 0	--	--	0.0017 1	0.000205 0	0.0027 1	0.0006 1	--	--
	RISB-39-0.5-20141121	0.00044 1	--	--	0.00028 1	0.00037 1	0.0000195 0	0.00027 1	0.0000195 0	0.0000175 0	--	--	0.00037 1	0.000052 1	0.00012 1	0.00016 1	--	--
	RISB-40-0.5-20141121	0.00098 1	--	--	0.00068 1	0.00093 1	0.00017 1	0.00055 1	0.00015 1	0.00012 1	--	--	0.00062 1	0.00012 1	0.00022 1	0.00034 1	--	--
	RISB-41-0.5-20141121	0.000045 1	--	--	0.000025 1	0.000039 1	0.0000071 1	0.000027 1	0.0000054 1	0.0000035 1	--	--	0.000025 1	0.0000048 1	0.000014 1	0.000013 1	--	--
	RISB-41-0.5-20141121-FD	0.000039 1	--	--	0.00002 1	0.000032 1	0.0000014 0	0.000025 1	0.0000014 0	0.0000013 0	--	--	0.000019 1	0.0000038 1	0.000012 1	0.000011 1	--	--
	RISB-47-0.5-20141120	0.00019 1	--	--	0.000085 1	0.00015 1	0.000026 1	0.00011 1	0.000007 0	0.0000065 0	--	--	0.000062 1	0.00002 1	0.000048 1	0.000055 1	--	--
	RISB-48-0.5-20141120	0.000046 1	--	--	0.000019 1	0.000036 1	0.0000059 1	0.000026 1	0.0000018 0	0.00000165 0	--	--	0.000015 1	0.0000049 1	0.000013 1	0.000013 1	--	--
	RIT-1-01-20141111	0.00019 1	--	--	0.000034 1	0.000084 1	0.000015 1	0.00013 1	0.0000041 0	0.00000375 0	--	--	0.000039 1	0.00000435 0	0.00016 1	0.00000405 0	--	--
	RIT-1-02-20141111	0.0022 1	--	--	0.000037 1	0.00034 1	0.000087 1	0.0014 1	0.0000145 0	0.0000135 0	--	--	0.00063 1	0.00007 1	0.0044 1	0.00014 1	--	--
	RIT-1-03-20141112	0.0039 1	--	--	0.00071 1	0.0014 1	0.00026 1	0.0025 1	0.00007 0	0.000065 0	--	--	0.0014 1	0.0001 0	0.0054 1	0.00029 1	--	--
	RIT-1-04-20141112	0.0076 1	--	--	0.00015 1	0.0016 1	0.00013 1	0.0083 1	0.000055 0	0.000049 0	--	--	0.0023 1	0.00026 1	0.016 1	0.00049 1	--	--
	RIT-1-05-20141112	0.0017 1	--	--	0.000091 1	0.00051 1	0.000039 1	0.0018 1	0.000015 0	0.0000135 0	--	--	0.00025 1	0.0000175 0	0.0019 1	0.000047 1	--	--
	RIT-2-01-20141112	0.00024 1	--	--	0.000074 1	0.00013 1	0.000023 1	0.00018 1	0.000019 1	0.000012 1	--	--	0.000076 1	0.0000085 0	0.00021 1	0.000023 1	--	--
	RIT-2-02-20141112	0.00031 1	--	--	0.00012 1	0.00022 1	0.000078 1	0.00019 1	0.000062 1	0.000046 1	--	--	0.00029 1	0.00005 1	0.00013 1	0.00012 1	--	--
	RIT-2-03-20141112	0.00098 1	--	--	0.00036 1	0.0007 1	0.00018 1	0.00055 1	0.00014 1	0.000097 1	--	--	0.00046 1	0.000088 1	0.00041 1	0.00023 1	--	--
	RIT-2-03-20141112-FD	0.0012 1	--	--	0.00047 1	0.00089 1	0.00022 1	0.0007 1	0.00017 1	0.00014 1	--	--	0.0006 1	0.00011 1	0.00047 1	0.0003 1	--	--
	RIT-2-04-20141113	0.00039 1	--	--	0.000089 1	0.0002 1	0.000015 1	0.0002 1	0.00000315 0	0.00000285 0	--	--	0.000037 1	0.0000039 1	0.00013 1	0.0000048 1	--	--
	RIT-2-05-20141113	0.000063 1	--	--	0.000014 1	0.000047 1	0.0000029 1	0.000035 1	0.0000009 0	0.00000085 0	--	--	0.0000057 1	0.0000007 0	0.000024 1	0.00000065 0	--	--
	RIT-3-01-20141113	0.0000085 1	--	--	0.000000145 0	0.0000035 1	0.000000175 0	0.000015 1	0.000000175 0	0.00000016 0	--	--	0.00000017 0	0.000000165 0	0.0000087 1	0.000000155 0	--	--
	RIT-3-02-20141113	0.00019 1	--	--	0.00002 1	0.000082 1	0.000017 1	0.00011 1	0.0000013 0	0.0000012 0	--	--	0.000017 1	0.0000033 1	0.000076 1	0.0000028 1	--	--
	RIT-3-03-20141113	0.000069 1	--	--	0.0000094 1	0.000031 1	0.0000015 0	0.000057 1	0.0000015 0	0.0000014 0	--	--	0.000018 1	0.00000195 0	0.000081 1	0.0000018 0	--	--
	RIT-3-03-20141113-FD	0.00016 1	--	--	0.00001 1	0.000057 1	0.0000029 0	0.00016 1	0.0000029 0	0.00000265 0	--	--	0.000031 1	0.0000047 0	0.00022 1	0.0000097 1	--	--
	RIT-3-04-20141113	0.00042 1	--	--	0.0000079 1	0.00006 1	0.000014 1	0.00025 1	0.0000039 0	0.00000355 0	--	--	0.000069 1	0.000011 1	0.00058 1	0.000017 1	--	--
	RIT-3-05-20141113	0.00028 1	--	--	0.000041 1	0.00015 1	0.000013 1	0.00027 1	0.0000044 0	0.000004 0	--	--	0.000052 1	0.0000055 0	0.00025 1	0.000014 1	--	--
	RSAM8-0.5B	0.000966 1	0.000278 1	0.0000975 1	--	0.000527 1	0.0000756 1	0.00063 1	0.00000329 1	0.0000145 1	--	--	0.0000939 1	0.0000188 1	0.000418 1	0.0000131 1	0.0000676 1	--
	RSAO2-0.5B	0.000199 1	0.0000661 1	0.0000501 1	--	0.000119 1	0.0000159 1	0.000178 1	0.00000073 0	0.00000081 0	--	--	0.0000186 1	0.000002535 0	0.0000799 1	0.0000024 0	0.00000898 1	--
	SA166-0.5B	0.000505 1	0.000021 1	0.0000774 1	--	0.000261 1	0.0000472 1	0.000433 1	0.00000365 1	0.000012 1	--	--	0.0000533 1	0.0000102 1	0.000276 1	0.0000131 1	0.0000488 1	--
	SA180-0.5B	0.00867 1	0.00304 1	0.00107 1	--	0.00524 1	0.000979 1	0.00752 1	0.0000365 1	0.000187 1	--	--	0.000653 1	0.000166 1	0.00318 1	0.000112 1	0.000503 1	--
DU-2	RSAU5-0.5B	0.0000917 1	0.0000241 1	0.0000105 1	--	0.000291 0	0.0000111 1	0.000105 1	0.00000401 1	0.00000353 1	--	--	0.0000126 1	0.00000513 1	0.0000512 1	0.00000854 1	0.00000907 1	--
DU-3	SA128-10B	--	--	--	--	--	--	--	--	--	0.0000053 1	0.0000105 0	0.0000026 1	0.0000105 0	0.000021 1	0.0000105 0	0.0000105 0	0.000014 1
Parcel E	RISB-EJ-01-1.0-20180926	0.000000195 0	--	--	0.00000021 0	0.00000021 0	0.00000023 0	0.00000021 0	0.00000023 0	0.00000022 0	--	--	0.00000012 0	0.000000115 0	0.000000115 0	0.00000011 0	--	--
	RISB-EJ-02-1.0-20180924	0.000022 1	--	--	0.000012 1	0.000019 1	0.000000475 0	0.000017 1	0.0000012 1	0.00000045 0	--	--	0.00001 1	0.000002 1	0.0000077 1	0.0000046 1	--	--
	RISB-EJ-03-1.0-20180925	0.0000081 1	--	--	0.000003 1	0.0000058 1	0.000000255 0	0.0000057 1	0.00000025 0	0.00000024 0	--	--	0.0000023 1	0.00000023 0	0.0000028 1	0.0000011 1	--	--
	RISB-EJ-03-1.0-20180925-FD	0.00006 1	--	--	0.000011 1	0.000037 1	0.0000051 1	0.000048 1	0.0000007 0	0.0000007 0	--	--	0.0000055 1	0.0000008 0	0.000018 1	0.0000019 1	--	--
	RISB-EJ-04-1.0-20180925	0.000072 1	--	--	0.000031 1	0.000055 1	0.0000082 1	0.000055 1	0.0000034 1	0.0000028 1	--	--	0.000021 1	0.0000053 1	0.000028 1	0.0000013 1	--	--
	RISB-ER-01-1.0-20180925	0.000006 1	--	--	0.0000027 1	0.0000051 1	0.000000215 0	0.0000053 1	0.00000021 0	0.000000205 0	--	--	0.0000014 1	0.0000003 1	0.0000014 1	0.0000007 1	--	--
	RISB-ER-02-1.0-20180924	0.0000072 1	--	--	0.0000028 1	0.0000054 1	0.000000155 0	0.0000042 1	0.000000155 0	0.000000145 0	--	--	0.0000025 1	0.00000056 1	0.0000021 1	0.0000011 1	--	--
	RISB-ER-03-1.0-20180925	0.0000027 1	--	--	0.0000017 1	0.0000029 1	0.00000069 1	0.0000025 1	0.00000046 1	0.000000085 0	--	--	0.0000013 1	0.00000037 1	0.00000094 1	0.00000091 1	--	--

Table D-4: Operations Area and Parcel E PCB Homolog Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

		Hexachlorobiphenyl																
Eco DU	Sample Name	PCB-136 (2,2',3,3',6,6'-HxCB)	PCB-137 (2,2',3,4,4',5-HxCB)	PCB-138 (2,2',3,4,4',5'-HxCB)	PCB-139 (2,2',3,4,4',6-HxCB)	PCB-140 (2,2',3,4,4',6'-HxCB)	PCB-141 (2,2',3,4,5,5'-HxCB)	PCB-142 (2,2',3,4,5,6-HxCB)	PCB-143 (2,2',3,4,5,6'-HxCB)	PCB-144 (2,2',3,4,5',6-HxCB)	PCB-145 (2,2',3,4,6,6'-HxCB)	PCB-146 (2,2',3,4',5,5'-HxCB)	PCB-147 (2,2',3,4',5,6-HxCB)	PCB-148 (2,2',3,4',5,6'-HxCB)	PCB-149 (2,2',3,4',5',6-HxCB)	PCB-150 (2,2',3,4',6,6'-HxCB)	PCB-151 (2,2',3,5,5',6-HxCB)	PCB-152 (2,2',3,5,6,6'-HxCB)
DU-1	M-161D-0.5-20141203	0.00002 1	0.000061 1	--	--	--	0.000069 1	0.000067 1	--	0.000057 1	0.000015 1	0.0002 1	--	0.000062 1	--	0.000028 1	--	0.000011 1
	M-162D-0.5-20141209	0.000044 1	0.00022 1	--	--	--	0.00026 1	0.00012 1	--	0.00011 1	0.000021 1	0.00045 1	--	0.0001 1	--	0.000039 1	--	0.000016 1
	RISB-09-0.5-20141211	0.000021 1	0.000017 1	--	--	--	0.000083 1	0.000008 1	--	0.000018 1	0.00000185 0	0.000059 1	--	0.000011 1	--	0.0000042 1	--	0.0000018 0
	RISB-10-0.5-20141215	0.000013 1	0.000037 1	--	--	--	0.000054 1	0.000024 1	--	0.000028 1	0.0000066 1	0.000096 1	--	0.00003 1	--	0.000015 1	--	0.00000215 0
	RISB-11-0.5-20141217	0.00000115 0	0.0000046 1	--	--	--	0.00000165 0	0.00000165 0	--	0.00000155 0	0.0000011 0	0.000011 1	--	0.0000015 0	--	0.00000105 0	--	0.0000011 0
	RISB-12-0.5-20141215	0.0076 1	0.0066 1	--	--	--	0.019 1	0.00012 0	--	0.0037 1	0.00008 0	0.0084 1	--	0.00011 0	--	0.000075 0	--	0.00008 0
	RISB-13-0.5-20141217	0.000023 1	0.000012 1	--	--	--	0.000079 1	0.00000295 0	--	0.000016 1	0.00000205 0	0.000046 1	--	0.0000027 0	--	0.00000185 0	--	0.000002 0
	RISB-14-0.5-20141216	0.0011 1	0.00066 1	--	--	--	0.0046 1	0.00045 1	--	0.001 1	0.000125 0	0.0028 1	--	0.00049 1	--	0.000115 0	--	0.000125 0
	RISB-39-0.5-20141121	0.000052 1	0.00015 1	--	--	--	0.00019 1	0.00014 1	--	0.00013 1	0.000036 1	0.00042 1	--	0.00013 1	--	0.000065 1	--	0.000027 1
	RISB-40-0.5-20141121	0.00011 1	0.00033 1	--	--	--	0.00039 1	0.00033 1	--	0.00031 1	0.000083 1	0.00099 1	--	0.0003 1	--	0.00016 1	--	0.000064 1
	RISB-41-0.5-20141121	0.0000049 1	0.000014 1	--	--	--	0.000019 1	0.000011 1	--	0.000011 1	0.0000026 1	0.000038 1	--	0.00001 1	--	0.000005 1	--	0.0000019 1
	RISB-41-0.5-20141121-FD	0.0000047 1	0.0000089 1	--	--	--	0.000018 1	0.000009 1	--	0.0000095 1	0.0000023 1	0.000032 1	--	0.0000093 1	--	0.0000047 1	--	0.0000016 1
	RISB-47-0.5-20141120	0.000019 1	0.000058 1	--	--	--	0.000076 1	0.00005 1	--	0.000047 1	0.000012 1	0.00016 1	--	0.000046 1	--	0.000021 1	--	0.0000081 1
	RISB-48-0.5-20141120	0.0000046 1	0.000014 1	--	--	--	0.000022 1	0.000012 1	--	0.000011 1	0.0000025 1	0.000038 1	--	0.00001 1	--	0.0000046 1	--	0.0000017 1
	RIT-1-01-20141111	0.000063 1	0.000015 1	--	--	--	0.00014 1	0.00000395 0	--	0.000035 1	0.00000275 0	0.000096 1	--	0.00000365 0	--	0.0000025 0	--	0.00000265 0
	RIT-1-02-20141111	0.0015 1	0.000081 1	--	--	--	0.0032 1	0.000023 0	--	0.00084 1	0.0000155 0	0.0021 1	--	0.000021 0	--	0.0000145 0	--	0.0000155 0
	RIT-1-03-20141112	0.0019 1	0.00028 1	--	--	--	0.005 1	0.00009 0	--	0.0012 1	0.0000065 0	0.0032 1	--	0.00022 1	--	0.00012 1	--	0.00006 0
	RIT-1-04-20141112	0.0058 1	0.00019 1	--	--	--	0.016 1	0.00008 0	--	0.0031 1	0.000055 0	0.0079 1	--	0.000075 0	--	0.00005 0	--	0.000055 0
	RIT-1-05-20141112	0.00044 1	0.000045 1	--	--	--	0.0017 1	0.000016 0	--	0.00033 1	0.000011 0	0.00096 1	--	0.000015 0	--	0.00001 0	--	0.000011 0
	RIT-2-01-20141112	0.000061 1	0.000023 1	--	--	--	0.00026 1	0.000016 1	--	0.000055 1	0.000005 0	0.00015 1	--	0.000021 1	--	0.000012 1	--	0.000005 0
	RIT-2-02-20141112	0.000061 1	0.00012 1	--	--	--	0.00019 1	0.00011 1	--	0.00012 1	0.000029 1	0.00036 1	--	0.00011 1	--	0.000055 1	--	0.000021 1
	RIT-2-03-20141112	0.00017 1	0.00026 1	--	--	--	0.001 1	0.0002 1	--	0.00025 1	0.000058 1	0.00083 1	--	0.0002 1	--	0.0001 1	--	0.000042 1
	RIT-2-03-20141112-FD	0.0002 1	0.00035 1	--	--	--	0.00064 1	0.00024 1	--	0.0003 1	0.000069 1	0.001 1	--	0.00026 1	--	0.00013 1	--	0.000054 1
	RIT-2-04-20141113	0.000025 1	0.00003 1	--	--	--	0.00011 1	0.0000013 0	--	0.000017 1	0.0000009 0	0.000058 1	--	0.0000012 0	--	0.00000085 0	--	0.0000009 0
	RIT-2-05-20141113	0.0000062 1	0.0000031 1	--	--	--	0.00002 1	0.0000006 0	--	0.0000036 1	0.00000043 0	0.000011 1	--	0.0000006 0	--	0.000000395 0	--	0.00000042 0
	RIT-3-01-20141113	0.0000072 1	0.00000014 0	--	--	--	0.0000057 1	0.00000015 0	--	0.0000022 1	0.000000105 0	0.0000026 1	--	0.00000014 0	--	0.000000095 0	--	0.0000001 0
	RIT-3-02-20141113	0.000022 1	0.000011 1	--	--	--	0.000043 1	0.00000055 0	--	0.0000089 1	0.00000039 0	0.000031 1	--	0.0000005 0	--	0.00000036 0	--	0.00000038 0
	RIT-3-03-20141113	0.000021 1	0.0000033 1	--	--	--	0.000091 1	0.0000018 0	--	0.000014 1	0.00000125 0	0.000044 1	--	0.00000165 0	--	0.00000115 0	--	0.0000012 0
	RIT-3-03-20141113-FD	0.000065 1	0.0000039 0	--	--	--	0.00028 1	0.00000425 0	--	0.000038 1	0.00000295 0	0.00013 1	--	0.00000395 0	--	0.0000027 0	--	0.00000285 0
	RIT-3-04-20141113	0.00027 1	0.0000081 1	--	--	--	0.00046 1	0.0000031 0	--	0.00011 1	0.00000215 0	0.00025 1	--	0.00000285 0	--	0.00000195 0	--	0.0000021 0
	RIT-3-05-20141113	0.00008 1	0.000019 1	--	--	--	0.00026 1	0.000005 0	--	0.000048 1	0.0000035 0	0.00014 1	--	0.00000465 0	--	0.0000032 0	--	0.0000034 0
	RSAM8-0.5B	0.000104 1	0.0000847 1	--	--	--	0.000183 1	0.000001395 0	0.00000139 0	0.000048 1	0.0000013 1	0.000114 1	--	0.00000063 0	--	0.00000351 1	--	0.00000142 1
	RSAO2-0.5B	0.0000264 1	0.0000145 1	--	--	--	0.0000641 1	0.000002545 0	0.00000254 0	0.0000127 1	0.000000174 0	0.000037 1	--	2.505E-07 0	--	0.000000169 0	--	0.00000018 0
	SA166-0.5B	0.0000848 1	0.0000241 1	--	--	--	0.000214 1	0.000001045 0	0.000001045 0	0.0000649 1	0.000000841 1	0.000134 1	--	0.00000321 1	--	0.0000048 1	--	0.0000013 1
	SA180-0.5B	0.00107 1	0.00053 1	--	--	--	0.00155 1	0.0000142 0	0.00001415 0	0.000429 1	0.00000719 1	0.000944 1	--	0.0000182 1	--	0.0000162 1	--	0.000013 1
DU-2	RSAU5-0.5B	0.0000191 1	0.0000019 0	--	--	--	0.0000339 1	0.0000049 1	0.000001865 0	0.0000133 1	0.00000206 1	0.0000332 1	--	0.00000694 1	--	0.00000564 1	--	0.0000016 1
DU-3	SA128-10B	0.000012 1	0.0000105 0	0.000088 1	0.000079 1	0.0000105 0	0.000021 1	0.0000105 0	0.0000027 1	0.000014 1	0.0000105 0	0.0000095 1	0.0000105 0	0.0000105 0	0.000079 1	0.0000105 0	0.000021 1	0.0000105 0
Parcel E	RISB-EJ-01-1.0-20180926	0.000000075 0	0.00000009 0	--	--	--	0.000000105 0	0.00000012 0	--	0.0000001 0	0.000000075 0	0.000000095 0	--	0.000000105 0	--	0.00000007 0	--	0.00000007 0
	RISB-EJ-02-1.0-20180924	0.000003 1	0.000007 1	--	--	--	0.000016 1	0.0000043 1	--	0.0000045 1	0.0000011 1	0.000015 1	--	0.0000052 1	--	0.0000023 1	--	0.00000071 1
	RISB-EJ-03-1.0-20180925	0.0000008 1	0.00000069 1	--	--	--	0.0000044 1	0.00000024 0	--	0.0000012 1	0.00000015 0	0.0000041 1	--	0.0000008 1	--	0.0000004 1	--	0.000000145 0
	RISB-EJ-03-1.0-20180925-FD	0.0000056 1	0.0000054 1	--	--	--	0.000012 1	0.0000008 0	--	0.0000033 1	0.0000005 0	0.000011 1	--	0.0000007 0	--	0.00000048 0	--	0.00000049 0
	RISB-EJ-04-1.0-20180925	0.00001 1	0.000016 1	--	--	--	0.000039 1	0.0000099 1	--	0.000013 1	0.0000029 1	0.000046 1	--	0.000014 1	--	0.0000067 1	--	0.000002 1
	RISB-ER-01-1.0-20180925	0.00000059 1	0.0000011 1	--	--	--	0.0000023 1	0.00000052 1	--	0.00000091 1	0.000000085 0	0.0000023 1	--	0.00000088 1	--	0.00000052 1	--	0.00000008 0
	RISB-ER-02-1.0-20180924	0.00000051 1	0.0000013 1	--	--	--	0.0000041 1	0.00000084 1	--	0.0000011 1	0.000000075 0	0.0000046 1	--	0.00000095 1	--	0.00000038 1	--	0.00000007 0
	RISB-ER-03-1.0-20180925	0.00000054 1	0.000001 1	--	--	--	0.0000013 1	0.00000062 1	--	0.00000083 1	0.00000028 1	0.0000022 1	--	0.0000011 1	--	0.00000048 1	--	0.0000002 1

Table D-4: Operations Area and Parcel E PCB Homolog Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Eco DU	Sample Name	Hexachlorobiphenyl																
		PCB-153 (2,2',4,4',5,5'-HxCB)	PCB-154 (2,2',4,4',5,6'-HxCB)	PCB-155 (2,2',4,4',6,6'-HxCB)	PCB-156 (2,3,3',4,4',5-HxCB)	PCB-157 (2,3,3',4,4',5'-HxCB)	PCB-158 (2,3,3',4,4',6-HxCB)	PCB-159 (2,3,3',4,5,5'-HxCB)	PCB-160 (2,3,3',4,5,6-HxCB)	PCB-161 (2,3,3',4,5',6-HxCB)	PCB-162 (2,3,3',4',5,5'-HxCB)	PCB-163 (2,3,3',4',5,6-HxCB)	PCB-164 (2,3,3',4',5',6-HxCB)	PCB-165 (2,3,3',5,5',6-HxCB)	PCB-166 (2,3,4,4',5,6-HxCB)	PCB-167 (2,3',4,4',5,5'-HxCB)	PCB-168 (2,3',4,4',5',6-HxCB)	PCB-169 (3,3',4,4',5,5'-HxCB)
DU-1	M-161D-0.5-20141203	--	0.000085 1	0.000021 1	--	--	0.000097 1	0.000082 1	0.000096 1	0.000072 1	0.000087 1	--	0.00014 1	0.000037 1	--	0.00014 1	--	0.000021 1
	M-162D-0.5-20141209	--	0.00014 1	0.000027 1	--	--	0.00025 1	0.00024 1	0.00019 1	0.00015 1	0.00024 1	--	0.00027 1	0.000084 1	--	0.00038 1	--	0.000059 1
	RISB-09-0.5-20141211	--	0.000014 1	0.0000047 1	--	--	0.000038 1	0.00002 1	0.000016 1	0.0000082 1	0.000019 1	--	0.000035 1	0.0000072 1	--	0.000037 1	--	0.0000072 1
	RISB-10-0.5-20141215	--	0.000039 1	0.000012 1	--	--	0.000043 1	0.000036 1	0.000026 1	0.000023 1	0.000035 1	--	0.000047 1	0.000017 1	--	0.000062 1	--	0.000005 0
	RISB-11-0.5-20141217	--	0.0000058 1	0.0000009 0	--	--	0.0000062 1	0.0000048 1	0.000005 1	0.0000045 1	0.0000044 1	--	0.0000096 1	0.00000135 0	--	0.0000096 1	--	0.0000015 0
	RISB-12-0.5-20141215	--	0.000095 0	0.00007 0	--	--	0.0072 1	0.0012 1	0.000095 0	0.000085 0	0.00079 1	--	0.00009 0	0.0001 0	--	0.0022 1	--	0.000075 0
	RISB-13-0.5-20141217	--	0.0000024 0	0.0000017 0	--	--	0.00004 1	0.00000205 0	0.00000235 0	0.0000021 0	0.0000085 1	--	0.00003 1	0.00000245 0	--	0.000027 1	--	0.00000255 0
	RISB-14-0.5-20141216	--	0.00074 1	0.0001 0	--	--	0.0016 1	0.00083 1	0.00066 1	0.00043 1	0.0008 1	--	0.0016 1	0.00035 1	--	0.0014 1	--	0.000115 0
	RISB-39-0.5-20141121	--	0.00017 1	0.000039 1	--	--	0.00021 1	0.00019 1	0.0002 1	0.00014 1	0.0002 1	--	0.00027 1	0.000083 1	--	0.0003 1	--	0.0000185 0
	RISB-40-0.5-20141121	--	0.00041 1	0.00011 1	--	--	0.00045 1	0.0004 1	0.00046 1	0.00033 1	0.00041 1	--	0.00064 1	0.00018 1	--	0.00061 1	--	0.000039 0
	RISB-41-0.5-20141121	--	0.000014 1	0.0000055 1	--	--	0.000018 1	0.000015 1	0.000016 1	0.000011 1	0.000016 1	--	0.000023 1	0.0000064 1	--	0.000025 1	--	0.0000052 1
	RISB-41-0.5-20141121-FD	--	0.000012 1	0.0000036 1	--	--	0.000016 1	0.000013 1	0.000013 1	0.00001 1	0.000013 1	--	0.000022 1	0.0000055 1	--	0.00002 1	--	0.00000135 0
	RISB-47-0.5-20141120	--	0.00006 1	0.000017 1	--	--	0.000077 1	0.000066 1	0.000067 1	0.000053 1	0.000068 1	--	0.0001 1	0.000029 1	--	0.0001 1	--	0.000018 1
	RISB-48-0.5-20141120	--	0.000014 1	0.0000037 1	--	--	0.000021 1	0.000019 1	0.000013 1	0.000013 1	0.000019 1	--	0.000025 1	0.0000069 1	--	0.000028 1	--	0.0000064 1
	RIT-1-01-20141111	--	0.000013 1	0.0000029 0	--	--	0.00006 1	0.000012 1	0.000012 1	0.00000285 0	0.000017 1	--	0.000053 1	0.0000033 0	--	0.000033 1	--	0.000004 1
	RIT-1-02-20141111	--	0.000099 1	0.000015 0	--	--	0.0015 1	0.0000065 0	0.000018 0	0.0000165 0	0.000028 1	--	0.0013 1	0.000019 0	--	0.00041 1	--	0.000041 1
	RIT-1-03-20141112	--	0.00038 1	0.000065 0	--	--	0.0022 1	0.00025 1	0.0002 1	0.00014 1	0.00017 1	--	0.0021 1	0.000075 0	--	0.001 1	--	0.0001 1
	RIT-1-04-20141112	--	0.00029 1	0.000048 0	--	--	0.0059 1	0.00016 1	0.000065 0	0.00006 0	0.000081 1	--	0.0048 1	0.00007 0	--	0.0021 1	--	0.0000315 0
	RIT-1-05-20141112	--	0.000032 1	0.0000125 0	--	--	0.00098 1	0.000011 1	0.000013 0	0.0000115 0	0.000018 1	--	0.00054 1	0.0000135 0	--	0.00039 1	--	0.000023 1
	RIT-2-01-20141112	--	0.000031 1	0.000015 1	--	--	0.00011 1	0.000019 1	0.000017 1	0.000014 1	0.0000081 1	--	0.000094 1	0.000006 0	--	0.00006 1	--	0.0000057 1
	RIT-2-02-20141112	--	0.00015 1	0.000054 1	--	--	0.00015 1	0.00013 1	0.000065 1	0.000097 1	0.00012 1	--	0.00021 1	0.000058 1	--	0.00016 1	--	0.000025 1
	RIT-2-03-20141112	--	0.00027 1	0.00012 1	--	--	0.00038 1	0.00027 1	0.00013 1	0.0002 1	0.00026 1	--	0.00049 1	0.00011 1	--	0.00042 1	--	0.0000215 0
	RIT-2-03-20141112-FD	--	0.00037 1	0.00015 1	--	--	0.00047 1	0.00035 1	0.0002 1	0.00025 1	0.00036 1	--	0.00061 1	0.00015 1	--	0.00062 1	--	0.0000325 0
	RIT-2-04-20141113	--	0.0000041 1	0.00000085 0	--	--	0.000078 1	0.0000022 1	0.00000105 0	0.00000095 0	0.0000075 1	--	0.000041 1	0.0000011 0	--	0.000041 1	--	0.0000019 1
	RIT-2-05-20141113	--	0.0000005 0	0.0000004 0	--	--	0.000014 1	0.000000305 0	0.0000005 0	0.000000445 0	0.000000275 0	--	0.0000071 1	0.0000005 0	--	0.0000061 1	--	0.00000036 0
	RIT-3-01-20141113	--	0.000000125 0	0.0000001 0	--	--	0.0000014 1	0.000000075 0	0.00000012 0	0.00000011 0	0.00000007 0	--	0.0000011 1	0.000000125 0	--	0.00000024 1	--	0.00000009 0
	RIT-3-02-20141113	--	0.00000046 0	0.000000365 0	--	--	0.00003 1	0.000000275 0	0.00000045 0	0.000000405 0	0.00000068 1	--	0.000018 1	0.00000047 0	--	0.000011 1	--	0.000000305 0
	RIT-3-03-20141113	--	0.00000145 0	0.000001 0	--	--	0.000039 1	0.000003 1	0.0000014 0	0.00000125 0	0.0000023 1	--	0.000028 1	0.0000015 0	--	0.000019 1	--	0.00000145 0
	RIT-3-03-20141113-FD	--	0.0000072 1	0.00000235 0	--	--	0.0001 1	0.000024 1	0.0000034 0	0.00000305 0	0.000015 1	--	0.000079 1	0.00000355 0	--	0.000042 1	--	0.00000165 0
	RIT-3-04-20141113	--	0.000007 1	0.00000215 0	--	--	0.0002 1	0.0000035 1	0.00000245 0	0.0000022 0	0.0000059 1	--	0.00014 1	0.0000026 0	--	0.000057 1	--	0.0000012 0
	RIT-3-05-20141113	--	0.000014 1	0.00000335 0	--	--	0.00011 1	0.000011 1	0.00000405 0	0.0000036 0	0.0000084 1	--	0.000084 1	0.0000042 0	--	0.000062 1	--	0.0000055 1
	RSAM8-0.5B	--	0.00000904 1	0.00000187 1	--	--	0.000135 1	0.00000431 1	0.0000009 0	0.00000096 0	0.00000493 1	--	0.0000803 1	0.00000092 0	--	0.0000663 1	--	0.0000422 1
	RSAO2-0.5B	--	2.045E-07 0	0.000000222 0	--	--	0.0000315 1	0.0000019 0	0.0000133 1	0.00000175 0	0.000000715 0	--	0.0000206 1	0.000001675 0	--	0.0000151 1	--	0.00000073 0
	SA166-0.5B	--	0.0000182 1	0.00000249 1	--	--	0.000102 1	0.00000849 1	0.000000675 0	0.00000216 1	0.00000401 1	--	0.0000666 1	0.00000069 0	--	0.000029 1	--	0.000000283 0
	SA180-0.5B	--	0.0000713 1	0.00000715 1	--	--	0.000993 1	0.000048 1	0.0000477 1	0.00000975 0	0.0000405 1	--	0.000611 1	0.00000935 0	--	0.000592 1	--	0.000169 1
DU-2	RSAU5-0.5B	--	0.00000933 1	0.00000586 1	--	--	0.0000163 1	0.0000101 1	0.00000143 0	0.00000563 1	0.00000697 1	--	0.00002 1	0.00000344 1	--	0.0000118 1	--	0.00000414 1
DU-3	SA128-10B	0.000086 1	0.0000105 0	0.0000105 0	0.0000039 1	0.00000105 0	0.0000097 1	0.0000105 0	0.0000097 1	0.0000105 0	0.0000105 0	0.000088 1	0.000088 1	0.0000105 0	0.0000105 0	0.00000105 0	0.000021 1	0.00000105 0
Parcel E	RISB-EJ-01-1.0-20180926	--	0.00000009 0	0.000000065 0	--	--	0.000000075 0	0.000000047 0	0.000000075 0	0.00000008 0	0.00000012 1	--	0.00000008 0	0.00000008 0	--	0.00000034 1	--	4.95E-08 0
	RISB-EJ-02-1.0-20180924	--	0.0000046 1	0.0000023 1	--	--	0.0000076 1	0.0000059 1	0.0000055 1	0.0000035 1	0.0000055 1	--	0.000013 1	0.0000028 1	--	0.0000099 1	--	0.0000023 1
	RISB-EJ-03-1.0-20180925	--	0.000000185 0	0.00000047 1	--	--	0.0000024 1	0.0000015 1	0.0000011 1	0.0000008 1	0.0000014 1	--	0.0000026 1	0.000000165 0	--	0.0000028 1	--	0.00000061 1
	RISB-EJ-03-1.0-20180925-FD	--	0.00000065 0	0.00000045 0	--	--	0.0000085 1	0.000003 1	0.0000022 1	0.0000012 1	0.000003 1	--	0.0000048 1	0.00000055 0	--	0.0000069 1	--	0.00000094 1
	RISB-EJ-04-1.0-20180925	--	0.000012 1	0.0000052 1	--	--	0.000022 1	0.000016 1	0.000013 1	0.0000085 1	0.000015 1	--	0.000021 1	0.0000064 1	--	0.000029 1	--	0.000007 1
	RISB-ER-01-1.0-20180925	--	0.0000012 1	0.00000052 1	--	--	0.0000012 1	0.0000007 1	0.0000006 1	0.00000048 1	0.00000062 1	--	0.00000091 1	0.000000095 0	--	0.0000016 1	--	0.000000075 0
	RISB-ER-02-1.0-20180924	--	0.0000012 1	0.0000004 1	--	--	0.0000024 1	0.0000016 1	0.0000013 1	0.00000088 1	0.0000017 1	--	0.0000019 1	0.00000052 1	--	0.000003 1	--	0.0000012 1
	RISB-ER-03-1.0-20180925	--	0.00000095 1	0.00000057 1	--	--	0.00000094 1	0.00000074 1	0.00000081 1	0.00000069 1	0.00000071 1	--	0.00000086 1	0.00000049 1	--	0.0000014 1	--	0.000000065 0

Table D-4: Operations Area and Parcel E PCB Homolog Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

		Hexachlorobiphenyl								Heptachlorobiphenyl								
Eco DU	Sample Name	PCBs 128+166	PCBs 129+138+163	PCBs 134+143	PCBs 135+151	PCBs 139+140	PCBs 147+149	PCBs 153+168	PCBs 156+157	PCB-170 (2,2',3,3',4,4',5-HpCB)	PCB-171 (2,2',3,3',4,4',6-HpCB)	PCB-172 (2,2',3,3',4,5,5'-HpCB)	PCB-173 (2,2',3,3',4,5,6-HpCB)	PCB-174 (2,2',3,3',4,5,6'-HpCB)	PCB-175 (2,2',3,3',4,5',6-HpCB)	PCB-176 (2,2',3,3',4,6,6'-HpCB)	PCB-177 (2,2',3,3',4,5',6'-HpCB)	PCB-178 (2,2',3,3',5,5',6-HpCB)
DU-1	M-161D-0.5-20141203	0.000095 1	0.00023 1	0.000043 1	0.00011 1	0.000075 1	0.00013 1	0.00016 1	0.00016 1	0.000075 1	--	0.0003 1	--	0.00017 1	0.00023 1	0.00013 1	0.00011 1	0.00015 1
	M-162D-0.5-20141209	0.00023 1	0.0008 1	0.000097 1	0.00024 1	0.00015 1	0.00036 1	0.00055 1	0.00052 1	0.00033 1	--	0.00077 1	--	0.00048 1	0.00055 1	0.00026 1	0.0003 1	0.00035 1
	RISB-09-0.5-20141211	0.000044 1	0.00029 1	0.000011 1	0.000076 1	0.000012 1	0.00017 1	0.00023 1	0.000062 1	0.00016 1	--	0.000067 1	--	0.00015 1	0.000053 1	0.000033 1	0.000083 1	0.000046 1
	RISB-10-0.5-20141215	0.000043 1	0.00016 1	0.00000335 0	0.000062 1	0.000035 1	0.000088 1	0.00012 1	0.000083 1	0.000091 1	--	0.00014 1	--	0.00011 1	0.00012 1	0.000059 1	0.000043 1	0.000085 1
	RISB-11-0.5-20141217	0.0000014 0	0.000025 1	0.00000175 0	0.0000096 1	0.0000045 1	0.000015 1	0.00002 1	0.000013 1	0.00001 1	--	0.0000014 0	--	0.000016 1	0.000016 1	0.000011 1	0.0000041 1	0.000012 1
	RISB-12-0.5-20141215	0.0058 1	0.079 1	0.000125 0	0.023 1	0.00011 0	0.058 1	0.073 1	0.006 1	0.049 1	--	0.0064 1	--	0.043 1	0.0016 1	0.0037 1	0.023 1	0.0054 1
	RISB-13-0.5-20141217	0.000044 1	0.00032 1	0.00000315 0	0.000077 1	0.0000027 0	0.00019 1	0.00025 1	0.000056 1	0.00012 1	--	0.000044 1	--	0.00012 1	0.00003 1	0.000027 1	0.000068 1	0.000033 1
	RISB-14-0.5-20141216	0.0015 1	0.012 1	0.00045 1	0.004 1	0.00058 1	0.0087 1	0.012 1	0.0021 1	0.0059 1	--	0.0027 1	--	0.0067 1	0.0021 1	0.0016 1	0.0038 1	0.0019 1
	RISB-39-0.5-20141121	0.0002 1	0.00052 1	0.000099 1	0.00024 1	0.00015 1	0.0003 1	0.00035 1	0.00036 1	0.00024 1	--	0.0006 1	--	0.00038 1	0.00055 1	0.0003 1	0.0002 1	0.00037 1
	RISB-40-0.5-20141121	0.00042 1	0.0011 1	0.0002 1	0.00056 1	0.00036 1	0.00064 1	0.00079 1	0.00074 1	0.00055 1	--	0.0014 1	--	0.00086 1	0.0012 1	0.00066 1	0.00048 1	0.00076 1
	RISB-41-0.5-20141121	0.00002 1	0.000062 1	0.0000087 1	0.000022 1	0.000013 1	0.000033 1	0.000045 1	0.00003 1	0.000028 1	--	0.000053 1	--	0.000041 1	0.000046 1	0.000026 1	0.000026 1	0.00003 1
	RISB-41-0.5-20141121-FD	0.000017 1	0.000058 1	0.0000076 1	0.000022 1	0.000011 1	0.000032 1	0.000045 1	0.000025 1	0.000028 1	--	0.000047 1	--	0.000037 1	0.000037 1	0.000021 1	0.000022 1	0.000025 1
	RISB-47-0.5-20141120	0.000077 1	0.00022 1	0.000037 1	0.000095 1	0.000058 1	0.00013 1	0.00015 1	0.00013 1	0.00007 1	--	0.00022 1	--	0.00014 1	0.00018 1	0.0001 1	0.000071 1	0.00012 1
	RISB-48-0.5-20141120	0.000021 1	0.000062 1	0.0000081 1	0.000023 1	0.000013 1	0.000032 1	0.000044 1	0.000033 1	0.000032 1	--	0.000067 1	--	0.000044 1	0.000049 1	0.000026 1	0.000026 1	0.000034 1
	RIT-1-01-20141111	0.000058 1	0.00058 1	0.000024 1	0.00021 1	0.0000092 1	0.00049 1	0.00047 1	0.000051 1	0.00037 1	--	0.0001 1	--	0.00034 1	0.000037 1	0.000043 1	0.00019 1	0.000062 1
	RIT-1-02-20141111	0.0013 1	0.015 1	0.00048 1	0.0054 1	0.000067 1	0.013 1	0.011 1	0.00077 1	0.011 1	--	0.0017 1	--	0.01 1	0.00039 1	0.00088 1	0.0057 1	0.0015 1
	RIT-1-03-20141112	0.0019 1	0.021 1	0.00079 1	0.0068 1	0.00026 1	0.016 1	0.015 1	0.0017 1	0.015 1	--	0.0035 1	--	0.014 1	0.0012 1	0.0015 1	0.0075 1	0.0022 1
	RIT-1-04-20141112	0.0049 1	0.065 1	0.0019 1	0.018 1	0.0002 1	0.044 1	0.057 1	0.0046 1	0.037 1	--	0.0057 1	--	0.036 1	0.0014 1	0.0033 1	0.02 1	0.005 1
	RIT-1-05-20141112	0.00069 1	0.01 1	0.00024 1	0.0017 1	0.0000145 0	0.0057 1	0.01 1	0.0008 1	0.0053 1	--	0.00069 1	--	0.0042 1	0.00018 1	0.00036 1	0.0027 1	0.00052 1
	RIT-2-01-20141112	0.000089 1	0.00099 1	0.000038 1	0.00025 1	0.00002 1	0.0006 1	0.00088 1	0.0001 1	0.00053 1	--	0.00012 1	--	0.0005 1	0.000069 1	0.00007 1	0.00028 1	0.000092 1
	RIT-2-02-20141112	0.00012 1	0.00053 1	0.00008 1	0.00027 1	0.00014 1	0.00042 1	0.00038 1	0.00019 1	0.00026 1	--	0.00035 1	--	0.00039 1	0.00035 1	0.00021 1	0.00023 1	0.00024 1
	RIT-2-03-20141112	0.00032 1	0.0018 1	0.00017 1	0.00072 1	0.00025 1	0.0013 1	0.0014 1	0.0005 1	0.001 1	--	0.00098 1	--	0.0012 1	0.0007 1	0.00045 1	0.00071 1	0.00053 1
	RIT-2-03-20141112-FD	0.00041 1	0.002 1	0.00021 1	0.00086 1	0.00031 1	0.0015 1	0.0016 1	0.00066 1	0.0011 1	--	0.0013 1	--	0.0013 1	0.00093 1	0.00056 1	0.00081 1	0.00068 1
	RIT-2-04-20141113	0.00012 1	0.00066 1	0.000017 1	0.000089 1	0.0000069 1	0.00025 1	0.00041 1	0.00013 1	0.00021 1	--	0.000036 1	--	0.00016 1	0.000013 1	0.000016 1	0.000095 1	0.000026 1
	RIT-2-05-20141113	0.000018 1	0.00012 1	0.000003 1	0.00002 1	0.00000055 0	0.000054 1	0.000089 1	0.000019 1	0.000051 1	--	0.0000074 1	--	0.000044 1	0.0000028 1	0.0000036 1	0.00002 1	0.0000056 1
	RIT-3-01-20141113	0.0000013 1	0.000018 1	0.0000012 1	0.000014 1	0.00000014 0	0.000031 1	0.000021 1	0.00000084 1	0.0000035 1	--	0.0000007 1	--	0.0000087 1	0.00000025 1	0.0000016 1	0.0000034 1	0.0000012 1
	RIT-3-02-20141113	0.000044 1	0.00027 1	0.000013 1	0.000061 1	0.0000041 1	0.00016 1	0.00016 1	0.000033 1	0.000083 1	--	0.000016 1	--	0.000076 1	0.0000039 1	0.0000069 1	0.000047 1	0.000014 1
	RIT-3-03-20141113	0.000041 1	0.00039 1	0.000011 1	0.000079 1	0.00000165 0	0.0002 1	0.00032 1	0.000046 1	0.0003 1	--	0.000051 1	--	0.00024 1	0.000013 1	0.000018 1	0.000063 1	0.00003 1
	RIT-3-03-20141113-FD	0.00009 1	0.0011 1	0.000026 1	0.00025 1	0.0000039 0	0.00064 1	0.0012 1	0.00012 1	0.00069 1	--	0.00014 1	--	0.0006 1	0.00003 1	0.000046 1	0.00027 1	0.000073 1
	RIT-3-04-20141113	0.00018 1	0.0022 1	0.000077 1	0.00076 1	0.0000065 1	0.0019 1	0.002 1	0.00014 1	0.0012 1	--	0.0002 1	--	0.0015 1	0.000046 1	0.00013 1	0.0008 1	0.00018 1
	RIT-3-05-20141113	0.00011 1	0.0011 1	0.000034 1	0.00028 1	0.000011 1	0.00072 1	0.001 1	0.00012 1	0.00065 1	--	0.00016 1	--	0.00057 1	0.000049 1	0.00006 1	0.00031 1	0.000092 1
	RSAM8-0.5B	0.000248 1	0.0013 1	--	0.000237 1	0.0000212 1	0.000638 1	0.000734 1	0.00025 1	0.000126 1	--	0.0000253 1	--	0.0000909 1	0.00000946 1	0.0000167 1	0.0000492 1	0.0000183 1
	RSAO2-0.5B	0.0000541 1	0.000307 1	--	0.0000774 1	0.00000205 0	0.000168 1	0.000239 1	0.0000392 1	0.0000997 1	--	0.0000231 1	--	0.0000526 1	0.0000103 1	0.0000139 1	0.0000499 1	0.0000221 1
	SA166-0.5B	0.000113 1	0.00111 1	--	0.000341 1	0.0000126 1	0.000686 1	0.00112 1	0.000054 1	0.000266 1	--	0.0000583 1	--	0.000311 1	0.0000322 1	0.0000593 1	0.000187 1	0.0000938 1
	SA180-0.5B	0.00165 1	0.00974 1	--	0.00224 1	0.000181 1	0.00552 1	0.00591 1	0.00168 1	0.00182 1	--	0.000339 1	--	0.00117 1	0.000112 1	0.000198 1	0.000739 1	0.000269 1
DU-2	RSAU5-0.5B	0.0000201 1	0.000139 1	--	0.0000625 1	0.0000108 1	0.000124 1	0.000122 1	0.000018 1	0.0000362 1	--	0.000034 1	--	0.0000441 1	0.0000265 1	0.0000192 1	0.0000152 1	0.0000221 1
DU-3	SA128-10B	--	--	--	--	-- --	--	--	--	0.000032 1	0.0000096 1	0.0000043 1	0.0000105 0	0.000027 1	0.0000105 0	0.0000041 1	0.000018 1	0.0000052 1
Parcel E	RISB-EJ-01-1.0-20180926	0.00000009 0	0.000002 1	0.000000115 0	0.00000061 1	0.000000095 0	0.0000011 1	0.0000012 1	0.000000065 0	0.00000046 1	--	0.00000059 1	--	0.00000072 1	0.00000045 1	0.00000026 1	0.000000075 0	0.0000004 1
	RISB-EJ-02-1.0-20180924	0.0000086 1	0.000035 1	0.0000041 1	0.000014 1	0.0000054 1	0.00002 1	0.000027 1	0.000012 1	0.000012 1	--	0.000019 1	--	0.000017 1	0.000019 1	0.00001 1	0.0000093 1	0.000014 1
	RISB-EJ-03-1.0-20180925	0.0000033 1	0.000013 1	0.000000235 0	0.0000038 1	0.0000011 1	0.0000071 1	0.00001 1	0.0000039 1	0.0000053 1	--	0.0000043 1	--	0.0000052 1	0.0000039 1	0.0000024 1	0.0000027 1	0.0000029 1
	RISB-EJ-03-1.0-20180925-FD	0.000012 1	0.000059 1	0.0000039 1	0.000015 1	0.0000024 1	0.000036 1	0.000038 1	0.000013 1	0.000013 1	--	0.0000093 1	--	0.000012 1	0.0000066 1	0.0000044 1	0.0000072 1	0.0000056 1
	RISB-EJ-04-1.0-20180925	0.000027 1	0.00012 1	0.00001 1	0.000044 1	0.000013 1	0.000074 1	0.000093 1	0.000038 1	0.000051 1	--	0.000056 1	--	0.000059 1	0.000044 1	0.00003 1	0.000034 1	0.000038 1
	RISB-ER-01-1.0-20180925	0.0000012 1	0.0000062 1	0.00000013 0	0.0000023 1	0.00000082 1	0.0000047 1	0.0000053 1	0.0000019 1	0.0000017 1	--	0.0000002 1	--	0.0000026 1	0.0000021 1	0.0000014 1	0.0000013 1	0.0000017 1
	RISB-ER-02-1.0-20180924	0.0000038 1	0.000011 1	0.000000115 0	0.0000027 1	0.0000012 1	0.0000053 1	0.0000089 1	0.0000042 1	0.0000041 1	--	0.000005 1	--	0.0000048 1	0.0000049 1	0.0000021 1	0.0000024 1	0.0000033 1
	RISB-ER-03-1.0-20180925	0.0000011 1	0.0000038 1	0.00000062 1	0.000002 1	0.00000082 1	0.0000026 1	0.0000031 1	0.0000017 1	0.0000015 1	--	0.0000023 1	--	0.0000022 1	0.0000026 1	0.0000016 1	0.00000092 1	0.000002 1

Table D-4: Operations Area and Parcel E PCB Homolog Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

		Heptachlorobiphenyl																	
Eco DU	Sample Name	PCB-179 (2,2',3,3',5,6,6'-HpCB)	PCB-180 (2,2',3,4,4',5,5'-HpCB)	PCB-181 (2,2',3,4,4',5,6-HpCB)	PCB-182 (2,2',3,4,4',5,6'-HpCB)	PCB-183 (2,2',3,4,4',5',6-HpCB)	PCB-184 (2,2',3,4,4',6,6'-HpCB)	PCB-185 (2,2',3,4,5,5',6-HpCB)	PCB-186 (2,2',3,4,5,6,6'-HpCB)	PCB-187 (2,2',3,4',5,5',6-HpCB)	PCB-188 (2,2',3,4',5,6,6'-HpCB)	PCB-189 (2,3,3',4,4',5,5'-HpCB)	PCB-190 (2,3,3',4,4',5,6-HpCB)	PCB-191 (2,3,3',4,4',5',6-HpCB)	PCB-192 (2,3,3',4,5,5',6-HpCB)	PCB-193 (2,3,3',4',5,5',6-HpCB)	PCBs 171+173	PCBs 180+193
DU-1	M-161D-0.5-20141203	0.000091 1	--	0.000098 1	0.00016 1	0.00023 1	0.00024 1	0.00011 1	0.000037 1	0.00018 1	0.00012 1	0.00023 1	0.00011 1	0.00012 1	0.00008 1	--	0.00012 1	0.00047 1
	M-162D-0.5-20141209	0.0002 1	--	0.00023 1	0.00034 1	0.00059 1	0.00043 1	0.00026 1	0.000074 1	0.0005 1	0.00024 1	0.00065 1	0.00031 1	0.00023 1	0.00025 1	--	0.00044 1	0.0015 1
	RISB-09-0.5-20141211	0.000046 1	--	0.000015 1	0.00003 1	0.0001 1	0.000044 1	0.000029 1	0.0000062 1	0.00014 1	0.000026 1	0.00005 1	0.00006 1	0.000029 1	0.000014 1	--	0.0001 1	0.00043 1
	RISB-10-0.5-20141215	0.000052 1	--	0.000047 1	0.000071 1	0.00013 1	0.0001 1	0.000052 1	0.000014 1	0.00012 1	0.000065 1	0.000093 1	0.000061 1	0.000062 1	0.000043 1	--	0.00019 1	0.0003 1
	RISB-11-0.5-20141217	0.0000087 1	--	0.0000082 1	0.000013 1	0.000021 1	0.000017 1	0.0000069 1	0.0000026 1	0.000018 1	0.0000089 1	0.000015 1	0.0000026 1	0.0000057 1	0.0000039 1	--	0.000017 1	0.000046 1
	RISB-12-0.5-20141215	0.011 1	--	0.000045 0	0.000012 0	0.023 1	0.00024 1	0.00005 0	0.00001 0	0.036 1	0.00013 1	0.0017 1	0.0095 1	0.0023 1	0.000039 0	--	0.014 1	0.1 1
	RISB-13-0.5-20141217	0.000036 1	--	0.000011 1	0.000015 1	0.000076 1	0.000026 1	0.000022 1	0.0000041 1	0.00012 1	0.000016 1	0.000026 1	0.000038 1	0.000015 1	0.000005 1	--	0.000059 1	0.0003 1
	RISB-14-0.5-20141216	0.0023 1	--	0.00052 1	0.0013 1	0.0045 1	0.002 1	0.0014 1	0.00033 1	0.0063 1	0.0011 1	0.0018 1	0.0023 1	0.0012 1	0.00047 1	--	0.005 1	0.017 1
	RISB-39-0.5-20141121	0.00022 1	--	0.0002 1	0.00035 1	0.0005 1	0.0005 1	0.00025 1	0.00008 1	0.00041 1	0.00026 1	0.00052 1	0.00028 1	0.00026 1	0.00018 1	--	0.00089 1	0.0011 1
	RISB-40-0.5-20141121	0.00049 1	--	0.00044 1	0.00076 1	0.0011 1	0.0012 1	0.00057 1	0.00018 1	0.00094 1	0.0006 1	0.001 1	0.00054 1	0.00057 1	0.00041 1	--	0.002 1	0.0024 1
	RISB-41-0.5-20141121	0.00002 1	--	0.000018 1	0.000029 1	0.000047 1	0.000044 1	0.000022 1	0.0000068 1	0.000042 1	0.000024 1	0.00004 1	0.000024 1	0.000023 1	0.000015 1	--	0.000084 1	0.00012 1
	RISB-41-0.5-20141121-FD	0.000018 1	--	0.000014 1	0.000023 1	0.000039 1	0.000037 1	0.000019 1	0.0000049 1	0.000038 1	0.00002 1	0.000034 1	0.00003 1	0.000019 1	0.000013 1	--	0.000067 1	0.0001 1
	RISB-47-0.5-20141120	0.000079 1	--	0.000072 1	0.00012 1	0.00017 1	0.00018 1	0.000089 1	0.000029 1	0.00015 1	0.000096 1	0.00017 1	0.000083 1	0.000093 1	0.000068 1	--	0.00012 1	0.00039 1
	RISB-48-0.5-20141120	0.000021 1	--	0.00002 1	0.000033 1	0.000051 1	0.000046 1	0.000021 1	0.0000073 1	0.000049 1	0.000024 1	0.000051 1	0.000028 1	0.000028 1	0.000019 1	--	0.000036 1	0.00013 1
	RIT-1-01-20141111	0.0001 1	--	0.000013 1	0.000019 1	0.0002 1	0.000029 1	0.000039 1	0.0000043 1	0.00033 1	0.000017 1	0.000037 1	0.000088 1	0.000031 1	0.000011 1	--	0.00015 1	0.00085 1
	RIT-1-02-20141111	0.0028 1	--	0.0000028 0	0.000056 1	0.005 1	0.000029 1	0.00093 1	0.00000135 0	0.0097 1	0.000024 1	0.0004 1	0.002 1	0.00049 1	0.0000024 0	--	0.0032 1	0.023 1
	RIT-1-03-20141112	0.0037 1	--	0.00033 1	0.00054 1	0.0072 1	0.00084 1	0.0015 1	0.00013 1	0.013 1	0.00047 1	0.0012 1	0.0034 1	0.0011 1	0.00028 1	--	0.0056 1	0.034 1
	RIT-1-04-20141112	0.01 1	--	0.00015 1	0.00013 1	0.017 1	0.00019 1	0.0036 1	0.000022 1	0.033 1	0.00012 1	0.0015 1	0.0069 1	0.0017 1	0.000038 1	--	0.011 1	0.079 1
	RIT-1-05-20141112	0.00095 1	--	0.0000035 0	0.000027 1	0.0027 1	0.000037 1	0.00029 1	0.00000115 0	0.0044 1	0.000023 1	0.00021 1	0.0013 1	0.00026 1	0.000003 0	--	0.0016 1	0.012 1
	RIT-2-01-20141112	0.00014 1	--	0.000025 1	0.000031 1	0.00029 1	0.000071 1	0.000064 1	0.000011 1	0.00046 1	0.000037 1	0.000055 1	0.00012 1	0.000041 1	0.000011 1	--	0.00025 1	0.0012 1
	RIT-2-02-20141112	0.0002 1	--	0.00014 1	0.00022 1	0.00043 1	0.00039 1	0.00014 1	0.00006 1	0.00042 1	0.00019 1	0.00024 1	0.00019 1	0.00016 1	0.00012 1	--	0.00064 1	0.00092 1
	RIT-2-03-20141112	0.00048 1	--	0.0003 1	0.00046 1	0.001 1	0.00077 1	0.00039 1	0.00012 1	0.0012 1	0.00041 1	0.00057 1	0.00045 1	0.00039 1	0.00027 1	--	0.0016 1	0.003 1
	RIT-2-03-20141112-FD	0.00059 1	--	0.00039 1	0.00061 1	0.0013 1	0.001 1	0.00049 1	0.00015 1	0.0014 1	0.00051 1	0.00091 1	0.0006 1	0.00053 1	0.00037 1	--	0.0021 1	0.0035 1
	RIT-2-04-20141113	0.00004 1	--	0.0000037 1	0.0000056 1	0.00009 1	0.0000077 1	0.000015 1	0.000001 1	0.00015 1	0.0000043 1	0.000016 1	0.000043 1	0.000012 1	0.0000003 0	--	0.000065 1	0.00041 1
	RIT-2-05-20141113	0.0000091 1	--	0.00000027 0	0.00000084 1	0.000024 1	0.0000015 1	0.0000044 1	0.000000135 0	0.00004 1	0.00000089 1	0.0000025 1	0.000012 1	0.0000022 1	0.000000235 0	--	0.0000089 1	0.000099 1
	RIT-3-01-20141113	0.0000059 1	--	0.000000095 0	0.000000105 0	0.0000046 1	0.00000009 0	0.00000097 1	0.000000085 0	0.0000083 1	0.00000009 0	0.00000015 0	0.00000065 1	0.000000075 0	0.00000008 0	--	0.0000017 1	0.0000091 1
	RIT-3-02-20141113	0.000024 1	--	0.000000165 0	0.0000012 1	0.000039 1	0.0000012 1	0.000011 1	0.000000095 0	0.000084 1	0.00000092 1	0.0000035 1	0.000017 1	0.0000046 1	0.000000145 0	--	0.000027 1	0.00017 1
	RIT-3-03-20141113	0.000047 1	--	0.0000009 0	0.0000063 1	0.00011 1	0.0000078 1	0.000025 1	0.00000075 0	0.00018 1	0.0000037 1	0.000018 1	0.000061 1	0.000014 1	0.0000008 0	--	0.00008 1	0.0006 1
	RIT-3-03-20141113-FD	0.00012 1	--	0.0000013 0	0.000015 1	0.00029 1	0.000016 1	0.000072 1	0.0000012 1	0.0005 1	0.0000082 1	0.000038 1	0.00013 1	0.00004 1	0.0000011 0	--	0.00018 1	0.0016 1
	RIT-3-04-20141113	0.00043 1	--	0.00000085 0	0.0000059 1	0.00072 1	0.0000051 1	0.00016 1	0.00000026 0	0.0013 1	0.0000035 1	0.000036 1	0.00022 1	0.000057 1	0.00000075 0	--	0.00052 1	0.0028 1
	RIT-3-05-20141113	0.00015 1	--	0.000013 1	0.000024 1	0.0003 1	0.000035 1	0.000072 1	0.000005 1	0.00055 1	0.000019 1	0.00005 1	0.00015 1	0.000038 1	0.0000081 1	--	0.00022 1	0.0015 1
	RSAM8-0.5B	0.0000313 1	--	0.00000409 1	0.00000458 1	0.000068 1	0.000008 1	0.00000107 0	0.00000141 1	0.0000882 1	0.00000545 1	0.0000616 1	0.0000215 1	0.00000665 1	0.00000085 0	--	0.0000436 1	0.000238 1
	RSAO2-0.5B	0.0000424 1	--	0.0000018 0	0.0000054 1	0.0000846 1	0.0000046 1	0.0000114 1	4.445E-07 0	0.00015 1	0.000000492 0	0.00000678 1	0.000021 1	0.00000511 1	0.00000654 1	--	0.0000316 1	0.000229 1
	SA166-0.5B	0.000134 1	--	0.00000421 1	0.00000901 1	0.000281 1	0.0000161 1	0.0000007 0	0.00000129 1	0.00049 1	0.0000109 1	0.000011 1	0.000046 1	0.0000135 1	0.00000201 1	--	0.000111 1	0.000623 1
	SA180-0.5B	0.000444 1	--	0.0000454 1	0.0000396 1	0.000389 1	0.0000428 1	0.00000498 0	0.00000707 1	0.00138 1	0.0000282 1	0.00025 1	0.000357 1	0.0000958 1	0.0000241 1	--	0.000568 1	0.00334 1
DU-2	RSAU5-0.5B	0.0000212 1	--	0.0000138 1	0.0000178 1	0.0000441 1	0.0000279 1	0.0000108 1	0.00000416 1	0.000053 1	0.000017 1	0.0000214 1	0.0000178 1	0.0000155 1	0.00000935 1	--	0.0000525 1	0.000099 1
DU-3	SA128-10B	0.000011 1	0.000072 1	0.0000105 0	0.000026 1	0.00002 1	0.0000105 0	0.0000039 1	0.0000105 0	0.000026 1	0.0000105 0	0.00000105 0	0.000032 1	0.0000105 0	0.0000043 1	0.0000031 1	--	--
Parcel E	RISB-EJ-01-1.0-20180926	0.00000025 1	--	0.000000065 0	0.00000034 1	0.00000092 1	0.00000064 1	0.000000065 0	0.000000023 0	0.00000093 1	0.00000042 1	0.00000038 1	0.00000023 1	0.000000055 0	0.000000055 0	--	0.00000056 1	0.0000016 1
	RISB-EJ-02-1.0-20180924	0.0000098 1	--	0.0000051 1	0.0000099 1	0.000028 1	0.000017 1	0.0000064 1	0.0000024 1	0.000024 1	0.000011 1	0.000014 1	0.0000093 1	0.0000064 1	0.0000058 1	--	0.000024 1	0.000046 1
	RISB-EJ-03-1.0-20180925	0.0000024 1	--	0.000001 1	0.000002 1	0.0000056 1	0.0000036 1	0.0000012 1	0.00000038 1	0.000007 1	0.0000025 1	0.0000037 1	0.000002 1	0.0000014 1	0.0000028 1	--	0.0000052 1	0.000015 1
	RISB-EJ-03-1.0-20180925-FD	0.0000048 1	--	0.0000019 1	0.0000041 1	0.000013 1	0.0000064 1	0.0000023 1	0.00000086 1	0.000015 1	0.0000044 1	0.0000073 1	0.0000044 1	0.0000034 1	0.0000025 1	--	0.000012 1	0.000033 1
	RISB-EJ-04-1.0-20180925	0.000031 1	--	0.000015 1	0.000026 1	0.000064 1	0.000046 1	0.000018 1	0.0000065 1	0.000076 1	0.000032 1	0.00004 1	0.000023 1	0.000019 1	0.000014 1	--	0.000068 1	0.00015 1
	RISB-ER-01-1.0-20180925	0.0000014 1	--	0.00000075 1	0.0000012 1	0.0000031 1	0.0000026 1	0.00000073 1	0.00000034 1	0.0000036 1	0.0000016 1	0.0000013 1	0.0000012 1	0.00000072 1	0.0000015 1	--	0.0000028 1	0.0000064 1
	RISB-ER-02-1.0-20180924	0.0000021 1	--	0.0000014 1	0.0000026 1	0.0000078 1	0.0000035 1	0.0000018 1	0.00000044 1	0.0000073 1	0.0000027 1	0.0000038 1	0.0000032 1	0.0000021 1	0.0000015 1	--	0.0000074 1	0.000014 1
	RISB-ER-03-1.0-20180925	0.0000017 1	--	0.00000071 1	0.0000016 1	0.0000027 1	0.0000033 1	0.00000066 1	0.00000046 1	0.0000034 1	0.0000017 1	0.0000016 1	0.000000125 0	0.00000085 1	0.00000069 1	--	0.000003 1	0.0000052 1

Table D-4: Operations Area and Parcel E PCB Homolog Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

		Octachlorobiphenyl													Nonachlorobiphenyl		
Eco DU	Sample Name	PCB-194 (2,2',3,3',4,4',5,5'-OcCB)	PCB-195 (2,2',3,3',4,4',5,6-OcCB)	PCB-196 (2,2',3,3',4,4',5,6'-OcCB)	PCB-197 (2,2',3,3',4,4',6,6'-OcCB)	PCB-198 (2,2',3,3',4,5,5',6-OcCB)	PCB-199 (2,2',3,3',4,5,5',6'-OcCB)	PCB-200 (2,2',3,3',4,5,6,6'-OcCB)	PCB-201 (2,2',3,3',4,5',6,6'-OcCB)	PCB-202 (2,2',3,3',5,5',6,6'-OcCB)	PCB-203 (2,2',3,4,4',5,5',6-OcCB)	PCB-204 (2,2',3,4,4',5,6,6'-OcCB)	PCB-205 (2,3,3',4,4',5,5',6-OcCB)	PCBs 198+199	PCB-206 (2,2',3,3',4,4',5,5',6-NoCB)	PCB-207 (2,2',3,3',4,4',5,6,6'-NoCB)	PCB-208 (2,2',3,3',4,5,5',6,6'-NoCB)
DU-1	M-161D-0.5-20141203	0.00032 1	0.00016 1	0.00082 1	0.0006 1	--	--	0.00026 1	0.00071 1	0.00022 1	0.0004 1	0.00047 1	0.00037 1	0.00093 1	0.0029 1	0.0043 1	0.0026 1
	M-162D-0.5-20141209	0.0012 1	0.00055 1	0.0022 1	0.0015 1	--	--	0.00051 1	0.0017 1	0.00055 1	0.001 1	0.0011 1	0.0011 1	0.0025 1	0.0091 1	0.013 1	0.0077 1
	RISB-09-0.5-20141211	0.00016 1	0.000061 1	0.00022 1	0.00013 1	--	--	0.000063 1	0.00016 1	0.000061 1	0.00013 1	0.000092 1	0.000074 1	0.00028 1	0.00078 1	0.0011 1	0.00066 1
	RISB-10-0.5-20141215	0.00022 1	0.000096 1	0.00043 1	0.00029 1	--	--	0.00014 1	0.00036 1	0.00015 1	0.00022 1	0.00022 1	0.00016 1	0.00052 1	0.0017 1	0.0025 1	0.0015 1
	RISB-11-0.5-20141217	0.000026 1	0.000013 1	0.000066 1	0.000045 1	--	--	0.000026 1	0.000058 1	0.000018 1	0.000033 1	0.000038 1	0.000029 1	0.000077 1	0.00025 1	0.00037 1	0.00023 1
	RISB-12-0.5-20141215	0.018 1	0.0068 1	0.0094 1	0.001 1	--	--	0.0021 1	0.0022 1	0.0019 1	0.0099 1	0.00046 1	0.0014 1	0.015 1	0.0063 1	0.0056 1	0.0035 1
	RISB-13-0.5-20141217	0.000097 1	0.000033 1	0.00012 1	0.000071 1	--	--	0.000037 1	0.000089 1	0.000036 1	0.000077 1	0.000052 1	0.000046 1	0.00016 1	0.00041 1	0.00057 1	0.00037 1
	RISB-14-0.5-20141216	0.0049 1	0.0022 1	0.0073 1	0.0045 1	--	--	0.0023 1	0.0053 1	0.0019 1	0.0042 1	0.0036 1	0.0026 1	0.0086 1	0.023 1	0.032 1	0.019 1
	RISB-39-0.5-20141121	0.00083 1	0.00038 1	0.002 1	0.0014 1	--	--	0.00064 1	0.0017 1	0.00054 1	0.00099 1	0.0011 1	0.0009 1	0.0023 1	0.0081 1	0.012 1	0.0074 1
	RISB-40-0.5-20141121	0.0017 1	0.00074 1	0.004 1	0.003 1	--	--	0.0014 1	0.0035 1	0.0011 1	0.002 1	0.0023 1	0.0019 1	0.0046 1	0.015 1	0.022 1	0.014 1
	RISB-41-0.5-20141121	0.000073 1	0.000032 1	0.00016 1	0.00012 1	--	--	0.000053 1	0.00014 1	0.000046 1	0.000082 1	0.000089 1	0.000082 1	0.00019 1	0.00062 1	0.00092 1	0.00056 1
	RISB-41-0.5-20141121-FD	0.000064 1	0.000028 1	0.00014 1	0.000098 1	--	--	0.000045 1	0.00012 1	0.00004 1	0.000071 1	0.000071 1	0.000064 1	0.00016 1	0.00053 1	0.00078 1	0.00048 1
	RISB-47-0.5-20141120	0.00026 1	0.00012 1	0.00064 1	0.00048 1	--	--	0.00021 1	0.00056 1	0.00018 1	0.00032 1	0.00037 1	0.00028 1	0.00075 1	0.0024 1	0.0036 1	0.0023 1
	RISB-48-0.5-20141120	0.00009 1	0.000037 1	0.00019 1	0.00013 1	--	--	0.000064 1	0.00015 1	0.00005 1	0.0001 1	0.000098 1	0.000087 1	0.00022 1	0.00076 1	0.001 1	0.00067 1
	RIT-1-01-20141111	0.00019 1	0.000071 1	0.00016 1	0.000066 1	--	--	0.000039 1	0.000079 1	0.00004 1	0.00012 1	0.000049 1	0.000053 1	0.00022 1	0.00033 1	0.00042 1	0.00026 1
	RIT-1-02-20141111	0.0047 1	0.0017 1	0.0024 1	0.00017 1	--	--	0.00057 1	0.0005 1	0.00055 1	0.0028 1	0.00004 1	0.00031 1	0.0042 1	0.0012 1	0.00058 1	0.00043 1
	RIT-1-03-20141112	0.0075 1	0.0028 1	0.0055 1	0.002 1	--	--	0.0013 1	0.0024 1	0.0012 1	0.0046 1	0.0014 1	0.0018 1	0.0078 1	0.0087 1	0.012 1	0.0069 1
	RIT-1-04-20141112	0.013 1	0.0053 1	0.008 1	0.00073 1	--	--	0.002 1	0.0019 1	0.0017 1	0.0088 1	0.00029 1	0.001 1	0.013 1	0.004 1	0.003 1	0.0018 1
	RIT-1-05-20141112	0.0019 1	0.00079 1	0.0011 1	0.00015 1	--	--	0.00019 1	0.00026 1	0.0002 1	0.0012 1	0.000059 1	0.00017 1	0.0016 1	0.00067 1	0.00072 1	0.00047 1
	RIT-2-01-20141112	0.00025 1	0.0001 1	0.00024 1	0.00012 1	--	--	0.000073 1	0.00016 1	0.000061 1	0.00018 1	0.000099 1	0.000077 1	0.00033 1	0.00046 1	0.00073 1	0.00042 1
	RIT-2-02-20141112	0.00041 1	0.00022 1	0.00097 1	0.00082 1	--	--	0.00036 1	0.00093 1	0.00028 1	0.00051 1	0.00067 1	0.00043 1	0.0012 1	0.0032 1	0.0052 1	0.0028 1
	RIT-2-03-20141112	0.0012 1	0.00059 1	0.0023 1	0.0016 1	--	--	0.0007 1	0.0019 1	0.0006 1	0.0012 1	0.0013 1	0.0012 1	0.0027 1	0.0072 1	0.011 1	0.0062 1
	RIT-2-03-20141112-FD	0.0017 1	0.00083 1	0.0033 1	0.0022 1	--	--	0.0011 1	0.0026 1	0.00083 1	0.0018 1	0.0019 1	0.0019 1	0.004 1	0.011 1	0.016 1	0.0094 1
	RIT-2-04-20141113	0.00008 1	0.000031 1	0.000066 1	0.000021 1	--	--	0.000016 1	0.000028 1	0.000015 1	0.000055 1	0.000014 1	0.000015 1	0.00009 1	0.00011 1	0.00014 1	0.000088 1
	RIT-2-05-20141113	0.000018 1	0.000009 1	0.000013 1	0.0000036 1	--	--	0.0000033 1	0.0000064 1	0.0000037 1	0.000014 1	0.0000023 1	0.0000026 1	0.00002 1	0.00002 1	0.000027 1	0.000017 1
	RIT-3-01-20141113	0.00000094 1	0.000000125 0	0.00000077 1	0.000000055 0	--	--	0.000000075 0	0.0000005 1	0.00000046 1	0.00000085 1	0.000000065 0	0.000000125 0	0.0000017 1	0.0000018 1	0.0000018 1	0.00000091 1
	RIT-3-02-20141113	0.000046 1	0.000014 1	0.000027 1	0.0000044 1	--	--	0.0000069 1	0.0000095 1	0.000012 1	0.000039 1	0.0000019 1	0.0000037 1	0.000062 1	0.000073 1	0.000026 1	0.000032 1
	RIT-3-03-20141113	0.00016 1	0.000054 1	0.00011 1	0.000033 1	--	--	0.000025 1	0.000042 1	0.000019 1	0.000095 1	0.000017 1	0.000021 1	0.00014 1	0.0002 1	0.00028 1	0.00016 1
	RIT-3-03-20141113-FD	0.00032 1	0.0001 1	0.00025 1	0.000054 1	--	--	0.000036 1	0.000071 1	0.000038 1	0.00022 1	0.000029 1	0.000038 1	0.00028 1	0.0003 1	0.00041 1	0.00022 1
	RIT-3-04-20141113	0.00038 1	0.00015 1	0.00024 1	0.000024 1	--	--	0.000066 1	0.000075 1	0.000071 1	0.00026 1	0.0000066 1	0.000027 1	0.00041 1	0.00017 1	0.000074 1	0.000084 1
	RIT-3-05-20141113	0.00034 1	0.00012 1	0.00027 1	0.000087 1	--	--	0.000063 1	0.00012 1	0.000063 1	0.00022 1	0.000059 1	0.000062 1	0.00037 1	0.00048 1	0.00058 1	0.00039 1
	RSAM8-0.5B	0.0000278 1	0.0000105 1	0.0000303 1	0.000014 1	--	--	0.00000947 1	0.0000212 1	0.0000167 1	0.0000287 1	0.00000947 1	0.00000761 1	0.0000587 1	0.0000932 1	0.000122 1	0.0000744 1
	RSAO2-0.5B	0.000103 1	0.0000351 1	0.0000761 1	0.0000163 1	--	--	0.0000262 1	0.000042 1	0.000122 1	0.000188 1	0.000011 1	0.0000102 1	0.000312 1	0.000343 1	0.000158 1	0.000209 1
	SA166-0.5B	0.000117 1	0.0000568 1	0.000113 1	0.0000493 1	--	--	0.0000345 1	0.0000745 1	0.0000616 1	0.000111 1	0.0000211 1	0.0000149 1	0.000206 1	0.000196 1	0.00029 1	0.000158 1
	SA180-0.5B	0.00083 1	0.000319 1	0.000606 1	0.00017 1	--	--	0.000137 1	0.000246 1	0.00019 1	0.000624 1	0.0000856 1	0.000102 1	0.00104 1	0.000961 1	0.00108 1	0.000646 1
DU-2	RSAU5-0.5B	0.000062 1	0.0000332 1	0.000126 1	0.000114 1	--	--	0.0000394 1	0.0000113 1	0.000029 1	0.0000823 1	0.0000683 1	0.0000436 1	0.00016 1	0.00035 1	0.000489 1	0.000287 1
DU-3	SA128-10B	0.000011 1	0.0000036 1	0.000016 1	0.0000105 0	0.0000105 0	0.000012 1	0.0000105 0	0.0000105 0	0.0000105 0	0.000016 1	0.0000105 0	0.0000105 0	--	0.0000054 1	0.0000105 0	0.0000105 0
Parcel E	RISB-EJ-01-1.0-20180926	0.00000073 1	0.00000053 1	0.0000015 1	0.0000011 1	--	--	0.00000043 1	0.0000013 1	0.000001 1	0.00000087 1	0.00000069 1	0.00000054 1	0.000002 1	0.0000063 1	0.0000086 1	0.000007 1
	RISB-EJ-02-1.0-20180924	0.00003 1	0.00003 1	0.00006 1	0.000049 1	--	--	0.000019 1	0.000057 1	0.000027 1	0.000028 1	0.00003 1	0.000025 1	0.000077 1	0.00025 1	0.00037 1	0.00027 1
	RISB-EJ-03-1.0-20180925	0.0000082 1	0.0000034 1	0.000013 1	0.000011 1	--	--	0.0000037 1	0.000012 1	0.0000068 1	0.000007 1	0.0000061 1	0.0000064 1	0.000017 1	0.000064 1	0.000087 1	0.000064 1
	RISB-EJ-03-1.0-20180925-FD	0.000017 1	0.0000071 1	0.000027 1	0.000021 1	--	--	0.0000064 1	0.000024 1	0.000013 1	0.000014 1	0.000012 1	0.000011 1	0.000034 1	0.00012 1	0.00016 1	0.00012 1
	RISB-EJ-04-1.0-20180925	0.0001 1	0.000044 1	0.00018 1	0.00014 1	--	--	0.000052 1	0.00017 1	0.000093 1	0.000091 1	0.000086 1	0.000076 1	0.00023 1	0.00086 1	0.0012 1	0.00086 1
	RISB-ER-01-1.0-20180925	0.0000035 1	0.0000012 1	0.0000064 1	0.0000053 1	--	--	0.0000024 1	0.0000065 1	0.0000034 1	0.0000037 1	0.0000034 1	0.0000024 1	0.0000086 1	0.000028 1	0.000037 1	0.000029 1
	RISB-ER-02-1.0-20180924	0.000011 1	0.0000094 1	0.000018 1	0.000014 1	--	--	0.000005 1	0.000017 1	0.0000073 1	0.0000091 1	0.0000074 1	0.0000077 1	0.000023 1	0.000089 1	0.00012 1	0.000087 1
	RISB-ER-03-1.0-20180925	0.0000037 1	0.0000016 1	0.0000073 1	0.0000066 1	--	--	0.0000027 1	0.0000082 1	0.0000039 1	0.0000038 1	0.0000043 1	0.0000031 1	0.0000095 1	0.000032 1	0.000048 1	0.000033 1

Table D-4: Operations Area and Parcel E PCB Homolog Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Eco DU	Sample Name	Decachlorobiphenyl	Calculated Homolog and Total PCB Concentrations										
		PCB-209 (DeCB)	Monochlorobiphenyl (Ramboll Calculated ND=0.5 DL)	Dichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	Trichlorobiphenyl (Ramboll Calculated ND=0.5 DL)	Tetrachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	Pentachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	Hexachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	Heptachlorobiphenyl (Ramboll Calculated ND=0.5DL)	Octachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	Nonachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	Decachlorobiphenyl (Ramboll Calculated ND=0.5 DL)	Ramboll Calculated Total PCBs (ND=0.5DL)
DU-1	M-161D-0.5-20141203	0.035 1	0.000075 1	0.0003253 1	0.0002731 1	0.000721 1	0.001791 1	0.002683 1	0.003561 1	0.00526 1	0.0098 1	0.035 1	0.0594893 1
	M-162D-0.5-20141209	0.1 1	0.000233 1	0.0009875 1	0.0006829 1	0.0019898 1	0.0051036 1	0.006903 1	0.009284 1	0.01391 1	0.0298 1	0.1 1	0.1688938 1
	RISB-09-0.5-20141211	0.0081 1	0.0000273 1	0.0001225 1	9.992E-05 1	0.000312 1	0.0008198 1	0.0014432 1	0.0017112 1	0.001431 1	0.00254 1	0.0081 1	0.0166069 1
	RISB-10-0.5-20141215	0.019 1	1.405E-05 1	0.0001295 0	0.0001183 1	0.0002562 1	0.0008513 1	0.0013821 1	0.002048 1	0.002806 1	0.0057 1	0.019 1	0.0323054 1
	RISB-11-0.5-20141217	0.003 1	2.45E-06 0	0.0001075 0	0.0000468 1	5.992E-05 1	0.0000999 1	0.0001868 1	0.000265 1	0.000429 1	0.00085 1	0.003 1	0.0050474 1
	RISB-12-0.5-20141215	0.044 1	0.000193 1	0.0007115 1	0.0027093 1	0.0104316 1	0.0622789 1	0.32505 1	0.330126 1	0.06816 1	0.0154 1	0.044 1	0.8590603 1
	RISB-13-0.5-20141217	0.006 1	0.0000305 1	0.000111 0	0.0001558 1	0.0003634 1	0.0009323 1	0.0013508 1	0.0012111 1	0.000818 1	0.00135 1	0.006 1	0.0123229 1
	RISB-14-0.5-20141216	0.26 1	0.000567 1	0.002525 1	0.003113 1	0.0085715 1	0.020249 1	0.066625 1	0.07222 1	0.0474 1	0.074 1	0.26 1	0.5552705 1
	RISB-39-0.5-20141121	0.099 1	0.000256 1	0.0005825 1	0.0007399 1	0.0018795 1	0.0034135 1	0.0060815 1	0.00864 1	0.01278 1	0.0275 1	0.099 1	0.1608729 1
	RISB-40-0.5-20141121	0.19 1	0.00057 1	0.00172 1	0.001777 1	0.004619 1	0.0085475 1	0.013216 1	0.01911 1	0.02624 1	0.051 1	0.19 1	0.3167995 1
	RISB-41-0.5-20141121	0.0078 1	0.0000287 1	0.0000712 1	6.664E-05 1	0.0001748 1	0.0003631 1	0.000563 1	0.0008088 1	0.001067 1	0.0021 1	0.0078 1	0.0130432 1
	RISB-41-0.5-20141121-FD	0.0067 1	0.0000169 1	0.0000575 1	4.943E-05 1	0.0001368 1	0.0002911 1	0.0004929 1	0.0006929 1	0.000901 1	0.00179 1	0.0067 1	0.0111285 1
	RISB-47-0.5-20141120	0.029 1	0.000061 1	0.000208 1	0.0001851 1	0.00052 1	0.0013665 1	0.0022341 1	0.00281 1	0.00417 1	0.0083 1	0.029 1	0.0488547 1
	RISB-48-0.5-20141120	0.0091 1	0.000071 1	0.0000699 1	4.632E-05 1	0.0001156 1	0.0003309 1	0.0005714 1	0.0008423 1	0.001216 1	0.00243 1	0.0091 1	0.0147934 1
	RIT-1-01-20141111	0.0036 1	0.0000063 1	0.0000603 1	0.0001647 1	0.000554 1	0.0009059 1	0.0026772 1	0.0030603 1	0.001087 1	0.00101 1	0.0036 1	0.0131256 1
	RIT-1-02-20141111	0.0067 1	0.000087 1	0.0002033 1	0.0002885 1	0.0008811 1	0.0076097 1	0.0635205 1	0.0788056 1	0.01794 1	0.00221 1	0.0067 1	0.1782456 1
	RIT-1-03-20141112	0.087 1	0.000097 1	0.0011226 1	0.002342 1	0.0061993 1	0.018147 1	0.089455 1	0.11819 1	0.0383 1	0.0276 1	0.087 1	0.3884529 1
	RIT-1-04-20141112	0.021 1	0.000065 1	0.0003189 1	0.0005996 1	0.0028223 1	0.0320667 1	0.2615605 1	0.27275 1	0.05572 1	0.0088 1	0.021 1	0.6557031 1
	RIT-1-05-20141112	0.0055 1	0.0000308 1	0.0010602 1	0.0055446 1	0.0070443 1	0.0072688 1	0.0369415 1	0.0377547 1	0.007619 1	0.00186 1	0.0055 1	0.1106238 1
	RIT-2-01-20141112	0.0059 1	0.0000698 1	8.165E-05 1	6.824E-05 1	0.0003947 1	0.0013065 1	0.0042723 1	0.004467 1	0.00169 1	0.00161 1	0.0059 1	0.0198601 1
	RIT-2-02-20141112	0.041 1	0.000063 1	0.0002513 1	0.0002288 1	0.0008321 1	0.0023685 1	0.005115 1	0.00649 1	0.0068 1	0.0112 1	0.041 1	0.0743486 1
	RIT-2-03-20141112	0.084 1	0.000274 1	0.000913 1	0.0006989 1	0.0025702 1	0.0065635 1	0.0134295 1	0.01698 1	0.01529 1	0.0244 1	0.084 1	0.1651191 1
	RIT-2-03-20141112-FD	0.13 1	0.00039 1	0.001476 1	0.0010715 1	0.0037549 1	0.0084975 1	0.0158355 1	0.02113 1	0.02216 1	0.0364 1	0.13 1	0.2407154 1
	RIT-2-04-20141113	0.0012 1	0.000101 1	0.000143 1	0.0001321 1	0.0007769 1	0.0023259 1	0.0022834 1	0.0014196 1	0.000431 1	0.000338 1	0.0012 1	0.0091509 1
	RIT-2-05-20141113	0.00023 1	1.178E-05 1	0.0000944 1	5.027E-05 1	0.0001509 1	0.0003832 1	0.0004314 1	0.0003404 1	0.0000959 1	0.000064 1	0.00023 1	0.0018522 1
	RIT-3-01-20141113	0.00002 1	8.95E-07 1	0.0000151 0	9.19E-06 1	1.652E-05 1	5.378E-05 1	0.0001187 1	5.134E-05 1	5.665E-06 1	4.51E-06 1	0.00002 1	0.0002957 1
	RIT-3-02-20141113	0.00024 1	0.0000076 1	0.0000321 1	1.965E-05 1	0.0001484 1	0.0008393 1	0.0010247 1	0.0006306 1	0.0002264 1	0.000131 1	0.00024 1	0.0032998 1
	RIT-3-03-20141113	0.0024 1	0.0000108 1	0.000128 0	3.995E-05 1	0.0001139 1	0.0003539 1	0.0014711 1	0.0018703 1	0.000716 1	0.00064 1	0.0024 1	0.0077438 1
	RIT-3-03-20141113-FD	0.0032 1	0.0000101 1	0.000109 1	6.725E-05 1	0.0001811 1	0.0007894 1	0.0045101 1	0.0048618 1	0.001436 1	0.00093 1	0.0032 1	0.0160948 1
	RIT-3-04-20141113	0.0006 1	0.0000204 1	0.0000876 1	6.738E-05 1	0.0001115 1	0.0015648 1	0.0094748 1	0.0103154 1	0.0017096 1	0.000328 1	0.0006 1	0.0242793 1
	RIT-3-05-20141113	0.006 1	0.00006 1	0.0001795 1	0.0001648 1	0.0005037 1	0.0014869 1	0.0045734 1	0.0050251 1	0.001774 1	0.00145 1	0.006 1	0.0212173 1
	RSAM8-0.5B	0.000906 1	1.844E-05 1	0.000653 1	0.0003011 1	0.0007404 1	0.0046562 1	0.0049297 1	0.0009202 1	0.0002345 1	0.0002896 1	0.000906 1	0.013649 1
	RSAO2-0.5B	0.00132 1	0.0000244 0	0.0005339 1	0.0002439 1	0.0004237 1	0.001049 1	0.0012474 1	0.0008728 1	0.0009419 1	0.00071 1	0.00132 1	0.007367 1
	SA166-0.5B	0.00224 1	0.0000032 0	0.0003637 1	0.0001649 1	0.0005985 1	0.0023996 1	0.0046066 1	0.0027613 1	0.0008597 1	0.000644 1	0.00224 1	0.0146415 1
	SA180-0.5B	0.00828 1	0.0002963 1	0.0017594 1	0.0013622 1	0.0115397 1	0.0478521 1	0.0387397 1	0.011663 1	0.0043496 1	0.002687 1	0.00828 1	0.1285289 1
DU-2	RSAU5-0.5B	0.0036 1	1.428E-05 1	0.0007594 1	0.0002913 1	0.0002618 1	0.0012995 1	0.0008023 1	0.0006226 1	0.0008708 1	0.001126 1	0.0036 1	0.009648 1
DU-3	SA128-10B	0.000028 1	0.0000198 1	0.000126 0	0.0004015 1	0.0011157 1	0.0006169 1	0.0008781 1	0.0003731 1	0.0001321 1	0.0000264 1	0.000028 1	0.0037175 1
Parcel E	RISB-EJ-01-1.0-20180926	0.000065 1	5.45E-07 1	0.0000093 1	2.96E-06 1	5.705E-06 1	6.89E-06 0	7.742E-06 1	9.488E-06 1	1.069E-05 1	0.0000219 1	0.000065 1	0.0001402 1
	RISB-EJ-02-1.0-20180924	0.0026 1	0.0000082 1	3.097E-05 1	2.93E-05 1	6.382E-05 1	0.000175 1	0.0002724 1	0.0003194 1	0.000432 1	0.00089 1	0.0026 1	0.0048211 1
	RISB-EJ-03-1.0-20180925	0.00072 1	3.51E-06 1	1.314E-05 1	1.409E-05 1	2.323E-05 1	0.0000564 1	7.582E-05 1	8.248E-05 1	0.0000946 1	0.000215 1	0.00072 1	0.0012983 1
	RISB-EJ-03-1.0-20180925-FD	0.0013 1	0.000204 1	0.0002156 1	4.835E-05 1	8.766E-05 1	0.0003431 1	0.000278 1	0.0001735 1	0.0001865 1	0.0004 1	0.0013 1	0.0032366 1
	RISB-EJ-04-1.0-20180925	0.0089 1	0.000034 1	0.0001232 1	8.581E-05 1	0.0001884 1	0.000543 1	0.0008009 1	0.0009405 1	0.001262 1	0.00292 1	0.0089 1	0.0157977 1
	RISB-ER-01-1.0-20180925	0.00029 1	0.0000123 1	3.383E-05 1	3.217E-05 1	2.686E-05 1	4.043E-05 1	4.364E-05 1	4.204E-05 1	0.0000468 1	0.000094 1	0.00029 1	0.0006621 1
	RISB-ER-02-1.0-20180924	0.00098 1	0.0000063 1	1.045E-05 0	1.275E-05 1	1.883E-05 1	5.129E-05 1	0.0000735 1	8.824E-05 1	0.0001289 1	0.000296 1	0.00098 1	0.0016663 1
	RISB-ER-03-1.0-20180925	0.00034 1	0.0000025 1	9.565E-06 1	8.321E-06 1	1.5E-05 1	2.603E-05 1	3.604E-05 1	4.082E-05 1	0.0000547 1	0.000113 1	0.00034 1	0.000646 1

Notes:
Units are mg/kg
Operations area consists of Eco DU-1, Eco DU-2 and Eco DU-2.
Non-detected PCB congeners presented as 1/2 sample quantitation limit
Detections are presented as 1 (detected concentration) or 0 (nondetected concentration).

-- = Congener not analyzed
CB = Chlorobiphenyls
DeCB = Decachlorobiphenyls
DiCB = Dichlorobiphenyls
DU = Decision Unit
HpCB = Heptachlorobiphenyls
HxCB = Hexachlorobiphenyls
mg/kg = Milligrams per kilogram
ND = Not detected
NoCB = Nonachlorobiphenyls
OcCB = Octachlorobiphenyls
OU-1 = Operable Unit 1
PCB = Polychlorinated biphenyl
PeCB = Pentachlorobiphenyls
REH = Ramboll Environment and Health
TeCB = Tetrachlorobiphenyls
TPCB = Total polychlorinated biphenyls
TrCB = Trichlorobiphenyls

APPENDIX D-5
OPERATIONS AREA AND PARCEL E AROCLOR CALCULATIONS

Table D-5 Operations Area and Parcel E Aroclor Calculations

Table D-5: Operations Area and Parcel E Aroclor Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	Percent Homolog Composition				DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1
	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1254	M-161D-0.5-20141203	M-162D-0.5-20141209	RISB-09-0.5-20141211	RISB-10-0.5-20141215	RISB-11-0.5-20141217	RISB-12-0.5-20141215	RISB-13-0.5-20141217	RISB-14-0.5-20141216	RISB-39-0.5-20141121	RISB-40-0.5-20141121	RISB-41-0.5-20141121	RISB-41-0.5-20141121-FD
Monochlorobiphenyl	1%	0%	0%	0%	0.000075 1	0.000233 1	0.0000273 1	0.00001405 1	0.00000245 0	0.000193 1	0.0000305 1	0.000567 1	0.000256 1	0.00057 1	0.0000287 1	0.0000169 1
Dichlorobiphenyl	13%	1%	0%	0%	0.00032525 1	0.0009875 1	0.0001225 1	0.0001295 0	0.0001075 0	0.0007115 1	0.000111 0	0.002525 1	0.0005825 1	0.00172 1	0.0000712 1	0.0000575 1
Trichlorobiphenyl	45%	21%	1%	0%	0.00027305 1	0.0006829 1	0.00009992 1	0.00011825 1	0.0000468 1	0.0027093 1	0.0001558 1	0.003113 1	0.00073985 1	0.001777 1	0.00006664 1	0.00004943 1
Tetrachlorobiphenyl	31%	49%	15%	0%	0.00072096 1	0.001989775 1	0.00031201 1	0.0002562 1	0.000059915 1	0.01043155 1	0.0003634 1	0.0085715 1	0.0018795 1	0.004619 1	0.000174765 1	0.00013683 1
Pentachlorobiphenyl	10%	27%	54%	12%	0.001791 1	0.0051036 1	0.00081984 1	0.00085131 1	0.0000999 1	0.0622789 1	0.0009323 1	0.020249 1	0.0034135 1	0.0085475 1	0.00036305 1	0.00029108 1
Hexachlorobiphenyl	0%	2%	26%	42%	0.002683 1	0.006903 1	0.00144315 1	0.0013821 1	0.0001868 1	0.32505 1	0.00135075 1	0.066625 1	0.0060815 1	0.013216 1	0.000563 1	0.00049285 1
Heptachlorobiphenyl	0%	0%	4%	38%	0.003561 1	0.009284 1	0.0017112 1	0.002048 1	0.000265 1	0.330126 1	0.0012111 1	0.07222 1	0.00864 1	0.01911 1	0.0008088 1	0.0006929 1
Octachlorobiphenyl	0%	0%	0%	7%	0.00526 1	0.01391 1	0.001431 1	0.002806 1	0.000429 1	0.06816 1	0.000818 1	0.0474 1	0.01278 1	0.02624 1	0.001067 1	0.000901 1
Nonachlorobiphenyl	0%	0%	0%	1%	0.0098 1	0.0298 1	0.00254 1	0.0057 1	0.00085 1	0.0154 1	0.00135 1	0.074 1	0.0275 1	0.051 1	0.0021 1	0.00179 1
Decachlorobiphenyl	0%	0%	0%	0%	0.035 1	0.1 1	0.0081 1	0.019 1	0.003 1	0.044 1	0.006 1	0.26 1	0.099 1	0.19 1	0.0078 1	0.0067 1
Aroclor-1242 (Ramboll ND=0.5DL)	--	--	--	--	0.000568503 1	0.0015652 1	0.000239869 1	0.000234741 1	6.36232E-05 1	0.010775281 1	0.000290729 1	0.006416835 1	0.001335213 1	0.00331559 1	0.000130013 1	0.000101413 1
Aroclor-1248 (Ramboll ND=0.5DL)	--	--	--	--	0.000951093 1	0.002644306 1	0.000425313 1	0.000409161 1	7.09704E-05 1	0.029003831 1	0.00049063 1	0.011678745 1	0.002125424 1	0.005225825 1	0.000209625 1	0.000166451 1
Aroclor-1254 (Ramboll ND=0.5DL)	--	--	--	--	0.001919318 1	0.00522863 1	0.000935336 1	0.000941488 1	0.000122798 1	0.133654225 1	0.00095942 1	0.032585985 1	0.004065928 1	0.009536722 1	0.00040205 1	0.000334493 1
Aroclor-1260 (Ramboll ND=0.5DL)	--	--	--	--	0.00316116 1	0.008311312 1	0.00148033 1	0.001714299 1	0.000229674 1	0.274367548 1	0.001210169 1	0.06191398 1	0.00741665 1	0.01618502 1	0.00068306 1	0.000586199 1

Chemical Name	Percent Homolog Composition				DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1
	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1254	RISB-47-0.5-20141120	RISB-48-0.5-20141120	RIT-1-01-20141111	RIT-1-02-20141111	RIT-1-03-20141112	RIT-1-04-20141112	RIT-1-05-20141112	RIT-2-01-20141112	RIT-2-02-20141112	RIT-2-03-20141112	RIT-2-03-20141112-FD	RIT-2-04-20141113
Monochlorobiphenyl	1%	0%	0%	0%	0.000061 1	0.000071 1	0.0000063 1	0.000087 1	0.000097 1	0.000065 1	0.0000308 1	0.0000698 1	0.000063 1	0.000274 1	0.00039 1	0.000101 1
Dichlorobiphenyl	13%	1%	0%	0%	0.000208 1	0.0000699 1	0.0000603 1	0.00020325 1	0.00112255 1	0.0003189 1	0.0010602 1	0.00008165 1	0.00025125 1	0.000913 1	0.00147595 1	0.000143 1
Trichlorobiphenyl	45%	21%	1%	0%	0.000185145 1	0.00004632 1	0.00016467 1	0.0002885 1	0.002342 1	0.000599615 1	0.0055446 1	0.000068235 1	0.00022875 1	0.00069885 1	0.0010715 1	0.000132115 1
Tetrachlorobiphenyl	31%	49%	15%	0%	0.000519995 1	0.000115585 1	0.00055402 1	0.00088112 1	0.0061993 1	0.002822345 1	0.0070443 1	0.0003947 1	0.0008321 1	0.0025702 1	0.0037549 1	0.000776915 1
Pentachlorobiphenyl	10%	27%	54%	12%	0.0013665 1	0.00033088 1	0.00090585 1	0.00760968 1	0.018147 1	0.0320667 1	0.00726877 1	0.00130645 1	0.0023685 1	0.0065635 1	0.0084975 1	0.00232589 1
Hexachlorobiphenyl	0%	2%	26%	42%	0.0022341 1	0.0005714 1	0.00267715 1	0.0635205 1	0.089455 1	0.2615605 1	0.0369415 1	0.0042723 1	0.005115 1	0.0134295 1	0.0158355 1	0.0022834 1
Heptachlorobiphenyl	0%	0%	4%	38%	0.00281 1	0.0008423 1	0.0030603 1	0.07880555 1	0.11819 1	0.27275 1	0.03775465 1	0.004467 1	0.00649 1	0.01698 1	0.02113 1	0.0014196 1
Octachlorobiphenyl	0%	0%	0%	7%	0.00417 1	0.001216 1	0.001087 1	0.01794 1	0.0383 1	0.05572 1	0.007619 1	0.00169 1	0.0068 1	0.01529 1	0.02216 1	0.000431 1
Nonachlorobiphenyl	0%	0%	0%	1%	0.0083 1	0.00243 1	0.00101 1	0.00221 1	0.0276 1	0.0088 1	0.00186 1	0.00161 1	0.0112 1	0.0244 1	0.0364 1	0.000338 1
Decachlorobiphenyl	0%	0%	0%	0%	0.029 1	0.0091 1	0.0036 1	0.0067 1	0.087 1	0.021 1	0.0055 1	0.0059 1	0.041 1	0.084 1	0.13 1	0.0012 1
Aroclor-1242 (Ramboll ND=0.5DL)	--	--	--	--	0.000408814 1	9.95604E-05 1	0.000344335 1	0.001191233 1	0.004937285 1	0.004393531 1	0.005543814 1	0.00029502 1	0.000631031 1	0.001889025 1	0.002691718 1	0.000552484 1
Aroclor-1248 (Ramboll ND=0.5DL)	--	--	--	--	0.000709395 1	0.000167828 1	0.000604776 1	0.00381939 1	0.010229493 1	0.015401276 1	0.007328073 1	0.000646736 1	0.001200074 1	0.003456022 1	0.004690711 1	0.001083521 1
Aroclor-1254 (Ramboll ND=0.5DL)	--	--	--	--	0.001512487 1	0.000379216 1	0.001397294 1	0.0240765 1	0.038946591 1	0.097313565 1	0.016241934 1	0.002062408 1	0.003001927 1	0.008123276 1	0.01014147 1	0.002021261 1
Aroclor-1260 (Ramboll ND=0.5DL)	--	--	--	--	0.002545002 1	0.000709188 1	0.002482209 1	0.058815781 1	0.08761794 1	0.221336814 1	0.031286379 1	0.003783 1	0.00548672 1	0.01419471 1	0.01761521 1	0.001811133 1

Chemical Name	Percent Homolog Composition				DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-2
	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1254	RIT-2-05-20141113	RIT-3-01-20141113	RIT-3-02-20141113	RIT-3-03-20141113	RIT-3-03-20141113-FD	RIT-3-04-20141113	RIT-3-05-20141113	RSAM8-0.5B	RSAO2-0.5B	SA166-0.5B	SA180-0.5B	RSAU5-0.5B
Monochlorobiphenyl	1%	0%	0%	0%	0.00001178 1	0.000000895 1	0.0000076 1	0.0000108 1	0.0000101 1	0.0000204 1	0.00006 1	0.00001844 1	0.0000244 0	0.0000032 0	0.0002963 1	0.00001428 1
Dichlorobiphenyl	13%	1%	0%	0%	0.0000944 1	0.0000151 0	0.0000321 1	0.000128 0	0.000109 1	0.0000876 1	0.00017945 1	0.000653035 1	0.00053385 1	0.000363655 1	0.001759355 1	0.000759375 1
Trichlorobiphenyl	45%	21%	1%	0%	0.000050265 1	0.00000919 1	0.000019645 1	0.00003995 1	0.00006725 1	0.000067375 1	0.00016483 1	0.000301081 1	0.000243935 1	0.000164864 1	0.00136215 1	0.000291292 1
Tetrachlorobiphenyl	31%	49%	15%	0%	0.000150925 1	0.000016524 1	0.000148406 1	0.000113855 1	0.00018114 1	0.000111495 1	0.00050369 1	0.000740366 1	0.000423745 1	0.000598508 1	0.011539725 1	0.000261787 1
Pentachlorobiphenyl	10%	27%	54%	12%	0.000383155 1	0.00005378 1	0.000839293 1	0.00035385 1	0.000789405 1	0.00156476 1	0.00148685 1	0.004656183 1	0.001049011 1	0.002399647 1	0.047852145 1	0.001299471 1
Hexachlorobiphenyl	0%	2%	26%	42%	0.00043143 1	0.000118655 1	0.00102469 1	0.0014711 1	0.0045101 1	0.00947475 1	0.00457335 1	0.004929675 1	0.00124742 1	0.004606639 1	0.03873969 1	0.000802345 1
Heptachlorobiphenyl	0%	0%	4%	38%	0.00034037 1	0.00005134 1	0.000630625 1	0.00187025 1	0.0048618 1	0.01031536 1	0.0050251 1	0.00092016 1	0.000872767 1	0.00276132 1	0.01166295 1	0.00062261 1
Octachlorobiphenyl	0%	0%	0%	7%	0.0000959 1	0.000005665 1	0.0002264 1	0.000716 1	0.001436 1	0.0017096 1	0.001774 1	0.00023445 1	0.0009419 1	0.0008597 1	0.0043496 1	0.0008708 1
Nonachlorobiphenyl	0%	0%	0%	1%	0.000064 1	0.00000451 1	0.000131 1	0.00064 1	0.00093 1	0.000328 1	0.00145 1	0.0002896 1	0.00071 1	0.000644 1	0.002687 1	0.001126 1
Decachlorobiphenyl	0%	0%	0%	0%	0.00023 1	0.00002 1	0.00024 1	0.0024 1	0.0032 1	0.0006 1	0.006 1	0.000906 1	0.00132 1	0.00224 1	0.00828 1	0.0036 1
Aroclor-1242 (Ramboll ND=0.5DL)	--	--	--	--	0.000120111 1	1.66079E-05 1	0.000143024 1	0.000105406 1	0.000179627 1	0.00023295 1	0.000402931 1	0.000915697 1	0.000415677 1	0.000546998 1	0.009207176 1	0.000441044 1
Aroclor-1248 (Ramboll ND=0.5DL)	--	--	--	--	0.000197533 1	2.70714E-05 1	0.000324268 1	0.00019042 1	0.000407312 1	0.000681638 1	0.000776133 1	0.0017883 1	0.000572381 1	0.001071564 1	0.019652983 1	0.000563945 1
Aroclor-1254 (Ramboll ND=0.5DL)	--	--	--	--	0.000355556 1	6.4624E-05 1	0.000766593 1	0.000669004 1	0.001831643 1	0.003760374 1	0.002278088 1	0.003939762 1	0.000991128 1	0.0026984 1	0.038025308 1	0.000974156 1
Aroclor-1260 (Ramboll ND=0.5DL)	--	--	--	--	0.000363873 1	7.62396E-05 1	0.00078788 1	0.001427539 1	0.003946275 1	0.008209955 1	0.004147447 1	0.002998174 1	0.001054482 1	0.003338667 1	0.02677619 1	0.000801729 1

Chemical Name	Percent Homolog Composition				DU-3	Parcel E	Parcel E	Parcel E	Parcel E	Parcel E	Parcel E	Parcel E	Parcel E
	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1254	SA128-10B	RISB-EJ-01-1.0-20180926	RISB-EJ-02-1.0-20180924	RISB-EJ-03-1.0-20180925	RISB-EJ-03-1.0-20180925-FD	RISB-EJ-04-1.0-20180925	RISB-ER-01-1.0-20180925	RISB-ER-02-1.0-20180924	RISB-ER-03-1.0-20180925
Monochlorobiphenyl	1%	0%	0%	0%	0.0000198 1	0.000000545 1	0.0000082 1	0.00000351 1	0.000204 1	0.000034 1	0.0000123 1	0.0000063 1	0.0000025 1
Dichlorobiphenyl	13%	1%	0%	0%	0.000126 0	0.0000093 1	0.00003097 1	0.000013135 1	0.00021556 1	0.00012315 1	0.000033825 1	0.00001045 0	0.000009565 1
Trichlorobiphenyl	45%	21%	1%	0%	0.0004015 1	0.00000296 1	2.93045E-05 1	0.000014093 1	0.000048345 1	0.00008581 1	0.000032165 1	0.000012749 1	0.000008321 1
Tetrachlorobiphenyl	31%	49%	15%	0%	0.0011157 1	0.000005705 1	0.000063823 1	0.000023226 1	8.76575E-05 1	0.000188365 1	0.000026857 1	1.88285E-05 1	0.000014996 1
Pentachlorobiphenyl	10%	27%	54%	12%	0.00061685 1	0.00000689 0	0.00017495 1	0.0000564 1	0.000343075 1	0.00054295 1	0.00004043 1	0.000051289 1	0.00002603 1
Hexachlorobiphenyl	0%	2%	26%	42%	0.00087805 1	7.7415E-06 1	0.00027241 1	0.00007582 1	0.00027796 1	0.0008009 1	0.000043635 1	0.0000735 1	0.000036035 1
Heptachlorobiphenyl	0%	0%	4%	38%	0.00037305 1	0.000009488 1	0.0003194 1	0.00008248 1	0.00017346 1	0.0009405 1	0.00004204 1	0.00008824 1	0.000040815 1
Octachlorobiphenyl	0%	0%	0%	7%	0.0001321 1	0.00001069 1	0.000432 1	0.0000946 1	0.0001865 1	0.001262 1	0.0000468 1	0.0001289 1	0.0000547 1
Nonachlorobiphenyl	0%	0%	0%	1%	0.0000264 1	0.0000219 1	0.00089 1	0.000215 1	0.0004 1	0.00292 1	0.000094 1	0.000296 1	0.000113 1
Decachlorobiphenyl	0%	0%	0%	0%	0.000028 1	0.000065 1	0.0026 1	0.00072 1	0.0013 1	0.0089 1	0.00029 1	0.00098 1	0.00034 1
Aroclor-1242 (Ramboll ND=0.5DL)	--	--	--	--	0.000604805 1	0.000005004 1	5.45753E-05 1	2.09246E-05 1	0.000113299 1	0.000167652 1	3.13632E-05 1	1.81243E-05 1	1.22647E-05 1
Aroclor-1248 (Ramboll ND=0.5DL)	--	--	--	--	0.000816379 1	5.52518E-06 1	9.04216E-05 1	3.1216E-05 1	0.00015345 1	0.000274165 1	3.20416E-05 1	2.73258E-05 1	1.69399E-05 1
Aroclor-1254 (Ramboll ND=0.5DL)	--	--	--	--	0.000749006 1	6.99935E-06 1	0.000188073 1	5.71002E-05 1	0.000277444 1	0.000568414 1	3.91968E-05 1	5.33076E-05 1	2.74043E-05 1
Aroclor-1260 (Ramboll ND=0.5DL)	--	--	--	--	0.000594073 1	8.65097E-06 1	0.000295918 1	7.87268E-05 1	0.000240882 1	0.000876462 1	4.33695E-05 1	8.25389E-05 1	0.000038727 1

Notes:
Units are mg/kg
Operations area consists of DU-1, DU-2 and DU-2.
Calculation of homolog concentrations presented in Table D-4a.
Non-detect homolog results presented as 1/2 the sample quantitation limit.
Percent homolog composition for commercial Aroclors are presented in Fuchsman et al. 2006, originally derived in DeVoogt and Brinkman 1989.
Aroclor concentrations calculated by multiplying the percent composition by the homolog concentration, followed by summation of the products.
Detections are presented as 1 (detected concentration) or 0 (nondetected concentration).

CASRN = Chemical Abstract Service Registration Number
DL = Detection limit
DU = Decision Unit
mg/kg = Milligrams per kilogram
ND = Not detected
PCB = Polychlorinated biphenyl

APPENDIX D-6
OPERATIONS AREA AND PARCEL E PAH CALCULATIONS

Table D-6 Operations Area and Parcel E PAH Calculations

Table D-6: Operations Area and Parcel E PAH Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Analyte	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1
		BDT-3-N-10-4BPC	BDT-3-N-10-4BPC_FD	BDT-3-N-5-2BPC	BDT-3-S-10-2BPC	BDT-3-S-5-2BPC	BDT-3-S-5-4BPC	CS-C10B-1	CS-DC-1	CS-E14C-1	DS-DB-1	DS-DB-2	EE-E14C-1	M-161D-0.5-20141203	M-162D-0.5-20141209
LMWPAH	1-Methylnaphthalene	-- --	-- --	-- --	-- --	-- --	-- --	0.0033 1	0.000245 0	0.0011 1	0.0011 1	0.00029 0	0.00014 0	0.075 0	0.075 0
	2-Methylnaphthalene	0.01 0	0.01 0	0.01 0	0.01 0	0.0105 0	0.01 0	0.0033 1	0.000235 0	0.0015 1	0.0013 1	0.000275 0	0.000165 0	0.0355 0	0.036 0
	Acenaphthene	0.0055 0	0.0055 0	0.0055 0	0.0055 0	0.0055 0	0.0055 0	0.00025 0	0.000255 0	0.000085 0	0.00028 0	0.000305 0	0.000085 0	0.002 0	0.00205 0
	Acenaphthylene	0.009 0	0.009 0	0.009 0	0.009 0	0.009 0	0.009 0	0.000175 0	0.00018 0	0.00009 0	0.000195 0	0.000215 0	0.00009 0	0.002 0	0.00205 0
	Anthracene	0.009 0	0.009 0	0.009 0	0.009 0	0.009 0	0.009 0	0.0016 1	0.00055 1	0.000385 0	0.000235 0	0.000255 0	0.000385 0	0.002 0	0.00205 0
	Fluorene	0.0095 0	0.0095 0	0.0095 0	0.0095 0	0.0095 0	0.0095 0	0.001 1	0.000265 0	0.00025 0	0.00029 0	0.000315 0	0.00025 0	0.002 0	0.00205 0
	Naphthalene	0.0165 0	0.0165 0	0.0165 0	0.016 0	0.017 0	0.0165 0	0.0013 1	0.000165 0	0.000175 0	0.0019 1	0.0002 0	0.000175 0	0.002 0	0.0067 1
	Phenanthrene	0.009 0	0.009 0	0.009 0	0.009 0	0.009 0	0.009 0	0.0096 1	0.0058 1	0.0006 0	0.0026 1	0.0019 1	0.0006 0	0.002 0	0.0051 1
HMWPAH	Benzo(a)anthracene	0.0105 0	0.0105 0	0.0105 0	0.0105 0	0.011 0	0.0105 0	0.018 1	0.0089 1	0.00048 0	0.00079 1	0.0016 1	0.00048 0	0.002 0	0.00205 0
	Benzo(a)pyrene	0.0105 0	0.0105 0	0.0105 0	0.0105 0	0.011 0	0.0105 0	0.01 1	0.0087 1	0.000395 0	0.00024 0	0.0015 1	0.000395 0	0.002 0	0.0043 1
	Benzo(b)fluoranthene	0.014 0	0.014 0	0.014 0	0.0135 0	0.014 0	0.014 0	0.014 1	0.012 1	0.00065 0	0.0013 1	0.0027 1	0.00065 0	0.002 0	0.011 1
	Benzo(g,h,i)perylene	0.0085 0	0.0085 0	0.0085 0	0.0085 0	0.0085 0	0.0085 0	0.011 1	0.0058 1	0.0006 0	0.0006 0	0.00065 0	0.0006 0	0.002 0	0.0056 1
	Benzo(k)fluoranthene	0.0215 0	0.021 0	0.0215 0	0.021 0	0.0215 0	0.021 0	0.0069 1	0.0089 1	0.00055 0	0.000455 0	0.0016 1	0.00055 0	0.002 0	0.00205 0
	Chrysene	0.0145 0	0.0145 0	0.0145 0	0.014 0	0.0145 0	0.0145 0	0.055 1	0.015 1	0.00055 0	0.0012 1	0.003 1	0.00055 0	0.002 0	0.012 1
	Dibenz(a,h)anthracene	0.01 0	0.01 0	0.01 0	0.01 0	0.0105 0	0.01 0	0.0033 1	0.00065 0	0.0007 0	0.0007 0	0.00075 0	0.0007 0	0.002 0	0.00205 0
	Fluoranthene	0.0195 0	0.019 0	0.0195 0	0.0185 0	0.0195 0	0.019 0	0.014 1	0.015 1	0.00055 0	0.0022 1	0.0031 1	0.00055 0	0.002 0	0.012 1
	Indeno(1,2,3-cd)pyrene	0.012 0	0.0115 0	0.012 0	0.0115 0	0.012 0	0.0115 0	0.005 1	0.0051 1	0.0006 0	0.000285 0	0.0012 1	0.0006 0	0.002 0	0.0063 1
	Pyrene	0.0065 0	0.0065 0	0.0065 0	0.0065 0	0.0065 0	0.0065 0	0.054 1	0.019 1	0.0006 0	0.0017 1	0.003 1	0.0006 0	0.002 0	0.0093 1
LMWPAH	Ramboll Calculated LMW PAHs (ND=0.5DL)	0.0685 0	0.0685 0	0.0685 0	0.068 0	0.0695 0	0.0685 0	0.020525 1	0.007695 1	0.004185 1	0.0079 1	0.003755 1	0.00189 0	0.1225 0	0.131 1
HMWPAH	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.1275 0	0.126 0	0.1275 0	0.1245 0	0.129 0	0.126 0	0.1912 1	0.09905 1	0.005675 0	0.00947 1	0.0191 1	0.005675 0	0.02 0	0.06665 1
TPAH	Ramboll Calculated Total PAHs (ND=0.5DL)	0.196 0	0.1945 0	0.196 0	0.1925 0	0.1985 0	0.1945 0	0.211725 1	0.106745 1	0.00986 1	0.01737 1	0.022855 1	0.007565 0	0.1425 0	0.19765 1

Notes:
Units are mg/kg.
Operations area consists of DU-1, DU-2 and DU-2.
Non-detect results for individual PAHs presented as 1/2 the sample quantitation limit.
Detections are presented as 1 (detected concentration) or 0 (nondetected concentration).

-- = Not analyzed
DL = Detection limit
DU = Decision Unit
HMW = High molecular weight
LMW = Low molecular weight
mg/kg = Milligrams per kilogram
ND = Not detected
PAH = Polycyclic aromatic hydrocarbon
TPAH = Total polycyclic aromatic hydrocarbon

Table D-6: Operations Area and Parcel E PAH Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Analyte	DU-1 RIDB-1-0.5-20170308	DU-1 RIDB-2-0.5-20170309	DU-1 RIDB-3-0.5-20170310	DU-1 RIDB-4-0.5-20170306	DU-1 RIDB-5-0.5-20170311	DU-1 RIDB-6-0.5-20170225	DU-1 RIDB-7-0.5-20170312	DU-1 RIDB-7-0.5-20170312-FD	DU-1 RISB-09-0.5-20141211	DU-1 RISB-10-0.5-20141215	DU-1 RISB-11-0.5-20141217	DU-1 RISB-12-0.5-20141215	DU-1 RISB-13-0.5-20141217	DU-1 RISB-14-0.5-20141216
LMWPAH	1-Methylnaphthalene	0.075 0	0.175 0	0.08 0	0.08 0	0.08 0	0.175 0	0.08 0	0.08 0	0.075 0	0.075 0	0.08 0	0.075 0	0.08 0	0.08 0
	2-Methylnaphthalene	0.035 0	0.08 0	0.0365 0	0.038 0	0.038 0	0.08 0	0.038 0	0.0375 0	0.0355 0	0.035 0	0.0365 0	0.036 0	0.037 0	0.0365 0
	Acenaphthene	0.0041 0	0.00465 0	0.0021 0	0.00445 0	0.00215 0	0.00225 0	0.0022 0	0.00215 0	0.00205 0	0.00205 0	0.0065 0	0.0021 0	0.00215 0	0.00205 0
	Acenaphthylene	0.0041 0	0.00465 0	0.0021 0	0.00445 0	0.00215 0	0.00225 0	0.0022 0	0.00215 0	0.00205 0	0.00205 0	0.0065 0	0.0021 0	0.00215 0	0.00205 0
	Anthracene	0.0041 0	0.00465 0	0.0021 0	0.00445 0	0.00215 0	0.00225 0	0.0022 0	0.00215 0	0.00205 0	0.00205 0	0.0065 0	0.0021 0	0.00215 0	0.00205 0
	Fluorene	0.0041 0	0.00465 0	0.0021 0	0.00445 0	0.00215 0	0.00225 0	0.0022 0	0.00215 0	0.00205 0	0.00205 0	0.0065 0	0.0021 0	0.00215 0	0.00205 0
	Naphthalene	0.0041 0	0.00465 0	0.0021 0	0.00445 0	0.00215 0	0.00225 0	0.0022 0	0.00215 0	0.00205 0	0.00205 0	0.0065 0	0.0021 0	0.00215 0	0.00205 0
	Phenanthrene	0.0041 0	0.00465 0	0.0021 0	0.00445 0	0.00215 0	0.00225 0	0.0022 0	0.00215 0	0.00205 0	0.00205 0	0.0065 0	0.0052 1	0.00215 0	0.00205 0
HMWPAH	Benzo(a)anthracene	0.0041 0	0.00465 0	0.0021 0	0.00445 0	0.00215 0	0.00225 0	0.0022 0	0.00215 0	0.00205 0	0.00205 0	0.0065 0	0.0048 1	0.00215 0	0.0081 1
	Benzo(a)pyrene	0.0041 0	0.00465 0	0.0021 0	0.00445 0	0.00215 0	0.00225 0	0.0022 0	0.00215 0	0.00205 0	0.00205 0	0.0065 0	0.0052 1	0.00215 0	0.0083 1
	Benzo(b)fluoranthene	0.0041 0	0.00465 0	0.0021 0	0.00445 0	0.00215 0	0.00225 0	0.0022 0	0.00215 0	0.00205 0	0.00205 0	0.0065 0	0.012 1	0.00215 0	0.022 1
	Benzo(g,h,i)perylene	0.0041 0	0.00465 0	0.0021 0	0.00445 0	0.00215 0	0.00225 0	0.0022 0	0.00215 0	0.00205 0	0.0085 1	0.0065 0	0.0074 1	0.00215 0	0.0068 1
	Benzo(k)fluoranthene	0.0041 0	0.00465 0	0.0021 0	0.00445 0	0.00215 0	0.00225 0	0.0022 0	0.00215 0	0.00205 0	0.00205 0	0.0065 0	0.0021 0	0.00215 0	0.0066 1
	Chrysene	0.0041 0	0.00465 0	0.0021 0	0.00445 0	0.00215 0	0.00225 0	0.0022 0	0.00215 0	0.00205 0	0.00205 0	0.0065 0	0.01 1	0.00215 0	0.017 1
	Dibenz(a,h)anthracene	0.0041 0	0.00465 0	0.0021 0	0.00445 0	0.00215 0	0.00225 0	0.0022 0	0.00215 0	0.00205 0	0.00205 0	0.0065 0	0.0021 0	0.00215 0	0.00205 0
	Fluoranthene	0.0041 0	0.00465 0	0.0021 0	0.00445 0	0.00215 0	0.00225 0	0.0022 0	0.00215 0	0.00205 0	0.00205 0	0.0065 0	0.0099 1	0.00215 0	0.011 1
	Indeno(1,2,3-cd)pyrene	0.0041 0	0.00465 0	0.0021 0	0.00445 0	0.00215 0	0.00225 0	0.0022 0	0.00215 0	0.00205 0	0.00205 0	0.0065 0	0.005 1	0.00215 0	0.0085 1
	Pyrene	0.0041 0	0.00465 0	0.0021 0	0.00445 0	0.00215 0	0.00225 0	0.0022 0	0.00215 0	0.00205 0	0.00205 0	0.0065 0	0.006 1	0.00215 0	0.011 1
LMWPAH	Ramboll Calculated LMW PAHs (ND=0.5DL)	0.1346 0	0.2829 0	0.1291 0	0.1447 0	0.1309 0	0.2685 0	0.1312 0	0.1304 0	0.1228 0	0.1223 0	0.1555 0	0.1267 1	0.1299 0	0.1288 0
HMWPAH	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.041 0	0.0465 0	0.021 0	0.0445 0	0.0215 0	0.0225 0	0.022 0	0.0215 0	0.0205 0	0.02695 1	0.065 0	0.0645 1	0.0215 0	0.10135 1
TPAH	Ramboll Calculated Total PAHs (ND=0.5DL)	0.1756 0	0.3294 0	0.1501 0	0.1892 0	0.1524 0	0.291 0	0.1532 0	0.1519 0	0.1433 0	0.14925 1	0.2205 0	0.1912 1	0.1514 0	0.23015 1

Notes:
Units are mg/kg.
Operations area consists of DU-1, DU-2 and DU-2.
Non-detect results for individual PAHs presented as 1/2 the sample quantitation limit.
Detections are presented as 1 (detected concentration) or 0 (nondetected concentration).

-- = Not analyzed
DL = Detection limit
DU = Decision Unit
HMW = High molecular weight
LMW = Low molecular weight
mg/kg = Milligrams per kilogram
ND = Not detected
PAH = Polycyclic aromatic hydrocarbon
TPAH = Total polycyclic aromatic hydrocarbon

Table D-6: Operations Area and Parcel E PAH Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Analyte	DU-1 RISB-39-0.5-20141121		DU-1 RISB-40-0.5-20141121		DU-1 RISB-41-0.5-20141121		DU-1 RISB-41-0.5-20141121-FD		DU-1 RISB-47-0.5-20141120		DU-1 RISB-48-0.5-20141120		DU-1 RIT-1-01-20141111		DU-1 RIT-1-02-20141111		DU-1 RIT-1-03-20141112		DU-1 RIT-1-04-20141112		DU-1 RIT-1-05-20141112		DU-1 RIT-2-01-20141112		DU-1 RIT-2-02-20141112		DU-1 RIT-2-03-20141112	
LMWPAH	1-Methylnaphthalene	0.08	0	0.075	0	0.08	0	0.08	0	0.075	0	0.075	0	0.08	0	0.075	0	0.155	0	0.075	0	0.16	0	0.165	0	0.08	0	0.075	0
	2-Methylnaphthalene	0.0365	0	0.036	0	0.0365	0	0.0365	0	0.0355	0	0.036	0	0.0375	0	0.036	0	0.075	0	0.036	0	0.075	0	0.075	0	0.037	0	0.0355	0
	Acenaphthene	0.0021	0	0.00205	0	0.0021	0	0.00205	0	0.00205	0	0.00205	0	0.0022	0	0.00205	0	0.0105	0	0.0105	0	0.002	0	0.0022	0	0.0105	0	0.002	0
	Acenaphthylene	0.0021	0	0.00205	0	0.0021	0	0.00205	0	0.00205	0	0.00205	0	0.0022	0	0.00205	0	0.0105	0	0.0105	0	0.002	0	0.0022	0	0.0105	0	0.002	0
	Anthracene	0.0021	0	0.00205	0	0.0021	0	0.00205	0	0.00205	0	0.00205	0	0.0022	0	0.00205	0	0.0105	0	0.0105	0	0.002	0	0.0022	0	0.0105	0	0.002	0
	Fluorene	0.0021	0	0.00205	0	0.0021	0	0.00205	0	0.00205	0	0.00205	0	0.0022	0	0.00205	0	0.0105	0	0.0105	0	0.002	0	0.0022	0	0.0105	0	0.002	0
	Naphthalene	0.0021	0	0.00205	0	0.0021	0	0.00205	0	0.00205	0	0.00205	0	0.0022	0	0.00205	0	0.0105	0	0.0105	0	0.002	0	0.0022	0	0.0105	0	0.002	0
	Phenanthrene	0.0021	0	0.00205	0	0.0021	0	0.00205	0	0.00205	0	0.00205	0	0.0022	0	0.0058	1	0.0105	0	0.048	1	0.002	0	0.0022	0	0.0105	0	0.0092	1
HMWPAH	Benzo(a)anthracene	0.0021	0	0.00205	0	0.0021	0	0.00205	0	0.00205	0	0.00205	0	0.0022	0	0.015	1	0.025	1	0.048	1	0.002	0	0.0022	0	0.0105	0	0.017	1
	Benzo(a)pyrene	0.0021	0	0.00205	0	0.0021	0	0.00205	0	0.00205	0	0.00205	0	0.0022	0	0.017	1	0.025	1	0.038	1	0.002	0	0.0022	0	0.0105	0	0.017	1
	Benzo(b)fluoranthene	0.0021	0	0.0044	1	0.0053	1	0.00205	0	0.00205	0	0.00205	0	0.0022	0	0.037	1	0.046	1	0.077	1	0.002	0	0.0022	0	0.04	1	0.034	1
	Benzo(g,h,i)perylene	0.0021	0	0.00205	0	0.0021	0	0.00205	0	0.00205	0	0.00205	0	0.0022	0	0.017	1	0.032	1	0.039	1	0.002	0	0.0022	0	0.03	1	0.014	1
	Benzo(k)fluoranthene	0.0021	0	0.00205	0	0.0021	0	0.00205	0	0.00205	0	0.00205	0	0.0022	0	0.015	1	0.0105	0	0.025	1	0.002	0	0.0022	0	0.0105	0	0.011	1
	Chrysene	0.0021	0	0.0045	1	0.0021	0	0.00205	0	0.00205	0	0.00205	0	0.0022	0	0.025	1	0.054	1	0.071	1	0.002	0	0.0022	0	0.032	1	0.028	1
	Dibenz(a,h)anthracene	0.0021	0	0.00205	0	0.0021	0	0.00205	0	0.00205	0	0.00205	0	0.0022	0	0.00205	0	0.0105	0	0.0105	0	0.002	0	0.0022	0	0.0105	0	0.002	0
	Fluoranthene	0.0021	0	0.0047	1	0.0042	1	0.00205	0	0.00205	0	0.00205	0	0.0022	0	0.018	1	0.042	1	0.082	1	0.0042	1	0.0022	0	0.021	1	0.025	1
	Indeno(1,2,3-cd)pyrene	0.0021	0	0.00205	0	0.0021	0	0.00205	0	0.00205	0	0.00205	0	0.0022	0	0.015	1	0.026	1	0.032	1	0.002	0	0.0022	0	0.0105	0	0.015	1
	Pyrene	0.0021	0	0.00205	0	0.0021	0	0.00205	0	0.00205	0	0.00205	0	0.0022	0	0.02	1	0.04	1	0.086	1	0.002	0	0.0022	0	0.021	1	0.026	1
LMWPAH	Ramboll Calculated LMW PAHs (ND=0.5DL)	0.1291	0	0.1233	0	0.1291	0	0.1288	0	0.1228	0	0.1233	0	0.1307	0	0.12705	1	0.293	0	0.2115	1	0.247	0	0.2532	0	0.18	0	0.1297	1
HMWPAH	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.021	0	0.02795	1	0.0263	1	0.0205	0	0.0205	0	0.0205	0	0.022	0	0.18105	1	0.311	1	0.5085	1	0.0222	1	0.022	0	0.1965	1	0.189	1
TPAH	Ramboll Calculated Total PAHs (ND=0.5DL)	0.1501	0	0.15125	1	0.1554	1	0.1493	0	0.1433	0	0.1438	0	0.1527	0	0.3081	1	0.604	1	0.72	1	0.2692	1	0.2752	0	0.3765	1	0.3187	1

Notes:
Units are mg/kg.
Operations area consists of DU-1, DU-2 and DU-2.
Non-detect results for individual PAHs presented as 1/2 the sample quantitation limit.
Detections are presented as 1 (detected concentration) or 0 (nondetected concentration).

-- = Not analyzed
DL = Detection limit
DU = Decision Unit
HMW = High molecular weight
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mg/kg = Milligrams per kilogram
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PAH = Polycyclic aromatic hydrocarbon
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Table D-6: Operations Area and Parcel E PAH Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Analyte	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1	DU-1
		RIT-2-03-20141112-FD	RIT-2-04-20141113	RIT-2-05-20141113	RIT-3-01-20141113	RIT-3-02-20141113	RIT-3-03-20141113	RIT-3-03-20141113-FD	RIT-3-04-20141113	RIT-3-05-20141113	RSAH3-0BPC	RSAI4-0.5B	RSAI5-0.5B	RSAI7-0.5B	RSAJ5-0.5B
LMWPAH	1-Methylnaphthalene	0.075 0	0.075 0	0.3 0	0.08 0	0.075 0	2.3 0	0.95 0	0.075 0	0.075 0	-- --	-- --	-- --	-- --	-- --
	2-Methylnaphthalene	0.036 0	0.0355 0	0.14 0	0.0375 0	0.0355 0	1.1 0	0.43 0	0.0355 0	0.14 1	0.0095 0	0.000285 0	0.00029 0	0.001118 0	0.0065 0
	Acenaphthene	0.0041 0	0.0021 0	0.002 0	0.0021 0	0.002 0	0.0105 0	0.00415 0	0.00205 0	0.002 0	0.005 0	0.00055 0	0.00055 0	0.000599 0	0.011 0
	Acenaphthylene	0.0041 0	0.0021 0	0.002 0	0.0021 0	0.002 0	0.0105 0	0.00415 0	0.00205 0	0.002 0	0.0085 0	0.000375 0	0.000385 0	0.000671 0	0.0085 0
	Anthracene	0.0041 0	0.0021 0	0.002 0	0.0021 0	0.002 0	0.0105 0	0.00415 0	0.00205 0	0.002 0	0.0085 0	0.0006 0	0.00065 0	0.000673 0	0.013 0
	Fluorene	0.0041 0	0.0021 0	0.002 0	0.0021 0	0.002 0	0.0105 0	0.00415 0	0.00205 0	0.002 0	0.009 0	0.00035 0	0.000355 0	0.001407 0	0.0075 0
	Naphthalene	0.0041 0	0.0021 0	0.002 0	0.0021 0	0.002 0	0.0105 0	0.00415 0	0.00205 0	0.002 0	0.0155 0	0.000425 0	0.000435 0	0.000585 0	0.0095 0
	Phenanthrene	0.0041 0	0.0021 0	0.004 1	0.0021 0	0.011 1	0.0105 0	0.00415 0	0.00205 0	0.016 1	0.0085 0	0.0009 0	0.00095 0	0.0007 0	0.0195 0
HMWPAH	Benzo(a)anthracene	0.0041 0	0.0021 0	0.002 0	0.0021 0	0.002 0	0.0105 0	0.00415 0	0.00205 0	0.02 1	0.024 1	0.00029 0	0.000295 0	0.000695 0	0.0065 0
	Benzo(a)pyrene	0.0041 0	0.0021 0	0.002 0	0.0021 0	0.002 0	0.0105 0	0.00415 0	0.00205 0	0.013 1	0.029 1	0.00034 0	0.00035 0	0.000515 0	0.0075 0
	Benzo(b)fluoranthene	0.015 1	0.0021 0	0.002 0	0.0021 0	0.0043 1	0.0105 0	0.00415 0	0.00205 0	0.041 1	0.1 1	0.0006 0	0.0006 0	0.000893 0	0.0125 0
	Benzo(g,h,i)perylene	0.0092 1	0.0021 0	0.002 0	0.0021 0	0.0041 1	0.0105 0	0.00415 0	0.00205 0	0.015 1	0.022 1	0.00065 0	0.00065 0	0.000608 0	0.013 0
	Benzo(k)fluoranthene	0.0041 0	0.0021 0	0.002 0	0.0021 0	0.002 0	0.0105 0	0.00415 0	0.00205 0	0.014 1	0.02 0	0.00042 0	0.00043 0	0.000787 0	0.009 0
	Chrysene	0.013 1	0.0021 0	0.002 0	0.0021 0	0.01 1	0.0105 0	0.00415 0	0.00205 0	0.031 1	0.081 1	0.000495 0	0.00055 0	0.000702 0	0.011 0
	Dibenz(a,h)anthracene	0.0041 0	0.0021 0	0.002 0	0.0021 0	0.002 0	0.0105 0	0.00415 0	0.00205 0	0.002 0	0.0095 0	0.00039 0	0.000395 0	0.000687 0	0.0085 0
	Fluoranthene	0.009 1	0.0021 0	0.002 0	0.0021 0	0.002 0	0.0105 0	0.00415 0	0.00205 0	0.045 1	0.043 1	0.00075 0	0.00075 0	0.000533 0	0.0155 0
	Indeno(1,2,3-cd)pyrene	0.0041 0	0.0021 0	0.002 0	0.0021 0	0.002 0	0.0105 0	0.00415 0	0.00205 0	0.016 1	0.011 0	0.00045 0	0.00046 0	0.000591 0	0.01 0
	Pyrene	0.0098 1	0.0021 0	0.002 0	0.0021 0	0.013 1	0.0105 0	0.00415 0	0.00205 0	0.033 1	0.048 1	0.000495 0	0.0005 0	0.000407 0	0.011 0
LMWPAH	Ramboll Calculated LMW PAHs (ND=0.5DL)	0.1356 0	0.1231 0	0.454 1	0.1301 0	0.1315 1	3.463 0	1.4049 0	0.1228 0	0.241 1	0.0645 0	0.003485 0	0.003615 0	0.005753 0	0.0755 0
HMWPAH	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.0765 1	0.021 0	0.02 0	0.021 0	0.0434 1	0.105 0	0.0415 0	0.0205 0	0.23 1	0.3875 1	0.00488 0	0.00498 0	0.006419 0	0.1045 0
TPAH	Ramboll Calculated Total PAHs (ND=0.5DL)	0.2121 1	0.1441 0	0.474 1	0.1511 0	0.1749 1	3.568 0	1.4464 0	0.1433 0	0.471 1	0.452 1	0.008365 0	0.008595 0	0.012172 0	0.18 0

Notes:
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Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Analyte	DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1	
		RSAK4-0.5B		RSAK4009-0.5B		RSAK6-0.5B		RSAL4-0.5B		RSAL4009-0.5B		RSAL5-0.5B		RSAL6-0.5B		RSAL7-0.5B		RSAL8-0.5B		RSAL8-0BPC		RSAM2-0.5B		RSAM4-0.5B		RSAM6-0.5B		RSAM7-0.5B	
LMWPAH	1-Methylnaphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	0.000285	0	0.000285	0	0.000285	0	8.5E-06	0	8.5E-06	0	0.0015	0	0.000295	0	0.000285	0	0.0006	0	0.009	0	0.000285	0	0.000295	0	0.000285	0	0.000285	0
	Acenaphthene	0.00055	0	0.00055	0	0.00055	0	1.55E-05	0	1.55E-05	0	0.00265	0	0.00055	0	0.00055	0	0.00105	0	0.0049	0	0.00055	0	0.00055	0	0.00055	0	0.00055	0
	Acenaphthylene	0.00037	0	0.00037	0	0.000375	0	0.000012	0	0.000012	0	0.00195	0	0.000385	0	0.000375	0	0.00075	0	0.008	0	0.000375	0	0.00039	0	0.00037	0	0.00037	0
	Anthracene	0.0006	0	0.0006	0	0.00065	0	1.85E-05	0	1.85E-05	0	0.00315	0	0.00065	0	0.0006	0	0.0012	0	0.008	0	0.0006	0	0.00065	0	0.0006	0	0.0006	0
	Fluorene	0.000345	0	0.000345	0	0.00035	0	1.05E-05	0	0.000011	0	0.00185	0	0.00036	0	0.00035	0	0.0007	0	0.0085	0	0.00035	0	0.000365	0	0.000345	0	0.000345	0
	Naphthalene	0.001	1	0.000425	0	0.00043	0	0.0014	1	0.0014	1	0.00225	0	0.00044	0	0.001	1	0.0009	0	0.015	0	0.001	1	0.000445	0	0.000425	0	0.000425	0
	Phenanthrene	0.0038	1	0.0038	1	0.0009	0	0.0021	1	0.0025	1	0.00465	0	0.00095	0	0.0009	0	0.0018	0	0.008	0	0.0009	0	0.00095	0	0.0021	1	0.0009	0
HMWPAH	Benzo(a)anthracene	0.00029	0	0.00029	0	0.000295	0	0.000009	0	0.000009	0	0.00155	0	0.0003	0	0.00029	0	0.0006	0	0.0095	0	0.00029	0	0.0003	0	0.00029	0	0.00029	0
	Benzo(a)pyrene	0.00034	0	0.00034	0	0.000345	0	1.05E-05	0	0.000011	0	0.0018	0	0.00035	0	0.00034	0	0.0007	0	0.0095	0	0.00034	0	0.000355	0	0.00034	0	0.00034	0
	Benzo(b)fluoranthene	0.0006	0	0.0006	0	0.0006	0	1.75E-05	0	1.75E-05	0	0.00295	0	0.0006	0	0.0006	0	0.00115	0	0.0125	0	0.0006	0	0.0006	0	0.0006	0	0.0006	0
	Benzo(g,h,i)perylene	0.0006	0	0.0006	0	0.00065	0	1.85E-05	0	1.85E-05	0	0.00315	0	0.00065	0	0.00065	0	0.00125	0	0.0075	0	0.0006	0	0.00065	0	0.0006	0	0.0006	0
	Benzo(k)fluoranthene	0.000415	0	0.000415	0	0.00042	0	0.000013	0	0.000013	0	0.0022	0	0.00043	0	0.00042	0	0.00085	0	0.019	0	0.00042	0	0.000435	0	0.000415	0	0.000415	0
	Chrysene	0.0041	1	0.0038	1	0.000495	0	0.001	1	0.0011	1	0.0026	0	0.00055	0	0.000495	0	0.001	0	0.013	0	0.000495	0	0.00055	0	0.00049	0	0.00049	0
	Dibenz(a,h)anthracene	0.000385	0	0.000385	0	0.00039	0	0.000012	0	0.000012	0	0.00205	0	0.0004	0	0.00039	0	0.0008	0	0.009	0	0.00039	0	0.000405	0	0.000385	0	0.000385	0
	Fluoranthene	0.0038	1	0.0031	1	0.00075	0	0.0017	1	0.0018	1	0.0037	0	0.00075	0	0.00075	0	0.00145	0	0.017	0	0.00075	0	0.00075	0	0.0007	0	0.0007	0
	Indeno(1,2,3-cd)pyrene	0.000445	0	0.000445	0	0.00045	0	0.000014	0	0.000014	0	0.00235	0	0.00046	0	0.00045	0	0.0009	0	0.0105	0	0.00045	0	0.000465	0	0.000445	0	0.000445	0
	Pyrene	0.0027	1	0.0027	1	0.000495	0	0.0014	1	0.0011	1	0.00255	0	0.00055	0	0.000495	0	0.001	0	0.006	0	0.00049	0	0.00055	0	0.0017	1	0.00049	0
LMWPAH	Ramboll Calculated LMW PAHs (ND=0.5DL)	0.00695	1	0.006375	1	0.00354	0	0.003565	1	0.003966	1	0.018	0	0.00363	0	0.00406	1	0.007	0	0.0614	0	0.00406	1	0.003645	0	0.004675	1	0.003475	0
HMWPAH	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.013675	1	0.012675	1	0.00489	0	0.004195	1	0.004095	1	0.0249	0	0.00504	0	0.00488	0	0.0097	0	0.1135	0	0.004825	0	0.00506	0	0.005965	1	0.004755	0
TPAH	Ramboll Calculated Total PAHs (ND=0.5DL)	0.020625	1	0.01905	1	0.00843	0	0.00776	1	0.008061	1	0.0429	0	0.00867	0	0.00894	1	0.0167	0	0.1749	0	0.008885	1	0.008705	0	0.01064	1	0.00823	0

Notes:
Units are mg/kg.
Operations area consists of DU-1, DU-2 and DU-2.
Non-detect results for individual PAHs presented as 1/2 the sample quantitation limit.
Detections are presented as 1 (detected concentration) or 0 (nondetected concentration).

-- = Not analyzed
DL = Detection limit
DU = Decision Unit
HMW = High molecular weight
LMW = Low molecular weight
mg/kg = Milligrams per kilogram
ND = Not detected
PAH = Polycyclic aromatic hydrocarbon
TPAH = Total polycyclic aromatic hydrocarbon

Table D-6: Operations Area and Parcel E PAH Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Analyte	DU-1 RSAM8-0.5B		DU-1 RSAN3-0.5B		DU-1 RSAN4-0.5B		DU-1 RSAN5-0.5B		DU-1 RSAN7-0BPC		DU-1 RSAO2-0.5B		DU-1 RSAO3-0.5B		DU-1 RSAO5-0.5B		DU-1 RSAO6-0.5B		DU-1 RSAO7-9B		DU-1 SA11-0.5		DU-1 SA11-0.5D		DU-1 SA114009-1BR		DU-1 SA114-1.5BR	
LMWPAH	1-Methylnaphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	0.00028	0	0.0003	0	0.000305	0	0.000285	0	0.009	0	0.001118	0	0.000285	0	0.0006	0	0.00029	0	0.000295	0	0.18	0	0.19	0	0.000295	0	0.000295	0
	Acenaphthene	0.0005	0	0.00055	0	0.00055	0	0.00055	0	0.00495	0	0.000599	0	0.00055	0	0.00105	0	0.00055	0	0.00055	0	0.18	0	0.19	0	0.00055	0	0.00055	0
	Acenaphthylene	0.00037	0	0.00039	0	0.0004	0	0.000375	0	0.008	0	0.000671	0	0.000375	0	0.00075	0	0.000375	0	0.00039	0	0.18	0	0.19	0	0.00039	0	0.00039	0
	Anthracene	0.0006	0	0.00065	0	0.00065	0	0.0006	0	0.008	0	0.000673	0	0.0006	0	0.0012	0	0.00065	0	0.00065	0	0.18	0	0.19	0	0.00065	0	0.00065	0
	Fluorene	0.000345	0	0.000365	0	0.00037	0	0.00035	0	0.0085	0	0.001407	0	0.00035	0	0.0007	0	0.00035	0	0.000365	0	0.18	0	0.19	0	0.00036	0	0.00036	0
	Naphthalene	0.00042	0	0.000445	0	0.000455	0	0.000425	0	0.015	0	0.000585	0	0.0014	1	0.0021	1	0.00043	0	0.000445	0	0.18	0	0.19	0	0.00044	0	0.00044	0
	Phenanthrene	0.0041	1	0.0022	1	0.001	0	0.0009	0	0.033	1	0.00145	0	0.0031	1	0.012	1	0.0009	0	0.00095	0	0.18	0	0.19	0	0.00095	0	0.00095	0
HMWPAH	Benzo(a)anthracene	0.0031	1	0.0011	1	0.00031	0	0.00029	0	0.03	1	0.000695	0	0.0017	1	0.019	1	0.000295	0	0.0003	0	0.18	0	0.19	0	0.0003	0	0.0003	0
	Benzo(a)pyrene	0.000335	0	0.000355	0	0.000365	0	0.00034	0	0.022	1	0.000515	0	0.00034	0	0.015	1	0.000345	0	0.000355	0	0.18	0	0.19	0	0.000355	0	0.000355	0
	Benzo(b)fluoranthene	0.0048	1	0.0006	0	0.00065	0	0.0006	0	0.064	1	0.000893	0	0.0006	0	0.024	1	0.0006	0	0.0006	0	0.18	0	0.19	0	0.0006	0	0.0006	0
	Benzo(g,h,i)perylene	0.0044	1	0.00065	0	0.00065	0	0.0006	0	0.022	1	0.000608	0	0.00065	0	0.014	1	0.00065	0	0.00065	0	0.18	0	0.19	0	0.00065	0	0.00065	0
	Benzo(k)fluoranthene	0.0037	1	0.00044	0	0.000445	0	0.00042	0	0.0195	0	0.000787	0	0.00042	0	0.018	1	0.00042	0	0.000435	0	0.18	0	0.19	0	0.000435	0	0.000435	0
	Chrysene	0.0061	1	0.0018	1	0.00055	0	0.000495	0	0.043	1	0.000702	0	0.0024	1	0.03	1	0.0005	0	0.00055	0	0.18	0	0.19	0	0.00055	0	0.00055	0
	Dibenz(a,h)anthracene	0.000385	0	0.000405	0	0.000415	0	0.00039	0	0.009	0	0.000687	0	0.00039	0	0.0008	0	0.00039	0	0.000405	0	0.18	0	0.19	0	0.000405	0	0.000405	0
	Fluoranthene	0.0051	1	0.0018	1	0.00075	0	0.00075	0	0.067	1	0.000533	0	0.00075	0	0.033	1	0.00075	0	0.00075	0	0.18	0	0.19	0	0.00075	0	0.00075	0
	Indeno(1,2,3-cd)pyrene	0.0031	1	0.00047	0	0.00048	0	0.00045	0	0.0105	0	0.000591	0	0.00045	0	0.012	1	0.00045	0	0.000465	0	0.18	0	0.19	0	0.000465	0	0.000465	0
	Pyrene	0.0048	1	0.0022	1	0.00055	0	0.00049	0	0.061	1	0.000407	0	0.000495	0	0.036	1	0.000495	0	0.00055	0	0.18	0	0.19	0	0.00055	0	0.00055	0
LMWPAH	Ramboll Calculated LMW PAHs (ND=0.5DL)	0.006615	1	0.0049	1	0.00373	0	0.003485	0	0.08645	1	0.006503	0	0.00666	1	0.0184	1	0.003545	0	0.003645	0	1.26	0	1.33	0	0.003635	0	0.003635	0
HMWPAH	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.03582	1	0.00982	1	0.005165	0	0.004825	0	0.348	1	0.006419	0	0.008195	1	0.2018	1	0.004895	0	0.00506	0	1.8	0	1.9	0	0.00506	0	0.00506	0
TPAH	Ramboll Calculated Total PAHs (ND=0.5DL)	0.042435	1	0.01472	1	0.008895	0	0.00831	0	0.43445	1	0.012922	0	0.014855	1	0.2202	1	0.00844	0	0.008705	0	3.06	0	3.23	0	0.008695	0	0.008695	0

Notes:
Units are mg/kg.
Operations area consists of DU-1, DU-2 and DU-2.
Non-detect results for individual PAHs presented as 1/2 the sample quantitation limit.
Detections are presented as 1 (detected concentration) or 0 (nondetected concentration).

-- = Not analyzed
DL = Detection limit
DU = Decision Unit
HMW = High molecular weight
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mg/kg = Milligrams per kilogram
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PAH = Polycyclic aromatic hydrocarbon
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Table D-6: Operations Area and Parcel E PAH Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Analyte	DU-1 SA114-1BR		DU-1 SA12-0.5		DU-1 SA141009-14B		DU-1 SA141-14B		DU-1 SA151-0.5B		DU-1 SA152-0.5B		DU-1 SA152009-0.5B		DU-1 SA157-0.5B		DU-1 SA157009-0.5B		DU-1 SA158-0.5B		DU-1 SA166-0.5B		DU-1 SA167-0BPC		DU-1 SA171-5B		DU-1 SA176-0.5B	
LMWPAH	1-Methylnaphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	0.000295	0	0.185	0	0.000295	0	0.000295	0	0.000295	0	0.00029	0	0.000285	0	0.0006	0	0.0003	0	0.000285	0	0.00029	0	0.0095	0	0.0003	0	0.00029	0
	Acenaphthene	0.00055	0	0.185	0	0.00055	0	0.00055	0	0.00055	0	0.00055	0	0.00055	0	0.0011	0	0.00055	0	0.00055	0	0.00055	0	0.005	0	0.00055	0	0.00055	0
	Acenaphthylene	0.00039	0	0.185	0	0.00039	0	0.00039	0	0.000385	0	0.00038	0	0.000375	0	0.0008	0	0.000395	0	0.000375	0	0.00038	0	0.0085	0	0.000395	0	0.00038	0
	Anthracene	0.00065	0	0.185	0	0.00065	0	0.00065	0	0.00065	0	0.00065	0	0.0006	0	0.00125	0	0.00065	0	0.0006	0	0.00065	0	0.0085	0	0.00065	0	0.00065	0
	Fluorene	0.000365	0	0.185	0	0.000365	0	0.000365	0	0.00036	0	0.000355	0	0.00035	0	0.00075	0	0.00037	0	0.00035	0	0.000355	0	0.009	0	0.000365	0	0.000355	0
	Naphthalene	0.000445	0	0.185	0	0.000445	0	0.000445	0	0.00044	0	0.0014	1	0.000425	0	0.0009	0	0.00045	0	0.000425	0	0.001	1	0.015	0	0.000445	0	0.00043	0
	Phenanthrene	0.00095	0	0.185	0	0.00095	0	0.00095	0	0.00095	0	0.00095	0	0.0009	0	0.0019	0	0.00095	0	0.0058	1	0.0009	0	0.0085	0	0.00095	0	0.0009	0
HMWPAH	Benzo(a)anthracene	0.0003	0	0.185	0	0.000305	0	0.0003	0	0.0003	0	0.000295	0	0.00029	0	0.00065	0	0.000305	0	0.00029	0	0.000295	0	0.01	0	0.000305	0	0.000295	0
	Benzo(a)pyrene	0.000355	0	0.185	0	0.000355	0	0.000355	0	0.00035	0	0.000345	0	0.00034	0	0.00075	0	0.00036	0	0.00034	0	0.000345	0	0.01	0	0.000355	0	0.000345	0
	Benzo(b)fluoranthene	0.0006	0	0.185	0	0.0006	0	0.0006	0	0.0006	0	0.0006	0	0.0006	0	0.0012	0	0.0006	0	0.0006	0	0.0006	0	0.013	0	0.0006	0	0.0006	0
	Benzo(g,h,i)perylene	0.00065	0	0.185	0	0.00065	0	0.00065	0	0.00065	0	0.00065	0	0.0006	0	0.0013	0	0.00065	0	0.0006	0	0.00065	0	0.008	0	0.00065	0	0.00065	0
	Benzo(k)fluoranthene	0.000435	0	0.185	0	0.000435	0	0.000435	0	0.00043	0	0.000425	0	0.000415	0	0.0009	0	0.00044	0	0.000415	0	0.000425	0	0.0195	0	0.00044	0	0.000425	0
	Chrysene	0.00055	0	0.185	0	0.00055	0	0.00055	0	0.00055	0	0.0005	0	0.00049	0	0.00105	0	0.0015	1	0.011	1	0.0005	0	0.013	0	0.00055	0	0.0005	0
	Dibenz(a,h)anthracene	0.000405	0	0.185	0	0.000405	0	0.000405	0	0.0004	0	0.000395	0	0.000385	0	0.00085	0	0.00041	0	0.000385	0	0.000395	0	0.0095	0	0.00041	0	0.000395	0
	Fluoranthene	0.00075	0	0.185	0	0.00075	0	0.00075	0	0.00075	0	0.00075	0	0.0007	0	0.0015	0	0.00075	0	0.012	1	0.00075	0	0.0175	0	0.00075	0	0.00075	0
	Indeno(1,2,3-cd)pyrene	0.000465	0	0.185	0	0.000465	0	0.000465	0	0.00046	0	0.000455	0	0.000445	0	0.00095	0	0.00047	0	0.000445	0	0.00045	0	0.011	0	0.00047	0	0.00045	0
	Pyrene	0.0014	1	0.185	0	0.00055	0	0.00055	0	0.00055	0	0.0005	0	0.00049	0	0.00105	0	0.0015	1	0.0079	1	0.000495	0	0.006	0	0.00055	0	0.000495	0
LMWPAH	Ramboll Calculated LMW PAHs (ND=0.5DL)	0.003645	0	1.295	0	0.003645	0	0.003645	0	0.00363	0	0.004575	1	0.003485	0	0.0073	0	0.003665	0	0.008385	1	0.004125	1	0.064	0	0.003655	0	0.003555	0
HMWPAH	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.00591	1	1.85	0	0.005065	0	0.00506	0	0.00504	0	0.004915	0	0.004755	0	0.0102	0	0.006985	1	0.033975	1	0.004905	0	0.1175	0	0.00508	0	0.004905	0
TPAH	Ramboll Calculated Total PAHs (ND=0.5DL)	0.009555	1	3.145	0	0.00871	0	0.008705	0	0.00867	0	0.00949	1	0.00824	0	0.0175	0	0.01065	1	0.04236	1	0.00903	1	0.1815	0	0.008735	0	0.00846	0

Notes:
Units are mg/kg.
Operations area consists of DU-1, DU-2 and DU-2.
Non-detect results for individual PAHs presented as 1/2 the sample quantitation limit.
Detections are presented as 1 (detected concentration) or 0 (nondetected concentration).

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mg/kg = Milligrams per kilogram
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PAH = Polycyclic aromatic hydrocarbon
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Table D-6: Operations Area and Parcel E PAH Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Analyte	DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1	
		SA18-0.5		SA18-0.5D		SA180-0.5B		SA180-0.5BD		SA185-0.5B		SA186-0.5B		SA189-0.5B		SA19-0.5		SA20-0.5		SA20-0.5D		SA200-0BPC		SA21-0.5		SA35-0.5B		SA50-0.5B	
LMWPAH	1-Methylnaphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	0.18	0	0.175	0	0.001118	0	0.001118	0	0.000295	0	0.0084	1	0.000295	0	0.18	0	0.185	0	0.205	0	0.0095	0	0.00345	0	0.000295	0	0.00029	0
	Acenaphthene	0.18	0	0.175	0	0.000599	0	0.000599	0	0.00055	0	0.00155	0	0.00055	0	0.18	0	0.185	0	0.205	0	0.005	0	0.00345	0	0.00055	0	0.00055	0
	Acenaphthylene	0.18	0	0.175	0	0.000671	0	0.000671	0	0.000385	0	0.00115	0	0.000385	0	0.18	0	0.185	0	0.205	0	0.0085	0	0.00345	0	0.000385	0	0.000385	0
	Anthracene	0.18	0	0.175	0	0.024	1	0.000673	0	0.00065	0	0.0042	1	0.00065	0	0.18	0	0.185	0	0.205	0	0.0085	0	0.00345	0	0.00065	0	0.0018	1
	Fluorene	0.18	0	0.175	0	0.001407	0	0.001407	0	0.00036	0	0.0011	0	0.00036	0	0.18	0	0.185	0	0.205	0	0.009	0	0.00345	0	0.00036	0	0.00036	0
	Naphthalene	0.18	0	0.175	0	0.000585	0	0.000585	0	0.0011	1	0.0063	1	0.0014	1	0.18	0	0.185	0	0.205	0	0.015	0	0.00345	0	0.0014	1	0.0018	1
	Phenanthrene	0.18	0	0.175	0	0.19	1	0.041	1	0.0036	1	0.02	1	0.00095	0	0.18	0	0.185	0	0.205	0	0.0085	0	0.00345	0	0.00095	0	0.0032	1
HMWPAH	Benzo(a)anthracene	0.18	0	0.175	0	0.16	1	0.029	1	0.0018	1	0.048	1	0.0003	0	0.18	0	0.185	0	0.205	0	0.01	0	0.00345	0	0.0003	0	0.0014	1
	Benzo(a)pyrene	0.18	0	0.175	0	0.11	1	0.032	1	0.00035	0	0.039	1	0.00035	0	0.18	0	0.185	0	0.205	0	0.01	0	0.00345	0	0.00035	0	0.00035	0
	Benzo(b)fluoranthene	0.18	0	0.175	0	0.11	1	0.032	1	0.0006	0	0.042	1	0.0006	0	0.18	0	0.185	0	0.205	0	0.013	0	0.00345	0	0.0006	0	0.0046	1
	Benzo(g,h,i)perylene	0.18	0	0.175	0	0.074	1	0.027	1	0.0036	1	0.021	1	0.00065	0	0.18	0	0.185	0	0.205	0	0.008	0	0.00345	0	0.00065	0	0.0071	1
	Benzo(k)fluoranthene	0.18	0	0.175	0	0.11	1	0.033	1	0.000435	0	0.031	1	0.00043	0	0.18	0	0.185	0	0.205	0	0.0195	0	0.00345	0	0.00043	0	0.0078	1
	Chrysene	0.18	0	0.175	0	0.19	1	0.046	1	0.0039	1	0.05	1	0.00055	0	0.18	0	0.185	0	0.205	0	0.013	0	0.00345	0	0.00055	0	0.0049	1
	Dibenz(a,h)anthracene	0.18	0	0.175	0	0.023	1	0.000687	0	0.0004	0	0.0073	1	0.0004	0	0.18	0	0.185	0	0.205	0	0.0095	0	0.00345	0	0.0004	0	0.0021	1
	Fluoranthene	0.18	0	0.175	0	0.35	1	0.071	1	0.0036	1	0.061	1	0.0021	1	0.18	0	0.185	0	0.205	0	0.0175	0	0.00345	0	0.00075	0	0.0039	1
	Indeno(1,2,3-cd)pyrene	0.18	0	0.175	0	0.069	1	0.023	1	0.0021	1	0.019	1	0.00046	0	0.18	0	0.185	0	0.205	0	0.011	0	0.00345	0	0.00046	0	0.0063	1
	Pyrene	0.18	0	0.175	0	0.27	1	0.051	1	0.0025	1	0.056	1	0.0018	1	0.18	0	0.185	0	0.205	0	0.006	0	0.00345	0	0.00055	0	0.0039	1
LMWPAH	Ramboll Calculated LMW PAHs (ND=0.5DL)	1.26	0	1.225	0	0.218381	1	0.046053	1	0.00694	1	0.0427	1	0.00459	1	1.26	0	1.295	0	1.435	0	0.064	0	0.02415	0	0.00459	1	0.008385	1
HMWPAH	Ramboll Calculated HMW PAHs (ND=0.5DL)	1.8	0	1.75	0	1.466	1	0.344687	1	0.019285	1	0.3743	1	0.00764	1	1.8	0	1.85	0	2.05	0	0.1175	0	0.0345	0	0.00504	0	0.04235	1
TPAH	Ramboll Calculated Total PAHs (ND=0.5DL)	3.06	0	2.975	0	1.684381	1	0.39074	1	0.026225	1	0.417	1	0.01223	1	3.06	0	3.145	0	3.485	0	0.1815	0	0.05865	0	0.00963	1	0.050735	1

Notes:
Units are mg/kg.
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-- = Not analyzed
DL = Detection limit
DU = Decision Unit
HMW = High molecular weight
LMW = Low molecular weight
mg/kg = Milligrams per kilogram
ND = Not detected
PAH = Polycyclic aromatic hydrocarbon
TPAH = Total polycyclic aromatic hydrocarbon

Table D-6: Operations Area and Parcel E PAH Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Analyte	DU-1 SA55-0.5B		DU-1 SA67-0.5B		DU-1 SA69-0.5B		DU-1 SA70-0BPC		DU-1 SA71-0.5B		DU-1 SA74-0.5B		DU-1 SA74009-0.5B		DU-1 SA75-0.5B		DU-1 SA75-0BPC		DU-1 SA85-0.5B		DU-1 SA92-0.5B		DU-1 SSAI3-01-3BPC		DU-1 SSAI3-02-14BPC		DU-1 SSAI3-02-15BPC	
LMWPAH	1-Methylnaphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	0.000285	0	0.001118	0	0.000009	0	0.0095	0	0.00028	0	0.00095	0	0.000305	0	0.000295	0	0.0105	0	0.00029	0	0.000285	0	0.011	0	0.01	0	0.01	0
	Acenaphthene	0.00055	0	0.000599	0	0.000016	0	0.005	0	0.0005	0	0.00165	0	0.00055	0	0.00055	0	0.0055	0	0.00055	0	0.00055	0	0.006	0	0.0055	0	0.0055	0
	Acenaphthylene	0.000375	0	0.000671	0	1.25E-05	0	0.0085	0	0.00037	0	0.0012	0	0.0004	0	0.000385	0	0.0095	0	0.00038	0	0.000375	0	0.0095	0	0.009	0	0.009	0
	Anthracene	0.0006	0	0.0017	1	1.95E-05	0	0.0085	0	0.0006	0	0.00195	0	0.00065	0	0.00065	0	0.0095	0	0.00065	0	0.0006	0	0.0095	0	0.009	0	0.009	0
	Fluorene	0.00035	0	0.001407	0	0.000011	0	0.009	0	0.000345	0	0.00115	0	0.00037	0	0.00036	0	0.01	0	0.000355	0	0.00035	0	0.01	0	0.0095	0	0.0095	0
	Naphthalene	0.000425	0	0.0015	1	0.0011	1	0.015	0	0.00042	0	0.0014	0	0.000455	0	0.00044	0	0.017	0	0.00043	0	0.001	1	0.0175	0	0.0165	0	0.0165	0
	Phenanthrene	0.0009	0	0.014	1	0.000029	0	0.0085	0	0.0044	1	0.00285	0	0.00095	0	0.00095	0	0.0095	0	0.0031	1	0.0055	1	0.0095	0	0.009	0	0.009	0
HMWPAH	Benzo(a)anthracene	0.00029	0	0.011	1	9.5E-06	0	0.01	0	0.002	1	0.00095	0	0.00031	0	0.0003	0	0.011	0	0.000295	0	0.0034	1	0.0115	0	0.0105	0	0.0105	0
	Benzo(a)pyrene	0.00034	0	0.0084	1	0.000011	0	0.01	0	0.000335	0	0.0011	0	0.00036	0	0.00035	0	0.011	0	0.000345	0	0.00034	0	0.0115	0	0.0105	0	0.0105	0
	Benzo(b)fluoranthene	0.0006	0	0.01	1	1.85E-05	0	0.013	0	0.0034	1	0.00185	0	0.0006	0	0.0006	0	0.0145	0	0.0006	0	0.0062	1	0.015	0	0.014	0	0.014	0
	Benzo(g,h,i)perylene	0.00065	0	0.0072	1	1.95E-05	0	0.008	0	0.0006	0	0.00195	0	0.00065	0	0.00065	0	0.009	0	0.00065	0	0.0076	1	0.009	0	0.0085	0	0.0085	0
	Benzo(k)fluoranthene	0.00042	0	0.0095	1	1.35E-05	0	0.0195	0	0.0027	1	0.00135	0	0.000445	0	0.00043	0	0.022	0	0.000425	0	0.0041	1	0.0225	0	0.021	0	0.021	0
	Chrysene	0.000495	0	0.019	1	0.000016	0	0.0135	0	0.0068	1	0.0016	0	0.00055	0	0.00055	0	0.015	0	0.0028	1	0.0096	1	0.0155	0	0.014	0	0.0145	0
	Dibenz(a,h)anthracene	0.00039	0	0.000687	0	1.25E-05	0	0.0095	0	0.000385	0	0.00125	0	0.000415	0	0.0004	0	0.0105	0	0.000395	0	0.00039	0	0.011	0	0.01	0	0.01	0
	Fluoranthene	0.00075	0	0.026	1	0.000023	0	0.0175	0	0.0051	1	0.00225	0	0.00075	0	0.00075	0	0.02	0	0.0017	1	0.0096	1	0.0205	0	0.019	0	0.019	0
	Indeno(1,2,3-cd)pyrene	0.00045	0	0.0065	1	1.45E-05	0	0.011	0	0.0031	1	0.00145	0	0.000475	0	0.00046	0	0.012	0	0.000455	0	0.0062	1	0.0125	0	0.0115	0	0.0115	0
	Pyrene	0.000495	0	0.019	1	1.55E-05	0	0.006	0	0.0034	1	0.0016	0	0.00055	0	0.00055	0	0.0065	0	0.0017	1	0.0076	1	0.007	0	0.0065	0	0.0065	0
LMWPAH	Ramboll Calculated LMW PAHs (ND=0.5DL)	0.003485	0	0.020996	1	0.001197	1	0.064	0	0.006915	1	0.01115	0	0.00368	0	0.00363	0	0.0715	0	0.005755	1	0.00866	1	0.073	0	0.0685	0	0.0685	0
HMWPAH	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.00488	0	0.117287	1	0.000154	0	0.118	0	0.02782	1	0.01535	0	0.005105	0	0.00504	0	0.1315	0	0.009365	1	0.05503	1	0.136	0	0.1255	0	0.126	0
TPAH	Ramboll Calculated Total PAHs (ND=0.5DL)	0.008365	0	0.138283	1	0.001351	1	0.182	0	0.034735	1	0.0265	0	0.008785	0	0.00867	0	0.203	0	0.01512	1	0.06369	1	0.209	0	0.194	0	0.1945	0

Notes:
Units are mg/kg.
Operations area consists of DU-1, DU-2 and DU-2.
Non-detect results for individual PAHs presented as 1/2 the sample quantitation limit.
Detections are presented as 1 (detected concentration) or 0 (nondetected concentration).

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HMW = High molecular weight
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PAH = Polycyclic aromatic hydrocarbon
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Table D-6: Operations Area and Parcel E PAH Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Analyte	DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1	
		SSAI3-07-10BPC		SSAJ2-02-4BPC		SSAJ2-02-5BPC		SSAJ3-05-8BPC		SSAJ3-07-5BPC		SSAJ3-10-0.0_01_BPC		SSAK2-02-0.0_01_BPC		SSAK3-02-1BPC		SSAK4-01-0BPC		SSAK4-02-0BPC		SSAK4-02-1BPC		SSAK4-03-0_01_BPC		SSAK4-03-1_01_BPC		SSAK5-01-0BPC	
LMWPAH	1-Methylnaphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	0.0105	0	0.0105	0	0.0105	0	0.0095	0	0.01	0	0.0105	0	0.01	0	0.01	0	0.0095	0	0.01	0	0.0105	0	0.0095	0	0.01	0	0.039	0
	Acenaphthene	0.0055	0	0.0055	0	0.0055	0	0.0055	0	0.0055	0	0.0055	0	0.0055	0	0.0055	0	0.005	0	0.0055	0	0.0055	0	0.005	0	0.0055	0	0.021	0
	Acenaphthylene	0.0095	0	0.009	0	0.009	0	0.0085	0	0.009	0	0.0095	0	0.009	0	0.009	0	0.0085	0	0.009	0	0.0095	0	0.0085	0	0.009	0	0.035	0
	Anthracene	0.0095	0	0.009	0	0.009	0	0.0085	0	0.009	0	0.0095	0	0.009	0	0.009	0	0.0085	0	0.009	0	0.0095	0	0.0085	0	0.009	0	0.035	0
	Fluorene	0.01	0	0.0095	0	0.01	0	0.009	0	0.0095	0	0.01	0	0.0095	0	0.0095	0	0.009	0	0.0095	0	0.01	0	0.009	0	0.0095	0	0.037	0
	Naphthalene	0.017	0	0.017	0	0.017	0	0.016	0	0.0165	0	0.017	0	0.0165	0	0.016	0	0.015	0	0.0165	0	0.017	0	0.0155	0	0.016	0	0.065	0
	Phenanthrene	0.0095	0	0.009	0	0.009	0	0.0085	0	0.009	0	0.0095	0	0.009	0	0.009	0	0.0085	0	0.009	0	0.0095	0	0.0085	0	0.009	0	0.035	0
HMWPAH	Benzo(a)anthracene	0.011	0	0.011	0	0.011	0	0.01	0	0.0105	0	0.011	0	0.0105	0	0.0105	0	0.01	0	0.0105	0	0.011	0	0.01	0	0.0105	0	0.041	0
	Benzo(a)pyrene	0.011	0	0.011	0	0.011	0	0.01	0	0.0105	0	0.011	0	0.0105	0	0.0105	0	0.01	0	0.0105	0	0.011	0	0.01	0	0.0105	0	0.041	0
	Benzo(b)fluoranthene	0.0145	0	0.014	0	0.014	0	0.0135	0	0.014	0	0.0145	0	0.014	0	0.0135	0	0.013	0	0.014	0	0.0145	0	0.013	0	0.0135	0	0.055	0
	Benzo(g,h,i)perylene	0.0085	0	0.0085	0	0.0085	0	0.008	0	0.0085	0	0.009	0	0.0085	0	0.0085	0	0.008	0	0.0085	0	0.009	0	0.008	0	0.0085	0	0.033	0
	Benzo(k)fluoranthene	0.022	0	0.0215	0	0.0215	0	0.0205	0	0.021	0	0.022	0	0.0215	0	0.021	0	0.0195	0	0.021	0	0.022	0	0.02	0	0.021	0	0.08	0
	Chrysene	0.0145	0	0.0145	0	0.0145	0	0.014	0	0.0145	0	0.015	0	0.0145	0	0.014	0	0.0135	0	0.014	0	0.015	0	0.0135	0	0.014	0	0.055	0
	Dibenz(a,h)anthracene	0.0105	0	0.0105	0	0.0105	0	0.0095	0	0.01	0	0.0105	0	0.01	0	0.01	0	0.0095	0	0.01	0	0.0105	0	0.0095	0	0.01	0	0.039	0
	Fluoranthene	0.0195	0	0.0195	0	0.0195	0	0.0185	0	0.019	0	0.02	0	0.019	0	0.0185	0	0.0175	0	0.019	0	0.02	0	0.018	0	0.0185	0	0.075	0
	Indeno(1,2,3-cd)pyrene	0.012	0	0.012	0	0.012	0	0.011	0	0.0115	0	0.012	0	0.0115	0	0.0115	0	0.011	0	0.0115	0	0.012	0	0.011	0	0.0115	0	0.0455	0
	Pyrene	0.0065	0	0.0065	0	0.0065	0	0.006	0	0.0065	0	0.0065	0	0.0065	0	0.0065	0	0.006	0	0.0065	0	0.0065	0	0.006	0	0.0065	0	0.025	0
LMWPAH	Ramboll Calculated LMW PAHs (ND=0.5DL)	0.0715	0	0.0695	0	0.07	0	0.0655	0	0.0685	0	0.0715	0	0.0685	0	0.068	0	0.064	0	0.0685	0	0.0715	0	0.0645	0	0.068	0	0.267	0
HMWPAH	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.13	0	0.129	0	0.129	0	0.121	0	0.126	0	0.1315	0	0.1265	0	0.1245	0	0.118	0	0.1255	0	0.1315	0	0.119	0	0.1245	0	0.4895	0
TPAH	Ramboll Calculated Total PAHs (ND=0.5DL)	0.2015	0	0.1985	0	0.199	0	0.1865	0	0.1945	0	0.203	0	0.195	0	0.1925	0	0.182	0	0.194	0	0.203	0	0.1835	0	0.1925	0	0.7565	0

Notes:
Units are mg/kg.
Operations area consists of DU-1, DU-2 and DU-2.
Non-detect results for individual PAHs presented as 1/2 the sample quantitation limit.
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Table D-6: Operations Area and Parcel E PAH Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Analyte	DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1	
		SSAK5-01-1BPC		SSAK5-03-1BPC		SSAK5-05-9BPC		SSAK6-03-3BPC		SSAK7-03-1BPC		SSAK8-02-1BPC		SSAK8-05-1BPC		SSAK8-07-0BPC		SSAK8-09-0BPC		SSAL3-07-0BPC		SSAM3-01-2BPC		SSAN5-04-0BPC		SSAN6-03-0BPC		SSAN6-08-2.0_01_BPC	
LMWPAH	1-Methylnaphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	0.1	0	0.0105	0	0.01	0	0.0105	0	0.0095	0	0.0105	0	0.01	0	0.009	0	0.009	0	0.009	0	0.0105	0	0.0095	0	0.0355	0	0.0095	0
	Acenaphthene	0.055	0	0.0055	0	0.0055	0	0.0055	0	0.005	0	0.0055	0	0.0055	0	0.0049	0	0.00495	0	0.00485	0	0.0055	0	0.005	0	0.0195	0	0.0055	0
	Acenaphthylene	0.09	0	0.0095	0	0.009	0	0.0095	0	0.0085	0	0.0095	0	0.009	0	0.008	0	0.008	0	0.008	0	0.0095	0	0.0085	0	0.032	0	0.0085	0
	Anthracene	0.09	0	0.0095	0	0.009	0	0.0095	0	0.0085	0	0.0095	0	0.009	0	0.008	0	0.008	0	0.008	0	0.0095	0	0.0085	0	0.032	0	0.0085	0
	Fluorene	0.095	0	0.01	0	0.0095	0	0.01	0	0.009	0	0.01	0	0.0095	0	0.0085	0	0.0085	0	0.0085	0	0.01	0	0.009	0	0.034	0	0.009	0
	Naphthalene	0.165	0	0.017	0	0.0165	0	0.0175	0	0.0155	0	0.017	0	0.0165	0	0.0145	0	0.015	0	0.0145	0	0.017	0	0.0155	0	0.06	0	0.016	0
	Phenanthrene	0.09	0	0.0095	0	0.009	0	0.0095	0	0.0085	0	0.0095	0	0.009	0	0.008	0	0.008	0	0.008	0	0.0095	0	0.0085	0	0.032	0	0.0085	0
HMWPAH	Benzo(a)anthracene	0.105	0	0.011	0	0.0105	0	0.011	0	0.01	0	0.011	0	0.0105	0	0.025	1	0.0095	0	0.0095	0	0.011	0	0.01	0	0.0375	0	0.01	0
	Benzo(a)pyrene	0.105	0	0.011	0	0.0105	0	0.011	0	0.01	0	0.011	0	0.0105	0	0.024	1	0.0095	0	0.0095	0	0.011	0	0.01	0	0.0375	0	0.01	0
	Benzo(b)fluoranthene	0.14	0	0.0145	0	0.014	0	0.0145	0	0.013	0	0.0145	0	0.014	0	0.05	1	0.0125	0	0.0125	0	0.0145	0	0.013	0	0.049	0	0.0135	0
	Benzo(g,h,i)perylene	0.085	0	0.009	0	0.0085	0	0.009	0	0.008	0	0.009	0	0.0085	0	0.019	1	0.0075	0	0.0075	0	0.009	0	0.008	0	0.03	0	0.008	0
	Benzo(k)fluoranthene	0.215	0	0.022	0	0.0215	0	0.0225	0	0.02	0	0.022	0	0.0215	0	0.019	0	0.0195	0	0.019	0	0.022	0	0.02	0	0.075	0	0.0205	0
	Chrysene	0.145	0	0.015	0	0.0145	0	0.015	0	0.0135	0	0.015	0	0.0145	0	0.035	1	0.013	0	0.013	0	0.015	0	0.0135	0	0.1	1	0.014	0
	Dibenz(a,h)anthracene	0.1	0	0.0105	0	0.01	0	0.0105	0	0.0095	0	0.0105	0	0.01	0	0.009	0	0.009	0	0.009	0	0.0105	0	0.0095	0	0.0355	0	0.0095	0
	Fluoranthene	0.19	0	0.02	0	0.0195	0	0.02	0	0.018	0	0.02	0	0.019	0	0.035	1	0.0175	0	0.017	0	0.02	0	0.018	0	0.07	0	0.0185	0
	Indeno(1,2,3-cd)pyrene	0.115	0	0.012	0	0.012	0	0.0125	0	0.011	0	0.012	0	0.012	0	0.0105	0	0.0105	0	0.0105	0	0.012	0	0.011	0	0.0415	0	0.011	0
	Pyrene	0.065	0	0.0065	0	0.0065	0	0.0065	0	0.006	0	0.0065	0	0.0065	0	0.03	1	0.006	0	0.0055	0	0.0065	0	0.006	0	0.14	1	0.006	0
LMWPAH	Ramboll Calculated LMW PAHs (ND=0.5DL)	0.685	0	0.0715	0	0.0685	0	0.072	0	0.0645	0	0.0715	0	0.0685	0	0.0609	0	0.06145	0	0.06085	0	0.0715	0	0.0645	0	0.245	0	0.0655	0
HMWPAH	Ramboll Calculated HMW PAHs (ND=0.5DL)	1.265	0	0.1315	0	0.1275	0	0.1325	0	0.119	0	0.1315	0	0.127	0	0.2565	1	0.1145	0	0.113	0	0.1315	0	0.119	0	0.616	1	0.121	0
TPAH	Ramboll Calculated Total PAHs (ND=0.5DL)	1.95	0	0.203	0	0.196	0	0.2045	0	0.1835	0	0.203	0	0.1955	0	0.3174	1	0.17595	0	0.17385	0	0.203	0	0.1835	0	0.861	1	0.1865	0

Notes:
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Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Analyte	DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1		DU-1	
		SSAN6-08-3.0_01_BPC		SSAN6-08-4.0_01_BPC		SSAN7-06-0BPC		SSAN7-07-0BPC		SSAO3-02-5BPC		SSAO4-01-0BPC		SSAO4-01-1BPC		SSAO4-02-3BPC		SSAO4-05-1BPC		SSAO4-05-1BPC_FD		SSAO7-01-1BPC		SSAO7-01-1BPC_FD		SSAO7-02-1BPC		SSAO7-04-0BPC	
LMWPAH	1-Methylnaphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	0.0095	0	0.0095	0	0.0095	0	0.0095	0	0.0105	0	0.0095	0	0.01	0	0.01	0	0.01	0	0.0095	0	0.0105	0	0.0105	0	0.01	0	0.0095	0
	Acenaphthene	0.005	0	0.0055	0	0.005	0	0.005	0	0.0055	0	0.005	0	0.0055	0	0.0055	0	0.0055	0	0.0055	0	0.006	0	0.0055	0	0.0055	0	0.0055	0
	Acenaphthylene	0.0085	0	0.0085	0	0.0085	0	0.0085	0	0.0095	0	0.0085	0	0.009	0	0.009	0	0.009	0	0.0085	0	0.0095	0	0.009	0	0.009	0	0.0085	0
	Anthracene	0.0085	0	0.0085	0	0.0085	0	0.0085	0	0.0095	0	0.0085	0	0.018	1	0.009	0	0.009	0	0.0085	0	0.0095	0	0.009	0	0.009	0	0.0085	0
	Fluorene	0.009	0	0.009	0	0.009	0	0.009	0	0.01	0	0.009	0	0.0095	0	0.0095	0	0.0095	0	0.009	0	0.01	0	0.0095	0	0.0095	0	0.009	0
	Naphthalene	0.0155	0	0.016	0	0.0155	0	0.0155	0	0.0175	0	0.0155	0	0.0165	0	0.0165	0	0.016	0	0.016	0	0.0175	0	0.0165	0	0.016	0	0.016	0
	Phenanthrene	0.0085	0	0.0085	0	0.0085	0	0.0085	0	0.0095	0	0.0085	0	0.052	1	0.009	0	0.009	0	0.0085	0	0.0095	0	0.009	0	0.009	0	0.0085	0
HMWPAH	Benzo(a)anthracene	0.01	0	0.0105	0	0.01	0	0.01	0	0.011	0	0.025	1	0.061	1	0.0105	0	0.0105	0	0.01	0	0.011	0	0.011	0	0.0105	0	0.01	0
	Benzo(a)pyrene	0.01	0	0.0105	0	0.01	0	0.01	0	0.011	0	0.025	1	0.093	1	0.0105	0	0.0105	0	0.01	0	0.011	0	0.011	0	0.0105	0	0.01	0
	Benzo(b)fluoranthene	0.013	0	0.0135	0	0.013	0	0.013	0	0.0145	0	0.075	1	0.22	1	0.014	0	0.032	1	0.038	1	0.0145	0	0.014	0	0.0135	0	0.0135	0
	Benzo(g,h,i)perylene	0.008	0	0.008	0	0.008	0	0.008	0	0.009	0	0.033	1	0.11	1	0.0085	0	0.022	1	0.021	1	0.009	0	0.0085	0	0.0085	0	0.008	0
	Benzo(k)fluoranthene	0.02	0	0.0205	0	0.02	0	0.02	0	0.0225	0	0.02	0	0.021	0	0.0215	0	0.021	0	0.0205	0	0.0225	0	0.0215	0	0.021	0	0.0205	0
	Chrysene	0.0135	0	0.014	0	0.0135	0	0.0135	0	0.015	0	0.05	1	0.1	1	0.0145	0	0.014	0	0.014	0	0.015	0	0.0145	0	0.014	0	0.014	0
	Dibenz(a,h)anthracene	0.0095	0	0.0095	0	0.0095	0	0.0095	0	0.0105	0	0.0095	0	0.01	0	0.01	0	0.01	0	0.0095	0	0.0105	0	0.0105	0	0.01	0	0.0095	0
	Fluoranthene	0.018	0	0.0185	0	0.018	0	0.018	0	0.02	0	0.048	1	0.073	1	0.019	0	0.0185	0	0.0185	0	0.02	0	0.0195	0	0.0185	0	0.0185	0
	Indeno(1,2,3-cd)pyrene	0.011	0	0.0115	0	0.011	0	0.011	0	0.012	0	0.023	1	0.095	1	0.0115	0	0.0115	0	0.0115	0	0.0125	0	0.012	0	0.0115	0	0.011	0
	Pyrene	0.006	0	0.006	0	0.006	0	0.006	0	0.0065	0	0.042	1	0.079	1	0.0065	0	0.013	1	0.015	1	0.007	0	0.0065	0	0.0065	0	0.006	0
LMWPAH	Ramboll Calculated LMW PAHs (ND=0.5DL)	0.0645	0	0.0655	0	0.0645	0	0.0645	0	0.072	0	0.0645	0	0.1205	1	0.0685	0	0.068	0	0.0655	0	0.0725	0	0.069	0	0.068	0	0.0655	0
HMWPAH	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.119	0	0.1225	0	0.119	0	0.119	0	0.132	0	0.3505	1	0.862	1	0.1265	0	0.163	1	0.168	1	0.133	0	0.129	0	0.1245	0	0.121	0
TPAH	Ramboll Calculated Total PAHs (ND=0.5DL)	0.1835	0	0.188	0	0.1835	0	0.1835	0	0.204	0	0.415	1	0.9825	1	0.195	0	0.231	1	0.2335	1	0.2055	0	0.198	0	0.1925	0	0.1865	0

Notes:
Units are mg/kg.
Operations area consists of DU-1, DU-2 and DU-2.
Non-detect results for individual PAHs presented as 1/2 the sample quantitation limit.
Detections are presented as 1 (detected concentration) or 0 (nondetected concentration).

-- = Not analyzed
DL = Detection limit
DU = Decision Unit
HMW = High molecular weight
LMW = Low molecular weight
mg/kg = Milligrams per kilogram
ND = Not detected
PAH = Polycyclic aromatic hydrocarbon
TPAH = Total polycyclic aromatic hydrocarbon

Table D-6: Operations Area and Parcel E PAH Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Analyte	DU-1		DU-1		DU-1		DU-1		DU-1		DU-2		DU-2		DU-2		DU-2		DU-2		DU-2		DU-2		DU-2		DU-2	
		SSAO7-06-0BPC		SSAO8-05-0BPC		SSAO8-08-0BPC		SSAP3-01-0BPC		SSAP3-01-1BPC		RSAP7-0.5B		RSAQ6-0.5B		RSAQ7-0.5B		RSAS3-0.5B		RSAS3009-0.5B		RSAT6-0.5B		RSAU4-0.5B		RSAU5-0.5B		SA103-0.5B	
LMWPAH	1-Methylnaphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	0.0095	0	0.0095	0	0.009	0	0.036	0	0.01	0	0.0003	0	0.0003	0	0.0003	0	0.00029	0	0.00029	0	0.000285	0	0.000305	0	0.00029	0	0.0012	0
	Acenaphthene	0.0055	0	0.005	0	0.0049	0	0.0195	0	0.0055	0	0.00055	0	0.00055	0	0.00055	0	0.00055	0	0.00055	0	0.00055	0	0.00055	0	0.00055	0	0.0021	0
	Acenaphthylene	0.0085	0	0.0085	0	0.008	0	0.032	0	0.009	0	0.000395	0	0.000395	0	0.000395	0	0.00038	0	0.00038	0	0.000375	0	0.0011	1	0.000385	0	0.00155	0
	Anthracene	0.0085	0	0.0085	0	0.008	0	0.032	0	0.009	0	0.00065	0	0.00065	0	0.00065	0	0.00065	0	0.00065	0	0.0006	0	0.00065	0	0.00065	0	0.0025	0
	Fluorene	0.009	0	0.009	0	0.0085	0	0.034	0	0.0095	0	0.000365	0	0.000365	0	0.000365	0	0.000355	0	0.000355	0	0.00035	0	0.000375	0	0.000355	0	0.00145	0
	Naphthalene	0.016	0	0.016	0	0.015	0	0.06	0	0.0165	0	0.00045	0	0.00045	0	0.00045	0	0.00043	0	0.000435	0	0.00043	0	0.000455	0	0.0014	1	0.00175	0
	Phenanthrene	0.0085	0	0.0085	0	0.008	0	0.032	0	0.009	0	0.0022	1	0.00095	0	0.00095	0	0.00095	0	0.00095	0	0.0009	0	0.0033	1	0.00095	0	0.018	1
HMWPAH	Benzo(a)anthracene	0.01	0	0.01	0	0.0095	0	0.038	0	0.0105	0	0.000305	0	0.000305	0	0.000305	0	0.000295	0	0.000295	0	0.00029	0	0.0048	1	0.0028	1	0.024	1
	Benzo(a)pyrene	0.01	0	--	--	0.0095	0	0.038	0	0.0105	0	0.00036	0	0.00036	0	0.00036	0	0.000345	0	0.000345	0	0.00034	0	0.0063	1	0.0035	1	0.033	1
	Benzo(b)fluoranthene	0.0135	0	--	--	0.0125	0	0.0495	0	0.014	0	0.0006	0	0.0006	0	0.0006	0	0.0006	0	0.0006	0	0.0006	0	0.007	1	0.0056	1	0.041	1
	Benzo(g,h,i)perylene	0.008	0	--	--	0.0075	0	0.0305	0	0.0085	0	0.00065	0	0.00065	0	0.00065	0	0.00065	0	0.00065	0	0.00065	0	0.0078	1	0.0035	1	0.034	1
	Benzo(k)fluoranthene	0.0205	0	--	--	0.019	0	0.075	0	0.0215	0	0.00044	0	0.00044	0	0.00044	0	0.000425	0	0.000425	0	0.00042	0	0.007	1	0.0046	1	0.035	1
	Chrysene	0.014	0	0.014	0	0.013	0	0.05	0	0.0145	0	0.00055	0	0.00055	0	0.00055	0	0.0005	0	0.00055	0	0.000495	0	0.0092	1	0.0067	1	0.047	1
	Dibenz(a,h)anthracene	0.0095	0	--	--	0.009	0	0.036	0	0.01	0	0.00041	0	0.00041	0	0.00041	0	0.000395	0	0.000395	0	0.00039	0	0.000415	0	0.000395	0	0.0016	0
	Fluoranthene	0.0185	0	0.0185	0	0.017	0	0.07	0	0.0195	0	0.00075	0	0.00075	0	0.00075	0	0.00075	0	0.00075	0	0.00075	0	0.011	1	0.0067	1	0.071	1
	Indeno(1,2,3-cd)pyrene	0.011	0	--	--	0.0105	0	0.0415	0	0.012	0	0.00047	0	0.00047	0	0.00047	0	0.000455	0	0.000455	0	0.00045	0	0.0059	1	0.0035	1	0.027	1
	Pyrene	0.006	0	0.006	0	0.006	0	0.069	1	0.0065	0	0.00055	0	0.00055	0	0.00055	0	0.0005	0	0.0005	0	0.000495	0	0.01	1	0.0049	1	0.058	1
LMWPAH	Ramboll Calculated LMW PAHs (ND=0.5DL)	0.0655	0	0.065	0	0.0614	0	0.2455	0	0.0685	0	0.00491	1	0.00366	0	0.00366	0	0.003605	0	0.00361	0	0.00349	0	0.006735	1	0.00458	1	0.02855	1
HMWPAH	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.121	0	--	--	0.1135	0	0.4975	1	0.1275	0	0.005085	0	0.005085	0	0.005085	0	0.004915	0	0.004965	0	0.00488	0	0.069415	1	0.042195	1	0.3716	1
TPAH	Ramboll Calculated Total PAHs (ND=0.5DL)	0.1865	0	--	--	0.1749	0	0.743	1	0.196	0	0.009995	1	0.008745	0	0.008745	0	0.00852	0	0.008575	0	0.00837	0	0.07615	1	0.046775	1	0.40015	1

Notes:
Units are mg/kg.
Operations area consists of DU-1, DU-2 and DU-2.
Non-detect results for individual PAHs presented as 1/2 the sample quantitation limit.
Detections are presented as 1 (detected concentration) or 0 (nondetected concentration).

-- = Not analyzed
DL = Detection limit
DU = Decision Unit
HMW = High molecular weight
LMW = Low molecular weight
mg/kg = Milligrams per kilogram
ND = Not detected
PAH = Polycyclic aromatic hydrocarbon
TPAH = Total polycyclic aromatic hydrocarbon

Table D-6: Operations Area and Parcel E PAH Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Analyte	DU-2		DU-2		DU-2		DU-2		DU-2		DU-2		DU-2		DU-2		DU-2		DU-2		DU-2		DU-2	
		SA116-0.5B		SA121-0.5B		SA121009-0.5B		SA138-0.5B		SA146-0.5B		SA147-0.5B		SA156-1BPC		SA2-0.5		SA212-0.5B		SA28-0.5B		SA31-0.5B		SA7-0.5		SSAQ5-07-1BPC		TSB-GJ-03-0	
LMWPAH	1-Methylnaphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	0.000295	0	0.0003	0	0.0003	0	0.000295	0	0.000295	0	0.000305	0	0.0095	0	0.0035	0	0.00029	0	0.000295	0	0.000295	0	0.0035	0	0.01	0	0.017	0
	Acenaphthene	0.00055	0	0.00055	0	0.00055	0	0.00055	0	0.00055	0	0.00055	0	0.005	0	0.0035	0	0.00055	0	0.00055	0	0.00055	0	0.0035	0	0.0055	0	0.017	0
	Acenaphthylene	0.00039	0	0.000395	0	0.000395	0	0.000385	0	0.000385	0	0.0004	0	0.0085	0	0.0035	0	0.00038	0	0.0014	1	0.00039	0	0.0035	0	0.009	0	0.017	0
	Anthracene	0.00065	0	0.00065	0	0.00065	0	0.00065	0	0.00065	0	0.00065	0	0.0085	0	0.0035	0	0.00065	0	0.00065	0	0.00065	0	0.0035	0	0.009	0	0.017	0
	Fluorene	0.00036	0	0.00037	0	0.00037	0	0.00036	0	0.00036	0	0.000375	0	0.009	0	0.0035	0	0.000355	0	0.000365	0	0.00036	0	0.0035	0	0.0095	0	0.017	0
	Naphthalene	0.00044	0	0.00045	0	0.00045	0	0.000435	0	0.00044	0	0.000455	0	0.0155	0	0.0035	0	0.000435	0	0.000445	0	0.00044	0	0.0035	0	0.0165	0	0.017	0
	Phenanthrene	0.00095	0	0.0025	1	0.00095	0	0.00095	0	0.00095	0	0.001	0	0.0085	0	0.0035	0	0.00095	0	0.0039	1	0.00095	0	0.0035	0	0.009	0	0.017	0
HMWPAH	Benzo(a)anthracene	0.0003	0	0.004	1	0.0015	1	0.0003	0	0.00071	1	0.00031	0	0.01	0	0.0035	0	0.0018	1	0.0057	1	0.0003	0	0.0035	0	0.0105	0	0.017	0
	Benzo(a)pyrene	0.000355	0	0.0051	1	0.00036	0	0.00035	0	0.00035	0	0.000365	0	0.01	0	0.0035	0	0.00035	0	0.0064	1	0.000355	0	0.0035	0	0.0105	0	0.017	0
	Benzo(b)fluoranthene	0.0006	0	0.0073	1	0.0006	0	0.0006	0	0.0039	1	0.00065	0	0.0135	0	0.0035	0	0.0021	1	0.014	1	0.0006	0	0.0035	0	0.014	0	0.017	0
	Benzo(g,h,i)perylene	0.00065	0	0.0062	1	0.0025	1	0.00065	0	0.0021	1	0.00065	0	0.008	0	0.0035	0	0.00065	0	0.0093	1	0.00065	0	0.0035	0	0.0085	0	0.017	0
	Benzo(k)fluoranthene	0.000435	0	0.0058	1	0.00044	0	0.00043	0	0.0032	1	0.00045	0	0.0205	0	0.0035	0	0.0021	1	0.01	1	0.000435	0	0.0035	0	0.0215	0	0.017	0
	Chrysene	0.00055	0	0.0062	1	0.0033	1	0.00055	0	0.0039	1	0.00055	0	0.0135	0	0.0035	0	0.0021	1	0.014	1	0.0021	1	0.0035	0	0.0145	0	0.08	1
	Dibenz(a,h)anthracene	0.000405	0	0.00041	0	0.00041	0	0.0004	0	0.0004	0	0.000415	0	0.0095	0	0.0035	0	0.000395	0	0.000405	0	0.000405	0	0.0035	0	0.01	0	0.017	0
	Fluoranthene	0.00075	0	0.0076	1	0.0055	1	0.00075	0	0.0018	1	0.0008	0	0.0185	0	0.0035	0	0.0028	1	0.016	1	0.00075	0	0.0035	0	0.019	0	0.017	0
	Indeno(1,2,3-cd)pyrene	0.000465	0	0.004	1	0.000475	0	0.00046	0	0.0021	1	0.00048	0	0.011	0	0.0035	0	0.000455	0	0.0075	1	0.000465	0	0.0035	0	0.0115	0	0.017	0
	Pyrene	0.00055	0	0.0073	1	0.0044	1	0.00055	0	0.0021	1	0.00055	0	0.006	0	0.0035	0	0.0028	1	0.015	1	0.00055	0	0.0035	0	0.016	1	0.017	0
LMWPAH	Ramboll Calculated LMW PAHs (ND=0.5DL)	0.003635	0	0.005215	1	0.003665	0	0.003625	0	0.00363	0	0.003735	0	0.0645	0	0.0245	0	0.00361	0	0.007605	1	0.003635	0	0.0245	0	0.0685	0	0.119	0
HMWPAH	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.00506	0	0.05391	1	0.019485	1	0.00504	0	0.02056	1	0.00522	0	0.1205	0	0.035	0	0.01555	1	0.098305	1	0.00661	1	0.035	0	0.136	1	0.233	1
TPAH	Ramboll Calculated Total PAHs (ND=0.5DL)	0.008695	0	0.059125	1	0.02315	1	0.008665	0	0.02419	1	0.008955	0	0.185	0	0.0595	0	0.01916	1	0.10591	1	0.010245	1	0.0595	0	0.2045	1	0.352	1

Notes:
Units are mg/kg.
Operations area consists of DU-1, DU-2 and DU-2.
Non-detect results for individual PAHs presented as 1/2 the sample quantitation limit.
Detections are presented as 1 (detected concentration) or 0 (nondetected concentration).

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DU = Decision Unit
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Table D-6: Operations Area and Parcel E PAH Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Analyte	DU-2		DU-2		DU-2		DU-2		DU-3		DU-3		DU-3		DU-3		DU-3		DU-3		DU-3		DU-3		DU-3	
		TSB-GJ-04-0		TSB-GJ-05-0		TSB-GR-02-0		TSB-GR-02-0-FD		BDT-2-N-10-6BPC		BDT-2-N-10-6BPC_FD		BDT-2-N-15-4.0BPC		BDT-2-N-15-6.0BPC		BDT-2-N-20-4.0BPC		BDT-2-N-5-6BPC		BDT-2-N-5-8BPC		BDT-2-S-10-6BPC		BDT-2-S-15-6BPC		BDT-2-S-15-8BPC	
LMWPAH	1-Methylnaphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	0.018	0	0.017	0	0.017	0	0.0175	0	0.0105	0	0.01	0	0.01	0	0.0095	0	0.0105	0	0.0105	0	0.01	0	0.01	0	0.01	0	0.0105	0
	Acenaphthene	0.018	0	0.017	0	0.017	0	0.0175	0	0.0055	0	0.0055	0	0.0055	0	0.0055	0	0.0055	0	0.0055	0	0.0055	0	0.0055	0	0.0055	0	0.0055	0
	Acenaphthylene	0.018	0	0.017	0	0.017	0	0.0175	0	0.009	0	0.0085	0	0.009	0	0.0085	0	0.009	0	0.009	0	0.009	0	0.009	0	0.009	0	0.009	0
	Anthracene	0.018	0	0.017	0	0.017	0	0.0175	0	0.009	0	0.0085	0	0.009	0	0.0085	0	0.009	0	0.009	0	0.009	0	0.009	0	0.009	0	0.009	0
	Fluorene	0.018	0	0.017	0	0.017	0	0.0175	0	0.0095	0	0.009	0	0.0095	0	0.009	0	0.0095	0	0.0095	0	0.0095	0	0.0095	0	0.0095	0	0.01	0
	Naphthalene	0.018	0	0.017	0	0.017	0	0.0175	0	0.017	0	0.016	0	0.016	0	0.016	0	0.0165	0	0.017	0	0.016	0	0.016	0	0.0165	0	0.017	0
	Phenanthrene	0.018	0	0.017	0	0.017	0	0.0175	0	0.009	0	0.0085	0	0.009	0	0.0085	0	0.009	0	0.009	0	0.009	0	0.009	0	0.009	0	0.009	0
HMWPAH	Benzo(a)anthracene	0.018	0	0.017	0	0.017	0	0.0175	0	0.011	0	0.0105	0	0.0105	0	0.0105	0	0.011	0	0.011	0	0.0105	0	0.0105	0	0.0105	0	0.011	0
	Benzo(a)pyrene	0.018	0	0.017	0	0.017	0	0.0175	0	0.011	0	0.0105	0	0.0105	0	0.0105	0	0.011	0	0.011	0	0.0105	0	0.0105	0	0.0105	0	0.011	0
	Benzo(b)fluoranthene	0.018	0	0.017	0	0.017	0	0.0175	0	0.014	0	0.0135	0	0.0135	0	0.0135	0	0.014	0	0.014	0	0.0135	0	0.0135	0	0.014	0	0.014	0
	Benzo(g,h,i)perylene	0.018	0	0.017	0	0.017	0	0.0175	0	0.0085	0	0.008	0	0.0085	0	0.008	0	0.0085	0	0.0085	0	0.0085	0	0.0085	0	0.0085	0	0.0085	0
	Benzo(k)fluoranthene	0.018	0	0.017	0	0.017	0	0.0175	0	0.0215	0	0.0205	0	0.0205	0	0.0205	0	0.0215	0	0.0215	0	0.021	0	0.021	0	0.0215	0	0.0215	0
	Chrysene	0.018	0	0.017	0	0.017	0	0.0175	0	0.0145	0	0.014	0	0.014	0	0.014	0	0.0145	0	0.0145	0	0.014	0	0.014	0	0.0145	0	0.0145	0
	Dibenz(a,h)anthracene	0.018	0	0.017	0	0.017	0	0.0175	0	0.0105	0	0.01	0	0.01	0	0.0095	0	0.0105	0	0.0105	0	0.01	0	0.01	0	0.01	0	0.0105	0
	Fluoranthene	0.018	0	0.017	0	0.017	0	0.0175	0	0.0195	0	0.0185	0	0.0185	0	0.0185	0	0.0195	0	0.0195	0	0.019	0	0.0185	0	0.019	0	0.0195	0
	Indeno(1,2,3-cd)pyrene	0.018	0	0.017	0	0.017	0	0.0175	0	0.012	0	0.0115	0	0.0115	0	0.0115	0	0.012	0	0.012	0	0.0115	0	0.0115	0	0.0115	0	0.012	0
	Pyrene	0.018	0	0.017	0	0.017	0	0.0175	0	0.0065	0	0.006	0	0.0065	0	0.006	0	0.0065	0	0.0065	0	0.0065	0	0.0065	0	0.0065	0	0.0065	0
LMWPAH	Ramboll Calculated LMW PAHs (ND=0.5DL)	0.126	0	0.119	0	0.119	0	0.1225	0	0.0695	0	0.066	0	0.068	0	0.0655	0	0.069	0	0.0695	0	0.068	0	0.068	0	0.0685	0	0.07	0
HMWPAH	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.18	0	0.17	0	0.17	0	0.175	0	0.129	0	0.123	0	0.124	0	0.1225	0	0.129	0	0.129	0	0.125	0	0.1245	0	0.1265	0	0.129	0
TPAH	Ramboll Calculated Total PAHs (ND=0.5DL)	0.306	0	0.289	0	0.289	0	0.2975	0	0.1985	0	0.189	0	0.192	0	0.188	0	0.198	0	0.1985	0	0.193	0	0.1925	0	0.195	0	0.199	0

Notes:
Units are mg/kg.
Operations area consists of DU-1, DU-2 and DU-2.
Non-detect results for individual PAHs presented as 1/2 the sample quantitation limit.
Detections are presented as 1 (detected concentration) or 0 (nondetected concentration).

-- = Not analyzed
DL = Detection limit
DU = Decision Unit
HMW = High molecular weight
LMW = Low molecular weight
mg/kg = Milligrams per kilogram
ND = Not detected
PAH = Polycyclic aromatic hydrocarbon
TPAH = Total polycyclic aromatic hydrocarbon

Table D-6: Operations Area and Parcel E PAH Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Analyte	DU-3		DU-3		DU-3		DU-3		DU-3		DU-3		DU-3		DU-3		DU-3		DU-3		DU-3		DU-3		DU-3	
		BDT-2-S-20-6BPC		BDT-2-S-20-6BPC_FD		BDT-2-S-20-8BPC		BDT-2-S-5-8BPC		SA128-10B		SA15-10		SA15-10D		SA16-0.5		SA175-8BPC		SA197-0.5B		SA49-1.5BR		SA64-0.5B		SA65-10B		SA86-3BPC	
LMWPAH	1-Methylnaphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	0.01	0	0.01	0	0.01	0	0.0105	0	0.0003	0	0.195	0	0.18	0	0.175	0	0.01	0	0.0003	0	0.00175	0	0.000295	0	0.0003	0	0.01	0
	Acenaphthene	0.0055	0	0.0055	0	0.0055	0	0.0055	0	0.00055	0	0.195	0	0.18	0	0.175	0	0.0055	0	0.00055	0	0.0031	0	0.00055	0	0.00055	0	0.0055	0
	Acenaphthylene	0.009	0	0.009	0	0.009	0	0.0095	0	0.00039	0	0.195	0	0.18	0	0.175	0	0.009	0	0.00039	0	0.0023	0	0.000385	0	0.000395	0	0.009	0
	Anthracene	0.009	0	0.009	0	0.009	0	0.0095	0	0.00065	0	0.195	0	0.18	0	0.175	0	0.009	0	0.00065	0	0.0037	0	0.00065	0	0.00065	0	0.009	0
	Fluorene	0.0095	0	0.0095	0	0.0095	0	0.01	0	0.000365	0	0.195	0	0.18	0	0.175	0	0.0095	0	0.000365	0	0.00215	0	0.00036	0	0.000365	0	0.0095	0
	Naphthalene	0.016	0	0.0165	0	0.0165	0	0.017	0	0.0011	1	0.195	0	0.18	0	0.175	0	0.016	0	0.000445	0	0.0026	0	0.00044	0	0.000445	0	0.016	0
	Phenanthrene	0.009	0	0.009	0	0.009	0	0.0095	0	0.0025	1	0.195	0	0.18	0	0.175	0	0.009	0	0.00095	0	0.0055	0	0.00095	0	0.0036	1	0.02	1
HMWPAH	Benzo(a)anthracene	0.0105	0	0.0105	0	0.0105	0	0.011	0	0.0032	1	0.195	0	0.18	0	0.175	0	0.0105	0	0.000305	0	0.0018	0	0.0003	0	0.000305	0	0.032	1
	Benzo(a)pyrene	0.0105	0	0.0105	0	0.0105	0	0.011	0	0.0032	1	0.195	0	0.18	0	0.175	0	0.0105	0	0.000355	0	0.0021	0	0.00035	0	0.000355	0	0.035	1
	Benzo(b)fluoranthene	0.0135	0	0.014	0	0.014	0	0.0145	0	0.0006	0	0.195	0	0.18	0	0.175	0	0.0135	0	0.0006	0	0.0035	0	0.0006	0	0.0006	0	0.089	1
	Benzo(g,h,i)perylene	0.0085	0	0.0085	0	0.0085	0	0.009	0	0.00065	0	0.195	0	0.18	0	0.175	0	0.0085	0	0.00065	0	0.0037	0	0.00065	0	0.00065	0	0.038	1
	Benzo(k)fluoranthene	0.0205	0	0.021	0	0.021	0	0.022	0	0.00044	0	0.195	0	0.18	0	0.175	0	0.021	0	0.000435	0	0.0026	0	0.000435	0	0.00044	0	0.0205	0
	Chrysene	0.014	0	0.014	0	0.0145	0	0.015	0	0.0065	1	0.195	0	0.18	0	0.175	0	0.014	0	0.00055	0	0.00305	0	0.00055	0	0.00055	0	0.061	1
	Dibenz(a,h)anthracene	0.01	0	0.01	0	0.01	0	0.0105	0	0.000405	0	0.195	0	0.18	0	0.175	0	0.01	0	0.000405	0	0.0024	0	0.0004	0	0.00041	0	0.01	0
	Fluoranthene	0.0185	0	0.019	0	0.019	0	0.02	0	0.00075	0	0.195	0	0.18	0	0.175	0	0.019	0	0.00075	0	0.00435	0	0.00075	0	0.00075	0	0.053	1
	Indeno(1,2,3-cd)pyrene	0.0115	0	0.0115	0	0.0115	0	0.012	0	0.00047	0	0.195	0	0.18	0	0.175	0	0.0115	0	0.00047	0	0.00275	0	0.000465	0	0.00047	0	0.031	1
	Pyrene	0.006	0	0.0065	0	0.0065	0	0.0065	0	0.0025	1	0.195	0	0.18	0	0.175	0	0.0065	0	0.00055	0	0.003	0	0.00055	0	0.00055	0	0.048	1
LMWPAH	Ramboll Calculated LMW PAHs (ND=0.5DL)	0.068	0	0.0685	0	0.0685	0	0.0715	0	0.005855	1	1.365	0	1.26	0	1.225	0	0.068	0	0.00365	0	0.0211	0	0.00363	0	0.006305	1	0.079	1
HMWPAH	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.1235	0	0.1255	0	0.126	0	0.1315	0	0.018715	1	1.95	0	1.8	0	1.75	0	0.125	0	0.00507	0	0.02925	0	0.00505	0	0.00508	0	0.4175	1
TPAH	Ramboll Calculated Total PAHs (ND=0.5DL)	0.1915	0	0.194	0	0.1945	0	0.203	0	0.02457	1	3.315	0	3.06	0	2.975	0	0.193	0	0.00872	0	0.05035	0	0.00868	0	0.011385	1	0.4965	1

Notes:
Units are mg/kg.
Operations area consists of DU-1, DU-2 and DU-2.
Non-detect results for individual PAHs presented as 1/2 the sample quantitation limit.
Detections are presented as 1 (detected concentration) or 0 (nondetected concentration).

-- = Not analyzed
DL = Detection limit
DU = Decision Unit
HMW = High molecular weight
LMW = Low molecular weight
mg/kg = Milligrams per kilogram
ND = Not detected
PAH = Polycyclic aromatic hydrocarbon
TPAH = Total polycyclic aromatic hydrocarbon

Table D-6: Operations Area and Parcel E PAH Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Analyte	DU-3		DU-3		DU-3		DU-3		NA-Parcel E		NA-Parcel E		NA-Parcel E		NA-Parcel E		NA-Parcel E		NA-Parcel E		NA-Parcel E	
		SA86-4BPC		SSAM7-04-1BPC		TSB-GJ-02-0		TSB-GJ-02-0-FD		RISB-EJ-01-1.0-20180926		RISB-EJ-02-1.0-20180924		RISB-EJ-03-1.0-20180925		RISB-EJ-03-1.0-20180925-FD		RISB-EJ-04-1.0-20180925		RISB-ER-01-1.0-20180925		RISB-ER-02-1.0-20180924		RISB-ER-03-1.0-20180925	
LMWPAH	1-Methylnaphthalene	--	--	--	--	--	--	--	--	0.075	0	0.075	0	0.075	0	0.075	0	0.08	0	0.08	0	0.075	0	0.075	0
	2-Methylnaphthalene	0.0095	0	0.01	0	0.017	0	0.0175	0	0.036	0	0.0355	0	0.036	0	0.036	0	0.037	0	0.0365	0	0.036	0	0.036	0
	Acenaphthene	0.005	0	0.0055	0	0.017	0	0.0175	0	0.00205	0	0.002	0	0.00205	0	0.00205	0	0.00215	0	0.00205	0	0.00205	0	0.00205	0
	Acenaphthylene	0.0085	0	0.009	0	0.017	0	0.0175	0	0.00205	0	0.002	0	0.00205	0	0.00205	0	0.00215	0	0.00205	0	0.00205	0	0.00205	0
	Anthracene	0.0085	0	0.009	0	0.017	0	0.0175	0	0.00205	0	0.002	0	0.00205	0	0.00205	0	0.00215	0	0.00205	0	0.00205	0	0.00205	0
	Fluorene	0.009	0	0.0095	0	0.017	0	0.0175	0	0.00205	0	0.002	0	0.00205	0	0.00205	0	0.00215	0	0.00205	0	0.00205	0	0.00205	0
	Naphthalene	0.0155	0	0.016	0	0.017	0	0.0175	0	0.00205	0	0.002	0	0.00205	0	0.00205	0	0.0051	1	0.00205	0	0.00205	0	0.00205	0
	Phenanthrene	0.0085	0	0.009	0	0.017	0	0.0175	0	0.00205	0	0.002	0	0.00205	0	0.00205	0	0.00215	0	0.00205	0	0.00205	0	0.00205	0
HMWPAH	Benzo(a)anthracene	0.01	0	0.0105	0	0.017	0	0.0175	0	0.00205	0	0.002	0	0.00205	0	0.00205	0	0.00215	0	0.00205	0	0.00205	0	0.00205	0
	Benzo(a)pyrene	0.01	0	0.0105	0	0.017	0	0.0175	0	0.00205	0	0.002	0	0.00205	0	0.00205	0	0.00215	0	0.00205	0	0.00205	0	0.00205	0
	Benzo(b)fluoranthene	0.013	0	0.0135	0	0.017	0	0.0175	0	0.00205	0	0.002	0	0.00205	0	0.00205	0	0.00215	0	0.00205	0	0.00205	0	0.00205	0
	Benzo(g,h,i)perylene	0.008	0	0.0085	0	0.017	0	0.0175	0	0.00205	0	0.002	0	0.00205	0	0.00205	0	0.00215	0	0.00205	0	0.00205	0	0.00205	0
	Benzo(k)fluoranthene	0.02	0	0.021	0	0.017	0	0.0175	0	0.00205	0	0.002	0	0.00205	0	0.00205	0	0.00215	0	0.00205	0	0.00205	0	0.00205	0
	Chrysene	0.0135	0	0.014	0	0.017	0	0.0175	0	0.00205	0	0.002	0	0.00205	0	0.00205	0	0.00215	0	0.00205	0	0.00205	0	0.00205	0
	Dibenz(a,h)anthracene	0.0095	0	0.01	0	0.017	0	0.0175	0	0.00205	0	0.002	0	0.00205	0	0.00205	0	0.00215	0	0.00205	0	0.00205	0	0.00205	0
	Fluoranthene	0.018	0	0.019	0	0.017	0	0.0175	0	0.00205	0	0.002	0	0.00205	0	0.00205	0	0.00215	0	0.00205	0	0.00205	0	0.00205	0
	Indeno(1,2,3-cd)pyrene	0.011	0	0.0115	0	0.017	0	0.0175	0	0.00205	0	0.002	0	0.00205	0	0.00205	0	0.00215	0	0.00205	0	0.00205	0	0.00205	0
	Pyrene	0.006	0	0.0065	0	0.017	0	0.0175	0	0.00205	0	0.002	0	0.00205	0	0.00205	0	0.00215	0	0.00205	0	0.00205	0	0.00205	0
LMWPAH	Ramboll Calculated LMW PAHs (ND=0.5DL)	0.0645	0	0.068	0	0.119	0	0.1225	0	0.1233	0	0.1225	0	0.1233	0	0.1233	0	0.13285	1	0.1288	0	0.1233	0	0.1233	0
HMWPAH	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.119	0	0.125	0	0.17	0	0.175	0	0.0205	0	0.02	0	0.0205	0	0.0205	0	0.0215	0	0.0205	0	0.0205	0	0.0205	0
TPAH	Ramboll Calculated Total PAHs (ND=0.5DL)	0.1835	0	0.193	0	0.289	0	0.2975	0	0.1438	0	0.1425	0	0.1438	0	0.1438	0	0.15435	1	0.1493	0	0.1438	0	0.1438	0

Notes:
Units are mg/kg.
Operations area consists of DU-1, DU-2 and DU-2.
Non-detect results for individual PAHs presented as 1/2 the sample quantitation limit.
Detections are presented as 1 (detected concentration) or 0 (nondetected concentration).

-- = Not analyzed
DL = Detection limit
DU = Decision Unit
HMW = High molecular weight
LMW = Low molecular weight
mg/kg = Milligrams per kilogram
ND = Not detected
PAH = Polycyclic aromatic hydrocarbon
TPAH = Total polycyclic aromatic hydrocarbon

APPENDIX D-7
OPERATIONS AREA AND PARCEL E DDX CALCULATIONS

Table D-7 Operations Area and Parcel E DDx Calculations

Table D-7: Operations Area and Parcel E DDx Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Analyte	DU-1 BDT-4-N-10-10BPC		DU-1 BDT-4-N-10-12BPC		DU-1 BDT-4-N-15-2BPC		DU-1 BDT-4-N-15-2BPC_FD		DU-1 BDT-4-N-15-4BPC		DU-1 BDT-4-N-20-4.0BPC		DU-1 BDT-4-S-15-2BPC		DU-1 BDT-4-S-20-2BPC		DU-1 CS-C10B-1		DU-1 CS-E14C-1		DU-1 DS-D27-1		DU-1 EE-E14C-1		DU-1 M-161D-0.5-20141203		DU-1 M-162D-0.5-20141209		DU-1 RIDB-1-0.5-20170308		DU-1 RIDB-2-0.5-20170309	
2,4'-DDD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4'-DDE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0058	1	0.035	1	0.0043	1	0.0008	0
4,4'-DDD	0.000295	0	0.00029	0	0.000285	0	0.00027	0	0.00029	0	0.00029	0	0.000265	0	0.000285	0	0.006	0	0.000285	0	0.0027	1	0.00029	0	0.00075	0	0.00075	0	0.00075	0	0.0008	0
4,4'-DDE	0.00013	0	0.000125	0	0.000125	0	0.00012	0	0.00062	1	0.000125	0	0.003	1	0.0059	1	0.0075	1	0.0013	1	0.081	1	0.00041	1	0.01	1	0.081	1	0.01	1	0.0008	0
4,4'-DDT	0.00032	0	0.00031	0	0.000305	0	0.000295	0	0.000315	0	0.00031	0	0.00091	1	0.0023	1	0.006	0	0.00079	1	0.014	1	0.000315	0	0.0032	1	0.08	1	0.0063	1	0.0008	0
Calculated DDx (ND=0.5DL)	0.000745	0	0.000725	0	0.000715	0	0.000685	0	0.001225	1	0.000725	0	0.004175	1	0.008485	1	0.0195	1	0.002375	1	0.0977	1	0.001015	1	0.01975	1	0.19675	1	0.02135	1	0.0032	0

Analyte	DU-1 RIDB-3-0.5-20170310		DU-1 RIDB-4-0.5-20170306		DU-1 RIDB-5-0.5-20170311		DU-1 RIDB-6-0.5-20170225		DU-1 RIDB-7-0.5-20170312		DU-1 RIDB-7-0.5-20170312-FD		DU-1 RISB-09-0.5-20141211		DU-1 RISB-10-0.5-20141215		DU-1 RISB-11-0.5-20141217		DU-1 RISB-12-0.5-20141215		DU-1 RISB-13-0.5-20141217		DU-1 RISB-14-0.5-20141216		DU-1 RISB-39-0.5-20141121		DU-1 RISB-40-0.5-20141121		DU-1 RISB-41-0.5-20141121		DU-1 RISB-41-0.5-20141121-FD	
2,4'-DDD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4'-DDE	0.0008	0	0.0036	1	0.0008	0	0.0066	1	0.0008	0	0.0008	0	0.00075	0	0.00075	0	0.00235	0	0.0027	1	0.0008	0	0.006	1	0.0093	1	0.033	1	0.0018	1	0.0019	1
4,4'-DDD	0.0008	0	0.0008	0	0.0008	0	0.016	1	0.0008	0	0.0008	0	0.00075	0	0.00075	0	0.00235	0	0.0008	0	0.0008	0	0.0008	0	0.0008	0	0.00075	0	0.0008	0	0.0008	0
4,4'-DDE	0.0008	0	0.0085	1	0.0008	0	0.016	1	0.0008	0	0.0008	0	0.00075	0	0.00075	0	0.00235	0	0.0049	1	0.0034	1	0.011	1	0.015	1	0.071	1	0.003	1	0.0027	1
4,4'-DDT	0.0008	0	0.0024	1	0.0008	0	0.016	1	0.0008	0	0.0008	0	0.00075	0	0.00075	0	0.00235	0	0.0086	1	0.0018	1	0.0039	1	0.0099	1	0.045	1	0.0008	0	0.0008	0
Calculated DDx (ND=0.5DL)	0.0032	0	0.0153	1	0.0032	0	0.0546	1	0.0032	0	0.0032	0	0.003	0	0.003	0	0.0094	0	0.017	1	0.0068	1	0.0217	1	0.035	1	0.14975	1	0.0064	1	0.0062	1

Analyte	DU-1 RISB-47-0.5-20141120		DU-1 RISB-48-0.5-20141120		DU-1 RIT-1-03-20141112		DU-1 RIT-1-04-20141112		DU-1 RIT-1-05-20141112		DU-1 RIT-2-01-20141112		DU-1 RIT-2-02-20141112		DU-1 RIT-2-03-20141112		DU-1 RIT-2-03-20141112-FD		DU-1 RIT-2-04-20141113		DU-1 RIT-2-05-20141113		DU-1 RIT-3-01-20141113		DU-1 RIT-3-02-20141113		DU-1 RIT-3-03-20141113		DU-1 RIT-3-03-20141113-FD		DU-1 RIT-3-04-20141113	
2,4'-DDD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4'-DDE	0.0044	1	0.00075	0	0.016	1	0.0008	0	0.00075	0	0.0008	0	0.002	1	0.0032	1	0.004	1	0.0008	0	0.00165	0	0.0008	0	0.00075	0	0.0008	0	0.0008	0	0.0008	0
4,4'-DDD	0.00075	0	0.00075	0	0.0039	0	0.0008	0	0.00075	0	0.0008	0	0.0008	0	0.00075	0	0.00075	0	0.0008	0	0.00165	0	0.0008	0	0.00075	0	0.0008	0	0.0008	0	0.0008	0
4,4'-DDE	0.00075	0	0.00075	0	0.0089	1	0.0051	1	0.0032	1	0.0008	0	0.0008	0	0.0038	1	0.0033	1	0.0008	0	0.00165	0	0.0008	0	0.0049	1	0.0008	0	0.0008	0	0.0008	0
4,4'-DDT	0.0046	1	0.0042	1	0.021	1	0.0008	0	0.00075	0	0.0008	0	0.0008	0	0.0024	1	0.00075	0	0.0008	0	0.00165	0	0.0008	0	0.00075	0	0.0008	0	0.0008	0	0.0019	1
Calculated DDx (ND=0.5DL)	0.0105	1	0.00645	1	0.0498	1	0.0075	1	0.00545	1	0.0032	0	0.0044	1	0.01015	1	0.0088	1	0.0032	0	0.0066	0	0.0032	0	0.00715	1	0.0032	0	0.0032	0	0.0043	1

Analyte	DU-1 RIT-3-05-20141113		DU-1 RSAI4-0.5B		DU-1 RSAI5-0.5B		DU-1 RSAI7-0.5B		DU-1 RSAJ5-0.5B		DU-1 RSAK4-0.5B		DU-1 RSAK4009-0.5B		DU-1 RSAK6-0.5B		DU-1 RSAL4-0.5B		DU-1 RSAL4009-0.5B		DU-1 RSAL5-0.5B		DU-1 RSAL6-0.5B		DU-1 RSAL7-0.5B		DU-1 RSAL8-0.5B		DU-1 RSAM2-0.5B		DU-1 RSAM4-0.5B	
2,4'-DDD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4'-DDE	0.00075	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDD	0.00075	0	0.0009	0	0.0009	0	0.000095	0	0.0095	0	0.009	0	0.043	0	0.0009	0	0.0018	0	0.009	0	0.009	0	0.0009	0	0.0009	0	0.009	0	0.0009	0	0.009	0
4,4'-DDE	0.0021	1	0.0009	0	0.0009	0	0.000039	0	0.0095	0	0.009	0	0.043	0	0.0009	0	0.0018	0	0.009	0	0.037	1	0.0031	1	0.0009	0	0.009	0	0.0009	0	0.009	0
4,4'-DDT	0.00075	0	0.0009	0	0.0009	0	0.000085	0	0.0095	0	0.009	0	0.043	0	0.0009	0	0.0018	0	0.009	0	0.022	1	0.0009	0	0.0009	0	0.009	0	0.0009	0	0.009	0
Calculated DDx (ND=0.5DL)	0.00435	1	0.0027	0	0.0027	0	0.000219	0	0.0285	0	0.027	0	0.129	0	0.0027	0	0.0054	0	0.027	0	0.068	1	0.0049	1	0.0027	0	0.027	0	0.0027	0	0.027	0

Analyte	DU-1 RSAM6-0.5B		DU-1 RSAM7-0.5B		DU-1 RSAM8-0.5B		DU-1 RSAN3-0.5B		DU-1 RSAN4-0.5B		DU-1 RSAN5-0.5B		DU-1 RSAO2-0.5B		DU-1 RSAO3-0.5B		DU-1 RSAO5-0.5B		DU-1 RSAO6-0.5B		DU-1 RSAO7-9B		DU-1 RSAO8-11.5B		DU-1 SA11-0.5		DU-1 SA11-0.5D		DU-1 SA12-0.5		DU-1 SA166-0.5B	
2,4'-DDD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4'-DDE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDD	0.0009	0	0.0009	0	0.009	0	0.00095	0	0.00095	0	0.00175	0	0.000095	0	0.009	0	0.009	0	0.0009	0	0.0009	0	0.0009	0	0.0009	0	0.00095	0	0.00095	0	0.009	0
4,4'-DDE	0.0021	1	0.0031	1	0.009	0	0.00095	0	0.00095	0	0.00175	0	0.0091	1	0.009	0	0.009	0	0.0009	0	0.0009	0	0.0009	0	0.012	1	0.00095	0	0.00095	0	0.19	1
4,4'-DDT	0.0009	0	0.0055	1	0.009	0	0.0025	1	0.00095	0	0.0036	1	0.0039	1	0.009	0	0.009	0	0.0009	0	0.0009	0	0.0009	0	0.0009	0	0.00095	0	0.00095	0	0.009	0
Calculated DDx (ND=0.5DL)	0.0039	1	0.0095	1	0.027	0	0.0044	1	0.00285	0	0.0071	1	0.013095	1	0.027	0	0.027	0	0.0027	0	0.0027	0	0.0027	0	0.0138	1	0.00285	0	0.00285	0	0.208	1

Analyte	DU-1 SA176-0.5B		DU-1 SA18-0.5		DU-1 SA18-0.5D		DU-1 SA180-0.5B		DU-1 SA180-0.5BD		DU-1 SA19-0.5		DU-1 SA20-0.5		DU-1 SA20-0.5D		DU-1 SA21-0.5		DU-1 SA35-0.5B		DU-1 SA67-0.5B		DU-1 SA73-0.5B		DU-1 SA85-0.5B		DU-1 SA87-0.5B		DU-1 SA92-0.5B		DU-1 SSAI3-02-14BPC	
2,4'-DDD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4'-DDE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDD	0.009	0	0.00095	0	0.0009	0	0.000095	0	0.0079	1	0.00095	0	0.00095	0	0.0105	0	0.0009	0	0.0009	0	0.0046	1	0.00095	0	0.009	0	0.000095	0	0.009	0	0.000285	0
4,4'-DDE	0.009	0	0.00095	0	0.0009	0	0.74	1	0.6	1	0.00095	0	0.00095	0	0.0105	0	0.0009	0	0.015	1	0.25	1	0.00095	0	0.048	1	0.000039	0	0.047	1	0.000125	0
4,4'-DDT	0.009	0	0.0021	1	0.0009	0	0.16	1	0.12	1	0.00095	0	0.00095	0	0.0105	0	0.0009	0	0.0009	0	0.034	1	0.00095	0	0.009	0	0.000085	0	0.035	1	0.00031	0
Calculated DDx (ND=0.5DL)	0.027	0	0.004	1	0.0027	0	0.900095	1	0.7279	1	0.00285	0	0.00285	0	0.0315	0	0.0027	0	0.0168	1	0.2886	1	0.00285	0	0.066	1	0.000219	0	0.091	1	0.00072	0

Analyte	DU-1 SSAJ3-05-8BPC		DU-1 SSAJ3-07-5BPC		DU-1 SSAL3-05-1BPC		DU-1 SSAM3-01-2BPC		DU-1 SSAM3-01-3BPC		DU-2 RSAP7-0.5B		DU-2 RSAQ6-0.5B		DU-2 RSAQ7-0.5B		DU-2 RSAS3-0.5B		DU-2 RSAS3009-0.5B		DU-2 RSAT6-0.5B		DU-2 RSAU4-0.5B		DU-2 RSAU5-0.5B		DU-2 SA103-0.5B		DU-2 SA121-0.5B		DU-2 SA121009-0.5B	
2,4'-DDD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4'-DDE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDD	0.000285	0	0.00028	0	0.000315	0	0.0305	0	0.0145	0	0.00095	0	0.00095	0	0.00095	0	0.0009	0	0.0009	0	0.0009	0	0.00095	0	0.0009	0	0.009	0	0.00095	0	0.00095	0
4,4'-DDE	0.0025	1	0.0043	1	0.000135	0	3.5	1	1.3	1	0.00095	0	0.00095	0	0.00095	0	0.0009	0	0.0009	0	0.0009	0	0.0076	1	0.0045	1	0.1	1	0.0026	1	0.0045	1
4,4'-DDT	0.0017	1	0.0016	1	0.00034	0	0.77	1	0.24	1	0.00095	0	0.00095	0	0.00095	0	0.0009	0	0.0009	0	0.0009	0	0.013	1	0.0066	1	0.058	1	0.00095	0	0.0033	1
Calculated DDx (ND=0.5DL)	0.004485	1	0.00618	1	0.00079	0	4.3005	1	1.5545	1	0.00285	0	0.00285	0	0.00285	0	0.0027	0	0.0027	0	0.0027	0	0.02155	1	0.012	1	0.167	1	0.0045	1	0.00875	1

Table D-7: Operations Area and Parcel E DDx Calculations
Nevada Environmental Response Trust Site
Henderson, Nevada

Analyte	DU-2		DU-2		DU-2		DU-2		DU-2		DU-2		DU-2		DU-3		DU-3		DU-3		DU-3		DU-3	
	SA138-0.5B		SA2-0.5		SA7-0.5		TSB-GJ-03-0		TSB-GJ-04-0		TSB-GJ-05-0		TSB-GR-02-0		TSB-GR-02-0-FD		SA128-10B		SA15-10		SA16-0.5		SSAM5-03-5BPC		TSB-GJ-02-0		TSB-GJ-02-0-FD	
2,4'-DDD	--	--	--	--	--	--	0.00455	0	0.0006	0	0.00006	0	0.00006	0	0.00006	0	--	--	--	--	--	--	--	--	0.00006	0	0.00006	0
2,4'-DDE	--	--	--	--	--	--	0.0036	0	0.042	1	0.000046	0	0.000046	0	0.0018	1	--	--	--	--	--	--	--	--	0.0000465	0	0.0000475	0
4,4'-DDD	0.0009	0	0.0009	0	0.0009	0	0.0065	0	0.00085	0	0.000085	0	0.000085	0	0.000085	0	0.00095	0	0.01	0	0.0009	0	0.00165	0	0.000085	0	0.000085	0
4,4'-DDE	0.0009	0	0.0009	0	0.0009	0	0.01	0	0.91	1	0.00013	0	0.0023	1	0.025	1	0.00095	0	0.065	1	0.0009	0	0.037	1	0.00013	0	0.000135	0
4,4'-DDT	0.0009	0	0.0009	0	0.0009	0	0.017	0	0.61	1	0.00022	0	0.0034	1	0.069	1	0.00095	0	0.052	1	0.0009	0	0.057	1	0.00022	0	0.000225	0
Calculated DDx (ND=0.5DL)	0.0027	0	0.0027	0	0.0027	0	0.04165	0	1.56345	1	0.000541	0	0.005891	1	0.095945	1	0.00285	0	0.127	1	0.0027	0	0.09565	1	0.0005415	0	0.0005525	0

Analyte	Parcel E		Parcel E		Parcel E		Parcel E		Parcel E		Parcel E		Parcel E		Parcel E	
	RISB-EJ-01-1.0-20180926		RISB-EJ-02-1.0-20180924		RISB-EJ-03-1.0-20180925		RISB-EJ-03-1.0-20180925-FD		RISB-EJ-04-1.0-20180925		RISB-ER-01-1.0-20180925		RISB-ER-02-1.0-20180924		RISB-ER-03-1.0-20180925	
2,4'-DDD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4'-DDE	0.00075	0	0.00075	0	0.00075	0	0.00075	0	0.0025	1	0.0008	0	0.00075	0	0.00075	0
4,4'-DDD	0.00075	0	0.00075	0	0.00075	0	0.00075	0	0.0008	0	0.0008	0	0.00075	0	0.00075	0
4,4'-DDE	0.00075	0	0.0024	1	0.00075	0	0.00075	0	0.017	1	0.0008	0	0.0024	1	0.00075	0
4,4'-DDT	0.00075	0	0.00075	0	0.00075	0	0.00075	0	0.0035	1	0.0008	0	0.00075	0	0.00075	0
Calculated DDx (ND=0.5DL)	0.003	0	0.00465	1	0.003	0	0.003	0	0.0238	1	0.0032	0	0.00465	1	0.003	0

Notes:
Units are mg/kg.
Operations area consists of DU-1, DU-2 and DU-2.
Non-detect results for individual DDx compounds presented as 1/2 the sample quantitation limit.
Detections are presented as 1 (detected concentration) or 0 (nondetected concentration).

-- = Not analyzed
DDD = Dichlorodiphenyldichloroethylene
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and its major metabolites, DDD and DDE.
DL = Detection limit
mg/kg = Milligrams per kilogram
ND = Not detected

APPENDIX E
BACKGROUND DATA

E-1 Background Data Used in the OU-1 Refined SLERA

E-2 Background Statistical Evaluation

APPENDIX E-1
BACKGROUND DATA USED IN THE OU-1 REFINED SLERA

Table E-1 Background Data Used in the OU-1 Refined SLERA

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Actinium-227	-0.19	U	pCi/g	0.46	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Actinium-227	-0.29	U	pCi/g	0.43	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Actinium-227	-0.41	U	pCi/g	0.45	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Actinium-227	0.1	U	pCi/g	0.48	0.85	0.85	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Actinium-227	-0.003	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Actinium-227	-0.36	U	pCi/g	0.46	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Actinium-227	-0.02	U	pCi/g	0.48	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Actinium-227	-0.17	U	pCi/g	0.51	0.87	0.87	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Actinium-227	0.24	U	pCi/g	0.52	0.93	0.93	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Actinium-227	0.34	U	pCi/g	0.44	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Actinium-227	0.14	U	pCi/g	0.47	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Actinium-227	-0.11	U	pCi/g	0.42	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Actinium-227	0.08	U	pCi/g	0.45	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Actinium-227	0.23	U	pCi/g	0.48	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Actinium-227	0.15	U	pCi/g	0.42	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Actinium-227	0.2	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Actinium-227	0.36	U	pCi/g	0.47	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Actinium-227	-0.09	U	pCi/g	0.43	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Actinium-227	0.38	U	pCi/g	0.52	0.97	0.97	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Actinium-227	-0.38	U	pCi/g	0.51	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Actinium-227	-0.19	U	pCi/g	0.45	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Actinium-227	0.27	U	pCi/g	0.45	0.82	0.82	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Actinium-227	0.02	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Actinium-227	-0.16	U	pCi/g	0.37	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Actinium-227	0.13	U	pCi/g	0.48	0.87	0.87	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Actinium-227	0.13	U	pCi/g	0.43	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Actinium-227	-0.27	U	pCi/g	0.48	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Actinium-227	-0.22	U	pCi/g	0.41	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Actinium-227	-0.11	U	pCi/g	0.36	0.62	0.62	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Actinium-227	-0.25	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Actinium-227	0.06	U	pCi/g	0.41	0.74	0.74	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Actinium-227	-0.15	U	pCi/g	0.39	0.66	0.66	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Actinium-227	0.12	U	pCi/g	0.34	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Actinium-227	-0.27	U	pCi/g	0.41	0.68	0.68	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Actinium-227	-0.42	U	pCi/g	0.42	0.66	0.66	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Actinium-227	0.15	U	pCi/g	0.38	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Actinium-227	0.04	U	pCi/g	0.44	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Actinium-227	0.36	U	pCi/g	0.41	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Actinium-227	0.3	U	pCi/g	0.52	0.95	0.95	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Actinium-227	0.23	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Actinium-227	0.13	U	pCi/g	0.45	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Actinium-227	-0.03	U	pCi/g	0.43	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Actinium-227	0.008	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Actinium-227	-0.05	U	pCi/g	0.41	0.72	0.72	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Actinium-227	-0.13	U	pCi/g	0.41	0.71	0.71	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Actinium-227	0.02	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Actinium-227	0.06	U	pCi/g	0.44	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Actinium-227	-0.28	U	pCi/g	0.46	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Actinium-227	0.21	U	pCi/g	0.47	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Actinium-227	-0.02	U	pCi/g	0.49	0.87	0.87	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Actinium-227	-0.29	U	pCi/g	0.51	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Actinium-227	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Actinium-227	-0.07	U	pCi/g	0.44	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Actinium-227	0.2	U	pCi/g	0.4	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Actinium-227	-0.02	U	pCi/g	0.42	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Actinium-227	0.11	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Actinium-227	-0.27	U	pCi/g	0.41	0.69	0.69	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Actinium-227	-0.32	U	pCi/g	0.43	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Actinium-227	-0.37	U	pCi/g	0.46	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Actinium-227	-0.13	U	pCi/g	0.45	0.78	0.78	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Actinium-227	0.12	U	pCi/g	0.46	0.84	0.84	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Actinium-227	-0.11	U	pCi/g	0.42	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Actinium-227	0.03	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Actinium-227	-0.05	U	pCi/g	0.38	0.68	0.68	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Actinium-227	-0.24	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Actinium-227	-0.18	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Actinium-227	-0.11	U	pCi/g	0.47	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Actinium-227	-0.12	U	pCi/g	0.4	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Actinium-227	0.13	U	pCi/g	0.44	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Actinium-227	-0.24	U	pCi/g	0.44	0.74	0.74	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Actinium-227	-0.17	U	pCi/g	0.49	0.83	0.83	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Actinium-227	-0.32	U	pCi/g	0.35	0.58	0.58	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Actinium-227	0.03	U	pCi/g	0.48	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Actinium-227	-0.27	U	pCi/g	0.45	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Actinium-227	0.14	U	pCi/g	0.46	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Actinium-227	0.13	U	pCi/g	0.42	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Actinium-227	0.37	U	pCi/g	0.49	0.91	0.91	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Actinium-227	-0.29	U	pCi/g	0.38	0.62	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Actinium-227	-0.52	U	pCi/g	0.47	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Actinium-227	0.31	U	pCi/g	0.4	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Actinium-227	-0.49	U	pCi/g	0.38	0.59	0.59	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Actinium-227	0.4	U	pCi/g	0.49	0.93	0.93	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Actinium-227	-0.33	U	pCi/g	0.44	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Actinium-227	-0.06	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Actinium-227	-0.29	U	pCi/g	0.47	0.77	0.77	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Actinium-227	-0.1	U	pCi/g	0.39	0.68	0.68	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Actinium-227	0.26	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Actinium-227	-0.07	U	pCi/g	0.38	0.67	0.67	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Actinium-227	0.03	U	pCi/g	0.46	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Actinium-227	-0.15	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Actinium-227	0.06	U	pCi/g	0.42	0.75	0.75	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Actinium-227	-0.04	U	pCi/g	0.39	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Actinium-227	0.03	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Actinium-227	-0.2	U	pCi/g	0.51	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Actinium-227	-0.06	U	pCi/g	0.4	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Actinium-228	2.01		pCi/g	0.75	0.37	0.37	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Actinium-228	2.19		pCi/g	0.73	0.36	0.36	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Actinium-228	1.74		pCi/g	0.66	0.39	0.39	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Actinium-228	2.53		pCi/g	0.83	0.44	0.44	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Actinium-228	1.96		pCi/g	0.72	0.46	0.46	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Actinium-228	2.05		pCi/g	0.71	0.38	0.38	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Actinium-228	2.2		pCi/g	0.8	0.57	0.57	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Actinium-228	2.66		pCi/g	0.85	0.33	0.33	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Actinium-228	1.72		pCi/g	0.63	0.42	0.42	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Actinium-228	1.98		pCi/g	0.71	0.36	0.36	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Actinium-228	1.84		pCi/g	0.69	0.39	0.39	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Actinium-228	1.9		pCi/g	0.66	0.37	0.37	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Actinium-228	2.05		pCi/g	0.69	0.39	0.39	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Actinium-228	2.28		pCi/g	0.79	0.41	0.41	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Actinium-228	2		pCi/g	0.69	0.37	0.37	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Actinium-228	1.65		pCi/g	0.63	0.42	0.42	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Actinium-228	2.35		pCi/g	0.79	0.33	0.33	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Actinium-228	2.32		pCi/g	0.77	0.33	0.33	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Actinium-228	2.2		pCi/g	0.75	0.43	0.43	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Actinium-228	1.67		pCi/g	0.69	0.39	0.39	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Actinium-228	2		pCi/g	0.7	0.42	0.42	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Actinium-228	1.37		pCi/g	0.62	0.43	0.43	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Actinium-228	2.04		pCi/g	0.79	0.41	0.41	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Actinium-228	1.51		pCi/g	0.58	0.29	0.29	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Actinium-228	2.05		pCi/g	0.76	0.38	0.38	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Actinium-228	1.71		pCi/g	0.66	0.39	0.39	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Actinium-228	1.71		pCi/g	0.66	0.42	0.42	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Actinium-228	1.36		pCi/g	0.51	0.4	0.4	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Actinium-228	1.24		pCi/g	0.51	0.35	0.35	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Actinium-228	1.48		pCi/g	0.54	0.32	0.32	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Actinium-228	1.79		pCi/g	0.64	0.43	0.43	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Actinium-228	2.04		pCi/g	0.7	0.36	0.36	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Actinium-228	1.55		pCi/g	0.6	0.32	0.32	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Actinium-228	2.03		pCi/g	0.7	0.36	0.36	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Actinium-228	1.32		pCi/g	0.53	0.33	0.33	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Actinium-228	1.94		pCi/g	0.62	0.39	0.39	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Actinium-228	1.3		pCi/g	0.55	0.36	0.36	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Actinium-228	1.76		pCi/g	0.66	0.41	0.41	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Actinium-228	2.28		pCi/g	0.77	0.43	0.43	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Actinium-228	2.29		pCi/g	0.72	0.37	0.37	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Actinium-228	2.32		pCi/g	0.74	0.35	0.35	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Actinium-228	2.43		pCi/g	0.77	0.3	0.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Actinium-228	1.81		pCi/g	0.68	0.37	0.37	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Actinium-228	2.27		pCi/g	0.73	0.34	0.34	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Actinium-228	2.17		pCi/g	0.74	0.35	0.35	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Actinium-228	2.33		pCi/g	0.79	0.4	0.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Actinium-228	2.01		pCi/g	0.75	0.47	0.47	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Actinium-228	1.68		pCi/g	0.66	0.38	0.38	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Actinium-228	2.12		pCi/g	0.81	0.39	0.39	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Actinium-228	3.4		pCi/g	1.1	0.5	0.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Actinium-228	1.78		pCi/g	0.65	0.42	0.42	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Actinium-228	1.71		pCi/g	0.59	0.39	0.39	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Actinium-228	1.71		pCi/g	0.63	0.34	0.34	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Actinium-228	2.09		pCi/g	0.74	0.47	0.47	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Actinium-228	1.64		pCi/g	0.65	0.41	0.41	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Actinium-228	1.69		pCi/g	0.65	0.37	0.37	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Actinium-228	1.59		pCi/g	0.58	0.31	0.31	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Actinium-228	1.7		pCi/g	0.63	0.38	0.38	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Actinium-228	1.18		pCi/g	0.53	0.41	0.41	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Actinium-228	1.77		pCi/g	0.6	0.45	0.45	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Actinium-228	1.55		pCi/g	0.57	0.32	0.32	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Actinium-228	1.61		pCi/g	0.57	0.34	0.34	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Actinium-228	1.42		pCi/g	0.57	0.38	0.38	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Actinium-228	1.76		pCi/g	0.59	0.32	0.32	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Actinium-228	1.24		pCi/g	0.6	0.36	0.36	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Actinium-228	1.55		pCi/g	0.61	0.41	0.41	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Actinium-228	1.68		pCi/g	0.62	0.36	0.36	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Actinium-228	1.39		pCi/g	0.54	0.39	0.39	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Actinium-228	2.05		pCi/g	0.73	0.31	0.31	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Actinium-228	2.56		pCi/g	0.77	0.34	0.34	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Actinium-228	2.08		pCi/g	0.71	0.42	0.42	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Actinium-228	1.91		pCi/g	0.62	0.22	0.22	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Actinium-228	1.47		pCi/g	0.59	0.38	0.38	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Actinium-228	2.52		pCi/g	0.81	0.44	0.44	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Actinium-228	1.8		pCi/g	0.68	0.4	0.4	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Actinium-228	2.24		pCi/g	0.71	0.37	0.37	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Actinium-228	1.8		pCi/g	0.69	0.4	0.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Actinium-228	1.56		pCi/g	0.59	0.42	0.42	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Actinium-228	1.61		pCi/g	0.64	0.37	0.37	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Actinium-228	1.51		pCi/g	0.6	0.32	0.32	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Actinium-228	1.48		pCi/g	0.55	0.31	0.31	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Actinium-228	2.04		pCi/g	0.73	0.33	0.33	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Actinium-228	2		pCi/g	0.75	0.41	0.41	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Actinium-228	1.71		pCi/g	0.6	0.47	0.47	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Actinium-228	1.8		pCi/g	0.62	0.4	0.4	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Actinium-228	1.6		pCi/g	0.56	0.31	0.31	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Actinium-228	2.31		pCi/g	0.77	0.34	0.34	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Actinium-228	2.04		pCi/g	0.67	0.32	0.32	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Actinium-228	1.32		pCi/g	0.61	0.4	0.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Actinium-228	1.64		pCi/g	0.6	0.38	0.38	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Actinium-228	2.01		pCi/g	0.67	0.4	0.4	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Actinium-228	1.56		pCi/g	0.56	0.36	0.36	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Actinium-228	2.13		pCi/g	0.72	0.38	0.38	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Actinium-228	2.03		pCi/g	0.68	0.37	0.37	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Actinium-228	1.4		pCi/g	0.59	0.39	0.39	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Aluminum	13900	J	mg/kg		3.1	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Aluminum	5090	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Aluminum	5570	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Aluminum	11400	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Aluminum	6670	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Aluminum	3740	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Aluminum	10300	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Aluminum	5230	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Aluminum	4130	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Aluminum	6980	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Aluminum	6530	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Aluminum	6420	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Aluminum	9620	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Aluminum	7650	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Aluminum	6560	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Aluminum	10800	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Aluminum	6470		mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Aluminum	8450		mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Aluminum	11400		mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Aluminum	8990		mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Aluminum	5300		mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Aluminum	9570		mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Aluminum	6730		mg/kg		3.2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Aluminum	6100		mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Aluminum	12800		mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Aluminum	7320		mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Aluminum	6310		mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Aluminum	12600	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Aluminum	14700	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Aluminum	12500	J	mg/kg		3.2	2	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Aluminum	13400	J	mg/kg		3.1	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Aluminum	11800	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Aluminum	13300	J	mg/kg		3.2	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Aluminum	13300	J	mg/kg		3.1	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Aluminum	10600		mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Aluminum	10900	J	mg/kg		3.2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Aluminum	12200	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Aluminum	7240	J	mg/kg		3.1	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Aluminum	10600	J	mg/kg		3.2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Aluminum	7500	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Aluminum	5660	J	mg/kg		3.8	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Aluminum	6530	J	mg/kg		3.2	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Aluminum	7130	J	mg/kg		3.1	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Aluminum	7820	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Aluminum	5740		mg/kg		3.2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Aluminum	7880		mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Aluminum	8730	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Aluminum	6620		mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Aluminum	5220		mg/kg		3.2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Aluminum	7660		mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Aluminum	11600	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Aluminum	11700	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Aluminum	10300	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Aluminum	13800	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Aluminum	11600	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Aluminum	10800	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Aluminum	12400	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Aluminum	10300	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Aluminum	11600	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Aluminum	13100	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Aluminum	7190	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Aluminum	9210	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Aluminum	12200	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Aluminum	8400	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Aluminum	9880	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Aluminum	11200	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Aluminum	7890	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Aluminum	10300	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Aluminum	8080	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Aluminum	6800	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Aluminum	8440	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Aluminum	6360	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Aluminum	8100	J	mg/kg		3.2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Aluminum	7270	J	mg/kg		3.1	2	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Aluminum	6820	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Aluminum	8010	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Aluminum	8250	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Aluminum	11200	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Aluminum	11100	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Aluminum	12000	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Aluminum	6340	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Aluminum	15300	J	mg/kg		3.1	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Aluminum	8560	J	mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Aluminum	10400	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Aluminum	12600	J	mg/kg		3.2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Aluminum	11200	J	mg/kg		3.2	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Aluminum	8220	J	mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Aluminum	6520	J	mg/kg		3.2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Aluminum	8470	J	mg/kg		3.2	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Aluminum	7220		mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Aluminum	6950		mg/kg		3.2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Aluminum	6720		mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Aluminum	6850		mg/kg		3	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Aluminum	6920		mg/kg		3.2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Aluminum	6730		mg/kg		3.1	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Antimony	0.5	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Antimony	0.46	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Antimony	0.14	J-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Antimony	0.25	J-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Antimony	0.38	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Antimony	0.13	J-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Antimony	0.23	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Antimony	0.14	J-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Antimony	0.24	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Antimony	0.16	J-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Antimony	0.21	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Antimony	0.17	J-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Antimony	0.14	J-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Antimony	0.23	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Antimony	0.35	J-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Antimony	0.12	J-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Antimony	0.32	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Antimony	0.2	J-	mg/kg		1.1	0.3298	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Antimony	0.15	J-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Antimony	0.2	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Antimony	0.3298	UJ-	mg/kg		1.1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Antimony	0.3298	U	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Antimony	0.3298	UJ-	mg/kg		1.1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Antimony	0.3298	UJ-	mg/kg		1.1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Antimony	0.28	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Antimony	0.3298	UJ-	mg/kg		1.1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Antimony	0.3298	UJ-	mg/kg		1.1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Antimony	0.39	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Antimony	0.3298	UJ-	mg/kg		1.3	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Antimony	0.12	J-	mg/kg		1.1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Antimony	0.2	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Antimony	0.23	J	mg/kg		1.1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Antimony	0.21	J	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Antimony	0.2	J	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Antimony	0.3298	U	mg/kg		1.1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Antimony	0.29	J	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Antimony	0.28	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Antimony	0.12	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Antimony	0.17	J-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Antimony	0.25	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Antimony	0.29	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Antimony	0.27	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Antimony	0.36	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Antimony	0.18	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Antimony	0.32	J-	mg/kg		1.1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Antimony	0.15	J-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Antimony	0.3298	UJ-	mg/kg		1.1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Antimony	0.3298	UJ-	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Antimony	0.3298	UJ-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Antimony	0.3298	UJ-	mg/kg		1.1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Antimony	0.3298	UJ-	mg/kg		1.1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Antimony	0.4	J-	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Antimony	0.3298	UJ-	mg/kg		1.1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Antimony	0.41	J-	mg/kg		1.1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Antimony	0.22	J	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Antimony	0.15	J	mg/kg		1.1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Antimony	0.3298	U	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Antimony	0.15	J	mg/kg		1	0.3298	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Antimony	0.3298	U	mg/kg		1.1	0.3298	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Antimony	0.3298	U	mg/kg		1	0.3298	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Arsenic	5.4	J	mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Arsenic	3.4	J	mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Arsenic	5.1	J	mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Arsenic	5.3	J	mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Arsenic	4.4	J	mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Arsenic	4.6		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Arsenic	6.9		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Arsenic	4		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Arsenic	4.8		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Arsenic	4.2	J	mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Arsenic	3	J	mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Arsenic	3.4	J	mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Arsenic	6.3	J	mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Arsenic	3.6	J	mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Arsenic	3.9	J	mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Arsenic	5.9	J	mg/kg		1	0.1278	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Arsenic	3.6		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Arsenic	3.7		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Arsenic	4.7		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Arsenic	3.5		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Arsenic	4.3		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Arsenic	4.1		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Arsenic	4		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Arsenic	5.7		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Arsenic	4.9		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Arsenic	3.5		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Arsenic	6		mg/kg		1.1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Arsenic	2.5		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Arsenic	3.1		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Arsenic	3.2		mg/kg		1.1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Arsenic	2.6		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Arsenic	2.8		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Arsenic	3.1		mg/kg		1.1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Arsenic	2.5		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Arsenic	3.4		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Arsenic	2.9		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Arsenic	3.2		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Arsenic	2.6		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Arsenic	3.6		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Arsenic	3.7		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Arsenic	3.1		mg/kg		1.3	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Arsenic	3.7		mg/kg		1.1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Arsenic	2.6		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Arsenic	3.3		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Arsenic	3.4		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Arsenic	3.9		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Arsenic	2.6		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Arsenic	3		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Arsenic	4.4		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Arsenic	3.4		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Arsenic	5.4		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Arsenic	4.9		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Arsenic	5.7		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Arsenic	6.3		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Arsenic	5.1		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Arsenic	4.7		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Arsenic	5.6		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Arsenic	5.5		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Arsenic	4.4		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Arsenic	7.2	J	mg/kg		1	0.1278	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Arsenic	5.2	J	mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Arsenic	4.1	J	mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Arsenic	5.2		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Arsenic	6.1	J	mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Arsenic	3.3	J	mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Arsenic	6.4	J	mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Arsenic	5.6	J	mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Arsenic	5.4	J	mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Arsenic	3.6		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Arsenic	3.7		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Arsenic	4		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Arsenic	3		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Arsenic	3.8		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Arsenic	4.2		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Arsenic	3.4		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Arsenic	3.7		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Arsenic	3.7		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Arsenic	4.3		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Arsenic	3.6		mg/kg		1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Arsenic	4		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Arsenic	2.9		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Arsenic	4.5		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Arsenic	4.2		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Arsenic	3.7		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Arsenic	3.9		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Arsenic	3.6		mg/kg		1.1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Arsenic	4.2		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Arsenic	4		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Arsenic	6		mg/kg		1.1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Arsenic	3.5		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Arsenic	3.7		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Arsenic	5		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Arsenic	3.9		mg/kg		1	0.1278	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Arsenic	4.2		mg/kg		1.1	0.1278	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Arsenic	6.7		mg/kg		1	0.1278	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Barium	190		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Barium	111		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Barium	147		mg/kg		2	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Barium	181		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Barium	187		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Barium	82.5	J+	mg/kg		2	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Barium	162	J+	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Barium	114	J+	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Barium	102	J+	mg/kg		2.1	0.152	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Barium	90.4		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Barium	216		mg/kg		2	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Barium	174		mg/kg		2	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Barium	131		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Barium	224		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Barium	177		mg/kg		2	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Barium	146		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Barium	167		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Barium	184		mg/kg		2	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Barium	205		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Barium	221		mg/kg		2	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Barium	136		mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Barium	171		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Barium	177		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Barium	135		mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Barium	215		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Barium	217		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Barium	175		mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Barium	220	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Barium	272	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Barium	191	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Barium	218	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Barium	183	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Barium	245	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Barium	445	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Barium	157		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Barium	188	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Barium	197	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Barium	152	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Barium	143	J	mg/kg		2.2	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Barium	122	J+	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Barium	77.2	J+	mg/kg		2.5	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Barium	118	J+	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Barium	145	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Barium	141	J+	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Barium	96.7		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Barium	122		mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Barium	154	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Barium	139		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Barium	73		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Barium	121		mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Barium	150	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Barium	213	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Barium	142	J	mg/kg		2.1	0.152	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Barium	193	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Barium	210	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Barium	202	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Barium	218	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Barium	204	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Barium	169	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Barium	219		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Barium	226		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Barium	231		mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Barium	230	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Barium	311		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Barium	340		mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Barium	215		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Barium	277		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Barium	309		mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Barium	119	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Barium	140	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Barium	154	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Barium	117	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Barium	254	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Barium	203	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Barium	127	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Barium	118	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Barium	139	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Barium	142	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Barium	218	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Barium	171	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Barium	154	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Barium	240	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Barium	146	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Barium	190	J	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Barium	264	J	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Barium	154	J	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Barium	185	J+	mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Barium	138	J+	mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Barium	166	J+	mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Barium	202		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Barium	130		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Barium	175		mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Barium	152		mg/kg		2	0.152	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Barium	143		mg/kg		2.1	0.152	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Barium	88.9		mg/kg		2.1	0.152	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Beryllium	0.78		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Beryllium	0.38	J	mg/kg		0.52	0.038	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Beryllium	0.37	J	mg/kg		0.51	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Beryllium	0.73		mg/kg		0.5	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Beryllium	0.48	J	mg/kg		0.51	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Beryllium	0.46	J	mg/kg		0.51	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Beryllium	0.85		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Beryllium	0.54		mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Beryllium	0.5	J	mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Beryllium	0.54		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Beryllium	0.55		mg/kg		0.51	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Beryllium	0.53		mg/kg		0.51	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Beryllium	0.72		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Beryllium	0.54		mg/kg		0.51	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Beryllium	0.5	J	mg/kg		0.51	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Beryllium	0.8		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Beryllium	0.47	J	mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Beryllium	0.54		mg/kg		0.51	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Beryllium	0.57		mg/kg		0.5	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Beryllium	0.44	J	mg/kg		0.51	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Beryllium	0.44	J	mg/kg		0.51	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Beryllium	0.57		mg/kg		0.5	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Beryllium	0.44	J	mg/kg		0.53	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Beryllium	0.41	J	mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Beryllium	0.84		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Beryllium	0.5	J	mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Beryllium	0.41	J	mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Beryllium	0.44	J	mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Beryllium	0.5	J	mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Beryllium	0.43	J	mg/kg		0.53	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Beryllium	0.45	J	mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Beryllium	0.45	J	mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Beryllium	0.5	J	mg/kg		0.53	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Beryllium	0.41	J	mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Beryllium	0.65		mg/kg		0.5	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Beryllium	0.46	J	mg/kg		0.53	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Beryllium	0.47	J	mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Beryllium	0.35	J	mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Beryllium	0.54	J	mg/kg		0.54	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Beryllium	0.84		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Beryllium	0.69		mg/kg		0.63	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Beryllium	0.89		mg/kg		0.53	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Beryllium	0.33	J	mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Beryllium	0.89		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Beryllium	0.76		mg/kg		0.53	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Beryllium	0.79		mg/kg		0.52	0.038	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Beryllium	0.37	J	mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Beryllium	0.73		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Beryllium	0.61		mg/kg		0.53	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Beryllium	0.88		mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Beryllium	0.69		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Beryllium	0.69		mg/kg		0.51	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Beryllium	0.5	J	mg/kg		0.51	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Beryllium	0.77		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Beryllium	0.64		mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Beryllium	0.63		mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Beryllium	0.76		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Beryllium	0.62		mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Beryllium	0.62		mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Beryllium	0.81		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Beryllium	0.48	J	mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Beryllium	0.52		mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Beryllium	0.74		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Beryllium	0.71		mg/kg		0.51	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Beryllium	0.48	J	mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Beryllium	0.82		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Beryllium	0.59		mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Beryllium	0.58		mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Beryllium	0.66		mg/kg		0.5	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Beryllium	0.6		mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Beryllium	0.62		mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Beryllium	0.54		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Beryllium	0.77		mg/kg		0.53	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Beryllium	0.64		mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Beryllium	0.62		mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Beryllium	0.66		mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Beryllium	0.67		mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Beryllium	0.32	J	mg/kg		0.5	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Beryllium	0.42	J	mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Beryllium	0.42	J	mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Beryllium	0.16	J	mg/kg		0.5	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Beryllium	0.47	J	mg/kg		0.52	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Beryllium	0.29	J	mg/kg		0.51	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Beryllium	0.45	J	mg/kg		0.51	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Beryllium	0.49	J	mg/kg		0.53	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Beryllium	0.42	J	mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Beryllium	0.85		mg/kg		0.5	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Beryllium	0.77		mg/kg		0.53	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Beryllium	0.81		mg/kg		0.53	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Beryllium	0.8		mg/kg		0.5	0.038	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Beryllium	0.76		mg/kg		0.53	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Beryllium	0.64		mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Beryllium	0.73		mg/kg		0.5	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Beryllium	0.76		mg/kg		0.53	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Beryllium	0.72		mg/kg		0.52	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Bismuth-212	0.61	U	pCi/g	0.64	0.86	0.86	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Bismuth-212	0.87		pCi/g	0.58	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Bismuth-212	0.74	U	pCi/g	0.57	0.86	0.86	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Bismuth-212	1.05	U	pCi/g	0.54	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Bismuth-212	0.82	U	pCi/g	0.55	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Bismuth-212	1.22		pCi/g	0.57	0.81	0.81	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Bismuth-212	0.81		pCi/g	0.64	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Bismuth-212	1.6		pCi/g	0.7	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Bismuth-212	1.22	U	pCi/g	0.59	1.2	1.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Bismuth-212	1.82		pCi/g	0.67	0.82	0.82	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Bismuth-212	1.7		pCi/g	0.63	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Bismuth-212	1.36		pCi/g	0.63	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Bismuth-212	1.19		pCi/g	0.75	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Bismuth-212	0.99		pCi/g	0.78	0.99	0.99	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Bismuth-212	1.53		pCi/g	0.71	0.81	0.81	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Bismuth-212	1.62		pCi/g	0.67	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Bismuth-212	1.06		pCi/g	0.74	0.78	0.78	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Bismuth-212	1.46		pCi/g	0.57	0.6	0.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Bismuth-212	1.34		pCi/g	0.75	0.83	0.83	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Bismuth-212	1.82		pCi/g	0.77	0.82	0.82	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Bismuth-212	1.69		pCi/g	0.67	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Bismuth-212	1.66		pCi/g	0.66	0.83	0.83	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Bismuth-212	1.41		pCi/g	0.59	1.2	1.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Bismuth-212	0.75	U	pCi/g	0.43	0.9	0.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Bismuth-212	0.61	U	pCi/g	0.55	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Bismuth-212	0.79		pCi/g	0.47	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Bismuth-212	1.59		pCi/g	0.58	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Bismuth-212	0.46	U	pCi/g	0.55	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Bismuth-212	0.72		pCi/g	0.56	0.64	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Bismuth-212	0.75	U	pCi/g	0.52	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Bismuth-212	1.16		pCi/g	0.52	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Bismuth-212	1.32		pCi/g	0.58	0.71	0.71	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Bismuth-212	0.64	U	pCi/g	0.47	0.94	0.94	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Bismuth-212	0.69	U	pCi/g	0.48	0.99	0.99	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Bismuth-212	0.29	U	pCi/g	0.47	0.9	0.9	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Bismuth-212	0.53	U	pCi/g	0.53	0.55	0.55	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Bismuth-212	0.99		pCi/g	0.59	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Bismuth-212	0.89		pCi/g	0.58	0.62	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Bismuth-212	1.22		pCi/g	0.77	0.82	0.82	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Bismuth-212	1.54		pCi/g	0.6	0.65	0.65	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Bismuth-212	0.84	U	pCi/g	0.55	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Bismuth-212	1.46		pCi/g	0.63	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Bismuth-212	1.07		pCi/g	0.53	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Bismuth-212	1.07	U	pCi/g	0.55	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Bismuth-212	1.37		pCi/g	0.56	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Bismuth-212	1.11		pCi/g	0.73	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Bismuth-212	1.45		pCi/g	0.63	1.3	1.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Bismuth-212	0.83		pCi/g	0.58	0.78	0.78	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Bismuth-212	0.93		pCi/g	0.7	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Bismuth-212	1.42		pCi/g	0.72	0.95	0.95	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Bismuth-212	0.7	U	pCi/g	0.63	0.74	0.74	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Bismuth-212	1.4		pCi/g	0.58	0.66	0.66	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Bismuth-212	0.96	U	pCi/g	0.51	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Bismuth-212	0.98		pCi/g	0.7	0.86	0.86	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Bismuth-212	0.85	U	pCi/g	0.54	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Bismuth-212	0.6	U	pCi/g	0.47	0.96	0.96	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Bismuth-212	1.09		pCi/g	0.45	0.69	0.69	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Bismuth-212	0.54	U	pCi/g	0.56	0.82	0.82	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Bismuth-212	1.1		pCi/g	0.57	0.79	0.79	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Bismuth-212	1.13	U	pCi/g	0.56	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Bismuth-212	1.21	U	pCi/g	0.59	1.2	1.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Bismuth-212	1.12		pCi/g	0.5	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Bismuth-212	0.86		pCi/g	0.69	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Bismuth-212	0.82		pCi/g	0.45	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Bismuth-212	0.58	U	pCi/g	0.59	0.66	0.66	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Bismuth-212	0.9	U	pCi/g	0.53	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Bismuth-212	0.9	U	pCi/g	0.52	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Bismuth-212	1.28		pCi/g	0.47	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Bismuth-212	1.04		pCi/g	0.74	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Bismuth-212	0.99		pCi/g	0.61	0.68	0.68	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Bismuth-212	1.42		pCi/g	0.82	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Bismuth-212	0.6	U	pCi/g	0.46	0.69	0.69	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Bismuth-212	0.91		pCi/g	0.71	0.84	0.84	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Bismuth-212	1.06		pCi/g	0.59	0.83	0.83	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Bismuth-212	0.92	U	pCi/g	0.54	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Bismuth-212	1.05		pCi/g	0.67	0.77	0.77	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Bismuth-212	0.99		pCi/g	0.56	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Bismuth-212	0.78		pCi/g	0.55	0.78	0.78	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Bismuth-212	0.53	U	pCi/g	0.47	0.95	0.95	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Bismuth-212	0.84		pCi/g	0.59	0.65	0.65	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Bismuth-212	0.83		pCi/g	0.56	0.6	0.6	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Bismuth-212	1.32		pCi/g	0.6	1.3	1.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Bismuth-212	1.32		pCi/g	0.67	0.87	0.87	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Bismuth-212	0.9		pCi/g	0.6	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Bismuth-212	1.17		pCi/g	0.54	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Bismuth-212	1.39		pCi/g	0.69	0.66	0.66	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Bismuth-212	0.56	U	pCi/g	0.65	0.75	0.75	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Bismuth-212	0.79	U	pCi/g	0.47	0.96	0.96	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Bismuth-212	0.65	U	pCi/g	0.55	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Bismuth-212	0.85		pCi/g	0.6	0.78	0.78	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Bismuth-212	0.88	U	pCi/g	0.55	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Bismuth-212	0.62	U	pCi/g	0.6	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Bismuth-212	0.91		pCi/g	0.65	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Bismuth-212	0.63	U	pCi/g	0.53	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Bismuth-212	0.83		pCi/g	0.55	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Bismuth-210	0.8	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Bismuth-210	1.04	U	pCi/g	0.99	1.9	1.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Bismuth-210	0.7	U	pCi/g	1.4	2.6	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Bismuth-210	1.6	U	pCi/g	1.4	2.6	2.6	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Bismuth-210	1.2	U	pCi/g	1.3	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Bismuth-210	0.5	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Bismuth-210	0.9	U	pCi/g	1.4	2.5	2.5	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Bismuth-210	1.6	U	pCi/g	1.4	2.7	2.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Bismuth-210	0.7	U	pCi/g	1.4	2.5	2.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Bismuth-210	1.9	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Bismuth-210	0.3	U	pCi/g	1.3	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Bismuth-210	1	U	pCi/g	1.1	1.7	1.7	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Bismuth-210	1	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Bismuth-210	1.4	U	pCi/g	1.3	2.4	2.4	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Bismuth-210	0.6	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Bismuth-210	-0.05	U	pCi/g	1.2	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Bismuth-210	0.5	U	pCi/g	1.3	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Bismuth-210	0.009	U	pCi/g	1.1	2	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Bismuth-210	1.5	U	pCi/g	1.3	2.6	2.6	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Bismuth-210	0.5	U	pCi/g	1.4	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Bismuth-210	1.6	U	pCi/g	1.3	2.6	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Bismuth-210	0.5	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Bismuth-210	-0.3	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Bismuth-210	0.3	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Bismuth-210	2	U	pCi/g	1.4	2.8	2.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Bismuth-210	0.1	U	pCi/g	1.1	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Bismuth-210	1.1	U	pCi/g	1.3	2.3	2.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Bismuth-210	0.8	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Bismuth-210	-0.2	U	pCi/g	1	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Bismuth-210	2.2		pCi/g	1.6	1.5	1.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Bismuth-210	0.3	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Bismuth-210	0.2	U	pCi/g	1.1	1.9	1.9	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Bismuth-210	0.81	U	pCi/g	0.91	1.8	1.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Bismuth-210	0.2	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Bismuth-210	0.06	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Bismuth-210	-0.3	U	pCi/g	0.94	1.7	1.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Bismuth-210	-0.1	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Bismuth-210	-0.3	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Bismuth-210	0.8	U	pCi/g	1.4	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Bismuth-210	1.7	U	pCi/g	1.1	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Bismuth-210	1.7	U	pCi/g	1.2	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Bismuth-210	0.09	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Bismuth-210	0.4	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Bismuth-210	0.4	U	pCi/g	1.1	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Bismuth-210	0.36	U	pCi/g	0.98	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Bismuth-210	0.3	U	pCi/g	1.4	2.5	2.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Bismuth-210	0.7	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Bismuth-210	0.7	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Bismuth-210	-0.5	U	pCi/g	1.3	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Bismuth-210	0.3	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Bismuth-210	0.5	U	pCi/g	1.3	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Bismuth-210	0.18	U	pCi/g	0.99	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Bismuth-210	0.1	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Bismuth-210	1.1	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Bismuth-210	-0.1	U	pCi/g	1.2	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Bismuth-210	0.2	U	pCi/g	1.1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Bismuth-210	1.19	U	pCi/g	0.98	1.9	1.9	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Bismuth-210	0.3	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Bismuth-210	0.6	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Bismuth-210	0.6	U	pCi/g	1.1	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Bismuth-210	0.6	U	pCi/g	1.2	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Bismuth-210	0.8	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Bismuth-210	0.8	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Bismuth-210	0.6	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Bismuth-210	1.1	U	pCi/g	1.1	2	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Bismuth-210	1.5	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Bismuth-210	0.2	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Bismuth-210	0.8	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Bismuth-210	0.4	U	pCi/g	1.3	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Bismuth-210	0.2	U	pCi/g	1.1	1.9	1.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Bismuth-210	0.4	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Bismuth-210	0.63	U	pCi/g	0.97	1.8	1.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Bismuth-210	0.8	U	pCi/g	1.3	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Bismuth-210	0.7	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Bismuth-210	-0.002	U	pCi/g	1.2	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Bismuth-210	0.2	U	pCi/g	1	1.9	1.9	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Bismuth-210	1.2	U	pCi/g	1.2	2.4	2.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Bismuth-210	0.8	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Bismuth-210	-0.3	U	pCi/g	1.1	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Bismuth-210	0.91	U	pCi/g	0.95	1.8	1.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Bismuth-210	0.6	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Bismuth-210	0.2	U	pCi/g	1.4	2.6	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Bismuth-210	0.9	U	pCi/g	1.2	2.2	2.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Bismuth-210	0.5	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Bismuth-210	-0.1	U	pCi/g	1.2	2.1	2.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Bismuth-210	1.3	U	pCi/g	0.98	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Bismuth-210	1.1	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Bismuth-210	0.33	U	pCi/g	0.97	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Bismuth-210	0.7	U	pCi/g	1.2	2.2	2.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Bismuth-210	0.6	U	pCi/g	1.3	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Bismuth-210	-0.2	U	pCi/g	1.1	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Bismuth-210	0.7	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Bismuth-210	0.6	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Bismuth-210	0.5	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Bismuth-210	1.7	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Bismuth-211	-0.19	U	pCi/g	0.46	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Bismuth-211	-0.29	U	pCi/g	0.43	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Bismuth-211	-0.41	U	pCi/g	0.45	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Bismuth-211	0.1	U	pCi/g	0.48	0.85	0.85	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Bismuth-211	-0.003	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Bismuth-211	-0.36	U	pCi/g	0.46	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Bismuth-211	-0.02	U	pCi/g	0.48	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Bismuth-211	-0.17	U	pCi/g	0.51	0.87	0.87	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Bismuth-211	0.24	U	pCi/g	0.52	0.93	0.93	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Bismuth-211	0.34	U	pCi/g	0.44	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Bismuth-211	0.14	U	pCi/g	0.47	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Bismuth-211	-0.11	U	pCi/g	0.42	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Bismuth-211	0.08	U	pCi/g	0.45	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Bismuth-211	0.23	U	pCi/g	0.48	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Bismuth-211	0.15	U	pCi/g	0.42	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Bismuth-211	0.2	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Bismuth-211	0.36	U	pCi/g	0.47	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Bismuth-211	-0.09	U	pCi/g	0.43	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Bismuth-211	0.38	U	pCi/g	0.52	0.97	0.97	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Bismuth-211	-0.38	U	pCi/g	0.51	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Bismuth-211	-0.19	U	pCi/g	0.45	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Bismuth-211	0.27	U	pCi/g	0.45	0.82	0.82	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Bismuth-211	0.02	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Bismuth-211	-0.16	U	pCi/g	0.37	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Bismuth-211	0.13	U	pCi/g	0.48	0.87	0.87	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Bismuth-211	0.13	U	pCi/g	0.43	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Bismuth-211	-0.27	U	pCi/g	0.48	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Bismuth-211	-0.22	U	pCi/g	0.41	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Bismuth-211	-0.11	U	pCi/g	0.36	0.62	0.62	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Bismuth-211	-0.25	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Bismuth-211	0.06	U	pCi/g	0.41	0.74	0.74	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Bismuth-211	-0.15	U	pCi/g	0.39	0.66	0.66	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Bismuth-211	0.12	U	pCi/g	0.34	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Bismuth-211	-0.27	U	pCi/g	0.41	0.68	0.68	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Bismuth-211	-0.42	U	pCi/g	0.42	0.66	0.66	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Bismuth-211	0.15	U	pCi/g	0.38	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Bismuth-211	0.04	U	pCi/g	0.44	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Bismuth-211	0.36	U	pCi/g	0.41	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Bismuth-211	0.3	U	pCi/g	0.52	0.95	0.95	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Bismuth-211	0.23	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Bismuth-211	0.13	U	pCi/g	0.45	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Bismuth-211	-0.03	U	pCi/g	0.43	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Bismuth-211	0.008	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Bismuth-211	-0.05	U	pCi/g	0.41	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Bismuth-211	-0.13	U	pCi/g	0.41	0.71	0.71	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Bismuth-211	0.02	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Bismuth-211	0.06	U	pCi/g	0.44	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Bismuth-211	-0.28	U	pCi/g	0.46	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Bismuth-211	0.21	U	pCi/g	0.47	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Bismuth-211	-0.02	U	pCi/g	0.49	0.87	0.87	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Bismuth-211	-0.29	U	pCi/g	0.51	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Bismuth-211	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Bismuth-211	-0.07	U	pCi/g	0.44	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Bismuth-211	0.2	U	pCi/g	0.4	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Bismuth-211	-0.02	U	pCi/g	0.42	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Bismuth-211	0.11	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Bismuth-211	-0.27	U	pCi/g	0.41	0.69	0.69	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Bismuth-211	-0.32	U	pCi/g	0.43	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Bismuth-211	-0.37	U	pCi/g	0.46	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Bismuth-211	-0.13	U	pCi/g	0.45	0.78	0.78	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Bismuth-211	0.12	U	pCi/g	0.46	0.84	0.84	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Bismuth-211	-0.11	U	pCi/g	0.42	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Bismuth-211	0.03	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Bismuth-211	-0.05	U	pCi/g	0.38	0.68	0.68	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Bismuth-211	-0.24	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Bismuth-211	-0.18	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Bismuth-211	-0.11	U	pCi/g	0.47	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Bismuth-211	-0.12	U	pCi/g	0.4	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Bismuth-211	0.13	U	pCi/g	0.44	0.8	0.8	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Bismuth-211	-0.24	U	pCi/g	0.44	0.74	0.74	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Bismuth-211	-0.17	U	pCi/g	0.49	0.83	0.83	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Bismuth-211	-0.32	U	pCi/g	0.35	0.58	0.58	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Bismuth-211	0.03	U	pCi/g	0.48	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Bismuth-211	-0.27	U	pCi/g	0.45	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Bismuth-211	0.14	U	pCi/g	0.46	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Bismuth-211	0.13	U	pCi/g	0.42	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Bismuth-211	0.37	U	pCi/g	0.49	0.91	0.91	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Bismuth-211	-0.29	U	pCi/g	0.38	0.62	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Bismuth-211	-0.52	U	pCi/g	0.47	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Bismuth-211	0.31	U	pCi/g	0.4	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Bismuth-211	-0.49	U	pCi/g	0.38	0.59	0.59	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Bismuth-211	0.4	U	pCi/g	0.49	0.93	0.93	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Bismuth-211	-0.33	U	pCi/g	0.44	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Bismuth-211	-0.06	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Bismuth-211	-0.29	U	pCi/g	0.47	0.77	0.77	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Bismuth-211	-0.1	U	pCi/g	0.39	0.68	0.68	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Bismuth-211	0.26	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Bismuth-211	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Bismuth-211	0.03	U	pCi/g	0.46	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Bismuth-211	-0.15	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Bismuth-211	0.06	U	pCi/g	0.42	0.75	0.75	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Bismuth-211	-0.04	U	pCi/g	0.39	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Bismuth-211	0.03	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Bismuth-211	-0.2	U	pCi/g	0.51	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Bismuth-211	-0.06	U	pCi/g	0.4	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Bismuth-214	0.9		pCi/g	0.27	0.21	0.21	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Bismuth-214	1.22		pCi/g	0.25	0.41	0.41	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Bismuth-214	1.03		pCi/g	0.26	0.19	0.19	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Bismuth-214	1.21		pCi/g	0.26	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Bismuth-214	1.14		pCi/g	0.26	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Bismuth-214	1.32		pCi/g	0.29	0.47	0.47	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Bismuth-214	1.2		pCi/g	0.26	0.44	0.44	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Bismuth-214	1.2		pCi/g	0.27	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Bismuth-214	1.49		pCi/g	0.3	0.51	0.51	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Bismuth-214	1.16		pCi/g	0.25	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Bismuth-214	1.08		pCi/g	0.24	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Bismuth-214	0.95		pCi/g	0.22	0.36	0.36	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Bismuth-214	1.12		pCi/g	0.29	0.39	0.39	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Bismuth-214	1.21		pCi/g	0.26	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Bismuth-214	0.82		pCi/g	0.21	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Bismuth-214	1.01		pCi/g	0.25	0.39	0.39	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Bismuth-214	1.08		pCi/g	0.26	0.44	0.44	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Bismuth-214	0.97		pCi/g	0.25	0.4	0.4	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Bismuth-214	1.26		pCi/g	0.31	0.52	0.52	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Bismuth-214	1.06		pCi/g	0.25	0.43	0.43	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Bismuth-214	1.04		pCi/g	0.27	0.46	0.46	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Bismuth-214	0.93		pCi/g	0.24	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Bismuth-214	0.97		pCi/g	0.28	0.44	0.44	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Bismuth-214	1.09		pCi/g	0.24	0.4	0.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Bismuth-214	0.93		pCi/g	0.27	0.47	0.47	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Bismuth-214	0.9		pCi/g	0.22	0.36	0.36	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Bismuth-214	1.24		pCi/g	0.28	0.2	0.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Bismuth-214	0.89		pCi/g	0.24	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Bismuth-214	0.7		pCi/g	0.2	0.3	0.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Bismuth-214	0.79		pCi/g	0.21	0.37	0.37	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Bismuth-214	0.6		pCi/g	0.21	0.39	0.39	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Bismuth-214	0.64		pCi/g	0.19	0.35	0.35	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Bismuth-214	0.67		pCi/g	0.19	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Bismuth-214	0.69		pCi/g	0.21	0.38	0.38	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Bismuth-214	0.74		pCi/g	0.21	0.38	0.38	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Bismuth-214	0.66		pCi/g	0.18	0.33	0.33	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Bismuth-214	0.64		pCi/g	0.2	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Bismuth-214	0.91		pCi/g	0.22	0.36	0.36	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Bismuth-214	0.92		pCi/g	0.25	0.44	0.44	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Bismuth-214	0.79		pCi/g	0.23	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Bismuth-214	0.84		pCi/g	0.2	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Bismuth-214	1.09		pCi/g	0.23	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Bismuth-214	0.92		pCi/g	0.22	0.39	0.39	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Bismuth-214	0.81		pCi/g	0.25	0.42	0.42	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Bismuth-214	0.88		pCi/g	0.22	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Bismuth-214	1.07		pCi/g	0.27	0.46	0.46	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Bismuth-214	0.73		pCi/g	0.22	0.42	0.42	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Bismuth-214	0.85		pCi/g	0.24	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Bismuth-214	0.95		pCi/g	0.25	0.41	0.41	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Bismuth-214	1.16		pCi/g	0.27	0.21	0.21	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Bismuth-214	1.21		pCi/g	0.27	0.47	0.47	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Bismuth-214	0.73		pCi/g	0.23	0.35	0.35	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Bismuth-214	1.18		pCi/g	0.24	0.46	0.46	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Bismuth-214	0.87		pCi/g	0.25	0.39	0.39	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Bismuth-214	0.96		pCi/g	0.23	0.41	0.41	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Bismuth-214	0.9		pCi/g	0.24	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Bismuth-214	0.63		pCi/g	0.2	0.36	0.36	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Bismuth-214	0.74		pCi/g	0.25	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Bismuth-214	1.19		pCi/g	0.26	0.44	0.44	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Bismuth-214	1.16		pCi/g	0.26	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Bismuth-214	1.25		pCi/g	0.29	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Bismuth-214	1.19		pCi/g	0.27	0.17	0.17	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Bismuth-214	0.92		pCi/g	0.23	0.37	0.37	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Bismuth-214	1.02		pCi/g	0.26	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Bismuth-214	0.96		pCi/g	0.22	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Bismuth-214	0.92		pCi/g	0.23	0.37	0.37	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Bismuth-214	1.48		pCi/g	0.29	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Bismuth-214	1.14		pCi/g	0.25	0.42	0.42	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Bismuth-214	0.96		pCi/g	0.24	0.44	0.44	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Bismuth-214	0.94		pCi/g	0.22	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Bismuth-214	0.81		pCi/g	0.22	0.39	0.39	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Bismuth-214	0.8		pCi/g	0.2	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Bismuth-214	1.14		pCi/g	0.27	0.48	0.48	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Bismuth-214	0.98		pCi/g	0.27	0.38	0.38	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Bismuth-214	0.9		pCi/g	0.21	0.38	0.38	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Bismuth-214	0.8		pCi/g	0.22	0.38	0.38	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Bismuth-214	0.89		pCi/g	0.25	0.44	0.44	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Bismuth-214	0.87		pCi/g	0.25	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Bismuth-214	0.91		pCi/g	0.22	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Bismuth-214	1.02		pCi/g	0.25	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Bismuth-214	0.95		pCi/g	0.21	0.35	0.35	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Bismuth-214	1.05		pCi/g	0.27	0.49	0.49	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Bismuth-214	1		pCi/g	0.27	0.39	0.39	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Bismuth-214	0.73		pCi/g	0.21	0.39	0.39	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Bismuth-214	0.82		pCi/g	0.25	0.39	0.39	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Bismuth-214	0.83		pCi/g	0.21	0.37	0.37	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Bismuth-214	0.94		pCi/g	0.25	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Bismuth-214	0.88		pCi/g	0.21	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Bismuth-214	1.46		pCi/g	0.27	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Bismuth-214	0.92		pCi/g	0.23	0.41	0.41	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Bismuth-214	1.05		pCi/g	0.24	0.4	0.4	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Bismuth-214	1.44		pCi/g	0.29	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Bismuth-214	0.83		pCi/g	0.24	0.21	0.21	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Bismuth-214	1.06		pCi/g	0.25	0.43	0.43	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Bismuth-214	1.62		pCi/g	0.3	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Boron	7.5	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Boron	3.8	U	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Boron	7.1	J+	mg/kg		5.1	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Boron	6	J+	mg/kg		5	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Boron	5.9	J+	mg/kg		5.1	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Boron	4.4	U	mg/kg		5.1	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Boron	8.2	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Boron	4.1	U	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Boron	4.3	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Boron	4.2	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Boron	3.5	U	mg/kg		5.1	3.2	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Boron	3.4	U	mg/kg		5.1	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Boron	5.9	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Boron	4.1	U	mg/kg		5.1	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Boron	3.7	U	mg/kg		5.1	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Boron	5.7	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Boron	3.8	U	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Boron	4.9	U	mg/kg		5.1	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Boron	6.1	J+	mg/kg		5	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Boron	6.8	J+	mg/kg		5.1	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Boron	4.9	U	mg/kg		5.1	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Boron	5.2	J+	mg/kg		5	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Boron	8.3	J+	mg/kg		5.3	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Boron	7.7	J+	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Boron	5.3	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Boron	4.8	U	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Boron	8.6	J+	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Boron	3.5	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Boron	3.5	U	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Boron	3.2	U	mg/kg		5.3	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Boron	3.2	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Boron	4.5	U	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Boron	5	U	mg/kg		5.3	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Boron	3.8	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Boron	5.6	J+	mg/kg		5	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Boron	3.2	U	mg/kg		5.3	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Boron	3.5	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Boron	3.2	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Boron	3.6	U	mg/kg		5.4	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Boron	3.2	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Boron	3.2	U	mg/kg		6.3	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Boron	3.2	U	mg/kg		5.3	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Boron	3.2	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Boron	3.2	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Boron	3.5	U	mg/kg		5.3	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Boron	3.4	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Boron	3.2	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Boron	3.2	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Boron	3.2	U	mg/kg		5.3	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Boron	3.2	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Boron	7.5	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Boron	9.1	J+	mg/kg		5.1	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Boron	6.2	J+	mg/kg		5.1	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Boron	8.3	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Boron	6.3	J+	mg/kg		5.2	3.2	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Boron	4.3	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Boron	6.1	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Boron	5.4	J+	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Boron	4	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Boron	11.6	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Boron	4.6	U	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Boron	3.7	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Boron	5.8	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Boron	4.6	U	mg/kg		5.1	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Boron	4.4	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Boron	7.8	J+	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Boron	4.8	U	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Boron	3.9	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Boron	3.2	U	mg/kg		5	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Boron	3.2	U	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Boron	4.5	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Boron	3.2	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Boron	3.2	U	mg/kg		5.3	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Boron	3.9	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Boron	3.2	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Boron	3.2	U	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Boron	3.2	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Boron	8.8	J+	mg/kg		5	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Boron	5.8	J+	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Boron	5.5	J+	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Boron	4.8	U	mg/kg		5	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Boron	9.1	J+	mg/kg		5.2	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Boron	3.9	U	mg/kg		5.1	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Boron	4.9	U	mg/kg		5.1	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Boron	6.8	J+	mg/kg		5.3	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Boron	5.1	U	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Boron	4.9	U	mg/kg		5	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Boron	4.1	U	mg/kg		5.3	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Boron	10.2	J+	mg/kg		5.3	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Boron	3.7	U	mg/kg		5	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Boron	3.2	U	mg/kg		5.3	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Boron	5.8	J+	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Boron	3.2	U	mg/kg		5	3.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Boron	7.3	J+	mg/kg		5.3	3.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Boron	8.5	J+	mg/kg		5.2	3.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Cadmium	0.1291	U	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Cadmium	0.1291	U	mg/kg		0.5	0.1291	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Cadmium	0.1291	U	mg/kg		0.51	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Cadmium	0.1291	U	mg/kg		0.51	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Cadmium	0.1291	U	mg/kg		0.51	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Cadmium	0.1291	U	mg/kg		0.51	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Cadmium	0.1291	U	mg/kg		0.51	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Cadmium	0.1291	U	mg/kg		0.5	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Cadmium	0.1291	U	mg/kg		0.5	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Cadmium	0.1291	U	mg/kg		0.53	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Cadmium	0.1291	UJ-	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Cadmium	0.1291	UJ-	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Cadmium	0.1291	UJ-	mg/kg		0.53	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Cadmium	0.1291	UJ-	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Cadmium	0.1291	UJ-	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Cadmium	0.1291	UJ-	mg/kg		0.53	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Cadmium	0.1291	UJ-	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Cadmium	0.1291	U	mg/kg		0.5	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Cadmium	0.1291	UJ-	mg/kg		0.53	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Cadmium	0.1291	UJ-	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Cadmium	0.1291	UJ-	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Cadmium	0.1291	UJ-	mg/kg		0.54	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Cadmium	0.1291	U	mg/kg		0.63	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Cadmium	0.1291	U	mg/kg		0.53	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Cadmium	0.1291	UJ-	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Cadmium	0.1291	U	mg/kg		0.53	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Cadmium	0.1291	UJ-	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Cadmium	0.1291	U	mg/kg		0.53	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Cadmium	0.1291	U	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Cadmium	0.1291	U	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Cadmium	0.1291	U	mg/kg		0.51	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Cadmium	0.1291	U	mg/kg		0.5	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Cadmium	0.1291	U	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Cadmium	0.1291	U	mg/kg		0.53	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Cadmium	0.1291	U	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Cadmium	0.1291	UJ-	mg/kg		0.5	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Cadmium	0.1291	UJ-	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Cadmium	0.1291	UJ-	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Cadmium	0.1291	UJ-	mg/kg		0.5	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Cadmium	0.1291	UJ-	mg/kg		0.52	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Cadmium	0.1291	UJ-	mg/kg		0.51	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Cadmium	0.1291	UJ-	mg/kg		0.51	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Cadmium	0.1291	UJ-	mg/kg		0.53	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Cadmium	0.1291	UJ-	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Cadmium	0.1291	U	mg/kg		0.5	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Cadmium	0.1291	U	mg/kg		0.53	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Cadmium	0.1291	U	mg/kg		0.53	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Cadmium	0.1291	U	mg/kg		0.5	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Cadmium	0.1291	U	mg/kg		0.53	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Cadmium	0.1291	U	mg/kg		0.5	0.1291	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Cadmium	0.1291	U	mg/kg		0.53	0.1291	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Cadmium	0.1291	U	mg/kg		0.52	0.1291	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Calcium	20400	J	mg/kg		50.8	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Calcium	27200	J	mg/kg		51.6	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Calcium	47300	J	mg/kg		51.1	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Calcium	24600	J	mg/kg		50.3	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Calcium	29600	J	mg/kg		51.4	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Calcium	40400		mg/kg		51.1	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Calcium	42000		mg/kg		50.7	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Calcium	25900		mg/kg		51.6	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Calcium	41100		mg/kg		51.6	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Calcium	19300	J	mg/kg		50.6	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Calcium	13500	J	mg/kg		51.1	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Calcium	20000	J	mg/kg		50.8	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Calcium	30200	J	mg/kg		50.6	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Calcium	13000	J	mg/kg		51.1	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Calcium	26500	J	mg/kg		50.9	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Calcium	30100	J	mg/kg		50.6	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Calcium	19100		mg/kg		51.6	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Calcium	18400		mg/kg		51	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Calcium	19900		mg/kg		50.3	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Calcium	23900		mg/kg		51.1	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Calcium	29500		mg/kg		51.1	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Calcium	19200		mg/kg		50.3	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Calcium	18100		mg/kg		52.5	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Calcium	44800		mg/kg		51.7	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Calcium	11200		mg/kg		50.6	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Calcium	17300		mg/kg		51.9	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Calcium	51900		mg/kg		52.3	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Calcium	25800		mg/kg		50.8	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Calcium	20600		mg/kg		52.2	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Calcium	32300		mg/kg		53.3	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Calcium	20600		mg/kg		50.8	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Calcium	20800		mg/kg		52.1	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Calcium	24500		mg/kg		52.5	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Calcium	19500		mg/kg		50.8	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Calcium	23400		mg/kg		50.4	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Calcium	21300		mg/kg		52.6	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Calcium	32000		mg/kg		52.2	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Calcium	13500		mg/kg		50.8	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Calcium	16500		mg/kg		54	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Calcium	14900		mg/kg		50.6	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Calcium	9440		mg/kg		63.1	1.028	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Calcium	18800		mg/kg		52.8	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Calcium	14400		mg/kg		51	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Calcium	16600		mg/kg		50.7	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Calcium	11400		mg/kg		52.5	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Calcium	18500		mg/kg		51.8	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Calcium	15000		mg/kg		50.7	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Calcium	17200		mg/kg		50.5	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Calcium	10300		mg/kg		53.1	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Calcium	18700		mg/kg		51.8	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Calcium	34200	J	mg/kg		50.6	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Calcium	38500	J	mg/kg		51.2	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Calcium	49100	J	mg/kg		51.3	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Calcium	31400	J	mg/kg		50.5	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Calcium	49100	J	mg/kg		51.8	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Calcium	45100	J	mg/kg		51.8	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Calcium	33300	J	mg/kg		50.6	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Calcium	65900	J	mg/kg		260	5.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Calcium	47000	J	mg/kg		51.8	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Calcium	43200	J	mg/kg		50.7	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Calcium	82800	J	mg/kg		260	5.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Calcium	42500	J	mg/kg		52	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Calcium	16600	J	mg/kg		50.5	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Calcium	30000	J	mg/kg		51.4	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Calcium	22800	J	mg/kg		52	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Calcium	26500	J	mg/kg		50.5	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Calcium	71900	J	mg/kg		260	5.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Calcium	44600	J	mg/kg		51.7	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Calcium	15800	J	mg/kg		50.4	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Calcium	17100	J	mg/kg		51.7	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Calcium	32300	J	mg/kg		51.6	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Calcium	14600	J	mg/kg		50.6	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Calcium	28700	J	mg/kg		53.1	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Calcium	21500	J	mg/kg		52.2	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Calcium	17600	J	mg/kg		50.6	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Calcium	19900	J	mg/kg		52.2	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Calcium	28800	J	mg/kg		51.6	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Calcium	28000		mg/kg		50.3	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Calcium	37300		mg/kg		52	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Calcium	19200		mg/kg		52.2	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Calcium	15000		mg/kg		50.3	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Calcium	49200		mg/kg		52.3	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Calcium	31900		mg/kg		51.4	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Calcium	22700	J	mg/kg		50.7	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Calcium	35600	J	mg/kg		53.1	1.028	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Calcium	17900	J	mg/kg		52.5	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Calcium	19800		mg/kg		50.4	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Calcium	64400		mg/kg		264	5.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Calcium	50600		mg/kg		52.8	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Calcium	16700		mg/kg		50.5	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Calcium	35100		mg/kg		52.6	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Calcium	70200		mg/kg		261	5.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Calcium	20900		mg/kg		50.4	1.028	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Calcium	42500		mg/kg		52.9	1.028	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Calcium	49900		mg/kg		51.9	1.028	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Chloride	1.6	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Chloride	71.5	J	mg/kg		20.6	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Chloride	426	J	mg/kg		40.8	5.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Chloride	4.1	J	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Chloride	215	J	mg/kg		20.6	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Chloride	34.1		mg/kg		2	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Chloride	1.2	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Chloride	17.1		mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Chloride	24.7		mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Chloride	2.3		mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Chloride	388		mg/kg		102	12.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Chloride	254		mg/kg		20.3	2.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Chloride	1.5	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Chloride	332		mg/kg		20.5	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Chloride	330		mg/kg		20.4	2.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Chloride	1.6	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Chloride	278		mg/kg		20.6	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Chloride	535		mg/kg		40.8	5.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Chloride	0.77	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Chloride	199		mg/kg		20.4	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Chloride	404	J	mg/kg		102	12.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Chloride	1.4	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Chloride	29.2	J	mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Chloride	763	J	mg/kg		103	12.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Chloride	1.7	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Chloride	643	J	mg/kg		104	13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Chloride	1110	J	mg/kg		105	13.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Chloride	0.38	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Chloride	2.7		mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Chloride	16		mg/kg		2.1	0.27	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Chloride	1.1	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Chloride	2.1		mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Chloride	6.3		mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Chloride	0.25	U	mg/kg		2	0.25	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Chloride	0.74	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Chloride	1.8	U	mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Chloride	1.6	U	mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Chloride	1.1	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Chloride	1.8	U	mg/kg		2.2	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Chloride	0.97	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Chloride	0.25	U	mg/kg		2.5	0.32	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Chloride	16.3		mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Chloride	0.51	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Chloride	0.79	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Chloride	1.6	U	mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Chloride	21.7	J	mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Chloride	1.8	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Chloride	0.84	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Chloride	3	J	mg/kg		2.1	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Chloride	23	J	mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Chloride	252		mg/kg		20.2	2.5	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Chloride	870		mg/kg		205	25.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Chloride	337		mg/kg		20.5	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Chloride	3.4		mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Chloride	758		mg/kg		41.5	5.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Chloride	209		mg/kg		20.7	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Chloride	1.3	B	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Chloride	236		mg/kg		20.8	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Chloride	17.7		mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Chloride	219	J	mg/kg		20.3	2.5	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Chloride	1060	J	mg/kg		104	13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Chloride	73.6	J	mg/kg		20.8	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Chloride	1.7	B J	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Chloride	2.5	J	mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Chloride	263	J	mg/kg		20.8	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Chloride	17.6	J	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Chloride	772	J	mg/kg		104	13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Chloride	141		mg/kg		20.7	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Chloride	7		mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Chloride	1.3	B	mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Chloride	26.9	J	mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Chloride	1.6	B J	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Chloride	36	J	mg/kg		2.1	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Chloride	144	J	mg/kg		20.9	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Chloride	1.2	B J	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Chloride	4.1	J	mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Chloride	155	J	mg/kg		20.7	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Chloride	38.7		mg/kg		20.1	2.5	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Chloride	47.7		mg/kg		20.8	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Chloride	22.9		mg/kg		20.9	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Chloride	7		mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Chloride	134		mg/kg		20.9	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Chloride	26		mg/kg		20.6	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Chloride	1.6	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Chloride	2.4		mg/kg		2.1	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Chloride	4.1		mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Chloride	0.72	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Chloride	33.1		mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Chloride	6.2	U	mg/kg		21.1	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Chloride	0.79	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Chloride	3.9	J	mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Chloride	27.4	J	mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Chloride	1.3	U	mg/kg		2	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Chloride	21.2	J	mg/kg		2.1	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Chloride	42.4	J	mg/kg		2.1	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Chromium (total)	13.9		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Chromium (total)	4.5		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Chromium (total)	5.4		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Chromium (total)	13.5		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Chromium (total)	5.9		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Chromium (total)	2.9		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Chromium (total)	11.6		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Chromium (total)	3.1		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Chromium (total)	2.6		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Chromium (total)	8		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Chromium (total)	6.4		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Chromium (total)	8.4		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Chromium (total)	11.1		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Chromium (total)	12		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Chromium (total)	5.8		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Chromium (total)	10.1		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Chromium (total)	5.8		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Chromium (total)	6		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Chromium (total)	12		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Chromium (total)	6.4		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Chromium (total)	6.2		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Chromium (total)	9		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Chromium (total)	6.2		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Chromium (total)	5.8		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Chromium (total)	12.8		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Chromium (total)	5		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Chromium (total)	4.4		mg/kg		1.1	0.1841	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Chromium (total)	6.4		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Chromium (total)	7.1		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Chromium (total)	7.5		mg/kg		1.1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Chromium (total)	7		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Chromium (total)	8.1		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Chromium (total)	9.1		mg/kg		1.1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Chromium (total)	7.7		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Chromium (total)	11.9		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Chromium (total)	7.5		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Chromium (total)	8.2		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Chromium (total)	3.6		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Chromium (total)	12.1		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Chromium (total)	10.9		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Chromium (total)	6.5		mg/kg		1.3	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Chromium (total)	10.8		mg/kg		1.1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Chromium (total)	4.8		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Chromium (total)	11.9		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Chromium (total)	6.9		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Chromium (total)	9.9		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Chromium (total)	4.7		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Chromium (total)	6.8		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Chromium (total)	6		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Chromium (total)	12.9		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Chromium (total)	15		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Chromium (total)	11.2		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Chromium (total)	10.3		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Chromium (total)	14.5		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Chromium (total)	9.5		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Chromium (total)	9.4		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Chromium (total)	13.5		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Chromium (total)	9.5		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Chromium (total)	8.6		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Chromium (total)	15.5		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Chromium (total)	6.7		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Chromium (total)	9.2		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Chromium (total)	14.5		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Chromium (total)	10.8		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Chromium (total)	8.1		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Chromium (total)	16.7		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Chromium (total)	9.8		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Chromium (total)	9		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Chromium (total)	12		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Chromium (total)	11.3		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Chromium (total)	7.8		mg/kg		1	0.1841	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Chromium (total)	7.6		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Chromium (total)	7.9		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Chromium (total)	7.4		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Chromium (total)	13.1		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Chromium (total)	9.1		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Chromium (total)	10		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Chromium (total)	7.5		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Chromium (total)	9.8		mg/kg		1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Chromium (total)	14.1		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Chromium (total)	8.4		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Chromium (total)	9.7		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Chromium (total)	7.6		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Chromium (total)	11.3		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Chromium (total)	11.6		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Chromium (total)	8.2		mg/kg		1.1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Chromium (total)	14.5		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Chromium (total)	8.8		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Chromium (total)	10.3		mg/kg		1.1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Chromium (total)	13.3		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Chromium (total)	9.9		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Chromium (total)	7.8		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Chromium (total)	10.7		mg/kg		1	0.1841	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Chromium (total)	9.1		mg/kg		1.1	0.1841	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Chromium (total)	9.1		mg/kg		1	0.1841	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Chromium VI	0.251	U	mg/kg		0.41	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Chromium VI	0.251	U	mg/kg		0.41	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Chromium VI	0.251	U	mg/kg		0.41	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Chromium VI	0.251	U	mg/kg		0.41	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Chromium VI	0.251	U	mg/kg		0.41	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Chromium VI	0.251	U	mg/kg		0.41	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Chromium VI	0.251	U	mg/kg		0.41	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Chromium VI	0.251	U	mg/kg		0.41	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Chromium VI	0.251	U	mg/kg		0.41	0.26	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Chromium VI	0.251	U	mg/kg		0.41	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Chromium VI	0.251	U	mg/kg		0.43	0.27	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Chromium VI	0.251	U	mg/kg		0.41	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Chromium VI	0.251	U	mg/kg		0.41	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Chromium VI	0.251	U	mg/kg		0.41	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Chromium VI	0.251	U	mg/kg		0.43	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Chromium VI	0.251	U	mg/kg		0.51	0.32	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Chromium VI	0.251	U	mg/kg		0.42	0.27	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Chromium VI	0.251	U	mg/kg		0.41	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Chromium VI	0.251	U	mg/kg		0.41	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Chromium VI	0.251	U	mg/kg		0.41	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Chromium VI	0.251	U	mg/kg		0.42	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Chromium VI	0.251	U	mg/kg		0.41	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Chromium VI	0.251	U	mg/kg		0.41	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Chromium VI	0.251	U	mg/kg		0.41	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Chromium VI	0.251	U	mg/kg		0.41	0.26	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Chromium VI	0.251	U	mg/kg		0.41	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Chromium VI	0.251	U	mg/kg		0.43	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Chromium VI	0.251	U	mg/kg		0.41	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Chromium VI	0.251	U	mg/kg		0.41	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Chromium VI	0.251	U	mg/kg		0.42	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Chromium VI	0.251	U	mg/kg		0.42	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Chromium VI	0.251	U	mg/kg		0.4	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Chromium VI	0.251	U	mg/kg		0.42	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Chromium VI	0.251	U	mg/kg		0.42	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Cobalt	9.8		mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Cobalt	4.8		mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Cobalt	6.7		mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Cobalt	8.2		mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Cobalt	6.2		mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Cobalt	3.7	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Cobalt	6.8	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Cobalt	5.4	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Cobalt	3.9	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Cobalt	5.7		mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Cobalt	5.9		mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Cobalt	6.1		mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Cobalt	7.3		mg/kg		1	0.064	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Cobalt	7.4		mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Cobalt	5.8		mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Cobalt	7.3		mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Cobalt	5.7	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Cobalt	7	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Cobalt	8.1	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Cobalt	6.6	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Cobalt	4.8	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Cobalt	7.5	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Cobalt	6	J	mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Cobalt	4.4	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Cobalt	9.3	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Cobalt	6.2	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Cobalt	4.7	J	mg/kg		1.1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Cobalt	11.2	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Cobalt	12.5	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Cobalt	11.6	J	mg/kg		1.1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Cobalt	11.9	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Cobalt	10.8	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Cobalt	16.3	J	mg/kg		1.1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Cobalt	14.6	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Cobalt	9.5	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Cobalt	10.6	J	mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Cobalt	12.2	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Cobalt	8.8	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Cobalt	11.4	J	mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Cobalt	8.8	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Cobalt	8.1	J	mg/kg		1.3	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Cobalt	8.9	J	mg/kg		1.1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Cobalt	8.7	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Cobalt	9.5	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Cobalt	8.3		mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Cobalt	10		mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Cobalt	9.3	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Cobalt	8.8		mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Cobalt	7		mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Cobalt	9.7		mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Cobalt	8.4	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Cobalt	10.2	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Cobalt	8.8	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Cobalt	10.1	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Cobalt	10.3	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Cobalt	9.9	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Cobalt	9.5	J	mg/kg		1	0.064	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Cobalt	9.7	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Cobalt	10.2	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Cobalt	9.6		mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Cobalt	6.4		mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Cobalt	9		mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Cobalt	9.4	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Cobalt	8.6		mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Cobalt	10.2		mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Cobalt	8.4		mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Cobalt	7.1		mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Cobalt	10.2		mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Cobalt	10.4	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Cobalt	9.4	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Cobalt	9.5	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Cobalt	9	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Cobalt	14.8	J	mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Cobalt	8.1	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Cobalt	9.4	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Cobalt	9.1	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Cobalt	9.2	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Cobalt	12.2	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Cobalt	9.7	J	mg/kg		1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Cobalt	11.3	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Cobalt	10.1	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Cobalt	11.1	J	mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Cobalt	8.2	J	mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Cobalt	9.9	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Cobalt	12.2	J	mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Cobalt	11.3	J	mg/kg		1.1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Cobalt	9.4	J	mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Cobalt	7.7	J	mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Cobalt	7.9	J	mg/kg		1.1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Cobalt	9.3		mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Cobalt	8		mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Cobalt	9.2		mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Cobalt	7.4		mg/kg		1	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Cobalt	7.3		mg/kg		1.1	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Cobalt	7.6		mg/kg		1	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Cobalt-57	-0.02	U	pCi/g	0.034	0.056	0.056	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Cobalt-57	-0.022	U	pCi/g	0.028	0.045	0.045	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Cobalt-57	0.021	U	pCi/g	0.034	0.061	0.061	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Cobalt-57	0.009	U	pCi/g	0.03	0.052	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Cobalt-57	0.022	U	pCi/g	0.034	0.062	0.062	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Cobalt-57	0.027	U	pCi/g	0.031	0.056	0.056	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Cobalt-57	0.007	U	pCi/g	0.031	0.054	0.054	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Cobalt-57	-0.003	U	pCi/g	0.034	0.058	0.058	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Cobalt-57	0.011	U	pCi/g	0.035	0.063	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Cobalt-57	0.007	U	pCi/g	0.031	0.053	0.053	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Cobalt-57	-0.007	U	pCi/g	0.033	0.057	0.057	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Cobalt-57	0.012	U	pCi/g	0.029	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Cobalt-57	-0.024	U	pCi/g	0.03	0.049	0.049	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Cobalt-57	0.0003	U	pCi/g	0.035	0.061	0.061	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Cobalt-57	-0.004	U	pCi/g	0.031	0.052	0.052	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Cobalt-57	-0.009	U	pCi/g	0.031	0.051	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Cobalt-57	0.004	U	pCi/g	0.035	0.062	0.062	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Cobalt-57	0.002	U	pCi/g	0.03	0.051	0.051	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Cobalt-57	0.006	U	pCi/g	0.035	0.061	0.061	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Cobalt-57	-0.01	U	pCi/g	0.033	0.057	0.057	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Cobalt-57	0.011	U	pCi/g	0.033	0.058	0.058	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Cobalt-57	-0.009	U	pCi/g	0.03	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Cobalt-57	-0.012	U	pCi/g	0.035	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Cobalt-57	-0.002	U	pCi/g	0.028	0.046	0.046	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Cobalt-57	0.025	U	pCi/g	0.036	0.066	0.066	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Cobalt-57	-0.025	U	pCi/g	0.031	0.049	0.049	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Cobalt-57	0.001	U	pCi/g	0.033	0.059	0.059	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Cobalt-57	-0.029	U	pCi/g	0.031	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Cobalt-57	0.005	U	pCi/g	0.025	0.043	0.043	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Cobalt-57	-0.005	U	pCi/g	0.027	0.045	0.045	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Cobalt-57	-0.011	U	pCi/g	0.028	0.048	0.048	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Cobalt-57	-0.006	U	pCi/g	0.031	0.053	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Cobalt-57	-0.032	U	pCi/g	0.028	0.042	0.042	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Cobalt-57	0.01	U	pCi/g	0.03	0.055	0.055	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Cobalt-57	0.008	U	pCi/g	0.03	0.054	0.054	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Cobalt-57	-0.027	U	pCi/g	0.027	0.042	0.042	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Cobalt-57	0.012	U	pCi/g	0.028	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Cobalt-57	0.016	U	pCi/g	0.029	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Cobalt-57	-0.037	U	pCi/g	0.037	0.061	0.061	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Cobalt-57	0.002	U	pCi/g	0.029	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Cobalt-57	-0.021	U	pCi/g	0.031	0.053	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Cobalt-57	0.002	U	pCi/g	0.029	0.049	0.049	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Cobalt-57	0.007	U	pCi/g	0.031	0.053	0.053	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Cobalt-57	0.013	U	pCi/g	0.03	0.054	0.054	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Cobalt-57	-0.045	U	pCi/g	0.031	0.047	0.047	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Cobalt-57	-0.001	U	pCi/g	0.033	0.057	0.057	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Cobalt-57	0.009	U	pCi/g	0.033	0.058	0.058	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Cobalt-57	0.014	U	pCi/g	0.031	0.054	0.054	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Cobalt-57	-0.002	U	pCi/g	0.033	0.058	0.058	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Cobalt-57	-0.031	U	pCi/g	0.036	0.056	0.056	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Cobalt-57	0.03	U	pCi/g	0.035	0.064	0.064	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Cobalt-57	-0.004	U	pCi/g	0.026	0.044	0.044	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Cobalt-57	0.005	U	pCi/g	0.031	0.054	0.054	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Cobalt-57	0.026	U	pCi/g	0.029	0.052	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Cobalt-57	-0.014	U	pCi/g	0.031	0.052	0.052	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Cobalt-57	0.017	U	pCi/g	0.031	0.056	0.056	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Cobalt-57	-0.002	U	pCi/g	0.027	0.046	0.046	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Cobalt-57	0.016	U	pCi/g	0.03	0.055	0.055	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Cobalt-57	-0.01	U	pCi/g	0.029	0.051	0.051	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Cobalt-57	0.029	U	pCi/g	0.031	0.055	0.055	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Cobalt-57	0.001	U	pCi/g	0.031	0.055	0.055	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Cobalt-57	0.015	U	pCi/g	0.029	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Cobalt-57	-0.014	U	pCi/g	0.029	0.048	0.048	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Cobalt-57	-0.014	U	pCi/g	0.032	0.054	0.054	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Cobalt-57	0.005	U	pCi/g	0.026	0.045	0.045	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Cobalt-57	0.013	U	pCi/g	0.031	0.054	0.054	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Cobalt-57	-0.004	U	pCi/g	0.034	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Cobalt-57	-0.002	U	pCi/g	0.028	0.048	0.048	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Cobalt-57	0.022	U	pCi/g	0.034	0.062	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Cobalt-57	-0.029	U	pCi/g	0.03	0.048	0.048	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Cobalt-57	-0.01	U	pCi/g	0.035	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Cobalt-57	0.014	U	pCi/g	0.028	0.049	0.049	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Cobalt-57	0.005	U	pCi/g	0.033	0.058	0.058	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Cobalt-57	-0.009	U	pCi/g	0.031	0.051	0.051	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Cobalt-57	-0.024	U	pCi/g	0.032	0.053	0.053	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Cobalt-57	0.021	U	pCi/g	0.028	0.049	0.049	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Cobalt-57	-0.005	U	pCi/g	0.032	0.055	0.055	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Cobalt-57	-0.0007	U	pCi/g	0.028	0.047	0.047	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Cobalt-57	0.013	U	pCi/g	0.032	0.057	0.057	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Cobalt-57	-0.0003	U	pCi/g	0.027	0.045	0.045	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Cobalt-57	-0.002	U	pCi/g	0.027	0.045	0.045	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Cobalt-57	0.009	U	pCi/g	0.034	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Cobalt-57	0.025	U	pCi/g	0.031	0.054	0.054	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Cobalt-57	-0.016	U	pCi/g	0.032	0.053	0.053	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Cobalt-57	-0.008	U	pCi/g	0.033	0.056	0.056	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Cobalt-57	0.04	U	pCi/g	0.028	0.052	0.052	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Cobalt-57	0.018	U	pCi/g	0.033	0.059	0.059	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Cobalt-57	0.009	U	pCi/g	0.026	0.046	0.046	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Cobalt-57	0.007	U	pCi/g	0.031	0.055	0.055	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Cobalt-57	-0.031	U	pCi/g	0.033	0.053	0.053	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Cobalt-57	0.011	U	pCi/g	0.029	0.051	0.051	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Cobalt-57	0.018	U	pCi/g	0.031	0.054	0.054	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Cobalt-57	-0.005	U	pCi/g	0.029	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Cobalt-57	-0.014	U	pCi/g	0.032	0.055	0.055	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Cobalt-57	0.019	U	pCi/g	0.029	0.052	0.052	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Cobalt-60	-0.009	U	pCi/g	0.057	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Cobalt-60	0.05	U	pCi/g	0.055	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Cobalt-60	0.037	U	pCi/g	0.058	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Cobalt-60	0.024	U	pCi/g	0.061	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Cobalt-60	-0.033	U	pCi/g	0.06	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Cobalt-60	0.028	U	pCi/g	0.064	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Cobalt-60	-0.012	U	pCi/g	0.062	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Cobalt-60	-0.001	U	pCi/g	0.066	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Cobalt-60	-0.003	U	pCi/g	0.069	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Cobalt-60	-0.058	U	pCi/g	0.071	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Cobalt-60	0.065	U	pCi/g	0.062	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Cobalt-60	0.013	U	pCi/g	0.051	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Cobalt-60	0.019	U	pCi/g	0.062	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Cobalt-60	-0.014	U	pCi/g	0.07	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Cobalt-60	-0.018	U	pCi/g	0.065	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Cobalt-60	0.044	U	pCi/g	0.056	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Cobalt-60	-0.038	U	pCi/g	0.061	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Cobalt-60	0.007	U	pCi/g	0.065	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Cobalt-60	-0.073	U	pCi/g	0.065	0.093	0.093	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Cobalt-60	-0.023	U	pCi/g	0.058	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Cobalt-60	0.049	U	pCi/g	0.063	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Cobalt-60	-0.022	U	pCi/g	0.062	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Cobalt-60	-0.034	U	pCi/g	0.057	0.098	0.098	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Cobalt-60	0.002	U	pCi/g	0.058	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Cobalt-60	0.014	U	pCi/g	0.054	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Cobalt-60	-0.054	U	pCi/g	0.055	0.085	0.085	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Cobalt-60	0.009	U	pCi/g	0.06	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Cobalt-60	0.006	U	pCi/g	0.049	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Cobalt-60	-0.013	U	pCi/g	0.049	0.088	0.088	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Cobalt-60	0.026	U	pCi/g	0.049	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Cobalt-60	-0.009	U	pCi/g	0.045	0.088	0.088	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Cobalt-60	-0.026	U	pCi/g	0.043	0.074	0.074	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Cobalt-60	-0.02	U	pCi/g	0.05	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Cobalt-60	0.026	U	pCi/g	0.049	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Cobalt-60	-0.053	U	pCi/g	0.059	0.095	0.095	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Cobalt-60	0.04	U	pCi/g	0.051	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Cobalt-60	0.028	U	pCi/g	0.055	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Cobalt-60	-0.017	U	pCi/g	0.055	0.098	0.098	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Cobalt-60	-0.011	U	pCi/g	0.06	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Cobalt-60	-0.005	U	pCi/g	0.052	0.097	0.097	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Cobalt-60	-0.012	U	pCi/g	0.049	0.091	0.091	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Cobalt-60	0.061	U	pCi/g	0.059	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Cobalt-60	0.011	U	pCi/g	0.05	0.1	0.1	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Cobalt-60	0.025	U	pCi/g	0.059	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Cobalt-60	0.071	U	pCi/g	0.058	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Cobalt-60	0.011	U	pCi/g	0.06	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Cobalt-60	-0.052	U	pCi/g	0.069	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Cobalt-60	0.003	U	pCi/g	0.067	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Cobalt-60	0.015	U	pCi/g	0.052	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Cobalt-60	0.011	U	pCi/g	0.066	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Cobalt-60	-0.017	U	pCi/g	0.062	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Cobalt-60	0.023	U	pCi/g	0.048	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Cobalt-60	0.015	U	pCi/g	0.046	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Cobalt-60	0.011	U	pCi/g	0.061	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Cobalt-60	-0.008	U	pCi/g	0.059	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Cobalt-60	0.043	U	pCi/g	0.047	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Cobalt-60	-0.053	U	pCi/g	0.06	0.097	0.097	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Cobalt-60	0.013	U	pCi/g	0.05	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Cobalt-60	-0.009	U	pCi/g	0.05	0.096	0.096	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Cobalt-60	-0.028	U	pCi/g	0.064	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Cobalt-60	0.04	U	pCi/g	0.055	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Cobalt-60	-0.019	U	pCi/g	0.059	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Cobalt-60	0.011	U	pCi/g	0.062	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Cobalt-60	-0.009	U	pCi/g	0.061	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Cobalt-60	-0.042	U	pCi/g	0.05	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Cobalt-60	0.034	U	pCi/g	0.074	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Cobalt-60	-0.003	U	pCi/g	0.062	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Cobalt-60	0.044	U	pCi/g	0.046	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Cobalt-60	0.008	U	pCi/g	0.06	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Cobalt-60	0.013	U	pCi/g	0.056	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Cobalt-60	0.04	U	pCi/g	0.062	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Cobalt-60	-0.001	U	pCi/g	0.051	0.097	0.097	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Cobalt-60	-0.017	U	pCi/g	0.063	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Cobalt-60	0.024	U	pCi/g	0.06	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Cobalt-60	0.008	U	pCi/g	0.057	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Cobalt-60	0.038	U	pCi/g	0.058	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Cobalt-60	-0.03	U	pCi/g	0.054	0.093	0.093	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Cobalt-60	-0.049	U	pCi/g	0.048	0.073	0.073	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Cobalt-60	-0.015	U	pCi/g	0.056	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Cobalt-60	0.003	U	pCi/g	0.052	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Cobalt-60	0.006	U	pCi/g	0.058	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Cobalt-60	0.023	U	pCi/g	0.061	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Cobalt-60	0.014	U	pCi/g	0.054	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Cobalt-60	-0.025	U	pCi/g	0.056	0.099	0.099	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Cobalt-60	0.002	U	pCi/g	0.051	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Cobalt-60	-0.017	U	pCi/g	0.051	0.095	0.095	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Cobalt-60	-0.004	U	pCi/g	0.051	0.098	0.098	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Cobalt-60	-0.055	U	pCi/g	0.052	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Cobalt-60	-0.025	U	pCi/g	0.061	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Cobalt-60	-0.041	U	pCi/g	0.053	0.086	0.086	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Cobalt-60	0.026	U	pCi/g	0.057	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Cobalt-60	0.013	U	pCi/g	0.048	0.099	0.099	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Cobalt-60	0.012	U	pCi/g	0.046	0.097	0.097	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Cobalt-60	-0.028	U	pCi/g	0.055	0.098	0.098	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Cobalt-60	0.004	U	pCi/g	0.06	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Copper	23.7		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Copper	12		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Copper	17.9		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Copper	18.2		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Copper	14.7		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Copper	10.2		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Copper	16.7		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Copper	11.9		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Copper	11		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Copper	13.7		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Copper	13.5		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Copper	14.9		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Copper	18.6		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Copper	20.6		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Copper	14.7		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Copper	19.1		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Copper	13.6		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Copper	15.7		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Copper	17.8		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Copper	24.2		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Copper	14.6		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Copper	17		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Copper	14.4		mg/kg		1.1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Copper	12.8		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Copper	18.7		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Copper	15.4		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Copper	14.6		mg/kg		1.1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Copper	19.9	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Copper	22.7	J	mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Copper	19.8	J	mg/kg		1.1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Copper	19.6	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Copper	17.6	J	mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Copper	22.1	J	mg/kg		1.1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Copper	23.8	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Copper	15.7		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Copper	20.9	J	mg/kg		1.1	0.2205	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Copper	18.2	J	mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Copper	23.9	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Copper	20.5	J	mg/kg		1.1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Copper	18.2		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Copper	15.3		mg/kg		1.3	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Copper	16.7		mg/kg		1.1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Copper	22.9	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Copper	18.6		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Copper	15.5		mg/kg		1.1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Copper	19		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Copper	21	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Copper	18.7		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Copper	13.8		mg/kg		1.1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Copper	19.9		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Copper	15.4	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Copper	17.1	J	mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Copper	17.2	J	mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Copper	19.2	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Copper	19	J	mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Copper	16.1	J	mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Copper	19.1	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Copper	18.8	J	mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Copper	19.1	J	mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Copper	20.4		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Copper	13.1		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Copper	13.3		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Copper	16.6	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Copper	15		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Copper	15.2		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Copper	17.2		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Copper	13.6		mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Copper	17		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Copper	21	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Copper	20.3	J	mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Copper	20.9	J	mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Copper	18.5	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Copper	22.9	J	mg/kg		1.1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Copper	17.1	J	mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Copper	19	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Copper	19.7	J	mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Copper	20.4	J	mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Copper	25.9	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Copper	20.8	J	mg/kg		1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Copper	23.9	J	mg/kg		1	0.2205	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Copper	23.1	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Copper	19.6	J	mg/kg		1.1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Copper	22.5	J	mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Copper	19.6	J	mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Copper	21.2	J	mg/kg		1.1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Copper	21.7	J	mg/kg		1.1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Copper	19.5		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Copper	13.3		mg/kg		1.1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Copper	17		mg/kg		1.1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Copper	17.2		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Copper	15.4		mg/kg		1.1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Copper	14.5		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Copper	14.8		mg/kg		1	0.2205	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Copper	15.2		mg/kg		1.1	0.2205	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Copper	13.8		mg/kg		1	0.2205	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Fluoride	1.2	U	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Fluoride	0.72	U	mg/kg		1	0.052	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Fluoride	0.36	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Fluoride	0.6	U	mg/kg		1	0.052	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Fluoride	0.051	U	mg/kg		1	0.052	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Fluoride	0.051	U	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Fluoride	0.051	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Fluoride	0.36	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Fluoride	0.051	U	mg/kg		1	0.052	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Fluoride	0.32	U	mg/kg		1	0.052	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Fluoride	0.34	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Fluoride	0.051	U	mg/kg		1	0.052	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Fluoride	0.76	U	mg/kg		1	0.052	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Fluoride	0.32	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Fluoride	0.051	U	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Fluoride	0.4	U	mg/kg		1	0.052	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Fluoride	0.63	U	mg/kg		1	0.052	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Fluoride	1	U	mg/kg		1	0.052	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Fluoride	0.32	U	mg/kg		1.1	0.054	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Fluoride	0.23	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Fluoride	0.29	U	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Fluoride	0.051	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Fluoride	0.76	U	mg/kg		1	0.053	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Fluoride	2.5	J+	mg/kg		1.1	0.054	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Fluoride	0.89	U	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Fluoride	1.5	U	mg/kg		1.1	0.054	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Fluoride	1	U	mg/kg		1.1	0.054	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Fluoride	1.6	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Fluoride	2.1	U	mg/kg		1.1	0.055	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Fluoride	0.051	U	mg/kg		1.3	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Fluoride	0.051	U	mg/kg		1.1	0.054	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Fluoride	0.051	U	mg/kg		1.1	0.054	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Fluoride	0.051	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Fluoride	0.051	U	mg/kg		1.1	0.054	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Fluoride	0.051	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Fluoride	0.051	U	mg/kg		10.2	0.52	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Fluoride	0.051	U	mg/kg		10.3	0.52	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Fluoride	1.1		mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Fluoride	0.051	U	mg/kg		20.7	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Fluoride	0.051	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Fluoride	0.37	B	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Fluoride	0.31	B	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Fluoride	0.16	B	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Fluoride	0.61	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Fluoride	0.55	U	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Fluoride	0.79	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Fluoride	0.79	B	mg/kg		1	0.052	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Fluoride	0.46	B	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Fluoride	0.52	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Fluoride	0.77	U	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Fluoride	0.75	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Fluoride	0.36	B	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Fluoride	0.31	B	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Fluoride	0.94	B	mg/kg		1.1	0.054	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Fluoride	0.5	B	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Fluoride	0.67	B	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Fluoride	0.77	B	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Fluoride	0.58	U	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Fluoride	0.93	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Fluoride	1.4	U	mg/kg		1	0.053	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Fluoride	1	U	mg/kg		1	0.052	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Fluoride	0.051	U	mg/kg		1	0.052	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Fluoride	1.2	U	mg/kg		1.1	0.054	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Fluoride	1.6	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Fluoride	0.051	U	mg/kg		1.1	0.054	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Fluoride	0.051	U	mg/kg		1.1	0.054	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Fluoride	0.051	U	mg/kg		1.1	0.054	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Fluoride	0.051	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Fluoride	0.051	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Fluoride	0.051	U	mg/kg		1	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Fluoride	0.051	U	mg/kg		1.1	0.054	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Fluoride	0.24	U	mg/kg		1	0.053	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Iron	15100		mg/kg		10.2	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Iron	6640		mg/kg		10.3	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Iron	6870		mg/kg		10.2	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Iron	14400		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Iron	8260		mg/kg		10.3	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Iron	5410		mg/kg		10.2	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Iron	13300		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Iron	6350		mg/kg		10.3	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Iron	5510		mg/kg		10.3	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Iron	10500		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Iron	9430		mg/kg		10.2	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Iron	10200		mg/kg		10.2	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Iron	13200		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Iron	11200		mg/kg		10.2	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Iron	9170		mg/kg		10.2	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Iron	12500		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Iron	9450		mg/kg		10.3	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Iron	10100		mg/kg		10.2	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Iron	13200		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Iron	8890		mg/kg		10.2	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Iron	8100		mg/kg		10.2	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Iron	12100		mg/kg		10.1	1.173	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Iron	9780		mg/kg		10.5	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Iron	7400		mg/kg		10.3	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Iron	15500		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Iron	8940		mg/kg		10.4	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Iron	6570		mg/kg		10.5	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Iron	16800		mg/kg		10.2	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Iron	18600		mg/kg		10.4	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Iron	16800		mg/kg		10.7	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Iron	18300		mg/kg		10.2	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Iron	18800		mg/kg		10.4	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Iron	19100		mg/kg		10.5	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Iron	16600		mg/kg		10.2	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Iron	19700		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Iron	18500		mg/kg		10.5	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Iron	17400		mg/kg		10.4	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Iron	10500		mg/kg		10.2	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Iron	16200		mg/kg		10.8	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Iron	14500		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Iron	11900		mg/kg		12.6	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Iron	14700		mg/kg		10.6	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Iron	10700		mg/kg		10.2	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Iron	15700		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Iron	12300		mg/kg		10.5	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Iron	12300		mg/kg		10.4	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Iron	10700		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Iron	11700		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Iron	8740		mg/kg		10.6	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Iron	14100		mg/kg		10.4	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Iron	16600		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Iron	17000		mg/kg		10.2	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Iron	14100		mg/kg		10.3	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Iron	17200		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Iron	15500		mg/kg		10.4	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Iron	15300		mg/kg		10.4	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Iron	17900		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Iron	16100		mg/kg		10.4	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Iron	15600		mg/kg		10.4	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Iron	16700		mg/kg		10.2	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Iron	10200		mg/kg		10.4	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Iron	13500		mg/kg		10.4	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Iron	16900		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Iron	16500		mg/kg		10.3	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Iron	13500		mg/kg		10.4	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Iron	17400		mg/kg		10.1	1.173	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Iron	13100		mg/kg		10.4	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Iron	14900		mg/kg		10.3	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Iron	15200		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Iron	14000		mg/kg		10.3	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Iron	12500		mg/kg		10.3	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Iron	12100		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Iron	13000		mg/kg		10.6	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Iron	12300		mg/kg		10.4	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Iron	14600		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Iron	12600		mg/kg		10.4	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Iron	13200		mg/kg		10.3	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Iron	13700		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Iron	14600		mg/kg		10.4	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Iron	14300		mg/kg		10.5	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Iron	9030		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Iron	14200		mg/kg		10.5	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Iron	11700		mg/kg		10.3	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Iron	17400	J	mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Iron	16600	J	mg/kg		10.6	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Iron	14900	J	mg/kg		10.5	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Iron	16300		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Iron	11400		mg/kg		10.5	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Iron	12700		mg/kg		10.6	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Iron	15100		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Iron	12400		mg/kg		10.5	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Iron	8790		mg/kg		10.4	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Iron	12800		mg/kg		10.1	1.173	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Iron	11400		mg/kg		10.6	1.173	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Iron	10400		mg/kg		10.4	1.173	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Lead	11.5	J	mg/kg		0.31	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Lead	4.9	J	mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Lead	4.5	J	mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Lead	11.8	J	mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Lead	6.2	J	mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Lead	3	J	mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Lead	12.2	J	mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Lead	5	J	mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Lead	3.6	J	mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Lead	7.5	J	mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Lead	6.6	J	mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Lead	6	J	mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Lead	9.2	J	mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Lead	6.8	J	mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Lead	5.7	J	mg/kg		0.31	0.0506	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Lead	9	J	mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Lead	6.6		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Lead	7.2		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Lead	11		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Lead	5.7		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Lead	4.8		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Lead	9.6		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Lead	6		mg/kg		0.32	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Lead	4.2		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Lead	11.9		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Lead	6.5		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Lead	4.4		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Lead	7.3		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Lead	7.2		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Lead	6.3		mg/kg		0.32	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Lead	8.2		mg/kg		0.31	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Lead	7.7		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Lead	7.3		mg/kg		0.32	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Lead	6		mg/kg		0.31	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Lead	9.4		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Lead	6.6		mg/kg		0.32	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Lead	6.7		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Lead	9.1		mg/kg		0.31	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Lead	6.4		mg/kg		0.32	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Lead	9.1	J	mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Lead	6.7	J	mg/kg		0.38	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Lead	7.8	J	mg/kg		0.32	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Lead	8.1		mg/kg		0.31	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Lead	7.9	J	mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Lead	6.9		mg/kg		0.32	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Lead	6		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Lead	8		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Lead	7.6		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Lead	5.3		mg/kg		0.32	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Lead	7.7		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Lead	10.3		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Lead	9.2		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Lead	5.3		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Lead	10.5		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Lead	6.9		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Lead	6.7		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Lead	10.9		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Lead	7.2		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Lead	5.6		mg/kg		0.31	0.0506	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Lead	10.1	J	mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Lead	5.9	J	mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Lead	6	J	mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Lead	10.9		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Lead	10.9	J	mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Lead	6.8	J	mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Lead	12.2	J	mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Lead	7.3	J	mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Lead	6.3	J	mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Lead	9.3		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Lead	6.5		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Lead	5.9		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Lead	7.4		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Lead	7.8		mg/kg		0.32	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Lead	7.3		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Lead	10.5		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Lead	7.2		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Lead	6.3		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Lead	25.6		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Lead	9.3		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Lead	6.6		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Lead	35.1		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Lead	9.8		mg/kg		0.31	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Lead	5.9		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Lead	11.1		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Lead	8.8		mg/kg		0.32	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Lead	5.6		mg/kg		0.32	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Lead	19.1	J	mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Lead	5.7	J	mg/kg		0.32	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Lead	6.3	J	mg/kg		0.32	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Lead	16.4		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Lead	6.9		mg/kg		0.32	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Lead	4.9		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Lead	13.7		mg/kg		0.3	0.0506	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Lead	6.4		mg/kg		0.32	0.0506	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Lead	5.7		mg/kg		0.31	0.0506	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Lead-210	0.8	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Lead-210	1.04	U	pCi/g	0.996	1.9	1.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Lead-210	0.7	U	pCi/g	1.4	2.6	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Lead-210	1.6	U	pCi/g	1.4	2.6	2.6	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Lead-210	1.2	U	pCi/g	1.3	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Lead-210	0.5	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Lead-210	0.9	U	pCi/g	1.4	2.5	2.5	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Lead-210	1.6	U	pCi/g	1.4	2.7	2.7	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Lead-210	0.7	U	pCi/g	1.4	2.5	2.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Lead-210	1.9	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Lead-210	0.3	U	pCi/g	1.3	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Lead-210	1	U	pCi/g	1.1	1.7	1.7	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Lead-210	1	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Lead-210	1.4	U	pCi/g	1.3	2.4	2.4	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Lead-210	0.6	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Lead-210	-0.05	U	pCi/g	1.2	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Lead-210	0.5	U	pCi/g	1.3	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Lead-210	0.009	U	pCi/g	1.1	2	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Lead-210	1.5	U	pCi/g	1.3	2.6	2.6	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Lead-210	0.5	U	pCi/g	1.4	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Lead-210	1.6	U	pCi/g	1.3	2.6	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Lead-210	0.5	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Lead-210	-0.3	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Lead-210	0.3	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Lead-210	2	U	pCi/g	1.4	2.8	2.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Lead-210	0.1	U	pCi/g	1.1	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Lead-210	1.1	U	pCi/g	1.3	2.3	2.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Lead-210	0.8	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Lead-210	-0.2	U	pCi/g	1	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Lead-210	2.2		pCi/g	1.6	1.5	1.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Lead-210	0.3	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Lead-210	0.2	U	pCi/g	1.1	1.9	1.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Lead-210	0.81	U	pCi/g	0.91	1.8	1.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Lead-210	0.2	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Lead-210	0.06	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Lead-210	-0.3	U	pCi/g	0.94	1.7	1.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Lead-210	-0.1	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Lead-210	-0.3	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Lead-210	0.8	U	pCi/g	1.4	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Lead-210	1.7	U	pCi/g	1.1	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Lead-210	1.7	U	pCi/g	1.2	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Lead-210	0.09	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Lead-210	0.4	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Lead-210	0.4	U	pCi/g	1.1	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Lead-210	0.36	U	pCi/g	0.98	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Lead-210	0.3	U	pCi/g	1.4	2.5	2.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Lead-210	0.7	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Lead-210	0.7	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Lead-210	-0.5	U	pCi/g	1.3	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Lead-210	0.3	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Lead-210	0.5	U	pCi/g	1.3	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Lead-210	0.18	U	pCi/g	0.99	1.8	1.8	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Lead-210	0.1	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Lead-210	1.1	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Lead-210	-0.1	U	pCi/g	1.2	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Lead-210	0.2	U	pCi/g	1.1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Lead-210	1.19	U	pCi/g	0.98	1.9	1.9	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Lead-210	0.3	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Lead-210	0.6	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Lead-210	0.6	U	pCi/g	1.1	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Lead-210	0.6	U	pCi/g	1.2	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Lead-210	0.8	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Lead-210	0.8	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Lead-210	0.6	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Lead-210	1.1	U	pCi/g	1.1	2	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Lead-210	1.5	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Lead-210	0.2	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Lead-210	0.8	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Lead-210	0.4	U	pCi/g	1.3	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Lead-210	0.2	U	pCi/g	1.1	1.9	1.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Lead-210	0.4	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Lead-210	0.63	U	pCi/g	0.97	1.8	1.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Lead-210	0.8	U	pCi/g	1.3	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Lead-210	0.7	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Lead-210	-0.002	U	pCi/g	1.2	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Lead-210	0.2	U	pCi/g	1	1.9	1.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Lead-210	1.2	U	pCi/g	1.2	2.4	2.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Lead-210	0.8	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Lead-210	-0.3	U	pCi/g	1.1	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Lead-210	0.91	U	pCi/g	0.96	1.8	1.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Lead-210	0.6	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Lead-210	0.2	U	pCi/g	1.4	2.6	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Lead-210	0.9	U	pCi/g	1.2	2.2	2.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Lead-210	0.5	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Lead-210	-0.1	U	pCi/g	1.2	2.1	2.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Lead-210	1.3	U	pCi/g	0.98	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Lead-210	1.1	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Lead-210	0.33	U	pCi/g	0.97	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Lead-210	0.7	U	pCi/g	1.2	2.2	2.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Lead-210	0.6	U	pCi/g	1.3	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Lead-210	-0.2	U	pCi/g	1.1	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Lead-210	0.7	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Lead-210	0.6	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Lead-210	0.5	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Lead-210	1.7	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Lead-211	-0.19	U	pCi/g	0.46	0.77	0.77	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Lead-211	-0.29	U	pCi/g	0.43	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Lead-211	-0.41	U	pCi/g	0.45	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Lead-211	0.1	U	pCi/g	0.48	0.85	0.85	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Lead-211	-0.003	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Lead-211	-0.36	U	pCi/g	0.46	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Lead-211	-0.02	U	pCi/g	0.48	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Lead-211	-0.17	U	pCi/g	0.51	0.87	0.87	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Lead-211	0.24	U	pCi/g	0.52	0.93	0.93	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Lead-211	0.34	U	pCi/g	0.44	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Lead-211	0.14	U	pCi/g	0.47	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Lead-211	-0.11	U	pCi/g	0.42	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Lead-211	0.08	U	pCi/g	0.45	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Lead-211	0.23	U	pCi/g	0.48	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Lead-211	0.15	U	pCi/g	0.42	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Lead-211	0.2	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Lead-211	0.36	U	pCi/g	0.47	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Lead-211	-0.09	U	pCi/g	0.43	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Lead-211	0.38	U	pCi/g	0.52	0.97	0.97	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Lead-211	-0.38	U	pCi/g	0.51	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Lead-211	-0.19	U	pCi/g	0.45	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Lead-211	0.27	U	pCi/g	0.45	0.82	0.82	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Lead-211	0.02	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Lead-211	-0.16	U	pCi/g	0.37	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Lead-211	0.13	U	pCi/g	0.48	0.87	0.87	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Lead-211	0.13	U	pCi/g	0.43	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Lead-211	-0.27	U	pCi/g	0.48	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Lead-211	-0.22	U	pCi/g	0.41	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Lead-211	-0.11	U	pCi/g	0.36	0.62	0.62	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Lead-211	-0.25	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Lead-211	0.06	U	pCi/g	0.41	0.74	0.74	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Lead-211	-0.15	U	pCi/g	0.39	0.66	0.66	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Lead-211	0.12	U	pCi/g	0.34	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Lead-211	-0.27	U	pCi/g	0.41	0.68	0.68	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Lead-211	-0.42	U	pCi/g	0.42	0.66	0.66	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Lead-211	0.15	U	pCi/g	0.38	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Lead-211	0.04	U	pCi/g	0.44	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Lead-211	0.36	U	pCi/g	0.41	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Lead-211	0.3	U	pCi/g	0.52	0.95	0.95	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Lead-211	0.23	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Lead-211	0.13	U	pCi/g	0.45	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Lead-211	-0.03	U	pCi/g	0.43	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Lead-211	0.008	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Lead-211	-0.05	U	pCi/g	0.41	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Lead-211	-0.13	U	pCi/g	0.41	0.71	0.71	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Lead-211	0.02	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Lead-211	0.06	U	pCi/g	0.44	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Lead-211	-0.28	U	pCi/g	0.46	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Lead-211	0.21	U	pCi/g	0.47	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Lead-211	-0.02	U	pCi/g	0.49	0.87	0.87	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Lead-211	-0.29	U	pCi/g	0.51	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Lead-211	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Lead-211	-0.07	U	pCi/g	0.44	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Lead-211	0.2	U	pCi/g	0.4	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Lead-211	-0.02	U	pCi/g	0.42	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Lead-211	0.11	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Lead-211	-0.27	U	pCi/g	0.41	0.69	0.69	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Lead-211	-0.32	U	pCi/g	0.43	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Lead-211	-0.37	U	pCi/g	0.46	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Lead-211	-0.13	U	pCi/g	0.45	0.78	0.78	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Lead-211	0.12	U	pCi/g	0.46	0.84	0.84	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Lead-211	-0.11	U	pCi/g	0.42	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Lead-211	0.03	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Lead-211	-0.05	U	pCi/g	0.38	0.68	0.68	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Lead-211	-0.24	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Lead-211	-0.18	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Lead-211	-0.11	U	pCi/g	0.47	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Lead-211	-0.12	U	pCi/g	0.4	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Lead-211	0.13	U	pCi/g	0.44	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Lead-211	-0.24	U	pCi/g	0.44	0.74	0.74	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Lead-211	-0.17	U	pCi/g	0.49	0.83	0.83	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Lead-211	-0.32	U	pCi/g	0.35	0.58	0.58	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Lead-211	0.03	U	pCi/g	0.48	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Lead-211	-0.27	U	pCi/g	0.45	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Lead-211	0.14	U	pCi/g	0.46	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Lead-211	0.13	U	pCi/g	0.42	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Lead-211	0.37	U	pCi/g	0.49	0.91	0.91	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Lead-211	-0.29	U	pCi/g	0.38	0.62	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Lead-211	-0.52	U	pCi/g	0.47	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Lead-211	0.31	U	pCi/g	0.4	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Lead-211	-0.49	U	pCi/g	0.38	0.59	0.59	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Lead-211	0.4	U	pCi/g	0.49	0.93	0.93	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Lead-211	-0.33	U	pCi/g	0.44	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Lead-211	-0.06	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Lead-211	-0.29	U	pCi/g	0.47	0.77	0.77	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Lead-211	-0.1	U	pCi/g	0.39	0.68	0.68	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Lead-211	0.26	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Lead-211	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Lead-211	0.03	U	pCi/g	0.46	0.8	0.8	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Lead-211	-0.15	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Lead-211	0.06	U	pCi/g	0.42	0.75	0.75	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Lead-211	-0.04	U	pCi/g	0.39	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Lead-211	0.03	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Lead-211	-0.2	U	pCi/g	0.51	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Lead-211	-0.06	U	pCi/g	0.4	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Lead-212	1.69		pCi/g	0.3	0.22	0.22	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Lead-212	1.58		pCi/g	0.26	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Lead-212	1.58		pCi/g	0.28	0.19	0.19	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Lead-212	1.93		pCi/g	0.28	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Lead-212	1.71		pCi/g	0.26	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Lead-212	1.88		pCi/g	0.28	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Lead-212	1.74		pCi/g	0.26	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Lead-212	1.65		pCi/g	0.26	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Lead-212	1.71		pCi/g	0.26	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Lead-212	1.86		pCi/g	0.27	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Lead-212	1.92		pCi/g	0.28	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Lead-212	1.62		pCi/g	0.26	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Lead-212	1.76		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Lead-212	1.72		pCi/g	0.31	0.24	0.24	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Lead-212	1.72		pCi/g	0.27	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Lead-212	1.77		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Lead-212	1.72		pCi/g	0.32	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Lead-212	1.78		pCi/g	0.26	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Lead-212	1.63		pCi/g	0.28	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Lead-212	1.6		pCi/g	0.28	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Lead-212	1.73		pCi/g	0.29	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Lead-212	1.73		pCi/g	0.25	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Lead-212	1.76		pCi/g	0.27	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Lead-212	1.43		pCi/g	0.25	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Lead-212	1.93		pCi/g	0.33	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Lead-212	1.61		pCi/g	0.24	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Lead-212	1.64		pCi/g	0.25	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Lead-212	1.08		pCi/g	0.21	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Lead-212	1.25		pCi/g	0.19	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Lead-212	1.22		pCi/g	0.2	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Lead-212	1.34		pCi/g	0.23	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Lead-212	1.2		pCi/g	0.23	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Lead-212	1.29		pCi/g	0.22	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Lead-212	1.08		pCi/g	0.23	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Lead-212	1.2		pCi/g	0.21	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Lead-212	1.37		pCi/g	0.23	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Lead-212	1.33		pCi/g	0.22	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Lead-212	1.9		pCi/g	0.27	0.12	0.12	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Lead-212	1.93		pCi/g	0.29	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Lead-212	1.37		pCi/g	0.24	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Lead-212	1.64		pCi/g	0.28	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Lead-212	1.82		pCi/g	0.28	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Lead-212	1.98		pCi/g	0.29	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Lead-212	1.61		pCi/g	0.28	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Lead-212	1.77		pCi/g	0.26	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Lead-212	2.11		pCi/g	0.31	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Lead-212	1.8		pCi/g	0.28	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Lead-212	1.76		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Lead-212	1.73		pCi/g	0.29	0.23	0.23	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Lead-212	1.98		pCi/g	0.32	0.25	0.25	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Lead-212	1.62		pCi/g	0.25	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Lead-212	1.24		pCi/g	0.23	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Lead-212	1.25		pCi/g	0.24	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Lead-212	1.46		pCi/g	0.25	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Lead-212	1.29		pCi/g	0.24	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Lead-212	1.4		pCi/g	0.22	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Lead-212	1.42		pCi/g	0.24	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Lead-212	1.08		pCi/g	0.23	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Lead-212	1.2		pCi/g	0.19	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Lead-212	1.74		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Lead-212	1.22		pCi/g	0.22	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Lead-212	1.21		pCi/g	0.19	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Lead-212	1.54		pCi/g	0.23	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Lead-212	1.52		pCi/g	0.25	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Lead-212	1.36		pCi/g	0.2	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Lead-212	1.74		pCi/g	0.26	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Lead-212	1.3		pCi/g	0.21	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Lead-212	1.4		pCi/g	0.22	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Lead-212	1.69		pCi/g	0.3	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Lead-212	1.45		pCi/g	0.25	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Lead-212	1.97		pCi/g	0.29	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Lead-212	1.38		pCi/g	0.23	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Lead-212	1.53		pCi/g	0.27	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Lead-212	1.89		pCi/g	0.27	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Lead-212	1.76		pCi/g	0.26	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Lead-212	1.54		pCi/g	0.26	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Lead-212	1.69		pCi/g	0.3	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Lead-212	1.27		pCi/g	0.2	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Lead-212	1.41		pCi/g	0.25	0.21	0.21	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Lead-212	1.62		pCi/g	0.28	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Lead-212	1.13		pCi/g	0.22	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Lead-212	1.72		pCi/g	0.3	0.18	0.18	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Lead-212	1.64		pCi/g	0.28	0.21	0.21	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Lead-212	1.3		pCi/g	0.23	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Lead-212	1.43		pCi/g	0.25	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Lead-212	1.58		pCi/g	0.24	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Lead-212	1.56		pCi/g	0.26	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Lead-212	1.26		pCi/g	0.23	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Lead-212	1.36		pCi/g	0.24	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Lead-212	1.49		pCi/g	0.26	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Lead-212	1.75		pCi/g	0.26	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Lead-212	1.45		pCi/g	0.22	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Lead-212	1.44		pCi/g	0.24	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Lead-212	1.65		pCi/g	0.25	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Lead-212	1.51		pCi/g	0.23	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Lead-214	0.97		pCi/g	0.23	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Lead-214	1.13		pCi/g	0.24	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Lead-214	1.25		pCi/g	0.26	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Lead-214	1.05		pCi/g	0.24	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Lead-214	1.03		pCi/g	0.24	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Lead-214	1.68		pCi/g	0.3	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Lead-214	1.19		pCi/g	0.25	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Lead-214	1.22		pCi/g	0.28	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Lead-214	1.62		pCi/g	0.3	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Lead-214	1.07		pCi/g	0.22	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Lead-214	0.89		pCi/g	0.2	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Lead-214	0.97		pCi/g	0.2	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Lead-214	0.96		pCi/g	0.21	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Lead-214	1.1		pCi/g	0.25	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Lead-214	1.01		pCi/g	0.23	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Lead-214	0.93		pCi/g	0.22	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Lead-214	1.2		pCi/g	0.29	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Lead-214	1.11		pCi/g	0.23	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Lead-214	1.11		pCi/g	0.27	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Lead-214	1.03		pCi/g	0.24	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Lead-214	0.99		pCi/g	0.24	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Lead-214	0.85		pCi/g	0.23	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Lead-214	1.05		pCi/g	0.24	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Lead-214	1.14		pCi/g	0.22	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Lead-214	1.12		pCi/g	0.22	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Lead-214	0.88		pCi/g	0.19	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Lead-214	1.62		pCi/g	0.31	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Lead-214	0.75		pCi/g	0.2	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Lead-214	0.77		pCi/g	0.17	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Lead-214	0.73		pCi/g	0.18	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Lead-214	0.77		pCi/g	0.22	0.15	0.15	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Lead-214	0.86		pCi/g	0.19	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Lead-214	0.69		pCi/g	0.16	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Lead-214	0.81		pCi/g	0.22	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Lead-214	0.82		pCi/g	0.21	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Lead-214	0.74		pCi/g	0.18	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Lead-214	0.77		pCi/g	0.21	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Lead-214	0.98		pCi/g	0.21	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Lead-214	1.08		pCi/g	0.25	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Lead-214	0.96		pCi/g	0.23	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Lead-214	0.86		pCi/g	0.21	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Lead-214	0.96		pCi/g	0.22	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Lead-214	0.87		pCi/g	0.25	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Lead-214	0.88		pCi/g	0.22	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Lead-214	0.88		pCi/g	0.22	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Lead-214	0.97		pCi/g	0.22	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Lead-214	0.79		pCi/g	0.24	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Lead-214	0.97		pCi/g	0.21	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Lead-214	0.89		pCi/g	0.22	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Lead-214	1.23		pCi/g	0.25	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Lead-214	0.83		pCi/g	0.22	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Lead-214	0.8		pCi/g	0.18	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Lead-214	1.49		pCi/g	0.29	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Lead-214	0.98		pCi/g	0.23	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Lead-214	0.8		pCi/g	0.26	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Lead-214	1		pCi/g	0.23	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Lead-214	0.84		pCi/g	0.19	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Lead-214	0.88		pCi/g	0.21	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Lead-214	0.82		pCi/g	0.21	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Lead-214	1.09		pCi/g	0.23	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Lead-214	1.31		pCi/g	0.26	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Lead-214	1.2		pCi/g	0.23	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Lead-214	1.17		pCi/g	0.24	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Lead-214	0.8		pCi/g	0.23	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Lead-214	1.16		pCi/g	0.23	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Lead-214	0.93		pCi/g	0.21	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Lead-214	1.72		pCi/g	0.3	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Lead-214	1.24		pCi/g	0.26	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Lead-214	0.93		pCi/g	0.24	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Lead-214	0.95		pCi/g	0.22	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Lead-214	0.98		pCi/g	0.23	0.2	0.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Lead-214	0.91		pCi/g	0.22	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Lead-214	1.03		pCi/g	0.23	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Lead-214	1.07		pCi/g	0.25	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Lead-214	0.86		pCi/g	0.21	0.18	0.18	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Lead-214	1		pCi/g	0.22	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Lead-214	0.91		pCi/g	0.21	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Lead-214	0.85		pCi/g	0.2	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Lead-214	0.85		pCi/g	0.24	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Lead-214	0.99		pCi/g	0.21	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Lead-214	0.93		pCi/g	0.21	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Lead-214	0.88		pCi/g	0.23	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Lead-214	1.1		pCi/g	0.24	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Lead-214	0.85		pCi/g	0.21	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Lead-214	0.72		pCi/g	0.19	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Lead-214	0.83		pCi/g	0.19	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Lead-214	0.78		pCi/g	0.2	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Lead-214	0.93		pCi/g	0.19	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Lead-214	1.54		pCi/g	0.27	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Lead-214	0.78		pCi/g	0.21	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Lead-214	0.97		pCi/g	0.2	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Lead-214	1.24		pCi/g	0.25	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Lead-214	1		pCi/g	0.22	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Lead-214	1.1		pCi/g	0.26	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Lead-214	1.48		pCi/g	0.26	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Lithium	18		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Lithium	11.5		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Lithium	14		mg/kg		5.1	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Lithium	17.5		mg/kg		5	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Lithium	12.7		mg/kg		5.1	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Lithium	13.7		mg/kg		5.1	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Lithium	18.2		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Lithium	10		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Lithium	12.1		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Lithium	12.9		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Lithium	10.8		mg/kg		5.1	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Lithium	11.9		mg/kg		5.1	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Lithium	18.9		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Lithium	11.9		mg/kg		5.1	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Lithium	11.5		mg/kg		5.1	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Lithium	17.3		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Lithium	10.6		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Lithium	11.8		mg/kg		5.1	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Lithium	14.5		mg/kg		5	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Lithium	11.5		mg/kg		5.1	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Lithium	11.8		mg/kg		5.1	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Lithium	13.4		mg/kg		5	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Lithium	12.1		mg/kg		5.3	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Lithium	16.5		mg/kg		5.2	0.2425	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Lithium	17.3		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Lithium	10.9		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Lithium	24.9		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Lithium	7.5		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Lithium	9.9		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Lithium	10.1		mg/kg		5.3	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Lithium	8.9		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Lithium	9.4		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Lithium	10		mg/kg		5.3	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Lithium	8.4		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Lithium	10.8		mg/kg		5	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Lithium	9.8		mg/kg		5.3	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Lithium	9.9		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Lithium	9.6		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Lithium	14.3		mg/kg		5.4	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Lithium	11.3		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Lithium	8.7		mg/kg		6.3	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Lithium	11.7		mg/kg		5.3	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Lithium	8.8		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Lithium	11.1		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Lithium	8.5		mg/kg		5.3	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Lithium	12.8		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Lithium	9.2		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Lithium	9.7		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Lithium	8.8		mg/kg		5.3	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Lithium	11.5		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Lithium	20.4		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Lithium	21.3		mg/kg		5.1	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Lithium	24.4		mg/kg		5.1	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Lithium	22		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Lithium	17.1		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Lithium	18.5		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Lithium	20.5		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Lithium	17.3		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Lithium	19.5		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Lithium	23.9		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Lithium	13.6		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Lithium	16.5		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Lithium	18.6		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Lithium	15.3		mg/kg		5.1	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Lithium	15.8		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Lithium	22.2		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Lithium	18.8		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Lithium	26.2		mg/kg		5.2	0.2425	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Lithium	11.8		mg/kg		5	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Lithium	10.6		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Lithium	13		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Lithium	8.7		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Lithium	11.8		mg/kg		5.3	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Lithium	14.1		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Lithium	10.2		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Lithium	11.6		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Lithium	13.4		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Lithium	12.4		mg/kg		5	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Lithium	14.4		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Lithium	16		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Lithium	10		mg/kg		5	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Lithium	15.8		mg/kg		5.2	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Lithium	13.4		mg/kg		5.1	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Lithium	13.2		mg/kg		5.1	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Lithium	15.4		mg/kg		5.3	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Lithium	14.1		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Lithium	11.9		mg/kg		5	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Lithium	13.5		mg/kg		5.3	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Lithium	26.5		mg/kg		5.3	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Lithium	10.9		mg/kg		5	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Lithium	13.2		mg/kg		5.3	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Lithium	18.3		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Lithium	10.4		mg/kg		5	0.2425	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Lithium	15.9		mg/kg		5.3	0.2425	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Lithium	22.3		mg/kg		5.2	0.2425	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Magnesium	14200	J	mg/kg		50.8	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Magnesium	5470	J	mg/kg		51.6	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Magnesium	8910	J	mg/kg		51.1	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Magnesium	12700	J	mg/kg		50.3	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Magnesium	6370	J	mg/kg		51.4	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Magnesium	5960	J	mg/kg		51.1	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Magnesium	14000	J	mg/kg		50.7	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Magnesium	5070	J	mg/kg		51.6	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Magnesium	6680	J	mg/kg		51.6	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Magnesium	7380	J	mg/kg		50.6	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Magnesium	4690	J	mg/kg		51.1	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Magnesium	5530	J	mg/kg		50.8	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Magnesium	10000	J	mg/kg		50.6	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Magnesium	5670	J	mg/kg		51.1	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Magnesium	5640	J	mg/kg		50.9	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Magnesium	10200	J	mg/kg		50.6	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Magnesium	4960		mg/kg		51.6	1.176	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Magnesium	6340		mg/kg		51	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Magnesium	12500		mg/kg		50.3	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Magnesium	7590		mg/kg		51.1	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Magnesium	6320		mg/kg		51.1	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Magnesium	9550		mg/kg		50.3	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Magnesium	6280		mg/kg		52.5	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Magnesium	10400		mg/kg		51.7	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Magnesium	9240		mg/kg		50.6	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Magnesium	5830		mg/kg		51.9	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Magnesium	16900		mg/kg		52.3	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Magnesium	17500	J	mg/kg		50.8	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Magnesium	12900	J	mg/kg		52.2	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Magnesium	12700	J	mg/kg		53.3	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Magnesium	12200	J	mg/kg		50.8	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Magnesium	11100	J	mg/kg		52.1	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Magnesium	12500	J	mg/kg		52.5	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Magnesium	13400	J	mg/kg		50.8	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Magnesium	12100		mg/kg		50.4	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Magnesium	11700	J	mg/kg		52.6	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Magnesium	11100	J	mg/kg		52.2	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Magnesium	9830	J	mg/kg		50.8	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Magnesium	11200	J	mg/kg		54	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Magnesium	9190	J	mg/kg		50.6	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Magnesium	7000	J	mg/kg		63.1	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Magnesium	8910	J	mg/kg		52.8	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Magnesium	8470	J	mg/kg		51	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Magnesium	8970	J	mg/kg		50.7	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Magnesium	7090		mg/kg		52.5	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Magnesium	9700		mg/kg		51.8	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Magnesium	9600	J	mg/kg		50.7	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Magnesium	9750		mg/kg		50.5	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Magnesium	7710		mg/kg		53.1	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Magnesium	9440		mg/kg		51.8	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Magnesium	11700	J	mg/kg		50.6	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Magnesium	13600	J	mg/kg		51.2	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Magnesium	13500	J	mg/kg		51.3	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Magnesium	14600	J	mg/kg		50.5	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Magnesium	13600	J	mg/kg		51.8	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Magnesium	12700	J	mg/kg		51.8	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Magnesium	13400	J	mg/kg		50.6	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Magnesium	12300	J	mg/kg		52	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Magnesium	13000	J	mg/kg		51.8	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Magnesium	14400	J	mg/kg		50.7	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Magnesium	9370	J	mg/kg		51.9	1.176	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Magnesium	11000	J	mg/kg		52	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Magnesium	11400	J	mg/kg		50.5	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Magnesium	8240	J	mg/kg		51.4	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Magnesium	10900	J	mg/kg		52	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Magnesium	11600	J	mg/kg		50.5	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Magnesium	10600	J	mg/kg		51.9	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Magnesium	13500	J	mg/kg		51.7	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Magnesium	10200	J	mg/kg		50.4	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Magnesium	8200	J	mg/kg		51.7	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Magnesium	11600	J	mg/kg		51.6	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Magnesium	8370	J	mg/kg		50.6	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Magnesium	10400	J	mg/kg		53.1	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Magnesium	9540	J	mg/kg		52.2	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Magnesium	8590	J	mg/kg		50.6	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Magnesium	9440	J	mg/kg		52.2	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Magnesium	11500	J	mg/kg		51.6	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Magnesium	13700	J	mg/kg		50.3	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Magnesium	11000	J	mg/kg		52	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Magnesium	12400	J	mg/kg		52.2	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Magnesium	10500	J	mg/kg		50.3	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Magnesium	11600	J	mg/kg		52.3	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Magnesium	8450	J	mg/kg		51.4	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Magnesium	10300	J	mg/kg		50.7	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Magnesium	12700	J	mg/kg		53.1	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Magnesium	11600	J	mg/kg		52.5	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Magnesium	10300	J	mg/kg		50.4	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Magnesium	9410	J	mg/kg		52.7	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Magnesium	16600	J	mg/kg		52.8	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Magnesium	8600		mg/kg		50.5	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Magnesium	9360		mg/kg		52.6	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Magnesium	13000		mg/kg		52.1	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Magnesium	8840		mg/kg		50.4	1.176	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Magnesium	11800		mg/kg		52.9	1.176	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Magnesium	14000		mg/kg		51.9	1.176	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Manganese	511		mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Manganese	183		mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Manganese	339		mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Manganese	409		mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Manganese	270		mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Manganese	157		mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Manganese	376		mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Manganese	256		mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Manganese	151		mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Manganese	263		mg/kg		1	0.0131	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Manganese	323		mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Manganese	266		mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Manganese	344		mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Manganese	353		mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Manganese	290		mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Manganese	340		mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Manganese	270	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Manganese	339	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Manganese	464	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Manganese	304	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Manganese	198	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Manganese	430	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Manganese	270	J	mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Manganese	191	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Manganese	495	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Manganese	321	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Manganese	169	J	mg/kg		1.1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Manganese	544	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Manganese	618	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Manganese	566	J	mg/kg		1.1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Manganese	550	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Manganese	488	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Manganese	641	J	mg/kg		1.1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Manganese	593	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Manganese	481	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Manganese	471	J	mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Manganese	489	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Manganese	503	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Manganese	369	J	mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Manganese	357		mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Manganese	308		mg/kg		1.3	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Manganese	400		mg/kg		1.1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Manganese	407	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Manganese	404		mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Manganese	397	J	mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Manganese	433	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Manganese	402	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Manganese	522	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Manganese	268	J	mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Manganese	398	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Manganese	387	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Manganese	553	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Manganese	351	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Manganese	534	J	mg/kg		1	0.0131	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Manganese	478	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Manganese	446	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Manganese	562	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Manganese	559	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Manganese	432	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Manganese	506		mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Manganese	291		mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Manganese	452		mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Manganese	498	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Manganese	683		mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Manganese	462		mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Manganese	469		mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Manganese	366		mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Manganese	529		mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Manganese	414	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Manganese	430	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Manganese	382	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Manganese	438	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Manganese	863	J	mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Manganese	605	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Manganese	434	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Manganese	350	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Manganese	390	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Manganese	460	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Manganese	380	J	mg/kg		1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Manganese	499	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Manganese	282	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Manganese	383	J	mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Manganese	327	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Manganese	445	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Manganese	556	J	mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Manganese	465	J	mg/kg		1.1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Manganese	747		mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Manganese	302		mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Manganese	343		mg/kg		1.1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Manganese	678	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Manganese	312	J	mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Manganese	449	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Manganese	455	J	mg/kg		1	0.0131	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Manganese	288	J	mg/kg		1.1	0.0131	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Manganese	287	J	mg/kg		1	0.0131	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Mercury	0.023	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Mercury	0.01	J	mg/kg		0.034	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Mercury	0.0092	J	mg/kg		0.034	0.0072	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Mercury	0.033	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Mercury	0.015	J	mg/kg		0.034	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Mercury	0.0072	U	mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Mercury	0.01	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Mercury	0.0072	U	mg/kg		0.034	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Mercury	0.0072	U	mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Mercury	0.027	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Mercury	0.0072	U	mg/kg		0.034	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Mercury	0.0098	J	mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Mercury	0.015	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Mercury	0.0072	U	mg/kg		0.034	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Mercury	0.012	J	mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Mercury	0.014	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Mercury	0.0086	J	mg/kg		0.034	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Mercury	0.0072	U	mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Mercury	0.0072	U	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Mercury	0.0072	U	mg/kg		0.034	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Mercury	0.0072	U	mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Mercury	0.0072	U	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Mercury	0.0072	U	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Mercury	0.0072	U	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Mercury	0.0072	U	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Mercury	0.0072	U	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Mercury	0.0072	U	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Mercury	0.023	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Mercury	0.028	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Mercury	0.11		mg/kg		0.036	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Mercury	0.032	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Mercury	0.021	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Mercury	0.028	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Mercury	0.029	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Mercury	0.034		mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Mercury	0.03	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Mercury	0.028	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Mercury	0.033	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Mercury	0.034	J	mg/kg		0.036	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Mercury	0.021	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Mercury	0.0072	U	mg/kg		0.042	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Mercury	0.011	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Mercury	0.025	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Mercury	0.016	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Mercury	0.0084	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Mercury	0.01	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Mercury	0.021	J	mg/kg		0.034	0.0072	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Mercury	0.016	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Mercury	0.01	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Mercury	0.011	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Mercury	0.019	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Mercury	0.02	J	mg/kg		0.034	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Mercury	0.018	J	mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Mercury	0.0093	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Mercury	0.023	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Mercury	0.014	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Mercury	0.012	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Mercury	0.012	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Mercury	0.011	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Mercury	0.0091	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Mercury	0.022	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Mercury	0.057		mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Mercury	0.02	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Mercury	0.0072	U	mg/kg		0.034	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Mercury	0.015	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Mercury	0.014	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Mercury	0.013	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Mercury	0.0072	U	mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Mercury	0.022	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Mercury	0.014	J	mg/kg		0.034	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Mercury	0.012	J	mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Mercury	0.038		mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Mercury	0.021	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Mercury	0.019	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Mercury	0.0098	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Mercury	0.0072	U	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Mercury	0.07		mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Mercury	0.049		mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Mercury	0.027	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Mercury	0.013	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Mercury	0.082		mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Mercury	0.019	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Mercury	0.017	J	mg/kg		0.034	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Mercury	0.034		mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Mercury	0.027	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Mercury	0.011	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Mercury	0.0072	U	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Mercury	0.0072	U	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Mercury	0.0072	U	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Mercury	0.017	J	mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Mercury	0.017	J	mg/kg		0.035	0.0072	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Mercury	0.014	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Mercury	0.034		mg/kg		0.034	0.0072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Mercury	0.012	J	mg/kg		0.035	0.0072	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Mercury	0.011	J	mg/kg		0.035	0.0072	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Molybdenum	0.9	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Molybdenum	0.4	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Molybdenum	1.9		mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Molybdenum	0.75	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Molybdenum	0.64	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Molybdenum	0.33	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Molybdenum	0.72	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Molybdenum	0.35	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Molybdenum	0.43	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Molybdenum	0.47	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Molybdenum	0.53	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Molybdenum	0.51	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Molybdenum	0.61	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Molybdenum	2		mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Molybdenum	0.6	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Molybdenum	0.59	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Molybdenum	0.51	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Molybdenum	0.61	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Molybdenum	0.77	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Molybdenum	0.76	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Molybdenum	0.55	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Molybdenum	0.72	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Molybdenum	0.62	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Molybdenum	0.78	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Molybdenum	0.7	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Molybdenum	0.58	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Molybdenum	0.51	J	mg/kg		1.1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Molybdenum	0.32	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Molybdenum	0.38	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Molybdenum	0.46	J	mg/kg		1.1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Molybdenum	0.32	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Molybdenum	0.3	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Molybdenum	0.6	J	mg/kg		1.1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Molybdenum	0.36	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Molybdenum	0.36	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Molybdenum	0.33	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Molybdenum	0.41	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Molybdenum	0.39	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Molybdenum	0.51	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Molybdenum	0.42	J	mg/kg		1	0.241	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Molybdenum	0.35	J	mg/kg		1.3	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Molybdenum	0.42	J	mg/kg		1.1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Molybdenum	0.36	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Molybdenum	0.42	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Molybdenum	0.37	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Molybdenum	0.47	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Molybdenum	0.36	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Molybdenum	0.43	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Molybdenum	0.32	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Molybdenum	0.58	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Molybdenum	0.43	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Molybdenum	0.73	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Molybdenum	0.63	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Molybdenum	0.64	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Molybdenum	0.49	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Molybdenum	0.38	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Molybdenum	0.57	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Molybdenum	0.52	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Molybdenum	0.38	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Molybdenum	0.84	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Molybdenum	0.37	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Molybdenum	0.68	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Molybdenum	0.53	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Molybdenum	0.51	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Molybdenum	0.39	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Molybdenum	0.79	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Molybdenum	0.42	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Molybdenum	0.47	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Molybdenum	0.48	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Molybdenum	0.58	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Molybdenum	0.56	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Molybdenum	0.38	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Molybdenum	1	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Molybdenum	0.54	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Molybdenum	0.43	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Molybdenum	0.48	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Molybdenum	0.52	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Molybdenum	0.45	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Molybdenum	0.45	J	mg/kg		1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Molybdenum	0.42	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Molybdenum	0.34	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Molybdenum	0.35	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Molybdenum	0.45	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Molybdenum	0.51	J	mg/kg		1	0.241	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Molybdenum	0.55	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Molybdenum	0.66	J	mg/kg		1.1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Molybdenum	0.77	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Molybdenum	0.41	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Molybdenum	0.54	J	mg/kg		1.1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Molybdenum	0.62	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Molybdenum	0.49	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Molybdenum	0.74	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Molybdenum	0.46	J	mg/kg		1	0.241	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Molybdenum	0.44	J	mg/kg		1.1	0.241	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Molybdenum	0.45	J	mg/kg		1	0.241	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Nickel	20.9		mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Nickel	9.6		mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Nickel	11.3		mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Nickel	17.5		mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Nickel	11.4		mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Nickel	7.9	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Nickel	15	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Nickel	9.2	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Nickel	8	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Nickel	11.8		mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Nickel	10.6		mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Nickel	11.7		mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Nickel	16.3		mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Nickel	14.1		mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Nickel	11.1		mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Nickel	16		mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Nickel	10	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Nickel	12.8	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Nickel	17.1	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Nickel	13.2	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Nickel	9.7	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Nickel	15	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Nickel	10.6	J	mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Nickel	10.1	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Nickel	17.6	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Nickel	11.6	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Nickel	11.5	J	mg/kg		1.1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Nickel	16.8	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Nickel	18.7	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Nickel	18	J	mg/kg		1.1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Nickel	16.8	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Nickel	15.5	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Nickel	20.3	J	mg/kg		1.1	0.1295	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Nickel	30	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Nickel	15.3	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Nickel	19	J	mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Nickel	17.2	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Nickel	18.9	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Nickel	22.2	J	mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Nickel	17.5	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Nickel	16.4	J	mg/kg		1.3	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Nickel	17.6	J	mg/kg		1.1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Nickel	17.4	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Nickel	18.8	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Nickel	16.4		mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Nickel	22.1		mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Nickel	19.8	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Nickel	17.4		mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Nickel	14.8		mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Nickel	20.6		mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Nickel	15.4	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Nickel	15.6	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Nickel	15.2	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Nickel	19.4	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Nickel	17.2	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Nickel	15.2	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Nickel	16.6	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Nickel	16.3	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Nickel	17.9	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Nickel	20.2		mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Nickel	11		mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Nickel	13		mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Nickel	16.4	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Nickel	13		mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Nickel	15.5		mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Nickel	17.1		mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Nickel	12.1		mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Nickel	14.1		mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Nickel	20.6	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Nickel	19.5	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Nickel	20.2	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Nickel	15.8	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Nickel	19.7	J	mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Nickel	16	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Nickel	18.1	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Nickel	19.5	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Nickel	19.3	J	mg/kg		1	0.1295	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Nickel	25.9	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Nickel	17.5	J	mg/kg		1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Nickel	19.1	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Nickel	27.8	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Nickel	18.1	J	mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Nickel	14.7	J	mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Nickel	18.9	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Nickel	22.7	J	mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Nickel	22.1	J	mg/kg		1.1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Nickel	17.8	J	mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Nickel	13.7	J	mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Nickel	16.6	J	mg/kg		1.1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Nickel	15.6		mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Nickel	15.5		mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Nickel	13.6		mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Nickel	13.8		mg/kg		1	0.1295	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Nickel	15.3		mg/kg		1.1	0.1295	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Nickel	13.8		mg/kg		1	0.1295	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Niobium	2	UJ-	mg/kg		10.2	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Niobium	1.2	UJ-	mg/kg		10.3	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Niobium	1.3	UJ-	mg/kg		10.2	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Niobium	1.3	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Niobium	1.5	UJ-	mg/kg		10.3	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Niobium	1.015	UJ-	mg/kg		10.2	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Niobium	1.7	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Niobium	1.015	UJ-	mg/kg		10.3	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Niobium	1.4	UJ-	mg/kg		10.3	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Niobium	1.015	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Niobium	1.4	UJ-	mg/kg		10.2	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Niobium	1.4	UJ-	mg/kg		10.2	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Niobium	1.015	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Niobium	2.8	UJ-	mg/kg		10.2	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Niobium	2	UJ-	mg/kg		10.2	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Niobium	1.015	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Niobium	1.8	UJ-	mg/kg		10.3	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Niobium	2	U	mg/kg		10.2	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Niobium	1.6	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Niobium	1.7	UJ-	mg/kg		10.2	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Niobium	1.3	UJ-	mg/kg		10.2	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Niobium	1.2	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Niobium	1.3	UJ-	mg/kg		10.5	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Niobium	1.015	UJ-	mg/kg		10.3	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Niobium	1.2	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Niobium	2.1	UJ-	mg/kg		10.4	1.015	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Niobium	1.6	UJ-	mg/kg		10.5	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Niobium	2.3	UJ-	mg/kg		10.2	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Niobium	1.6	UJ-	mg/kg		10.4	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Niobium	1.015	UJ-	mg/kg		10.7	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Niobium	1.015	UJ-	mg/kg		10.2	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Niobium	2.3	UJ-	mg/kg		10.4	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Niobium	1.6	UJ-	mg/kg		10.5	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Niobium	1.5	UJ-	mg/kg		10.2	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Niobium	2.8	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Niobium	1.1	UJ-	mg/kg		10.5	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Niobium	1.1	UJ-	mg/kg		10.4	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Niobium	1.3	UJ-	mg/kg		10.2	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Niobium	1.015	UJ-	mg/kg		10.8	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Niobium	1.6	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Niobium	1.015	UJ-	mg/kg		12.6	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Niobium	1.015	UJ-	mg/kg		10.6	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Niobium	2.3	UJ-	mg/kg		10.2	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Niobium	1.5	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Niobium	2.5	UJ-	mg/kg		10.5	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Niobium	1.7	UJ-	mg/kg		10.4	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Niobium	1.7	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Niobium	2.1	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Niobium	1.5	UJ-	mg/kg		10.6	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Niobium	1.015	UJ-	mg/kg		10.4	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Niobium	2.5	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Niobium	2.1	UJ-	mg/kg		10.2	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Niobium	1.5	UJ-	mg/kg		10.3	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Niobium	1.2	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Niobium	1.3	UJ-	mg/kg		10.4	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Niobium	1.015	UJ-	mg/kg		10.4	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Niobium	1.015	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Niobium	1.015	UJ-	mg/kg		10.4	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Niobium	1.015	UJ-	mg/kg		10.4	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Niobium	1.8	UJ-	mg/kg		10.2	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Niobium	1.3	UJ-	mg/kg		10.4	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Niobium	1.015	UJ-	mg/kg		10.4	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Niobium	1.015	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Niobium	2	UJ-	mg/kg		10.3	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Niobium	1.2	UJ-	mg/kg		10.4	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Niobium	1.015	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Niobium	1.015	UJ-	mg/kg		10.4	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Niobium	1.015	UJ-	mg/kg		10.3	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Niobium	1.2	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Niobium	2.1	UJ-	mg/kg		10.3	1.015	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Niobium	1.7	UJ-	mg/kg		10.3	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Niobium	1.2	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Niobium	1.3	UJ-	mg/kg		10.6	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Niobium	1.015	UJ-	mg/kg		10.4	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Niobium	1.2	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Niobium	1.015	UJ-	mg/kg		10.4	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Niobium	1.015	UJ-	mg/kg		10.3	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Niobium	1.8	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Niobium	1.2	UJ-	mg/kg		10.4	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Niobium	1.2	UJ-	mg/kg		10.5	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Niobium	1.4	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Niobium	1.015	UJ-	mg/kg		10.5	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Niobium	1.015	UJ-	mg/kg		10.3	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Niobium	2.5	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Niobium	1.4	UJ-	mg/kg		10.6	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Niobium	1.1	UJ-	mg/kg		10.5	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Niobium	1.3	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Niobium	1.015	UJ-	mg/kg		10.5	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Niobium	1.015	UJ-	mg/kg		10.6	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Niobium	1.3	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Niobium	1.8	UJ-	mg/kg		10.5	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Niobium	1.3	UJ-	mg/kg		10.4	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Niobium	1.015	UJ-	mg/kg		10.1	1.015	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Niobium	1.4	UJ-	mg/kg		10.6	1.015	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Niobium	1.015	UJ-	mg/kg		10.4	1.015	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Nitrate (as NO3)	0.41	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Nitrate (as NO3)	6.7	J	mg/kg		0.21	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Nitrate (as NO3)	3.8	J	mg/kg		0.2	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Nitrate (as NO3)	2.8	J	mg/kg		0.21	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Nitrate (as NO3)	0.58	J	mg/kg		0.2	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Nitrate (as NO3)	0.63	J	mg/kg		0.21	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Nitrate (as NO3)	0.87	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Nitrate (as NO3)	0.31	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Nitrate (as NO3)	102	J	mg/kg		10.2	5.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Nitrate (as NO3)	42.1	J	mg/kg		2	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Nitrate (as NO3)	0.19	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Nitrate (as NO3)	75.8	J	mg/kg		2	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Nitrate (as NO3)	34.5	J	mg/kg		2	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Nitrate (as NO3)	0.37	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Nitrate (as NO3)	14.6	J	mg/kg		2.1	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Nitrate (as NO3)	2.1	J	mg/kg		0.2	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Nitrate (as NO3)	0.25	J	mg/kg		0.2	0.1	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Nitrate (as NO3)	26.1	J	mg/kg		2	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Nitrate (as NO3)	14.9	J	mg/kg		10.2	5.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Nitrate (as NO3)	0.66	J	mg/kg		0.21	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Nitrate (as NO3)	2.9	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Nitrate (as NO3)	86.2	J	mg/kg		10.4	5.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Nitrate (as NO3)	28.1	J	mg/kg		10.5	5.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Nitrate (as NO3)	0.22	J	mg/kg		0.21	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Nitrate (as NO3)	3.4	J	mg/kg		0.21	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Nitrate (as NO3)	0.35	J	mg/kg		0.21	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Nitrate (as NO3)	0.62	J	mg/kg		0.21	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Nitrate (as NO3)	0.71	J	mg/kg		0.21	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Nitrate (as NO3)	1	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Nitrate (as NO3)	3.3	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Nitrate (as NO3)	0.93	J	mg/kg		0.22	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Nitrate (as NO3)	0.87	J	mg/kg		0.25	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Nitrate (as NO3)	0.9	J	mg/kg		0.21	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Nitrate (as NO3)	1.3	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Nitrate (as NO3)	0.51	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Nitrate (as NO3)	0.65	J	mg/kg		0.21	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Nitrate (as NO3)	1.5	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Nitrate (as NO3)	2.6	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Nitrate (as NO3)	0.25	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Nitrate (as NO3)	0.96	J	mg/kg		0.21	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Nitrate (as NO3)	1	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Nitrate (as NO3)	9		mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Nitrate (as NO3)	13.4		mg/kg		2	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Nitrate (as NO3)	2.3		mg/kg		2.1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Nitrate (as NO3)	0.1	U	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Nitrate (as NO3)	6.6		mg/kg		4.1	2.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Nitrate (as NO3)	0.85		mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Nitrate (as NO3)	0.14	B	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Nitrate (as NO3)	0.49		mg/kg		0.21	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Nitrate (as NO3)	0.13	B	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Nitrate (as NO3)	53.4	J	mg/kg		2	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Nitrate (as NO3)	34	J	mg/kg		10.4	5.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Nitrate (as NO3)	6.2	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Nitrate (as NO3)	0.28		mg/kg		0.2	0.1	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Nitrate (as NO3)	0.14	B	mg/kg		0.21	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Nitrate (as NO3)	0.99		mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Nitrate (as NO3)	0.47	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Nitrate (as NO3)	4.7	J	mg/kg		0.21	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Nitrate (as NO3)	1.5	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Nitrate (as NO3)	1.5		mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Nitrate (as NO3)	0.21		mg/kg		0.21	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Nitrate (as NO3)	6		mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Nitrate (as NO3)	0.28		mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Nitrate (as NO3)	2.3		mg/kg		0.21	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Nitrate (as NO3)	2.9		mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Nitrate (as NO3)	0.26		mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Nitrate (as NO3)	0.69		mg/kg		0.21	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Nitrate (as NO3)	1.4		mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Nitrate (as NO3)	9.3	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Nitrate (as NO3)	58.6	J	mg/kg		2.1	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Nitrate (as NO3)	20.8	J	mg/kg		2.1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Nitrate (as NO3)	54.9	J	mg/kg		2.1	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Nitrate (as NO3)	10.4	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Nitrate (as NO3)	0.1	UJ	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Nitrate (as NO3)	1.8	J	mg/kg		0.21	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Nitrate (as NO3)	3.2	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Nitrate (as NO3)	0.18	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Nitrate (as NO3)	1.6	J	mg/kg		0.21	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Nitrate (as NO3)	0.67	J	mg/kg		0.21	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Nitrate (as NO3)	0.45	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Nitrate (as NO3)	0.69	J	mg/kg		0.21	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Nitrate (as NO3)	0.49	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Nitrate (as NO3)	0.57	J	mg/kg		0.2	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Nitrate (as NO3)	2.4	J	mg/kg		0.21	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Nitrate (as NO3)	0.64	J	mg/kg		0.21	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Nitrite	0.16	J	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Nitrite	0.061	UJ	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Nitrite	0.061	UJ	mg/kg		0.2	0.061	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Nitrite	0.061	UJ	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Nitrite	0.061	UJ	mg/kg		0.2	0.062	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Nitrite	0.061	UJ	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Nitrite	0.061	UJ	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Nitrite	0.061	UJ	mg/kg		0.2	0.062	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Nitrite	0.061	UJ	mg/kg		0.2	0.062	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Nitrite	0.061	UJ	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Nitrite	0.061	UJ	mg/kg		0.2	0.062	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Nitrite	0.15	J	mg/kg		0.2	0.061	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Nitrite	0.21	J	mg/kg		0.2	0.061	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Nitrite	0.061	UJ	mg/kg		0.21	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Nitrite	0.061	UJ	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Nitrite	0.061	UJ	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Nitrite	0.061	UJ	mg/kg		0.21	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Nitrite	0.061	UJ	mg/kg		0.21	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Nitrite	0.061	UJ	mg/kg		0.21	0.065	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Nitrite	0.061	UJ	mg/kg		0.21	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Nitrite	0.061	UJ	mg/kg		0.21	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Nitrite	0.061	UJ	mg/kg		0.2	0.061	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Nitrite	0.061	UJ	mg/kg		0.21	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Nitrite	0.061	UJ	mg/kg		0.21	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Nitrite	0.061	UJ	mg/kg		0.22	0.066	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Nitrite	0.061	UJ	mg/kg		0.25	0.077	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Nitrite	0.061	UJ	mg/kg		0.21	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Nitrite	0.061	UJ	mg/kg		0.21	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Nitrite	0.061	UJ	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Nitrite	0.061	UJ	mg/kg		0.21	0.065	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Nitrite	0.061	UJ	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Nitrite	0.061	U	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Nitrite	0.061	U	mg/kg		2	0.62	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Nitrite	0.061	U	mg/kg		2.1	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Nitrite	0.061	U	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Nitrite	0.061	U	mg/kg		4.1	1.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Nitrite	0.061	U	mg/kg		0.21	0.063	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Nitrite	0.061	U	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Nitrite	0.061	U	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Nitrite	0.061	U	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Nitrite	0.061	UJ	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Nitrite	0.061	UJ	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Nitrite	0.061	U	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Nitrite	0.061	U	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Nitrite	0.061	U	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Nitrite	0.061	UJ	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Nitrite	0.061	UJ	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Nitrite	0.061	U	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Nitrite	0.061	U	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Nitrite	0.061	U	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Nitrite	0.075	B	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Nitrite	0.061	U	mg/kg		0.21	0.065	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Nitrite	0.061	U	mg/kg		0.21	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Nitrite	0.061	U	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Nitrite	0.061	U	mg/kg		0.21	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Nitrite	0.061	U	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Nitrite	0.15	J	mg/kg		0.2	0.061	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Nitrite	0.061	UJ	mg/kg		0.21	0.063	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Nitrite	0.061	UJ	mg/kg		0.21	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Nitrite	0.061	UJ	mg/kg		0.2	0.061	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Nitrite	0.061	UJ	mg/kg		0.21	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Nitrite	0.061	UJ	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Nitrite	0.061	UJ	mg/kg		0.21	0.065	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Nitrite	0.061	UJ	mg/kg		0.21	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Nitrite	0.061	UJ	mg/kg		0.21	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Nitrite	0.061	UJ	mg/kg		0.21	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Nitrite	0.061	UJ	mg/kg		0.2	0.062	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Nitrite	0.061	UJ	mg/kg		0.21	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Nitrite	0.061	UJ	mg/kg		0.21	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Nitrite	0.061	UJ	mg/kg		0.2	0.061	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Nitrite	0.061	UJ	mg/kg		0.21	0.065	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Nitrite	0.061	UJ	mg/kg		0.21	0.063	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Palladium	0.31		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Palladium	0.42		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Palladium	0.8		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Palladium	0.23		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Palladium	0.55		mg/kg		0.1	0.0765	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Palladium	0.7		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Palladium	0.32		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Palladium	0.51		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Palladium	0.84		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Palladium	0.23		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Palladium	0.37		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Palladium	0.4		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Palladium	0.41		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Palladium	0.43		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Palladium	0.52		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Palladium	0.37		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Palladium	0.35		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Palladium	0.53		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Palladium	0.3		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Palladium	0.58		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Palladium	0.51		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Palladium	0.29		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Palladium	0.46		mg/kg		0.11	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Palladium	0.99		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Palladium	0.27		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Palladium	0.45		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Palladium	1.2		mg/kg		0.11	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Palladium	0.57		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Palladium	0.81		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Palladium	0.55		mg/kg		0.11	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Palladium	0.73		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Palladium	0.46		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Palladium	0.71		mg/kg		0.11	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Palladium	1.5		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Palladium	0.37		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Palladium	0.42		mg/kg		0.11	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Palladium	0.59		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Palladium	0.27		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Palladium	0.3		mg/kg		0.11	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Palladium	0.26		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Palladium	0.19		mg/kg		0.13	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Palladium	0.25		mg/kg		0.11	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Palladium	0.28		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Palladium	0.24		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Palladium	0.16		mg/kg		0.11	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Palladium	0.26		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Palladium	0.36		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Palladium	0.24		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Palladium	0.17		mg/kg		0.11	0.0765	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Palladium	0.25		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Palladium	0.36		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Palladium	0.72		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Palladium	0.77		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Palladium	0.38		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Palladium	0.84		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Palladium	0.88		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Palladium	0.48		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Palladium	0.68		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Palladium	0.88		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Palladium	0.42		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Palladium	0.47		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Palladium	0.58		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Palladium	0.25		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Palladium	0.32		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Palladium	0.86		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Palladium	0.24		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Palladium	0.5		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Palladium	0.91		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Palladium	0.26		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Palladium	0.3		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Palladium	0.5		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Palladium	0.21		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Palladium	0.34		mg/kg		0.11	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Palladium	0.35		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Palladium	0.27		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Palladium	0.34		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Palladium	0.39		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Palladium	0.45		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Palladium	0.55		mg/kg		0.1	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Palladium	0.33		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Palladium	0.3		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Palladium	0.62		mg/kg		0.11	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Palladium	0.29		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Palladium	0.45		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Palladium	0.5		mg/kg		0.11	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Palladium	0.49		mg/kg		0.11	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Palladium	0.34		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Palladium	0.52		mg/kg		0.11	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Palladium	1		mg/kg		0.11	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Palladium	0.29		mg/kg		0.1	0.0765	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Palladium	0.4		mg/kg		0.11	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Palladium	0.84		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Palladium	0.27		mg/kg		0.1	0.0765	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Palladium	0.44		mg/kg		0.11	0.0765	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Palladium	0.75		mg/kg		0.1	0.0765	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Phosphorus (total)	1440		mg/kg		50.8	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Phosphorus (total)	938		mg/kg		51.6	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Phosphorus (total)	1120		mg/kg		51.1	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Phosphorus (total)	1250		mg/kg		50.3	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Phosphorus (total)	1020		mg/kg		51.4	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Phosphorus (total)	1030		mg/kg		51.1	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Phosphorus (total)	1280		mg/kg		50.7	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Phosphorus (total)	1330		mg/kg		51.6	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Phosphorus (total)	970		mg/kg		51.6	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Phosphorus (total)	1300		mg/kg		50.6	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Phosphorus (total)	1200		mg/kg		51.1	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Phosphorus (total)	1530		mg/kg		50.8	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Phosphorus (total)	1510		mg/kg		50.6	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Phosphorus (total)	1600		mg/kg		51.1	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Phosphorus (total)	1370		mg/kg		50.9	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Phosphorus (total)	1520		mg/kg		50.6	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Phosphorus (total)	1480		mg/kg		51.6	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Phosphorus (total)	1440		mg/kg		51	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Phosphorus (total)	1240		mg/kg		50.3	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Phosphorus (total)	1160		mg/kg		51.1	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Phosphorus (total)	1260		mg/kg		51.1	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Phosphorus (total)	1460		mg/kg		50.3	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Phosphorus (total)	1110		mg/kg		52.5	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Phosphorus (total)	1050		mg/kg		51.7	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Phosphorus (total)	1300		mg/kg		50.6	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Phosphorus (total)	1540		mg/kg		51.9	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Phosphorus (total)	862		mg/kg		52.3	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Phosphorus (total)	1810		mg/kg		50.8	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Phosphorus (total)	1900		mg/kg		52.2	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Phosphorus (total)	1800		mg/kg		53.3	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Phosphorus (total)	1990		mg/kg		50.8	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Phosphorus (total)	2010		mg/kg		52.1	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Phosphorus (total)	1960		mg/kg		52.5	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Phosphorus (total)	1890		mg/kg		50.8	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Phosphorus (total)	1730		mg/kg		50.4	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Phosphorus (total)	1870		mg/kg		52.6	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Phosphorus (total)	1800		mg/kg		52.2	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Phosphorus (total)	1620		mg/kg		50.8	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Phosphorus (total)	1810		mg/kg		54	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Phosphorus (total)	1580		mg/kg		50.6	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Phosphorus (total)	1820		mg/kg		63.1	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Phosphorus (total)	1690		mg/kg		52.8	1.913	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Phosphorus (total)	1590		mg/kg		51	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Phosphorus (total)	1590		mg/kg		50.7	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Phosphorus (total)	1730		mg/kg		52.5	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Phosphorus (total)	1520		mg/kg		51.8	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Phosphorus (total)	1630		mg/kg		50.7	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Phosphorus (total)	1710		mg/kg		50.5	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Phosphorus (total)	1670		mg/kg		53.1	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Phosphorus (total)	1650		mg/kg		51.8	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Phosphorus (total)	1410		mg/kg		50.6	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Phosphorus (total)	1590		mg/kg		51.2	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Phosphorus (total)	1440		mg/kg		51.3	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Phosphorus (total)	1460		mg/kg		50.5	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Phosphorus (total)	1550		mg/kg		51.8	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Phosphorus (total)	1450		mg/kg		51.8	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Phosphorus (total)	1550		mg/kg		50.6	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Phosphorus (total)	1490		mg/kg		52	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Phosphorus (total)	1640		mg/kg		51.8	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Phosphorus (total)	1340		mg/kg		50.7	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Phosphorus (total)	1020		mg/kg		51.9	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Phosphorus (total)	1150		mg/kg		52	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Phosphorus (total)	1340		mg/kg		50.5	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Phosphorus (total)	1500		mg/kg		51.4	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Phosphorus (total)	1370		mg/kg		52	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Phosphorus (total)	1280		mg/kg		50.5	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Phosphorus (total)	1300		mg/kg		51.9	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Phosphorus (total)	1320		mg/kg		51.7	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Phosphorus (total)	1830		mg/kg		50.4	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Phosphorus (total)	1820		mg/kg		51.7	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Phosphorus (total)	1640		mg/kg		51.6	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Phosphorus (total)	1720		mg/kg		50.6	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Phosphorus (total)	1780		mg/kg		53.1	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Phosphorus (total)	1880		mg/kg		52.2	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Phosphorus (total)	1830		mg/kg		50.6	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Phosphorus (total)	1810		mg/kg		52.2	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Phosphorus (total)	1660		mg/kg		51.6	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Phosphorus (total)	1760		mg/kg		50.3	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Phosphorus (total)	1230		mg/kg		52	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Phosphorus (total)	1420		mg/kg		52.2	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Phosphorus (total)	1220		mg/kg		50.3	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Phosphorus (total)	1060		mg/kg		52.3	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Phosphorus (total)	1240		mg/kg		51.4	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Phosphorus (total)	1540	J	mg/kg		50.7	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Phosphorus (total)	1460	J	mg/kg		53.1	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Phosphorus (total)	1880	J	mg/kg		52.5	1.913	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Phosphorus (total)	1530		mg/kg		50.4	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Phosphorus (total)	1200		mg/kg		52.7	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Phosphorus (total)	1070		mg/kg		52.8	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Phosphorus (total)	1610		mg/kg		50.5	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Phosphorus (total)	1170		mg/kg		52.6	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Phosphorus (total)	1030		mg/kg		52.1	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Phosphorus (total)	1470		mg/kg		50.4	1.913	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Phosphorus (total)	1190		mg/kg		52.9	1.913	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Phosphorus (total)	1090		mg/kg		51.9	1.913	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Platinum	0.0435	U	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Platinum	0.0435	U	mg/kg		0.11	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Platinum	0.0435	U	mg/kg		0.11	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Platinum	0.0435	U	mg/kg		0.11	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Platinum	0.0435	U	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Platinum	0.0435	U	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Platinum	0.0435	U	mg/kg		0.13	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Platinum	0.064	J	mg/kg		0.11	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Platinum	0.0435	U	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Platinum	0.0435	U	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Platinum	0.045	J	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Platinum	0.064	J	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Platinum	0.0435	U	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Platinum	0.0435	U	mg/kg		0.1	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Platinum	0.0435	U	mg/kg		0.1	0.0435	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Platinum	0.082	J	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Platinum	0.099	J	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Platinum	0.0435	U	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Platinum	0.0435	U	mg/kg		0.11	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Platinum	0.0435	U	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Platinum	0.0435	U	mg/kg		0.11	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Platinum	0.0435	U	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Platinum	0.0435	U	mg/kg		0.1	0.0435	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Platinum	0.0435	U	mg/kg		0.11	0.0435	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Platinum	0.0435	U	mg/kg		0.1	0.0435	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Polonium-210	0.8	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Polonium-210	1.04	U	pCi/g	0.99	1.9	1.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Polonium-210	0.7	U	pCi/g	1.4	2.6	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Polonium-210	1.6	U	pCi/g	1.4	2.6	2.6	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Polonium-210	1.2	U	pCi/g	1.3	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Polonium-210	0.5	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Polonium-210	0.9	U	pCi/g	1.4	2.5	2.5	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Polonium-210	1.6	U	pCi/g	1.4	2.7	2.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Polonium-210	0.7	U	pCi/g	1.4	2.5	2.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Polonium-210	1.9	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Polonium-210	0.3	U	pCi/g	1.3	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Polonium-210	1	U	pCi/g	1.1	1.7	1.7	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Polonium-210	1	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Polonium-210	1.4	U	pCi/g	1.3	2.4	2.4	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Polonium-210	0.6	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Polonium-210	-0.05	U	pCi/g	1.2	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Polonium-210	0.5	U	pCi/g	1.3	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Polonium-210	0.009	U	pCi/g	1.1	2	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Polonium-210	1.5	U	pCi/g	1.3	2.6	2.6	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Polonium-210	0.5	U	pCi/g	1.4	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Polonium-210	1.6	U	pCi/g	1.3	2.6	2.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Polonium-210	0.5	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Polonium-210	-0.3	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Polonium-210	0.3	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Polonium-210	2	U	pCi/g	1.4	2.8	2.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Polonium-210	0.1	U	pCi/g	1.1	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Polonium-210	1.1	U	pCi/g	1.3	2.3	2.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Polonium-210	0.8	U	pCi/g	1.2	2.3	2.3	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Polonium-210	-0.2	U	pCi/g	1	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Polonium-210	2.2		pCi/g	1.6	1.5	1.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Polonium-210	0.3	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Polonium-210	0.2	U	pCi/g	1.1	1.9	1.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Polonium-210	0.81	U	pCi/g	0.91	1.8	1.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Polonium-210	0.2	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Polonium-210	0.06	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Polonium-210	-0.3	U	pCi/g	0.94	1.7	1.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Polonium-210	-0.1	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Polonium-210	-0.3	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Polonium-210	0.8	U	pCi/g	1.4	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Polonium-210	1.7	U	pCi/g	1.1	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Polonium-210	1.7	U	pCi/g	1.2	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Polonium-210	0.09	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Polonium-210	0.4	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Polonium-210	0.4	U	pCi/g	1.1	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Polonium-210	0.36	U	pCi/g	0.98	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Polonium-210	0.3	U	pCi/g	1.4	2.5	2.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Polonium-210	0.7	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Polonium-210	0.7	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Polonium-210	-0.5	U	pCi/g	1.3	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Polonium-210	0.3	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Polonium-210	0.5	U	pCi/g	1.3	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Polonium-210	0.18	U	pCi/g	0.99	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Polonium-210	0.1	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Polonium-210	1.1	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Polonium-210	-0.1	U	pCi/g	1.2	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Polonium-210	0.2	U	pCi/g	1.1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Polonium-210	1.19	U	pCi/g	0.98	1.9	1.9	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Polonium-210	0.3	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Polonium-210	0.6	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Polonium-210	0.6	U	pCi/g	1.1	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Polonium-210	0.6	U	pCi/g	1.2	2.3	2.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Polonium-210	0.8	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Polonium-210	0.8	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Polonium-210	0.6	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Polonium-210	1.1	U	pCi/g	1.1	2	2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Polonium-210	1.5	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Polonium-210	0.2	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Polonium-210	0.8	U	pCi/g	1	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Polonium-210	0.4	U	pCi/g	1.3	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Polonium-210	0.2	U	pCi/g	1.1	1.9	1.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Polonium-210	0.4	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Polonium-210	0.63	U	pCi/g	0.97	1.8	1.8	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Polonium-210	0.8	U	pCi/g	1.3	2.5	2.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Polonium-210	0.7	U	pCi/g	1.2	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Polonium-210	-0.002	U	pCi/g	1.2	2.1	2.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Polonium-210	0.2	U	pCi/g	1	1.9	1.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Polonium-210	1.2	U	pCi/g	1.2	2.4	2.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Polonium-210	0.8	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Polonium-210	-0.3	U	pCi/g	1.1	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Polonium-210	0.91	U	pCi/g	0.95	1.8	1.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Polonium-210	0.6	U	pCi/g	1.1	2	2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Polonium-210	0.2	U	pCi/g	1.4	2.6	2.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Polonium-210	0.9	U	pCi/g	1.2	2.2	2.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Polonium-210	0.5	U	pCi/g	1.2	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Polonium-210	-0.1	U	pCi/g	1.2	2.1	2.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Polonium-210	1.3	U	pCi/g	0.98	1.9	1.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Polonium-210	1.1	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Polonium-210	0.33	U	pCi/g	0.97	1.8	1.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Polonium-210	0.7	U	pCi/g	1.2	2.2	2.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Polonium-210	0.6	U	pCi/g	1.3	2.3	2.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Polonium-210	-0.2	U	pCi/g	1.1	2	2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Polonium-210	0.7	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Polonium-210	0.6	U	pCi/g	1.2	2.2	2.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Polonium-210	0.5	U	pCi/g	1.2	2.2	2.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Polonium-210	1.7	U	pCi/g	1.1	2.1	2.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Polonium-212	0.39	U	pCi/g	0.41	0.55	0.55	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Polonium-212	0.56		pCi/g	0.37	0.51	0.51	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Polonium-212	0.47	U	pCi/g	0.37	0.55	0.55	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Polonium-212	0.67	U	pCi/g	0.35	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Polonium-212	0.53	U	pCi/g	0.35	0.71	0.71	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Polonium-212	0.78		pCi/g	0.36	0.52	0.52	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Polonium-212	0.52		pCi/g	0.41	0.49	0.49	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Polonium-212	1.02		pCi/g	0.45	0.51	0.51	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Polonium-212	0.78	U	pCi/g	0.38	0.79	0.79	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Polonium-212	1.16		pCi/g	0.43	0.52	0.52	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Polonium-212	1.09		pCi/g	0.41	0.45	0.45	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Polonium-212	0.87		pCi/g	0.4	0.48	0.48	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Polonium-212	0.76		pCi/g	0.48	0.5	0.5	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Polonium-212	0.63		pCi/g	0.5	0.63	0.63	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Polonium-212	0.98		pCi/g	0.46	0.52	0.52	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Polonium-212	1.04		pCi/g	0.43	0.47	0.47	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Polonium-212	0.68		pCi/g	0.47	0.5	0.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Polonium-212	0.93		pCi/g	0.36	0.39	0.39	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Polonium-212	0.86		pCi/g	0.48	0.53	0.53	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Polonium-212	1.17		pCi/g	0.49	0.53	0.53	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Polonium-212	1.08		pCi/g	0.43	0.47	0.47	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Polonium-212	1.06		pCi/g	0.42	0.53	0.53	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Polonium-212	0.9		pCi/g	0.38	0.79	0.79	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Polonium-212	0.48	U	pCi/g	0.28	0.58	0.58	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Polonium-212	0.39	U	pCi/g	0.35	0.71	0.71	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Polonium-212	0.51		pCi/g	0.3	0.48	0.48	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Polonium-212	1.02		pCi/g	0.37	0.47	0.47	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Polonium-212	0.29	U	pCi/g	0.35	0.69	0.69	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Polonium-212	0.46		pCi/g	0.36	0.41	0.41	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Polonium-212	0.48	U	pCi/g	0.33	0.66	0.66	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Polonium-212	0.75		pCi/g	0.33	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Polonium-212	0.85		pCi/g	0.37	0.45	0.45	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Polonium-212	0.41	U	pCi/g	0.3	0.6	0.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Polonium-212	0.44	U	pCi/g	0.3	0.63	0.63	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Polonium-212	0.19	U	pCi/g	0.3	0.57	0.57	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Polonium-212	0.34	U	pCi/g	0.34	0.35	0.35	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Polonium-212	0.63		pCi/g	0.38	0.45	0.45	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Polonium-212	0.57		pCi/g	0.37	0.4	0.4	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Polonium-212	0.78		pCi/g	0.49	0.53	0.53	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Polonium-212	0.99		pCi/g	0.39	0.42	0.42	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Polonium-212	0.54	U	pCi/g	0.35	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Polonium-212	0.93		pCi/g	0.41	0.48	0.48	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Polonium-212	0.69		pCi/g	0.34	0.51	0.51	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Polonium-212	0.68	U	pCi/g	0.36	0.75	0.75	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Polonium-212	0.88		pCi/g	0.36	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Polonium-212	0.71		pCi/g	0.47	0.47	0.47	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Polonium-212	0.93		pCi/g	0.4	0.85	0.85	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Polonium-212	0.53		pCi/g	0.37	0.5	0.5	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Polonium-212	0.59		pCi/g	0.45	0.57	0.57	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Polonium-212	0.91		pCi/g	0.46	0.61	0.61	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Polonium-212	0.45	U	pCi/g	0.4	0.47	0.47	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Polonium-212	0.89		pCi/g	0.37	0.42	0.42	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Polonium-212	0.61	U	pCi/g	0.33	0.7	0.7	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Polonium-212	0.63		pCi/g	0.45	0.55	0.55	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Polonium-212	0.55	U	pCi/g	0.34	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Polonium-212	0.39	U	pCi/g	0.3	0.61	0.61	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Polonium-212	0.7		pCi/g	0.29	0.44	0.44	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Polonium-212	0.35	U	pCi/g	0.36	0.52	0.52	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Polonium-212	0.7		pCi/g	0.37	0.51	0.51	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Polonium-212	0.73	U	pCi/g	0.36	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Polonium-212	0.78	U	pCi/g	0.37	0.79	0.79	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Polonium-212	0.72		pCi/g	0.32	0.65	0.65	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Polonium-212	0.55		pCi/g	0.44	0.47	0.47	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Polonium-212	0.52		pCi/g	0.29	0.46	0.46	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Polonium-212	0.37	U	pCi/g	0.38	0.42	0.42	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Polonium-212	0.58	U	pCi/g	0.34	0.67	0.67	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Polonium-212	0.58	U	pCi/g	0.34	0.69	0.69	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Polonium-212	0.82		pCi/g	0.3	0.65	0.65	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Polonium-212	0.67		pCi/g	0.47	0.51	0.51	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Polonium-212	0.64		pCi/g	0.39	0.43	0.43	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Polonium-212	0.91		pCi/g	0.53	0.51	0.51	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Polonium-212	0.38	U	pCi/g	0.29	0.44	0.44	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Polonium-212	0.58		pCi/g	0.46	0.54	0.54	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Polonium-212	0.68		pCi/g	0.38	0.53	0.53	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Polonium-212	0.59	U	pCi/g	0.34	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Polonium-212	0.67		pCi/g	0.43	0.49	0.49	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Polonium-212	0.63		pCi/g	0.36	0.45	0.45	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Polonium-212	0.5		pCi/g	0.35	0.5	0.5	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Polonium-212	0.34	U	pCi/g	0.3	0.61	0.61	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Polonium-212	0.54		pCi/g	0.38	0.42	0.42	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Polonium-212	0.53		pCi/g	0.36	0.39	0.39	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Polonium-212	0.85		pCi/g	0.38	0.84	0.84	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Polonium-212	0.85		pCi/g	0.43	0.56	0.56	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Polonium-212	0.58		pCi/g	0.39	0.51	0.51	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Polonium-212	0.75		pCi/g	0.34	0.73	0.73	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Polonium-212	0.89		pCi/g	0.44	0.42	0.42	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Polonium-212	0.36	U	pCi/g	0.42	0.48	0.48	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Polonium-212	0.5	U	pCi/g	0.3	0.62	0.62	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Polonium-212	0.42	U	pCi/g	0.35	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Polonium-212	0.54		pCi/g	0.39	0.5	0.5	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Polonium-212	0.56	U	pCi/g	0.35	0.69	0.69	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Polonium-212	0.39	U	pCi/g	0.38	0.44	0.44	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Polonium-212	0.58		pCi/g	0.42	0.47	0.47	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Polonium-212	0.4	U	pCi/g	0.34	0.68	0.68	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Polonium-212	0.53		pCi/g	0.35	0.45	0.45	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Polonium-214	0.9		pCi/g	0.26	0.21	0.21	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Polonium-214	1.22		pCi/g	0.24	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Polonium-214	1.03		pCi/g	0.26	0.19	0.19	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Polonium-214	1.21		pCi/g	0.26	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Polonium-214	1.14		pCi/g	0.26	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Polonium-214	1.32		pCi/g	0.29	0.19	0.19	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Polonium-214	1.2		pCi/g	0.25	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Polonium-214	1.2		pCi/g	0.27	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Polonium-214	1.49		pCi/g	0.3	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Polonium-214	1.16		pCi/g	0.25	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Polonium-214	1.08		pCi/g	0.24	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Polonium-214	0.95		pCi/g	0.22	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Polonium-214	1.12		pCi/g	0.29	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Polonium-214	1.21		pCi/g	0.26	0.18	0.18	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Polonium-214	0.82		pCi/g	0.21	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Polonium-214	1.01		pCi/g	0.25	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Polonium-214	1.08		pCi/g	0.25	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Polonium-214	0.97		pCi/g	0.25	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Polonium-214	1.26		pCi/g	0.31	0.21	0.21	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Polonium-214	1.06		pCi/g	0.24	0.21	0.21	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Polonium-214	1.04		pCi/g	0.26	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Polonium-214	0.93		pCi/g	0.24	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Polonium-214	0.97		pCi/g	0.28	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Polonium-214	1.09		pCi/g	0.24	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Polonium-214	0.93		pCi/g	0.27	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Polonium-214	0.9		pCi/g	0.22	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Polonium-214	1.24		pCi/g	0.28	0.2	0.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Polonium-214	0.89		pCi/g	0.23	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Polonium-214	0.7		pCi/g	0.2	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Polonium-214	0.79		pCi/g	0.21	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Polonium-214	0.6		pCi/g	0.21	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Polonium-214	0.64		pCi/g	0.19	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Polonium-214	0.67		pCi/g	0.19	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Polonium-214	0.69		pCi/g	0.21	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Polonium-214	0.74		pCi/g	0.21	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Polonium-214	0.66		pCi/g	0.18	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Polonium-214	0.64		pCi/g	0.2	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Polonium-214	0.91		pCi/g	0.22	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Polonium-214	0.92		pCi/g	0.25	0.22	0.22	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Polonium-214	0.79		pCi/g	0.23	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Polonium-214	0.84		pCi/g	0.2	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Polonium-214	1.09		pCi/g	0.23	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Polonium-214	0.92		pCi/g	0.22	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Polonium-214	0.81		pCi/g	0.25	0.2	0.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Polonium-214	0.88		pCi/g	0.21	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Polonium-214	1.07		pCi/g	0.27	0.22	0.22	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Polonium-214	0.73		pCi/g	0.21	0.2	0.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Polonium-214	0.85		pCi/g	0.24	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Polonium-214	0.95		pCi/g	0.25	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Polonium-214	1.16		pCi/g	0.27	0.21	0.21	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Polonium-214	1.21		pCi/g	0.27	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Polonium-214	0.73		pCi/g	0.23	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Polonium-214	1.18		pCi/g	0.24	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Polonium-214	0.87		pCi/g	0.25	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Polonium-214	0.96		pCi/g	0.23	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Polonium-214	0.9		pCi/g	0.24	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Polonium-214	0.63		pCi/g	0.2	0.2	0.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Polonium-214	0.74		pCi/g	0.25	0.18	0.18	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Polonium-214	1.19		pCi/g	0.25	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Polonium-214	1.16		pCi/g	0.25	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Polonium-214	1.25		pCi/g	0.29	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Polonium-214	1.19		pCi/g	0.27	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Polonium-214	0.92		pCi/g	0.23	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Polonium-214	1.02		pCi/g	0.25	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Polonium-214	0.96		pCi/g	0.22	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Polonium-214	0.92		pCi/g	0.23	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Polonium-214	1.48		pCi/g	0.28	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Polonium-214	1.14		pCi/g	0.25	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Polonium-214	0.96		pCi/g	0.24	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Polonium-214	0.94		pCi/g	0.22	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Polonium-214	0.81		pCi/g	0.22	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Polonium-214	0.8		pCi/g	0.2	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Polonium-214	1.14		pCi/g	0.27	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Polonium-214	0.98		pCi/g	0.26	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Polonium-214	0.9		pCi/g	0.21	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Polonium-214	0.8		pCi/g	0.22	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Polonium-214	0.89		pCi/g	0.25	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Polonium-214	0.87		pCi/g	0.25	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Polonium-214	0.91		pCi/g	0.21	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Polonium-214	1.02		pCi/g	0.24	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Polonium-214	0.95		pCi/g	0.21	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Polonium-214	1.05		pCi/g	0.27	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Polonium-214	1		pCi/g	0.26	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Polonium-214	0.73		pCi/g	0.21	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Polonium-214	0.82		pCi/g	0.25	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Polonium-214	0.83		pCi/g	0.2	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Polonium-214	0.94		pCi/g	0.25	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Polonium-214	0.88		pCi/g	0.2	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Polonium-214	1.46		pCi/g	0.27	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Polonium-214	0.92		pCi/g	0.23	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Polonium-214	1.05		pCi/g	0.24	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Polonium-214	1.44		pCi/g	0.28	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Polonium-214	0.83		pCi/g	0.23	0.21	0.21	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Polonium-214	1.06		pCi/g	0.25	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Polonium-214	1.62		pCi/g	0.3	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Polonium-215	-0.19	U	pCi/g	0.46	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Polonium-215	-0.29	U	pCi/g	0.43	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Polonium-215	-0.41	U	pCi/g	0.45	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Polonium-215	0.1	U	pCi/g	0.48	0.85	0.85	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Polonium-215	-0.003	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Polonium-215	-0.36	U	pCi/g	0.46	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Polonium-215	-0.02	U	pCi/g	0.48	0.84	0.84	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Polonium-215	-0.17	U	pCi/g	0.51	0.87	0.87	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Polonium-215	0.24	U	pCi/g	0.52	0.93	0.93	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Polonium-215	0.34	U	pCi/g	0.44	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Polonium-215	0.14	U	pCi/g	0.47	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Polonium-215	-0.11	U	pCi/g	0.42	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Polonium-215	0.08	U	pCi/g	0.45	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Polonium-215	0.23	U	pCi/g	0.48	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Polonium-215	0.15	U	pCi/g	0.42	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Polonium-215	0.2	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Polonium-215	0.36	U	pCi/g	0.47	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Polonium-215	-0.09	U	pCi/g	0.43	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Polonium-215	0.38	U	pCi/g	0.52	0.97	0.97	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Polonium-215	-0.38	U	pCi/g	0.51	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Polonium-215	-0.19	U	pCi/g	0.45	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Polonium-215	0.27	U	pCi/g	0.45	0.82	0.82	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Polonium-215	0.02	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Polonium-215	-0.16	U	pCi/g	0.37	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Polonium-215	0.13	U	pCi/g	0.48	0.87	0.87	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Polonium-215	0.13	U	pCi/g	0.43	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Polonium-215	-0.27	U	pCi/g	0.48	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Polonium-215	-0.22	U	pCi/g	0.41	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Polonium-215	-0.11	U	pCi/g	0.36	0.62	0.62	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Polonium-215	-0.25	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Polonium-215	0.06	U	pCi/g	0.41	0.74	0.74	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Polonium-215	-0.15	U	pCi/g	0.39	0.66	0.66	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Polonium-215	0.12	U	pCi/g	0.34	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Polonium-215	-0.27	U	pCi/g	0.41	0.68	0.68	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Polonium-215	-0.42	U	pCi/g	0.42	0.66	0.66	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Polonium-215	0.15	U	pCi/g	0.38	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Polonium-215	0.04	U	pCi/g	0.44	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Polonium-215	0.36	U	pCi/g	0.41	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Polonium-215	0.3	U	pCi/g	0.52	0.95	0.95	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Polonium-215	0.23	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Polonium-215	0.13	U	pCi/g	0.45	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Polonium-215	-0.03	U	pCi/g	0.43	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Polonium-215	0.008	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Polonium-215	-0.05	U	pCi/g	0.41	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Polonium-215	-0.13	U	pCi/g	0.41	0.71	0.71	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Polonium-215	0.02	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Polonium-215	0.06	U	pCi/g	0.44	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Polonium-215	-0.28	U	pCi/g	0.46	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Polonium-215	0.21	U	pCi/g	0.47	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Polonium-215	-0.02	U	pCi/g	0.49	0.87	0.87	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Polonium-215	-0.29	U	pCi/g	0.51	0.84	0.84	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Polonium-215	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Polonium-215	-0.07	U	pCi/g	0.44	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Polonium-215	0.2	U	pCi/g	0.4	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Polonium-215	-0.02	U	pCi/g	0.42	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Polonium-215	0.11	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Polonium-215	-0.27	U	pCi/g	0.41	0.69	0.69	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Polonium-215	-0.32	U	pCi/g	0.43	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Polonium-215	-0.37	U	pCi/g	0.46	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Polonium-215	-0.13	U	pCi/g	0.45	0.78	0.78	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Polonium-215	0.12	U	pCi/g	0.46	0.84	0.84	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Polonium-215	-0.11	U	pCi/g	0.42	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Polonium-215	0.03	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Polonium-215	-0.05	U	pCi/g	0.38	0.68	0.68	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Polonium-215	-0.24	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Polonium-215	-0.18	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Polonium-215	-0.11	U	pCi/g	0.47	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Polonium-215	-0.12	U	pCi/g	0.4	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Polonium-215	0.13	U	pCi/g	0.44	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Polonium-215	-0.24	U	pCi/g	0.44	0.74	0.74	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Polonium-215	-0.17	U	pCi/g	0.49	0.83	0.83	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Polonium-215	-0.32	U	pCi/g	0.35	0.58	0.58	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Polonium-215	0.03	U	pCi/g	0.48	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Polonium-215	-0.27	U	pCi/g	0.45	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Polonium-215	0.14	U	pCi/g	0.46	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Polonium-215	0.13	U	pCi/g	0.42	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Polonium-215	0.37	U	pCi/g	0.49	0.91	0.91	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Polonium-215	-0.29	U	pCi/g	0.38	0.62	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Polonium-215	-0.52	U	pCi/g	0.47	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Polonium-215	0.31	U	pCi/g	0.4	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Polonium-215	-0.49	U	pCi/g	0.38	0.59	0.59	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Polonium-215	0.4	U	pCi/g	0.49	0.93	0.93	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Polonium-215	-0.33	U	pCi/g	0.44	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Polonium-215	-0.06	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Polonium-215	-0.29	U	pCi/g	0.47	0.77	0.77	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Polonium-215	-0.1	U	pCi/g	0.39	0.68	0.68	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Polonium-215	0.26	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Polonium-215	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Polonium-215	0.03	U	pCi/g	0.46	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Polonium-215	-0.15	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Polonium-215	0.06	U	pCi/g	0.42	0.75	0.75	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Polonium-215	-0.04	U	pCi/g	0.39	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Polonium-215	0.03	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Polonium-215	-0.2	U	pCi/g	0.51	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Polonium-215	-0.06	U	pCi/g	0.4	0.71	0.71	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Polonium-216	1.69		pCi/g	0.3	0.22	0.22	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Polonium-216	1.58		pCi/g	0.26	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Polonium-216	1.58		pCi/g	0.28	0.19	0.19	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Polonium-216	1.93		pCi/g	0.28	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Polonium-216	1.71		pCi/g	0.26	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Polonium-216	1.88		pCi/g	0.28	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Polonium-216	1.74		pCi/g	0.26	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Polonium-216	1.65		pCi/g	0.26	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Polonium-216	1.71		pCi/g	0.26	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Polonium-216	1.86		pCi/g	0.27	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Polonium-216	1.92		pCi/g	0.28	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Polonium-216	1.62		pCi/g	0.26	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Polonium-216	1.76		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Polonium-216	1.72		pCi/g	0.31	0.24	0.24	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Polonium-216	1.72		pCi/g	0.27	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Polonium-216	1.77		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Polonium-216	1.72		pCi/g	0.32	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Polonium-216	1.78		pCi/g	0.26	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Polonium-216	1.63		pCi/g	0.28	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Polonium-216	1.6		pCi/g	0.28	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Polonium-216	1.73		pCi/g	0.29	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Polonium-216	1.73		pCi/g	0.25	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Polonium-216	1.76		pCi/g	0.27	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Polonium-216	1.43		pCi/g	0.25	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Polonium-216	1.93		pCi/g	0.33	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Polonium-216	1.61		pCi/g	0.24	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Polonium-216	1.64		pCi/g	0.25	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Polonium-216	1.08		pCi/g	0.21	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Polonium-216	1.25		pCi/g	0.19	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Polonium-216	1.22		pCi/g	0.2	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Polonium-216	1.34		pCi/g	0.23	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Polonium-216	1.2		pCi/g	0.23	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Polonium-216	1.29		pCi/g	0.22	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Polonium-216	1.08		pCi/g	0.23	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Polonium-216	1.2		pCi/g	0.21	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Polonium-216	1.37		pCi/g	0.23	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Polonium-216	1.33		pCi/g	0.22	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Polonium-216	1.9		pCi/g	0.27	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Polonium-216	1.93		pCi/g	0.29	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Polonium-216	1.37		pCi/g	0.24	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Polonium-216	1.64		pCi/g	0.28	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Polonium-216	1.82		pCi/g	0.28	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Polonium-216	1.98		pCi/g	0.29	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Polonium-216	1.61		pCi/g	0.28	0.17	0.17	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Polonium-216	1.77		pCi/g	0.26	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Polonium-216	2.11		pCi/g	0.31	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Polonium-216	1.8		pCi/g	0.28	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Polonium-216	1.76		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Polonium-216	1.73		pCi/g	0.29	0.23	0.23	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Polonium-216	1.98		pCi/g	0.32	0.25	0.25	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Polonium-216	1.62		pCi/g	0.25	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Polonium-216	1.24		pCi/g	0.23	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Polonium-216	1.25		pCi/g	0.24	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Polonium-216	1.46		pCi/g	0.25	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Polonium-216	1.29		pCi/g	0.24	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Polonium-216	1.4		pCi/g	0.22	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Polonium-216	1.42		pCi/g	0.24	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Polonium-216	1.08		pCi/g	0.23	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Polonium-216	1.2		pCi/g	0.19	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Polonium-216	1.74		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Polonium-216	1.22		pCi/g	0.22	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Polonium-216	1.21		pCi/g	0.19	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Polonium-216	1.54		pCi/g	0.23	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Polonium-216	1.52		pCi/g	0.25	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Polonium-216	1.36		pCi/g	0.2	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Polonium-216	1.74		pCi/g	0.26	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Polonium-216	1.3		pCi/g	0.21	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Polonium-216	1.4		pCi/g	0.22	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Polonium-216	1.69		pCi/g	0.3	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Polonium-216	1.45		pCi/g	0.25	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Polonium-216	1.97		pCi/g	0.29	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Polonium-216	1.38		pCi/g	0.23	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Polonium-216	1.53		pCi/g	0.27	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Polonium-216	1.89		pCi/g	0.27	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Polonium-216	1.76		pCi/g	0.26	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Polonium-216	1.54		pCi/g	0.26	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Polonium-216	1.69		pCi/g	0.3	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Polonium-216	1.27		pCi/g	0.2	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Polonium-216	1.41		pCi/g	0.25	0.21	0.21	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Polonium-216	1.62		pCi/g	0.28	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Polonium-216	1.13		pCi/g	0.22	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Polonium-216	1.72		pCi/g	0.3	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Polonium-216	1.64		pCi/g	0.28	0.21	0.21	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Polonium-216	1.3		pCi/g	0.23	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Polonium-216	1.43		pCi/g	0.25	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Polonium-216	1.58		pCi/g	0.24	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Polonium-216	1.56		pCi/g	0.26	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Polonium-216	1.26		pCi/g	0.23	0.17	0.17	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Polonium-216	1.36		pCi/g	0.24	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Polonium-216	1.49		pCi/g	0.26	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Polonium-216	1.75		pCi/g	0.26	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Polonium-216	1.45		pCi/g	0.22	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Polonium-216	1.44		pCi/g	0.24	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Polonium-216	1.65		pCi/g	0.25	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Polonium-216	1.51		pCi/g	0.23	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Polonium-218	1.58	J	pCi/g	0.21		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Polonium-218	1.32		pCi/g	0.17		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Polonium-218	1.5		pCi/g	0.18		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Polonium-218	0.968	J	pCi/g	0.12		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Polonium-218	1.15	J	pCi/g	0.15		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Polonium-218	2.1	J	pCi/g	0.26		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Polonium-218	0.855	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Polonium-218	1.54		pCi/g	0.2		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Polonium-218	2.36		pCi/g	0.3		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Polonium-218	1.2		pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Polonium-218	1.15		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Polonium-218	1.07	J	pCi/g	0.14		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Polonium-218	0.945	J	pCi/g	0.13		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Polonium-218	0.965	J	pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Polonium-218	1.03	J	pCi/g	0.14		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Polonium-218	1.06	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Polonium-218	1.37		pCi/g	0.18		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Polonium-218	1.27		pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Polonium-218	1.18		pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Polonium-218	0.952	J	pCi/g	0.12		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Polonium-218	1.22	J	pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Polonium-218	1.57		pCi/g	0.18		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Polonium-218	1.02		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Polonium-218	1.23		pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Polonium-218	1.26		pCi/g	0.17		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Polonium-218	1.09		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Polonium-218	1.32		pCi/g	0.17		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Polonium-218	1.03	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Polonium-218	0.577	J	pCi/g	0.1		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Polonium-218	0.507	J	pCi/g	0.095		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Polonium-218	0.893	J	pCi/g	0.13		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Polonium-218	1.04	J	pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Polonium-218	0.635	J	pCi/g	0.1		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Polonium-218	0.494	J	pCi/g	0.097		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Polonium-218	0.595	J	pCi/g	0.1		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Polonium-218	0.817	J	pCi/g	0.11		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Polonium-218	0.925	J	pCi/g	0.14		1	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Polonium-218	0.714	J	pCi/g	0.1		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Polonium-218	1.15		pCi/g	0.15		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Polonium-218	1.36		pCi/g	0.19		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Polonium-218	1.12		pCi/g	0.17		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Polonium-218	1.28		pCi/g	0.17		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Polonium-218	0.879	J	pCi/g	0.12		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Polonium-218	1.12		pCi/g	0.16		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Polonium-218	1.22		pCi/g	0.18		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Polonium-218	0.978	U	pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Polonium-218	1.05		pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Polonium-218	0.977	U	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Polonium-218	1.07		pCi/g	0.16		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Polonium-218	0.939	U	pCi/g	0.13		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Polonium-218	1.06	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Polonium-218	1.18	J	pCi/g	0.16		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Polonium-218	1.53	J	pCi/g	0.19		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Polonium-218	1.02		pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Polonium-218	1.09	J	pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Polonium-218	0.984	J	pCi/g	0.12		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Polonium-218	0.693	J	pCi/g	0.1		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Polonium-218	0.807	J	pCi/g	0.11		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Polonium-218	1.34		pCi/g	0.16		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Polonium-218	1.27		pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Polonium-218	1.38		pCi/g	0.16		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Polonium-218	1.79		pCi/g	0.2		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Polonium-218	0.968	J	pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Polonium-218	0.773	J	pCi/g	0.12		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Polonium-218	1.7		pCi/g	0.22		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Polonium-218	1.22	J	pCi/g	0.17		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Polonium-218	1.82	J	pCi/g	0.22		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Polonium-218	1.91	J	pCi/g	0.23		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Polonium-218	0.89	J	pCi/g	0.11		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Polonium-218	1.2		pCi/g	0.15		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Polonium-218	0.833	J	pCi/g	0.11		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Polonium-218	0.96	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Polonium-218	1.46		pCi/g	0.18		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Polonium-218	1.11		pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Polonium-218	0.987	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Polonium-218	1.07		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Polonium-218	1.13		pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Polonium-218	0.792	J	pCi/g	0.11		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Polonium-218	0.865	J	pCi/g	0.13		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Polonium-218	1.13		pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Polonium-218	0.877	J	pCi/g	0.12		1	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Polonium-218	0.784	J	pCi/g	0.13		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Polonium-218	1.54		pCi/g	0.19		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Polonium-218	1.14	J	pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Polonium-218	0.97	J	pCi/g	0.13		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Polonium-218	0.938	J	pCi/g	0.12		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Polonium-218	1.16	J	pCi/g	0.16		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Polonium-218	1.24		pCi/g	0.17		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Polonium-218	1.65		pCi/g	0.22		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Polonium-218	1.13		pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Polonium-218	1.13		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Polonium-218	1.96	J	pCi/g	0.21		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Polonium-218	0.999	U	pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Polonium-218	1.06		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Polonium-218	1.87		pCi/g	0.22		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Potassium	3590		mg/kg		50.8	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Potassium	2020		mg/kg		51.6	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Potassium	2250		mg/kg		51.1	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Potassium	3250		mg/kg		50.3	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Potassium	2370		mg/kg		51.4	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Potassium	1160	J	mg/kg		51.1	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Potassium	3150	J	mg/kg		50.7	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Potassium	1720	J	mg/kg		51.6	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Potassium	1310	J	mg/kg		51.6	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Potassium	2230		mg/kg		50.6	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Potassium	2370		mg/kg		51.1	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Potassium	1890		mg/kg		50.8	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Potassium	3510		mg/kg		50.6	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Potassium	2660		mg/kg		51.1	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Potassium	2010		mg/kg		50.9	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Potassium	3410		mg/kg		50.6	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Potassium	2050		mg/kg		51.6	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Potassium	2270		mg/kg		51	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Potassium	3140		mg/kg		50.3	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Potassium	3260		mg/kg		51.1	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Potassium	1480		mg/kg		51.1	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Potassium	2970		mg/kg		50.3	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Potassium	2390		mg/kg		52.5	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Potassium	1780		mg/kg		51.7	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Potassium	3890		mg/kg		50.6	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Potassium	2520		mg/kg		51.9	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Potassium	1810		mg/kg		52.3	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Potassium	1500	J	mg/kg		50.8	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Potassium	1490	J	mg/kg		52.2	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Potassium	1180	J	mg/kg		53.3	2.079	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Potassium	1540	J	mg/kg		50.8	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Potassium	1060	J	mg/kg		52.1	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Potassium	1360	J	mg/kg		52.5	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Potassium	1820	J	mg/kg		50.8	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Potassium	1720		mg/kg		50.4	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Potassium	1210	J	mg/kg		52.6	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Potassium	1250	J	mg/kg		52.2	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Potassium	1770	J	mg/kg		50.8	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Potassium	1750	J	mg/kg		54	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Potassium	1940	J	mg/kg		50.6	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Potassium	872	J	mg/kg		63.1	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Potassium	918	J	mg/kg		52.8	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Potassium	1530	J	mg/kg		51	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Potassium	1870	J	mg/kg		50.7	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Potassium	989		mg/kg		52.5	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Potassium	1190		mg/kg		51.8	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Potassium	1830	J	mg/kg		50.7	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Potassium	1580		mg/kg		50.5	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Potassium	877		mg/kg		53.1	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Potassium	1160		mg/kg		51.8	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Potassium	2350	J	mg/kg		50.6	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Potassium	1350	J	mg/kg		51.2	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Potassium	879	J	mg/kg		51.3	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Potassium	2740	J	mg/kg		50.5	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Potassium	1310	J	mg/kg		51.8	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Potassium	898	J	mg/kg		51.8	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Potassium	2400	J	mg/kg		50.6	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Potassium	1160	J	mg/kg		52	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Potassium	792	J	mg/kg		51.8	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Potassium	3650		mg/kg		50.7	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Potassium	1120		mg/kg		51.9	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Potassium	625		mg/kg		52	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Potassium	2760	J	mg/kg		50.5	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Potassium	1390		mg/kg		51.4	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Potassium	769		mg/kg		52	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Potassium	2720		mg/kg		50.5	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Potassium	1080		mg/kg		51.9	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Potassium	649		mg/kg		51.7	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Potassium	1890	J	mg/kg		50.4	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Potassium	1240	J	mg/kg		51.7	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Potassium	1350	J	mg/kg		51.6	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Potassium	1240	J	mg/kg		50.6	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Potassium	1350	J	mg/kg		53.1	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Potassium	1140	J	mg/kg		52.2	2.079	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Potassium	1580	J	mg/kg		50.6	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Potassium	1480	J	mg/kg		52.2	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Potassium	1250	J	mg/kg		51.6	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Potassium	1580	J	mg/kg		50.3	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Potassium	2110	J	mg/kg		52	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Potassium	1380	J	mg/kg		52.2	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Potassium	1420	J	mg/kg		50.3	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Potassium	2340	J	mg/kg		52.3	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Potassium	1410	J	mg/kg		51.4	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Potassium	1800	J	mg/kg		50.7	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Potassium	2080	J	mg/kg		53.1	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Potassium	1300	J	mg/kg		52.5	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Potassium	1830	J	mg/kg		50.4	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Potassium	982	J	mg/kg		52.7	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Potassium	1170	J	mg/kg		52.8	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Potassium	1710		mg/kg		50.5	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Potassium	1050		mg/kg		52.6	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Potassium	866		mg/kg		52.1	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Potassium	1620		mg/kg		50.4	2.079	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Potassium	1030		mg/kg		52.9	2.079	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Potassium	966		mg/kg		51.9	2.079	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Potassium-40	24.5		pCi/g	3.7	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Potassium-40	25.4		pCi/g	3.6	5.5	5.5	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Potassium-40	24.7		pCi/g	3.7	0.5	0.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Potassium-40	23.3		pCi/g	3.8	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Potassium-40	30.5		pCi/g	4.3	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Potassium-40	25.8		pCi/g	3.8	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Potassium-40	20.9		pCi/g	3.6	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Potassium-40	27.9		pCi/g	4.1	0.6	0.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Potassium-40	23.4		pCi/g	3.8	1.2	1.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Potassium-40	25.9		pCi/g	3.8	0.9	0.9	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Potassium-40	27		pCi/g	4	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Potassium-40	24.5		pCi/g	3.4	5.2	5.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Potassium-40	24.2		pCi/g	3.9	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Potassium-40	26.2		pCi/g	3.9	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Potassium-40	25.6		pCi/g	3.7	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Potassium-40	24.5		pCi/g	4	1.3	1.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Potassium-40	28.5		pCi/g	4.3	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Potassium-40	27		pCi/g	3.8	5.7	5.7	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Potassium-40	25		pCi/g	3.8	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Potassium-40	30.4		pCi/g	4.4	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Potassium-40	26		pCi/g	3.9	1.2	1.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Potassium-40	24.4		pCi/g	3.6	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Potassium-40	26.5		pCi/g	3.9	0.6	0.6	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Potassium-40	21		pCi/g	3.1	5	5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Potassium-40	23.7		pCi/g	3.9	1.3	1.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Potassium-40	26		pCi/g	3.8	0.6	0.6	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Potassium-40	22.6		pCi/g	3.6	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Potassium-40	22		pCi/g	3.4	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Potassium-40	21.9		pCi/g	3.1	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Potassium-40	24.5		pCi/g	3.5	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Potassium-40	22.5		pCi/g	3.5	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Potassium-40	21.8		pCi/g	3.3	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Potassium-40	24.1		pCi/g	3.4	0.7	0.7	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Potassium-40	24		pCi/g	3.6	0.5	0.5	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Potassium-40	22.8		pCi/g	3.5	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Potassium-40	24.1		pCi/g	3.5	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Potassium-40	22		pCi/g	3.3	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Potassium-40	25.6		pCi/g	3.7	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Potassium-40	22		pCi/g	3.6	1.2	1.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Potassium-40	24		pCi/g	3.4	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Potassium-40	25.1		pCi/g	3.7	1	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Potassium-40	25.1		pCi/g	3.6	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Potassium-40	27.5		pCi/g	4	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Potassium-40	23.5		pCi/g	3.6	1.4	1.4	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Potassium-40	23.4		pCi/g	3.4	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Potassium-40	27.2		pCi/g	4.2	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Potassium-40	25		pCi/g	3.9	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Potassium-40	25		pCi/g	3.7	0.9	0.9	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Potassium-40	23.9		pCi/g	3.6	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Potassium-40	28.1		pCi/g	4.1	0.9	0.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Potassium-40	22.4		pCi/g	3.6	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Potassium-40	23		pCi/g	3.3	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Potassium-40	23.2		pCi/g	3.5	0.9	0.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Potassium-40	24.6		pCi/g	3.7	0.9	0.9	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Potassium-40	20.6		pCi/g	3.3	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Potassium-40	22.4		pCi/g	3.4	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Potassium-40	21.4		pCi/g	3.1	5.1	5.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Potassium-40	22.2		pCi/g	3.5	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Potassium-40	23.4		pCi/g	3.5	0.9	0.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Potassium-40	24.1		pCi/g	3.5	5.6	5.6	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Potassium-40	17.8		pCi/g	3.1	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Potassium-40	24.3		pCi/g	3.5	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Potassium-40	27.9		pCi/g	4	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Potassium-40	28.2		pCi/g	4.1	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Potassium-40	21.8		pCi/g	3.4	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Potassium-40	27.7		pCi/g	4	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Potassium-40	24.1		pCi/g	3.7	1	1	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Potassium-40	21.8		pCi/g	3.2	5.1	5.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Potassium-40	27		pCi/g	4	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Potassium-40	24.5		pCi/g	3.5	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Potassium-40	23.1		pCi/g	3.5	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Potassium-40	22.2		pCi/g	3.3	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Potassium-40	24.2		pCi/g	3.6	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Potassium-40	26.6		pCi/g	3.8	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Potassium-40	24.4		pCi/g	3.7	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Potassium-40	25.3		pCi/g	3.6	5.4	5.4	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Potassium-40	25.8		pCi/g	3.8	0.7	0.7	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Potassium-40	20.3		pCi/g	3.5	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Potassium-40	22.2		pCi/g	3.4	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Potassium-40	25.8		pCi/g	3.6	0.6	0.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Potassium-40	21.5		pCi/g	3.5	0.9	0.9	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Potassium-40	22.8		pCi/g	3.8	1.2	1.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Potassium-40	27		pCi/g	4	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Potassium-40	23.7		pCi/g	3.6	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Potassium-40	22.9		pCi/g	3.6	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Potassium-40	21.9		pCi/g	3.2	0.7	0.7	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Potassium-40	22.6		pCi/g	3.5	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Potassium-40	20.9		pCi/g	3.3	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Potassium-40	18.4		pCi/g	3.1	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Potassium-40	23.7		pCi/g	3.6	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Potassium-40	23.2		pCi/g	3.6	0.9	0.9	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Potassium-40	19.6		pCi/g	3	0.7	0.7	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Potassium-40	23.9		pCi/g	3.5	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Potassium-40	22.6		pCi/g	3.4	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Potassium-40	21		pCi/g	3.2	0.9	0.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Protactinium-234	0.04	U	pCi/g	0.17	0.3	0.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Protactinium-234	-0.17	U	pCi/g	0.15	0.24	0.24	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Protactinium-234	-0.03	U	pCi/g	0.17	0.29	0.29	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Protactinium-234	-0.09	U	pCi/g	0.17	0.28	0.28	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Protactinium-234	0.006	U	pCi/g	0.18	0.31	0.31	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Protactinium-234	0.13	U	pCi/g	0.17	0.27	0.27	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Protactinium-234	-0.11	U	pCi/g	0.16	0.28	0.28	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Protactinium-234	-0.17	U	pCi/g	0.19	0.3	0.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Protactinium-234	-0.04	U	pCi/g	0.18	0.3	0.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Protactinium-234	-0.14	U	pCi/g	0.15	0.25	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Protactinium-234	0.004	U	pCi/g	0.18	0.3	0.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Protactinium-234	-0.001	U	pCi/g	0.16	0.24	0.24	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Protactinium-234	-0.13	U	pCi/g	0.16	0.26	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Protactinium-234	-0.12	U	pCi/g	0.19	0.31	0.31	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Protactinium-234	-0.19	U	pCi/g	0.14	0.23	0.23	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Protactinium-234	-0.05	U	pCi/g	0.15	0.26	0.26	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Protactinium-234	-0.15	U	pCi/g	0.18	0.3	0.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Protactinium-234	-0.03	U	pCi/g	0.16	0.25	0.25	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Protactinium-234	-0.11	U	pCi/g	0.18	0.3	0.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Protactinium-234	-0.02	U	pCi/g	0.19	0.34	0.34	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Protactinium-234	-0.03	U	pCi/g	0.18	0.31	0.31	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Protactinium-234	-0.21	U	pCi/g	0.15	0.25	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Protactinium-234	-0.09	U	pCi/g	0.17	0.29	0.29	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Protactinium-234	-0.01	U	pCi/g	0.15	0.26	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Protactinium-234	0.09	U	pCi/g	0.2	0.31	0.31	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Protactinium-234	-0.14	U	pCi/g	0.15	0.25	0.25	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Protactinium-234	-0.05	U	pCi/g	0.17	0.29	0.29	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Protactinium-234	-0.23	U	pCi/g	0.16	0.24	0.24	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Protactinium-234	-0.16	U	pCi/g	0.13	0.21	0.21	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Protactinium-234	-0.11	U	pCi/g	0.13	0.22	0.22	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Protactinium-234	-0.18	U	pCi/g	0.15	0.24	0.24	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Protactinium-234	0.007	U	pCi/g	0.15	0.26	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Protactinium-234	-0.09	U	pCi/g	0.13	0.21	0.21	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Protactinium-234	-0.03	U	pCi/g	0.17	0.29	0.29	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Protactinium-234	-0.01	U	pCi/g	0.15	0.27	0.27	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Protactinium-234	-0.07	U	pCi/g	0.13	0.23	0.23	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Protactinium-234	-0.04	U	pCi/g	0.15	0.26	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Protactinium-234	-0.18	U	pCi/g	0.14	0.23	0.23	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Protactinium-234	0.05	U	pCi/g	0.19	0.34	0.34	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Protactinium-234	0.12	U	pCi/g	0.17	0.26	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Protactinium-234	-0.005	U	pCi/g	0.16	0.29	0.29	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Protactinium-234	-0.04	U	pCi/g	0.17	0.25	0.25	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Protactinium-234	-0.21	U	pCi/g	0.16	0.25	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Protactinium-234	-0.27	U	pCi/g	0.17	0.26	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Protactinium-234	-0.02	U	pCi/g	0.16	0.24	0.24	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Protactinium-234	-0.25	U	pCi/g	0.18	0.28	0.28	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Protactinium-234	-0.07	U	pCi/g	0.17	0.29	0.29	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Protactinium-234	-0.07	U	pCi/g	0.15	0.25	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Protactinium-234	-0.31	U	pCi/g	0.18	0.27	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Protactinium-234	-0.08	U	pCi/g	0.18	0.31	0.31	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Protactinium-234	0.004	U	pCi/g	0.17	0.3	0.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Protactinium-234	-0.06	U	pCi/g	0.14	0.21	0.21	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Protactinium-234	-0.17	U	pCi/g	0.17	0.27	0.27	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Protactinium-234	-0.15	U	pCi/g	0.16	0.26	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Protactinium-234	-0.06	U	pCi/g	0.16	0.27	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Protactinium-234	0.03	U	pCi/g	0.16	0.27	0.27	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Protactinium-234	-0.07	U	pCi/g	0.14	0.24	0.24	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Protactinium-234	-0.1	U	pCi/g	0.16	0.26	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Protactinium-234	-0.08	U	pCi/g	0.15	0.26	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Protactinium-234	-0.14	U	pCi/g	0.15	0.26	0.26	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Protactinium-234	-0.08	U	pCi/g	0.16	0.27	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Protactinium-234	0.01	U	pCi/g	0.15	0.25	0.25	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Protactinium-234	-0.04	U	pCi/g	0.14	0.25	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Protactinium-234	0.06	U	pCi/g	0.17	0.26	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Protactinium-234	-0.07	U	pCi/g	0.14	0.24	0.24	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Protactinium-234	-0.16	U	pCi/g	0.16	0.26	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Protactinium-234	-0.11	U	pCi/g	0.16	0.27	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Protactinium-234	0.12	U	pCi/g	0.16	0.25	0.25	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Protactinium-234	-0.34	U	pCi/g	0.18	0.26	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Protactinium-234	0.06	U	pCi/g	0.16	0.25	0.25	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Protactinium-234	-0.15	U	pCi/g	0.18	0.29	0.29	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Protactinium-234	0.07	U	pCi/g	0.15	0.23	0.23	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Protactinium-234	-0.11	U	pCi/g	0.17	0.29	0.29	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Protactinium-234	-0.1	U	pCi/g	0.15	0.25	0.25	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Protactinium-234	0.03	U	pCi/g	0.19	0.28	0.28	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Protactinium-234	-0.16	U	pCi/g	0.14	0.23	0.23	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Protactinium-234	-0.24	U	pCi/g	0.17	0.26	0.26	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Protactinium-234	-0.14	U	pCi/g	0.14	0.22	0.22	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Protactinium-234	0.03	U	pCi/g	0.17	0.3	0.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Protactinium-234	-0.12	U	pCi/g	0.14	0.23	0.23	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Protactinium-234	-0.09	U	pCi/g	0.13	0.22	0.22	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Protactinium-234	-0.29	U	pCi/g	0.18	0.27	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Protactinium-234	0.13	U	pCi/g	0.18	0.28	0.28	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Protactinium-234	0.01	U	pCi/g	0.15	0.26	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Protactinium-234	-0.1	U	pCi/g	0.16	0.27	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Protactinium-234	-0.03	U	pCi/g	0.16	0.23	0.23	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Protactinium-234	-0.11	U	pCi/g	0.18	0.26	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Protactinium-234	-0.14	U	pCi/g	0.16	0.22	0.22	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Protactinium-234	0.01	U	pCi/g	0.17	0.29	0.29	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Protactinium-234	-0.08	U	pCi/g	0.16	0.26	0.26	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Protactinium-234	0.03	U	pCi/g	0.17	0.26	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Protactinium-234	-0.09	U	pCi/g	0.16	0.23	0.23	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Protactinium-234	-0.17	U	pCi/g	0.16	0.25	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Protactinium-234	-0.17	U	pCi/g	0.17	0.27	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Protactinium-234	-0.11	U	pCi/g	0.15	0.25	0.25	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Radium-226	1.58	J	pCi/g	0.21		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Radium-226	1.32		pCi/g	0.17		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Radium-226	1.5		pCi/g	0.18		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Radium-226	0.968	J	pCi/g	0.12		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Radium-226	1.15	J	pCi/g	0.15		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Radium-226	2.1	J	pCi/g	0.26		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Radium-226	0.855	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Radium-226	1.54		pCi/g	0.2		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Radium-226	2.36		pCi/g	0.3		1	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Radium-226	1.2		pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Radium-226	1.15		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Radium-226	1.07	J	pCi/g	0.14		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Radium-226	0.945	J	pCi/g	0.13		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Radium-226	0.965	J	pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Radium-226	1.03	J	pCi/g	0.14		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Radium-226	1.06	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Radium-226	1.37		pCi/g	0.18		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Radium-226	1.27		pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Radium-226	1.18		pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Radium-226	0.952	J	pCi/g	0.12		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Radium-226	1.22	J	pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Radium-226	1.57		pCi/g	0.18		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Radium-226	1.02		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Radium-226	1.23		pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Radium-226	1.26		pCi/g	0.17		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Radium-226	1.09		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Radium-226	1.32		pCi/g	0.17		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Radium-226	1.03	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Radium-226	0.577	J	pCi/g	0.1		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Radium-226	0.507	J	pCi/g	0.095		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Radium-226	0.893	J	pCi/g	0.13		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Radium-226	1.04	J	pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Radium-226	0.635	J	pCi/g	0.1		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Radium-226	0.494	J	pCi/g	0.097		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Radium-226	0.595	J	pCi/g	0.1		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Radium-226	0.817	J	pCi/g	0.11		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Radium-226	0.925	J	pCi/g	0.14		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Radium-226	0.714	J	pCi/g	0.1		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Radium-226	1.15		pCi/g	0.15		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Radium-226	1.36		pCi/g	0.19		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Radium-226	1.12		pCi/g	0.17		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Radium-226	1.28		pCi/g	0.17		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Radium-226	0.879	J	pCi/g	0.12		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Radium-226	1.12		pCi/g	0.16		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Radium-226	1.22		pCi/g	0.18		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Radium-226	0.978	U	pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Radium-226	1.05		pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Radium-226	0.977	U	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Radium-226	1.07		pCi/g	0.16		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Radium-226	0.939	U	pCi/g	0.13		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Radium-226	1.06	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Radium-226	1.18	J	pCi/g	0.16		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Radium-226	1.53	J	pCi/g	0.19		1	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Radium-226	1.02		pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Radium-226	1.09	J	pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Radium-226	0.984	J	pCi/g	0.12		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Radium-226	0.693	J	pCi/g	0.1		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Radium-226	0.807	J	pCi/g	0.11		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Radium-226	1.34		pCi/g	0.16		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Radium-226	1.27		pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Radium-226	1.38		pCi/g	0.16		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Radium-226	1.79		pCi/g	0.2		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Radium-226	0.968	J	pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Radium-226	0.773	J	pCi/g	0.12		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Radium-226	1.7		pCi/g	0.22		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Radium-226	1.22	J	pCi/g	0.17		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Radium-226	1.82	J	pCi/g	0.22		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Radium-226	1.91	J	pCi/g	0.23		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Radium-226	0.89	J	pCi/g	0.11		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Radium-226	1.2		pCi/g	0.15		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Radium-226	0.833	J	pCi/g	0.11		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Radium-226	0.96	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Radium-226	1.46		pCi/g	0.18		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Radium-226	1.11		pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Radium-226	0.987	J	pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Radium-226	1.07		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Radium-226	1.13		pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Radium-226	0.792	J	pCi/g	0.11		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Radium-226	0.865	J	pCi/g	0.13		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Radium-226	1.13		pCi/g	0.15		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Radium-226	0.877	J	pCi/g	0.12		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Radium-226	0.784	J	pCi/g	0.13		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Radium-226	1.54		pCi/g	0.19		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Radium-226	1.14	J	pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Radium-226	0.97	J	pCi/g	0.13		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Radium-226	0.938	J	pCi/g	0.12		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Radium-226	1.16	J	pCi/g	0.16		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Radium-226	1.24		pCi/g	0.17		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Radium-226	1.65		pCi/g	0.22		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Radium-226	1.13		pCi/g	0.14		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Radium-226	1.13		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Radium-226	1.96	J	pCi/g	0.21		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Radium-226	0.999	U	pCi/g	0.15		1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Radium-226	1.06		pCi/g	0.14		1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Radium-226	1.87		pCi/g	0.22		1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Radium-228	2.05		pCi/g	0.24		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Radium-228	2.21		pCi/g	0.25		2	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Radium-228	1.67	J	pCi/g	0.21		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Radium-228	1.28	J	pCi/g	0.19		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Radium-228	1.83	J	pCi/g	0.23		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Radium-228	2.17		pCi/g	0.26		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Radium-228	2.01		pCi/g	0.24		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Radium-228	2.04		pCi/g	0.25		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Radium-228	2.34		pCi/g	0.26		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Radium-228	2.36		pCi/g	0.27		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Radium-228	2.05		pCi/g	0.25		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Radium-228	1.91	J	pCi/g	0.22		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Radium-228	1.61	J	pCi/g	0.22		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Radium-228	2.92		pCi/g	0.3		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Radium-228	2.05		pCi/g	0.24		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Radium-228	2.29		pCi/g	0.25		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Radium-228	1.75	J	pCi/g	0.21		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Radium-228	2.35		pCi/g	0.25		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Radium-228	1.85	J	pCi/g	0.22		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Radium-228	1.46	U	pCi/g	0.2		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Radium-228	1.59	U	pCi/g	0.22		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Radium-228	2.02		pCi/g	0.23		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Radium-228	1.78	U	pCi/g	0.22		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Radium-228	1.35	U	pCi/g	0.21		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Radium-228	1.91	U	pCi/g	0.24		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Radium-228	1.82	U	pCi/g	0.22		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Radium-228	1.47	U	pCi/g	0.2		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Radium-228	0.946	U	pCi/g	0.16		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Radium-228	2.37		pCi/g	0.25		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Radium-228	1.5	U	pCi/g	0.21		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Radium-228	2.65		pCi/g	0.31		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Radium-228	2.4		pCi/g	0.25		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Radium-228	2.14		pCi/g	0.25		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Radium-228	1.86	U	pCi/g	0.21		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Radium-228	2.06		pCi/g	0.22		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Radium-228	2.31		pCi/g	0.25		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Radium-228	2.51		pCi/g	0.24		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Radium-228	1.92	J	pCi/g	0.27		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Radium-228	1.93	U	pCi/g	0.21		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Radium-228	2.41		pCi/g	0.24		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Radium-228	2.17		pCi/g	0.23		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Radium-228	2.03		pCi/g	0.26		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Radium-228	1.69	J	pCi/g	0.25		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Radium-228	1.74	J	pCi/g	0.24		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Radium-228	1.85	J	pCi/g	0.24		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Radium-228	2.02		pCi/g	0.25		2	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Radium-228	1.86	J	pCi/g	0.24		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Radium-228	1.97	J	pCi/g	0.24		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Radium-228	1.15	J	pCi/g	0.19		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Radium-228	2.02		pCi/g	0.26		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Radium-228	1.41	J	pCi/g	0.2		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Radium-228	1.3	J	pCi/g	0.21		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Radium-228	2.08		pCi/g	0.25		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Radium-228	1.67	J	pCi/g	0.2		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Radium-228	1.49	J	pCi/g	0.2		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Radium-228	1.42	J	pCi/g	0.2		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Radium-228	2.66		pCi/g	0.26		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Radium-228	2.21		pCi/g	0.24		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Radium-228	1.34	J	pCi/g	0.2		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Radium-228	2.1		pCi/g	0.24		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Radium-228	2.05		pCi/g	0.24		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Radium-228	2.57		pCi/g	0.26		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Radium-228	1.95	J	pCi/g	0.24		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Radium-228	2.23		pCi/g	0.28		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Radium-228	2.04		pCi/g	0.25		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Radium-228	1.3	J	pCi/g	0.2		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Radium-228	2.11		pCi/g	0.23		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Radium-228	1.93	J	pCi/g	0.25		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Radium-228	1.7	J	pCi/g	0.26		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Radium-228	1.44	J	pCi/g	0.25		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Radium-228	1.73	J	pCi/g	0.24		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Radium-228	1.11	U	pCi/g	0.17		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Radium-228	1.66	J	pCi/g	0.23		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Radium-228	2.18		pCi/g	0.27		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Radium-228	1.97	J	pCi/g	0.25		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Radium-228	1.37	J	pCi/g	0.21		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Radium-228	2.18		pCi/g	0.27		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Radium-228	2	U	pCi/g	0.26		2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Radium-228	1.55	U	pCi/g	0.24		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Radium-228	1.34	U	pCi/g	0.18		2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Radium-228	1.68	U	pCi/g	0.23		2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Radium-223	-0.19	U	pCi/g	0.46	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Radium-223	-0.29	U	pCi/g	0.43	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Radium-223	-0.41	U	pCi/g	0.45	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Radium-223	0.1	U	pCi/g	0.48	0.85	0.85	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Radium-223	-0.003	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Radium-223	-0.36	U	pCi/g	0.46	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Radium-223	-0.02	U	pCi/g	0.48	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Radium-223	-0.17	U	pCi/g	0.51	0.87	0.87	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Radium-223	0.24	U	pCi/g	0.52	0.93	0.93	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Radium-223	0.34	U	pCi/g	0.44	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Radium-223	0.14	U	pCi/g	0.47	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Radium-223	-0.11	U	pCi/g	0.42	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Radium-223	0.08	U	pCi/g	0.45	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Radium-223	0.23	U	pCi/g	0.48	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Radium-223	0.15	U	pCi/g	0.42	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Radium-223	0.2	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Radium-223	0.36	U	pCi/g	0.47	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Radium-223	-0.09	U	pCi/g	0.43	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Radium-223	0.38	U	pCi/g	0.52	0.97	0.97	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Radium-223	-0.38	U	pCi/g	0.51	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Radium-223	-0.19	U	pCi/g	0.45	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Radium-223	0.27	U	pCi/g	0.45	0.82	0.82	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Radium-223	0.02	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Radium-223	-0.16	U	pCi/g	0.37	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Radium-223	0.13	U	pCi/g	0.48	0.87	0.87	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Radium-223	0.13	U	pCi/g	0.43	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Radium-223	-0.27	U	pCi/g	0.48	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Radium-223	-0.22	U	pCi/g	0.41	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Radium-223	-0.11	U	pCi/g	0.36	0.62	0.62	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Radium-223	-0.25	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Radium-223	0.06	U	pCi/g	0.41	0.74	0.74	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Radium-223	-0.15	U	pCi/g	0.39	0.66	0.66	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Radium-223	0.12	U	pCi/g	0.34	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Radium-223	-0.27	U	pCi/g	0.41	0.68	0.68	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Radium-223	-0.42	U	pCi/g	0.42	0.66	0.66	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Radium-223	0.15	U	pCi/g	0.38	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Radium-223	0.04	U	pCi/g	0.44	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Radium-223	0.36	U	pCi/g	0.41	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Radium-223	0.3	U	pCi/g	0.52	0.95	0.95	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Radium-223	0.23	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Radium-223	0.13	U	pCi/g	0.45	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Radium-223	-0.03	U	pCi/g	0.43	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Radium-223	0.008	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Radium-223	-0.05	U	pCi/g	0.41	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Radium-223	-0.13	U	pCi/g	0.41	0.71	0.71	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Radium-223	0.02	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Radium-223	0.06	U	pCi/g	0.44	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Radium-223	-0.28	U	pCi/g	0.46	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Radium-223	0.21	U	pCi/g	0.47	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Radium-223	-0.02	U	pCi/g	0.49	0.87	0.87	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Radium-223	-0.29	U	pCi/g	0.51	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Radium-223	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Radium-223	-0.07	U	pCi/g	0.44	0.77	0.77	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Radium-223	0.2	U	pCi/g	0.4	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Radium-223	-0.02	U	pCi/g	0.42	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Radium-223	0.11	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Radium-223	-0.27	U	pCi/g	0.41	0.69	0.69	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Radium-223	-0.32	U	pCi/g	0.43	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Radium-223	-0.37	U	pCi/g	0.46	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Radium-223	-0.13	U	pCi/g	0.45	0.78	0.78	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Radium-223	0.12	U	pCi/g	0.46	0.84	0.84	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Radium-223	-0.11	U	pCi/g	0.42	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Radium-223	0.03	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Radium-223	-0.05	U	pCi/g	0.38	0.68	0.68	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Radium-223	-0.24	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Radium-223	-0.18	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Radium-223	-0.11	U	pCi/g	0.47	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Radium-223	-0.12	U	pCi/g	0.4	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Radium-223	0.13	U	pCi/g	0.44	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Radium-223	-0.24	U	pCi/g	0.44	0.74	0.74	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Radium-223	-0.17	U	pCi/g	0.49	0.83	0.83	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Radium-223	-0.32	U	pCi/g	0.35	0.58	0.58	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Radium-223	0.03	U	pCi/g	0.48	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Radium-223	-0.27	U	pCi/g	0.45	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Radium-223	0.14	U	pCi/g	0.46	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Radium-223	0.13	U	pCi/g	0.42	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Radium-223	0.37	U	pCi/g	0.49	0.91	0.91	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Radium-223	-0.29	U	pCi/g	0.38	0.62	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Radium-223	-0.52	U	pCi/g	0.47	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Radium-223	0.31	U	pCi/g	0.4	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Radium-223	-0.49	U	pCi/g	0.38	0.59	0.59	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Radium-223	0.4	U	pCi/g	0.49	0.93	0.93	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Radium-223	-0.33	U	pCi/g	0.44	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Radium-223	-0.06	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Radium-223	-0.29	U	pCi/g	0.47	0.77	0.77	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Radium-223	-0.1	U	pCi/g	0.39	0.68	0.68	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Radium-223	0.26	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Radium-223	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Radium-223	0.03	U	pCi/g	0.46	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Radium-223	-0.15	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Radium-223	0.06	U	pCi/g	0.42	0.75	0.75	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Radium-223	-0.04	U	pCi/g	0.39	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Radium-223	0.03	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Radium-223	-0.2	U	pCi/g	0.51	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Radium-223	-0.06	U	pCi/g	0.4	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Radium-224	1.69		pCi/g	0.3	0.22	0.22	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Radium-224	1.58		pCi/g	0.26	0.16	0.16	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Radium-224	1.58		pCi/g	0.28	0.19	0.19	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Radium-224	1.93		pCi/g	0.28	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Radium-224	1.71		pCi/g	0.26	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Radium-224	1.88		pCi/g	0.28	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Radium-224	1.74		pCi/g	0.26	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Radium-224	1.65		pCi/g	0.26	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Radium-224	1.71		pCi/g	0.26	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Radium-224	1.86		pCi/g	0.27	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Radium-224	1.92		pCi/g	0.28	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Radium-224	1.62		pCi/g	0.26	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Radium-224	1.76		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Radium-224	1.72		pCi/g	0.31	0.24	0.24	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Radium-224	1.72		pCi/g	0.27	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Radium-224	1.77		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Radium-224	1.72		pCi/g	0.32	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Radium-224	1.78		pCi/g	0.26	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Radium-224	1.63		pCi/g	0.28	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Radium-224	1.6		pCi/g	0.28	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Radium-224	1.73		pCi/g	0.29	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Radium-224	1.73		pCi/g	0.25	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Radium-224	1.76		pCi/g	0.27	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Radium-224	1.43		pCi/g	0.25	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Radium-224	1.93		pCi/g	0.33	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Radium-224	1.61		pCi/g	0.24	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Radium-224	1.64		pCi/g	0.25	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Radium-224	1.08		pCi/g	0.21	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Radium-224	1.25		pCi/g	0.19	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Radium-224	1.22		pCi/g	0.2	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Radium-224	1.34		pCi/g	0.23	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Radium-224	1.2		pCi/g	0.23	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Radium-224	1.29		pCi/g	0.22	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Radium-224	1.08		pCi/g	0.23	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Radium-224	1.2		pCi/g	0.21	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Radium-224	1.37		pCi/g	0.23	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Radium-224	1.33		pCi/g	0.22	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Radium-224	1.9		pCi/g	0.27	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Radium-224	1.93		pCi/g	0.29	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Radium-224	1.37		pCi/g	0.24	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Radium-224	1.64		pCi/g	0.28	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Radium-224	1.82		pCi/g	0.28	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Radium-224	1.98		pCi/g	0.29	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Radium-224	1.61		pCi/g	0.28	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Radium-224	1.77		pCi/g	0.26	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Radium-224	2.11		pCi/g	0.31	0.14	0.14	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Radium-224	1.8		pCi/g	0.28	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Radium-224	1.76		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Radium-224	1.73		pCi/g	0.29	0.23	0.23	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Radium-224	1.98		pCi/g	0.32	0.25	0.25	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Radium-224	1.62		pCi/g	0.25	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Radium-224	1.24		pCi/g	0.23	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Radium-224	1.25		pCi/g	0.24	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Radium-224	1.46		pCi/g	0.25	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Radium-224	1.29		pCi/g	0.24	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Radium-224	1.4		pCi/g	0.22	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Radium-224	1.42		pCi/g	0.24	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Radium-224	1.08		pCi/g	0.23	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Radium-224	1.2		pCi/g	0.19	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Radium-224	1.74		pCi/g	0.26	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Radium-224	1.22		pCi/g	0.22	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Radium-224	1.21		pCi/g	0.19	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Radium-224	1.54		pCi/g	0.23	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Radium-224	1.52		pCi/g	0.25	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Radium-224	1.36		pCi/g	0.2	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Radium-224	1.74		pCi/g	0.26	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Radium-224	1.3		pCi/g	0.21	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Radium-224	1.4		pCi/g	0.22	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Radium-224	1.69		pCi/g	0.3	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Radium-224	1.45		pCi/g	0.25	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Radium-224	1.97		pCi/g	0.29	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Radium-224	1.38		pCi/g	0.23	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Radium-224	1.53		pCi/g	0.27	0.19	0.19	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Radium-224	1.89		pCi/g	0.27	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Radium-224	1.76		pCi/g	0.26	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Radium-224	1.54		pCi/g	0.26	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Radium-224	1.69		pCi/g	0.3	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Radium-224	1.27		pCi/g	0.2	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Radium-224	1.41		pCi/g	0.25	0.21	0.21	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Radium-224	1.62		pCi/g	0.28	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Radium-224	1.13		pCi/g	0.22	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Radium-224	1.72		pCi/g	0.3	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Radium-224	1.64		pCi/g	0.28	0.21	0.21	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Radium-224	1.3		pCi/g	0.23	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Radium-224	1.43		pCi/g	0.25	0.2	0.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Radium-224	1.58		pCi/g	0.24	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Radium-224	1.56		pCi/g	0.26	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Radium-224	1.26		pCi/g	0.23	0.17	0.17	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Radium-224	1.36		pCi/g	0.24	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Radium-224	1.49		pCi/g	0.26	0.17	0.17	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Radium-224	1.75		pCi/g	0.26	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Radium-224	1.45		pCi/g	0.22	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Radium-224	1.44		pCi/g	0.24	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Radium-224	1.65		pCi/g	0.25	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Radium-224	1.51		pCi/g	0.23	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Selenium	0.29	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Selenium	0.1579	U	mg/kg		0.51	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Selenium	0.27	J	mg/kg		0.5	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Selenium	0.1579	U	mg/kg		0.51	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Selenium	0.1579	U	mg/kg		0.51	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Selenium	0.32	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Selenium	0.36	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Selenium	0.1579	U	mg/kg		0.51	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Selenium	0.1579	U	mg/kg		0.51	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Selenium	0.3	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Selenium	0.36	J	mg/kg		0.51	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Selenium	0.1579	U	mg/kg		0.51	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Selenium	0.29	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Selenium	0.34	J	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Selenium	0.31	J	mg/kg		0.51	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Selenium	0.3	J	mg/kg		0.5	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Selenium	0.23	J	mg/kg		0.51	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Selenium	0.1579	U	mg/kg		0.51	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Selenium	0.33	J	mg/kg		0.5	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Selenium	0.39	J	mg/kg		0.53	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Selenium	0.27	J	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Selenium	0.34	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Selenium	0.1579	U	mg/kg		0.53	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Selenium	0.26	J	mg/kg		0.53	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Selenium	0.39	J	mg/kg		0.5	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Selenium	0.1579	U	mg/kg		0.53	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Selenium	0.1579	U	mg/kg		0.54	0.1579	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Selenium	0.37	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Selenium	0.37	J	mg/kg		0.63	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Selenium	0.1579	U	mg/kg		0.53	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Selenium	0.54		mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Selenium	0.1579	U	mg/kg		0.53	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Selenium	0.29	J	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Selenium	0.1579	U	mg/kg		0.53	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Selenium	0.37	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Selenium	0.27	J	mg/kg		0.51	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Selenium	0.1579	U	mg/kg		0.51	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Selenium	0.23	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Selenium	0.35	J	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Selenium	0.34	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Selenium	0.6		mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Selenium	0.1579	U	mg/kg		0.51	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Selenium	0.31	J	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Selenium	0.31	J	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Selenium	0.32	J	mg/kg		0.5	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Selenium	0.1579	U	mg/kg		0.53	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Selenium	0.27	J	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Selenium	0.1579	U	mg/kg		0.5	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Selenium	0.1579	U	mg/kg		0.5	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Selenium	0.1579	U	mg/kg		0.52	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Selenium	0.1579	U	mg/kg		0.51	0.1579	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Selenium	0.1579	U	mg/kg		0.51	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Selenium	0.1579	U	mg/kg		0.53	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Selenium	0.26	J	mg/kg		0.5	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Selenium	0.29	J	mg/kg		0.53	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Selenium	0.1579	U	mg/kg		0.53	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Selenium	0.1579	U	mg/kg		0.5	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Selenium	0.1579	U	mg/kg		0.53	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Selenium	0.1579	U	mg/kg		0.5	0.1579	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Selenium	0.1579	U	mg/kg		0.53	0.1579	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Selenium	0.1579	U	mg/kg		0.52	0.1579	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Silicon	3720		mg/kg		50.8	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Silicon	640		mg/kg		51.6	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Silicon	1300		mg/kg		51.1	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Silicon	2790		mg/kg		50.3	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Silicon	846		mg/kg		51.4	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Silicon	876		mg/kg		51.1	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Silicon	1240		mg/kg		50.7	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Silicon	806		mg/kg		51.6	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Silicon	831		mg/kg		51.6	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Silicon	2760		mg/kg		50.6	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Silicon	1090		mg/kg		51.1	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Silicon	1380		mg/kg		50.8	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Silicon	3580		mg/kg		50.6	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Silicon	1330		mg/kg		51.1	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Silicon	1120		mg/kg		50.9	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Silicon	3680		mg/kg		50.6	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Silicon	907		mg/kg		51.6	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Silicon	1300		mg/kg		51	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Silicon	2780		mg/kg		50.3	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Silicon	1230		mg/kg		51.1	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Silicon	1180		mg/kg		51.1	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Silicon	2490		mg/kg		50.3	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Silicon	782		mg/kg		52.5	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Silicon	683		mg/kg		51.7	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Silicon	3740		mg/kg		50.6	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Silicon	722		mg/kg		51.9	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Silicon	902		mg/kg		52.3	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Silicon	573	J	mg/kg		50.8	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Silicon	538	J	mg/kg		52.2	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Silicon	527	J	mg/kg		53.3	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Silicon	675	J	mg/kg		50.8	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Silicon	530	J	mg/kg		52.1	0.5289	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Silicon	535	J	mg/kg		52.5	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Silicon	562	J	mg/kg		50.8	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Silicon	1210		mg/kg		50.4	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Silicon	543	J	mg/kg		52.6	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Silicon	631	J	mg/kg		52.2	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Silicon	335	J	mg/kg		50.8	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Silicon	489	J	mg/kg		54	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Silicon	711		mg/kg		50.6	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Silicon	901		mg/kg		63.1	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Silicon	1120		mg/kg		52.8	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Silicon	342	J	mg/kg		51	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Silicon	844		mg/kg		50.7	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Silicon	774		mg/kg		52.5	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Silicon	1100		mg/kg		51.8	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Silicon	375	J	mg/kg		50.7	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Silicon	412		mg/kg		50.5	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Silicon	399		mg/kg		53.1	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Silicon	648		mg/kg		51.8	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Silicon	1300		mg/kg		50.6	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Silicon	887		mg/kg		51.2	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Silicon	687		mg/kg		51.3	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Silicon	1230		mg/kg		50.5	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Silicon	792		mg/kg		51.8	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Silicon	620		mg/kg		51.8	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Silicon	1210		mg/kg		50.6	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Silicon	742		mg/kg		52	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Silicon	712		mg/kg		51.8	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Silicon	4150		mg/kg		50.7	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Silicon	850		mg/kg		51.9	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Silicon	644		mg/kg		52	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Silicon	1240		mg/kg		50.5	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Silicon	949		mg/kg		51.4	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Silicon	538		mg/kg		52	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Silicon	1030		mg/kg		253	2.6445	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Silicon	1360		mg/kg		51.9	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Silicon	854		mg/kg		51.7	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Silicon	634		mg/kg		50.4	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Silicon	703		mg/kg		51.7	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Silicon	572		mg/kg		51.6	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Silicon	541		mg/kg		50.6	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Silicon	684		mg/kg		53.1	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Silicon	608		mg/kg		52.2	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Silicon	721		mg/kg		50.6	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Silicon	653		mg/kg		52.2	0.5289	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Silicon	610		mg/kg		51.6	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Silicon	519	J	mg/kg		50.3	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Silicon	476	J	mg/kg		52	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Silicon	423	J	mg/kg		52.2	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Silicon	409	J	mg/kg		50.3	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Silicon	719	J	mg/kg		52.3	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Silicon	449	J	mg/kg		51.4	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Silicon	620	J	mg/kg		50.7	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Silicon	497	J	mg/kg		53.1	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Silicon	428	J	mg/kg		52.5	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Silicon	1040		mg/kg		50.4	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Silicon	744		mg/kg		52.7	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Silicon	703		mg/kg		52.8	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Silicon	1060		mg/kg		50.5	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Silicon	462		mg/kg		52.6	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Silicon	435		mg/kg		52.1	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Silicon	686		mg/kg		50.4	0.5289	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Silicon	428		mg/kg		52.9	0.5289	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Silicon	551		mg/kg		51.9	0.5289	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Silver	0.2609	U	mg/kg		1	0.2609	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Silver	0.2609	U	mg/kg		1.1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Silver	0.2609	U	mg/kg		1.1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Silver	0.2609	U	mg/kg		1.1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Silver	0.2609	U	mg/kg		1.3	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Silver	0.2609	U	mg/kg		1.1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Silver	0.2609	U	mg/kg		1	0.2609	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Silver	0.2609	U	mg/kg		1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Silver	0.2609	U	mg/kg		1.1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Silver	0.2609	U	mg/kg		1.1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Silver	0.2609	U	mg/kg		1	0.2609	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Silver	0.2609	U	mg/kg		1.1	0.2609	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Silver	0.2609	U	mg/kg		1	0.2609	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Sodium	159		mg/kg		50.8	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Sodium	449		mg/kg		51.6	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Sodium	797		mg/kg		51.1	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Sodium	146		mg/kg		50.3	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Sodium	745		mg/kg		51.4	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Sodium	570		mg/kg		51.1	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Sodium	140		mg/kg		50.7	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Sodium	503		mg/kg		51.6	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Sodium	522		mg/kg		51.6	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Sodium	166		mg/kg		50.6	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Sodium	487		mg/kg		51.1	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Sodium	560		mg/kg		50.8	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Sodium	276		mg/kg		50.6	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Sodium	575		mg/kg		51.1	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Sodium	568		mg/kg		50.9	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Sodium	247		mg/kg		50.6	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Sodium	777		mg/kg		51.6	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Sodium	629		mg/kg		51	7.567	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Sodium	155		mg/kg		50.3	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Sodium	716		mg/kg		51.1	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Sodium	938		mg/kg		51.1	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Sodium	152		mg/kg		50.3	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Sodium	796		mg/kg		52.5	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Sodium	1190		mg/kg		51.7	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Sodium	160		mg/kg		50.6	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Sodium	821		mg/kg		51.9	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Sodium	815		mg/kg		52.3	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Sodium	515		mg/kg		50.8	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Sodium	730		mg/kg		52.2	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Sodium	668		mg/kg		53.3	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Sodium	372		mg/kg		50.8	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Sodium	660		mg/kg		52.1	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Sodium	784		mg/kg		52.5	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Sodium	279		mg/kg		50.8	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Sodium	309		mg/kg		50.4	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Sodium	617		mg/kg		52.6	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Sodium	712		mg/kg		52.2	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Sodium	175		mg/kg		50.8	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Sodium	338		mg/kg		54	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Sodium	138		mg/kg		50.6	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Sodium	417		mg/kg		63.1	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Sodium	453		mg/kg		52.8	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Sodium	155		mg/kg		51	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Sodium	146		mg/kg		50.7	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Sodium	307		mg/kg		52.5	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Sodium	360		mg/kg		51.8	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Sodium	169		mg/kg		50.7	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Sodium	140		mg/kg		50.5	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Sodium	316		mg/kg		53.1	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Sodium	455		mg/kg		51.8	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Sodium	585		mg/kg		50.6	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Sodium	1150		mg/kg		51.2	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Sodium	1060		mg/kg		51.3	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Sodium	551		mg/kg		50.5	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Sodium	1320		mg/kg		51.8	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Sodium	980		mg/kg		51.8	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Sodium	337		mg/kg		50.6	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Sodium	1070		mg/kg		52	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Sodium	852		mg/kg		51.8	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Sodium	589		mg/kg		50.7	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Sodium	502		mg/kg		51.9	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Sodium	502		mg/kg		52	7.567	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Sodium	134		mg/kg		50.5	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Sodium	179		mg/kg		51.4	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Sodium	669		mg/kg		52	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Sodium	693		mg/kg		50.5	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Sodium	720		mg/kg		51.9	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Sodium	662		mg/kg		51.7	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Sodium	214		mg/kg		50.4	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Sodium	406		mg/kg		51.7	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Sodium	615		mg/kg		51.6	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Sodium	132		mg/kg		50.6	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Sodium	536		mg/kg		53.1	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Sodium	630		mg/kg		52.2	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Sodium	200		mg/kg		50.6	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Sodium	428		mg/kg		52.2	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Sodium	542		mg/kg		51.6	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Sodium	410		mg/kg		50.3	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Sodium	303		mg/kg		52	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Sodium	213		mg/kg		52.2	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Sodium	128		mg/kg		50.3	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Sodium	413		mg/kg		52.3	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Sodium	196		mg/kg		51.4	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Sodium	357	J	mg/kg		50.7	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Sodium	451	J	mg/kg		53.1	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Sodium	329	J	mg/kg		52.5	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Sodium	151		mg/kg		50.4	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Sodium	914		mg/kg		52.7	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Sodium	937		mg/kg		52.8	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Sodium	170		mg/kg		50.5	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Sodium	436		mg/kg		52.6	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Sodium	773		mg/kg		52.1	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Sodium	153		mg/kg		50.4	7.567	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Sodium	682		mg/kg		52.9	7.567	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Sodium	802		mg/kg		51.9	7.567	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Strontium	145		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Strontium	209		mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Strontium	488		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Strontium	118		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Strontium	258		mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Strontium	356		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Strontium	147		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Strontium	219		mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Strontium	363		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Strontium	105		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Strontium	168		mg/kg		1	0.0735	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Strontium	202		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Strontium	188		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Strontium	209		mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Strontium	225		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Strontium	173		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Strontium	184	J-	mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Strontium	239	J-	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Strontium	145	J-	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Strontium	294	J-	mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Strontium	240	J-	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Strontium	144	J-	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Strontium	219	J-	mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Strontium	567	J-	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Strontium	127	J-	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Strontium	230	J-	mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Strontium	684	J-	mg/kg		1.1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Strontium	249	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Strontium	441	J	mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Strontium	267	J	mg/kg		1.1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Strontium	402	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Strontium	219	J	mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Strontium	406	J	mg/kg		1.1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Strontium	808	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Strontium	165	J-	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Strontium	182	J	mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Strontium	258	J	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Strontium	142	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Strontium	140	J	mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Strontium	113		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Strontium	87.9		mg/kg		1.3	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Strontium	124		mg/kg		1.1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Strontium	131	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Strontium	119		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Strontium	75.5		mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Strontium	117		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Strontium	166	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Strontium	108		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Strontium	77.8		mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Strontium	114		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Strontium	159	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Strontium	321	J	mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Strontium	379	J	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Strontium	163	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Strontium	347	J	mg/kg		1	0.0735	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Strontium	411	J	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Strontium	200	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Strontium	320	J	mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Strontium	394	J	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Strontium	190		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Strontium	244		mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Strontium	277		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Strontium	105	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Strontium	156		mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Strontium	496		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Strontium	129		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Strontium	253		mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Strontium	510		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Strontium	126	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Strontium	135	J	mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Strontium	211	J	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Strontium	97.7	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Strontium	158	J	mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Strontium	160	J	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Strontium	119	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Strontium	159	J	mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Strontium	177	J	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Strontium	192	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Strontium	260	J	mg/kg		1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Strontium	153	J	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Strontium	143	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Strontium	364	J	mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Strontium	149	J	mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Strontium	203	J	mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Strontium	229	J	mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Strontium	206	J	mg/kg		1.1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Strontium	149		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Strontium	225		mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Strontium	461		mg/kg		1.1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Strontium	133		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Strontium	178		mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Strontium	408		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Strontium	126		mg/kg		1	0.0735	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Strontium	211		mg/kg		1.1	0.0735	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Strontium	342		mg/kg		1	0.0735	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Sulfate	3	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Sulfate	34.1		mg/kg		5.2	0.63	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Sulfate	1430		mg/kg		102	12.5	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Sulfate	10.5		mg/kg		5	0.62	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Sulfate	42.8		mg/kg		5.1	0.63	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Sulfate	208		mg/kg		51.1	6.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Sulfate	1.7	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Sulfate	10.7		mg/kg		5.2	0.63	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Sulfate	124		mg/kg		51.6	6.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Sulfate	21.9		mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Sulfate	678		mg/kg		255	31.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Sulfate	21.2		mg/kg		5.1	0.62	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Sulfate	124		mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Sulfate	180		mg/kg		5.1	0.63	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Sulfate	49.8		mg/kg		5.1	0.62	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Sulfate	15.9		mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Sulfate	311		mg/kg		51.6	6.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Sulfate	17.7		mg/kg		5.1	0.62	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Sulfate	2.2	U	mg/kg		5	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Sulfate	143		mg/kg		5.1	0.63	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Sulfate	107		mg/kg		5.1	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Sulfate	3.5	U	mg/kg		5	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Sulfate	3240		mg/kg		263	32.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Sulfate	4130		mg/kg		259	31.6	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Sulfate	4.4	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Sulfate	125		mg/kg		5.2	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Sulfate	1440		mg/kg		261	32	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Sulfate	1.6	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Sulfate	15.1	J	mg/kg		5.2	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Sulfate	49.3	J	mg/kg		5.3	0.65	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Sulfate	3.3	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Sulfate	49.2	J	mg/kg		5.2	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Sulfate	160	J	mg/kg		5.3	0.64	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Sulfate	1.6	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Sulfate	5.2	J	mg/kg		5	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Sulfate	7.5	J	mg/kg		5.3	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Sulfate	83.5	J	mg/kg		5.2	0.64	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Sulfate	3	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Sulfate	132		mg/kg		5.4	0.66	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Sulfate	1	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Sulfate	2.2	U	mg/kg		6.3	0.77	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Sulfate	10.8		mg/kg		5.3	0.65	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Sulfate	2.8	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Sulfate	0.86	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Sulfate	3.1	U	mg/kg		5.3	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Sulfate	8.6		mg/kg		5.2	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Sulfate	4.4	U	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Sulfate	0.612	U	mg/kg		5.1	0.62	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Sulfate	7.2		mg/kg		5.3	0.65	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Sulfate	11.3		mg/kg		5.2	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Sulfate	29.2		mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Sulfate	320		mg/kg		51.2	6.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Sulfate	44.2	B	mg/kg		51.3	6.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Sulfate	23.3		mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Sulfate	361		mg/kg		104	12.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Sulfate	32.4		mg/kg		5.2	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Sulfate	3.4	B	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Sulfate	102		mg/kg		5.2	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Sulfate	14.8		mg/kg		5.2	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Sulfate	570		mg/kg		50.7	6.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Sulfate	182		mg/kg		5.2	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Sulfate	48.5		mg/kg		5.2	0.64	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Sulfate	2.9	B	mg/kg		5	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Sulfate	9		mg/kg		5.1	0.63	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Sulfate	14.1		mg/kg		5.2	0.64	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Sulfate	115		mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Sulfate	164		mg/kg		5.2	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Sulfate	27.3		mg/kg		5.2	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Sulfate	4.5	B	mg/kg		5	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Sulfate	5	B	mg/kg		5.2	0.63	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Sulfate	108		mg/kg		5.2	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Sulfate	2.2	B	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Sulfate	62.3		mg/kg		5.3	0.65	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Sulfate	641		mg/kg		52.2	6.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Sulfate	2.1	B	mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Sulfate	4.3	B	mg/kg		5.2	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Sulfate	73.1		mg/kg		5.2	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Sulfate	857		mg/kg		50.3	6.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Sulfate	202		mg/kg		5.2	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Sulfate	147		mg/kg		5.2	0.64	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Sulfate	318	J	mg/kg		50.3	6.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Sulfate	419		mg/kg		52.3	6.4	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Sulfate	63.7		mg/kg		51.4	6.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Sulfate	5.1		mg/kg		5.1	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Sulfate	108		mg/kg		5.3	0.65	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Sulfate	22.6		mg/kg		5.2	0.64	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Sulfate	1.2	U	mg/kg		5	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Sulfate	45		mg/kg		5.3	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Sulfate	86.6		mg/kg		5.3	0.65	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Sulfate	1.2	U	mg/kg		5	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Sulfate	4.4	U	mg/kg		5.3	0.64	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Sulfate	62.6		mg/kg		5.2	0.64	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Sulfate	1.4	U	mg/kg		5	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Sulfate	84.4		mg/kg		5.3	0.65	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Sulfate	139		mg/kg		5.2	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Thallium	0.59	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Thallium	0.32	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Thallium	0.44	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Thallium	0.6	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Thallium	0.29	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Thallium	0.21	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Thallium	0.52	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Thallium	0.25	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Thallium	0.29	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Thallium	0.68	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Thallium	0.79	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Thallium	0.47	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Thallium	0.2	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Thallium	0.61	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Thallium	0.5428	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Thallium	0.52	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Thallium	0.56	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Thallium	0.38	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Thallium	0.96	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Thallium	0.28	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Thallium	0.24	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Thallium	0.43	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Thallium	0.59	U	mg/kg		1.1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Thallium	0.21	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Thallium	0.63	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Thallium	0.59	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Thallium	0.5428	U	mg/kg		1.1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Thallium	1.5		mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Thallium	1.8		mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Thallium	1.5		mg/kg		1.1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Thallium	1.7		mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Thallium	1.4		mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Thallium	1.5		mg/kg		1.1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Thallium	1.3		mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Thallium	0.5	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Thallium	1.8		mg/kg		1.1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Thallium	1.2		mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Thallium	1	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Thallium	1.8		mg/kg		1.1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Thallium	1.4		mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Thallium	1	U	mg/kg		1.3	0.5428	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Thallium	1.6		mg/kg		1.1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Thallium	1.1		mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Thallium	1.5		mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Thallium	0.4	U	mg/kg		1.1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Thallium	0.58	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Thallium	1.1		mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Thallium	0.5428	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Thallium	0.5	U	mg/kg		1.1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Thallium	0.5428	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Thallium	0.57	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Thallium	0.5428	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Thallium	0.5428	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Thallium	0.6	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Thallium	0.5428	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Thallium	0.36	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Thallium	0.5428	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Thallium	0.5428	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Thallium	0.5428	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Thallium	0.2	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Thallium	0.5428	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Thallium	0.39	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Thallium	1.1		mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Thallium	0.74	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Thallium	0.76	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Thallium	0.74	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Thallium	0.5428	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Thallium	0.5428	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Thallium	0.54	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Thallium	0.47	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Thallium	0.43	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Thallium	0.6	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Thallium	0.51	U	mg/kg		1.1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Thallium	0.4	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Thallium	0.87	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Thallium	0.48	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Thallium	0.66	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Thallium	1.2		mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Thallium	0.98	U	mg/kg		1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Thallium	1.2		mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Thallium	0.75	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Thallium	0.71	U	mg/kg		1.1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Thallium	1.1		mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Thallium	1.7		mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Thallium	1.1	U	mg/kg		1.1	0.5428	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Thallium	1.2		mg/kg		1.1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Thallium	1	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Thallium	0.5428	U	mg/kg		1.1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Thallium	0.38	U	mg/kg		1.1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Thallium	0.5428	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Thallium	0.5428	U	mg/kg		1.1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Thallium	0.5428	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Thallium	0.25	U	mg/kg		1	0.5428	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Thallium	0.5428	U	mg/kg		1.1	0.5428	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Thallium	0.5428	U	mg/kg		1	0.5428	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Thallium-207	-0.19	U	pCi/g	0.46	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Thallium-207	-0.29	U	pCi/g	0.43	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Thallium-207	-0.41	U	pCi/g	0.45	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Thallium-207	0.1	U	pCi/g	0.48	0.85	0.85	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Thallium-207	-0.003	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Thallium-207	-0.36	U	pCi/g	0.46	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Thallium-207	-0.02	U	pCi/g	0.48	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Thallium-207	-0.17	U	pCi/g	0.51	0.87	0.87	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Thallium-207	0.24	U	pCi/g	0.52	0.93	0.93	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Thallium-207	0.34	U	pCi/g	0.44	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Thallium-207	0.14	U	pCi/g	0.47	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Thallium-207	-0.11	U	pCi/g	0.42	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Thallium-207	0.08	U	pCi/g	0.45	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Thallium-207	0.23	U	pCi/g	0.48	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Thallium-207	0.15	U	pCi/g	0.42	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Thallium-207	0.2	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Thallium-207	0.36	U	pCi/g	0.47	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Thallium-207	-0.09	U	pCi/g	0.43	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Thallium-207	0.38	U	pCi/g	0.52	0.97	0.97	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Thallium-207	-0.38	U	pCi/g	0.51	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Thallium-207	-0.19	U	pCi/g	0.45	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Thallium-207	0.27	U	pCi/g	0.45	0.82	0.82	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Thallium-207	0.02	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Thallium-207	-0.16	U	pCi/g	0.37	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Thallium-207	0.13	U	pCi/g	0.48	0.87	0.87	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Thallium-207	0.13	U	pCi/g	0.43	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Thallium-207	-0.27	U	pCi/g	0.48	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Thallium-207	-0.22	U	pCi/g	0.41	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Thallium-207	-0.11	U	pCi/g	0.36	0.62	0.62	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Thallium-207	-0.25	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Thallium-207	0.06	U	pCi/g	0.41	0.74	0.74	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Thallium-207	-0.15	U	pCi/g	0.39	0.66	0.66	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Thallium-207	0.12	U	pCi/g	0.34	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Thallium-207	-0.27	U	pCi/g	0.41	0.68	0.68	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Thallium-207	-0.42	U	pCi/g	0.42	0.66	0.66	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Thallium-207	0.15	U	pCi/g	0.38	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Thallium-207	0.04	U	pCi/g	0.44	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Thallium-207	0.36	U	pCi/g	0.41	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Thallium-207	0.3	U	pCi/g	0.52	0.95	0.95	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Thallium-207	0.23	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Thallium-207	0.13	U	pCi/g	0.45	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Thallium-207	-0.03	U	pCi/g	0.43	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Thallium-207	0.008	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Thallium-207	-0.05	U	pCi/g	0.41	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Thallium-207	-0.13	U	pCi/g	0.41	0.71	0.71	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Thallium-207	0.02	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Thallium-207	0.06	U	pCi/g	0.44	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Thallium-207	-0.28	U	pCi/g	0.46	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Thallium-207	0.21	U	pCi/g	0.47	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Thallium-207	-0.02	U	pCi/g	0.49	0.87	0.87	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Thallium-207	-0.29	U	pCi/g	0.51	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Thallium-207	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Thallium-207	-0.07	U	pCi/g	0.44	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Thallium-207	0.2	U	pCi/g	0.4	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Thallium-207	-0.02	U	pCi/g	0.42	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Thallium-207	0.11	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Thallium-207	-0.27	U	pCi/g	0.41	0.69	0.69	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Thallium-207	-0.32	U	pCi/g	0.43	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Thallium-207	-0.37	U	pCi/g	0.46	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Thallium-207	-0.13	U	pCi/g	0.45	0.78	0.78	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Thallium-207	0.12	U	pCi/g	0.46	0.84	0.84	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Thallium-207	-0.11	U	pCi/g	0.42	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Thallium-207	0.03	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Thallium-207	-0.05	U	pCi/g	0.38	0.68	0.68	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Thallium-207	-0.24	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Thallium-207	-0.18	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Thallium-207	-0.11	U	pCi/g	0.47	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Thallium-207	-0.12	U	pCi/g	0.4	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Thallium-207	0.13	U	pCi/g	0.44	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Thallium-207	-0.24	U	pCi/g	0.44	0.74	0.74	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Thallium-207	-0.17	U	pCi/g	0.49	0.83	0.83	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Thallium-207	-0.32	U	pCi/g	0.35	0.58	0.58	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Thallium-207	0.03	U	pCi/g	0.48	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Thallium-207	-0.27	U	pCi/g	0.45	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Thallium-207	0.14	U	pCi/g	0.46	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Thallium-207	0.13	U	pCi/g	0.42	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Thallium-207	0.37	U	pCi/g	0.49	0.91	0.91	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Thallium-207	-0.29	U	pCi/g	0.38	0.62	0.62	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Thallium-207	-0.52	U	pCi/g	0.47	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Thallium-207	0.31	U	pCi/g	0.4	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Thallium-207	-0.49	U	pCi/g	0.38	0.59	0.59	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Thallium-207	0.4	U	pCi/g	0.49	0.93	0.93	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Thallium-207	-0.33	U	pCi/g	0.44	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Thallium-207	-0.06	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Thallium-207	-0.29	U	pCi/g	0.47	0.77	0.77	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Thallium-207	-0.1	U	pCi/g	0.39	0.68	0.68	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Thallium-207	0.26	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Thallium-207	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Thallium-207	0.03	U	pCi/g	0.46	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Thallium-207	-0.15	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Thallium-207	0.06	U	pCi/g	0.42	0.75	0.75	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Thallium-207	-0.04	U	pCi/g	0.39	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Thallium-207	0.03	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Thallium-207	-0.2	U	pCi/g	0.51	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Thallium-207	-0.06	U	pCi/g	0.4	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Thallium-208	0.5		pCi/g	0.16	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Thallium-208	0.58		pCi/g	0.14	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Thallium-208	0.42		pCi/g	0.15	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Thallium-208	0.66		pCi/g	0.16	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Thallium-208	0.64		pCi/g	0.15	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Thallium-208	0.68		pCi/g	0.15	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Thallium-208	0.7		pCi/g	0.16	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Thallium-208	0.6		pCi/g	0.16	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Thallium-208	0.55		pCi/g	0.13	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Thallium-208	0.58		pCi/g	0.15	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Thallium-208	0.65		pCi/g	0.15	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Thallium-208	0.54		pCi/g	0.14	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Thallium-208	0.62		pCi/g	0.15	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Thallium-208	0.66		pCi/g	0.16	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Thallium-208	0.6		pCi/g	0.13	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Thallium-208	0.63		pCi/g	0.13	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Thallium-208	0.58		pCi/g	0.14	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Thallium-208	0.62		pCi/g	0.14	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Thallium-208	0.68		pCi/g	0.16	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Thallium-208	0.6		pCi/g	0.16	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Thallium-208	0.5		pCi/g	0.13	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Thallium-208	0.48		pCi/g	0.13	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Thallium-208	0.57		pCi/g	0.14	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Thallium-208	0.49		pCi/g	0.13	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Thallium-208	0.67		pCi/g	0.15	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Thallium-208	0.53		pCi/g	0.13	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Thallium-208	0.52		pCi/g	0.13	0.09	0.09	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Thallium-208	0.49		pCi/g	0.14	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Thallium-208	0.4		pCi/g	0.12	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Thallium-208	0.45		pCi/g	0.13	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Thallium-208	0.48		pCi/g	0.12	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Thallium-208	0.43		pCi/g	0.11	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Thallium-208	0.39		pCi/g	0.1	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Thallium-208	0.41		pCi/g	0.13	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Thallium-208	0.49		pCi/g	0.12	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Thallium-208	0.48		pCi/g	0.11	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Thallium-208	0.39		pCi/g	0.13	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Thallium-208	0.69		pCi/g	0.15	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Thallium-208	0.6		pCi/g	0.15	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Thallium-208	0.53		pCi/g	0.14	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Thallium-208	0.63		pCi/g	0.14	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Thallium-208	0.67		pCi/g	0.14	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Thallium-208	0.72		pCi/g	0.16	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Thallium-208	0.56		pCi/g	0.15	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Thallium-208	0.6		pCi/g	0.13	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Thallium-208	0.68		pCi/g	0.17	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Thallium-208	0.6		pCi/g	0.15	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Thallium-208	0.61		pCi/g	0.14	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Thallium-208	0.66		pCi/g	0.15	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Thallium-208	0.72		pCi/g	0.17	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Thallium-208	0.59		pCi/g	0.14	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Thallium-208	0.44		pCi/g	0.1	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Thallium-208	0.61		pCi/g	0.14	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Thallium-208	0.69		pCi/g	0.15	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Thallium-208	0.43		pCi/g	0.13	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Thallium-208	0.37		pCi/g	0.11	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Thallium-208	0.5		pCi/g	0.12	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Thallium-208	0.48		pCi/g	0.12	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Thallium-208	0.48		pCi/g	0.13	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Thallium-208	0.57		pCi/g	0.15	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Thallium-208	0.45		pCi/g	0.13	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Thallium-208	0.4		pCi/g	0.11	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Thallium-208	0.58		pCi/g	0.14	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Thallium-208	0.57		pCi/g	0.14	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Thallium-208	0.41		pCi/g	0.11	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Thallium-208	0.69		pCi/g	0.15	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Thallium-208	0.48		pCi/g	0.12	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Thallium-208	0.53		pCi/g	0.12	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Thallium-208	0.61		pCi/g	0.15	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Thallium-208	0.6		pCi/g	0.16	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Thallium-208	0.64		pCi/g	0.14	0.09	0.09	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Thallium-208	0.5		pCi/g	0.12	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Thallium-208	0.64		pCi/g	0.14	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Thallium-208	0.58		pCi/g	0.15	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Thallium-208	0.62		pCi/g	0.14	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Thallium-208	0.56		pCi/g	0.13	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Thallium-208	0.57		pCi/g	0.14	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Thallium-208	0.47		pCi/g	0.12	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Thallium-208	0.61		pCi/g	0.13	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Thallium-208	0.71		pCi/g	0.16	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Thallium-208	0.46		pCi/g	0.11	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Thallium-208	0.52		pCi/g	0.15	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Thallium-208	0.59		pCi/g	0.15	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Thallium-208	0.47		pCi/g	0.14	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Thallium-208	0.61		pCi/g	0.16	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Thallium-208	0.55		pCi/g	0.13	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Thallium-208	0.59		pCi/g	0.14	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Thallium-208	0.57		pCi/g	0.13	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Thallium-208	0.53		pCi/g	0.13	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Thallium-208	0.51		pCi/g	0.13	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Thallium-208	0.61		pCi/g	0.14	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Thallium-208	0.43		pCi/g	0.13	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Thallium-208	0.51		pCi/g	0.13	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Thallium-208	0.57		pCi/g	0.14	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Thallium-208	0.41		pCi/g	0.12	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Thorium-227	-0.19	U	pCi/g	0.46	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Thorium-227	-0.29	U	pCi/g	0.43	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Thorium-227	-0.41	U	pCi/g	0.45	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Thorium-227	0.1	U	pCi/g	0.48	0.85	0.85	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Thorium-227	-0.003	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Thorium-227	-0.36	U	pCi/g	0.46	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Thorium-227	-0.02	U	pCi/g	0.48	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Thorium-227	-0.17	U	pCi/g	0.51	0.87	0.87	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Thorium-227	0.24	U	pCi/g	0.52	0.93	0.93	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Thorium-227	0.34	U	pCi/g	0.44	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Thorium-227	0.14	U	pCi/g	0.47	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Thorium-227	-0.11	U	pCi/g	0.42	0.72	0.72	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Thorium-227	0.08	U	pCi/g	0.45	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Thorium-227	0.23	U	pCi/g	0.48	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Thorium-227	0.15	U	pCi/g	0.42	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Thorium-227	0.2	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Thorium-227	0.36	U	pCi/g	0.47	0.86	0.86	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Thorium-227	-0.09	U	pCi/g	0.43	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Thorium-227	0.38	U	pCi/g	0.52	0.97	0.97	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Thorium-227	-0.38	U	pCi/g	0.51	0.83	0.83	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Thorium-227	-0.19	U	pCi/g	0.45	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Thorium-227	0.27	U	pCi/g	0.45	0.82	0.82	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Thorium-227	0.02	U	pCi/g	0.51	0.88	0.88	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Thorium-227	-0.16	U	pCi/g	0.37	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Thorium-227	0.13	U	pCi/g	0.48	0.87	0.87	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Thorium-227	0.13	U	pCi/g	0.43	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Thorium-227	-0.27	U	pCi/g	0.48	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Thorium-227	-0.22	U	pCi/g	0.41	0.7	0.7	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Thorium-227	-0.11	U	pCi/g	0.36	0.62	0.62	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Thorium-227	-0.25	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Thorium-227	0.06	U	pCi/g	0.41	0.74	0.74	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Thorium-227	-0.15	U	pCi/g	0.39	0.66	0.66	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Thorium-227	0.12	U	pCi/g	0.34	0.63	0.63	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Thorium-227	-0.27	U	pCi/g	0.41	0.68	0.68	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Thorium-227	-0.42	U	pCi/g	0.42	0.66	0.66	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Thorium-227	0.15	U	pCi/g	0.38	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Thorium-227	0.04	U	pCi/g	0.44	0.78	0.78	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Thorium-227	0.36	U	pCi/g	0.41	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Thorium-227	0.3	U	pCi/g	0.52	0.95	0.95	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Thorium-227	0.23	U	pCi/g	0.43	0.77	0.77	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Thorium-227	0.13	U	pCi/g	0.45	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Thorium-227	-0.03	U	pCi/g	0.43	0.76	0.76	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Thorium-227	0.008	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Thorium-227	-0.05	U	pCi/g	0.41	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Thorium-227	-0.13	U	pCi/g	0.41	0.71	0.71	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Thorium-227	0.02	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Thorium-227	0.06	U	pCi/g	0.44	0.79	0.79	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Thorium-227	-0.28	U	pCi/g	0.46	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Thorium-227	0.21	U	pCi/g	0.47	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Thorium-227	-0.02	U	pCi/g	0.49	0.87	0.87	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Thorium-227	-0.29	U	pCi/g	0.51	0.84	0.84	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Thorium-227	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Thorium-227	-0.07	U	pCi/g	0.44	0.77	0.77	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Thorium-227	0.2	U	pCi/g	0.4	0.73	0.73	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Thorium-227	-0.02	U	pCi/g	0.42	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Thorium-227	0.11	U	pCi/g	0.46	0.82	0.82	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Thorium-227	-0.27	U	pCi/g	0.41	0.69	0.69	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Thorium-227	-0.32	U	pCi/g	0.43	0.7	0.7	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Thorium-227	-0.37	U	pCi/g	0.46	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Thorium-227	-0.13	U	pCi/g	0.45	0.78	0.78	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Thorium-227	0.12	U	pCi/g	0.46	0.84	0.84	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Thorium-227	-0.11	U	pCi/g	0.42	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Thorium-227	0.03	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Thorium-227	-0.05	U	pCi/g	0.38	0.68	0.68	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Thorium-227	-0.24	U	pCi/g	0.4	0.67	0.67	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Thorium-227	-0.18	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Thorium-227	-0.11	U	pCi/g	0.47	0.8	0.8	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Thorium-227	-0.12	U	pCi/g	0.4	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Thorium-227	0.13	U	pCi/g	0.44	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Thorium-227	-0.24	U	pCi/g	0.44	0.74	0.74	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Thorium-227	-0.17	U	pCi/g	0.49	0.83	0.83	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Thorium-227	-0.32	U	pCi/g	0.35	0.58	0.58	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Thorium-227	0.03	U	pCi/g	0.48	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Thorium-227	-0.27	U	pCi/g	0.45	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Thorium-227	0.14	U	pCi/g	0.46	0.81	0.81	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Thorium-227	0.13	U	pCi/g	0.42	0.76	0.76	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Thorium-227	0.37	U	pCi/g	0.49	0.91	0.91	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Thorium-227	-0.29	U	pCi/g	0.38	0.62	0.62	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Thorium-227	-0.52	U	pCi/g	0.47	0.72	0.72	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Thorium-227	0.31	U	pCi/g	0.4	0.75	0.75	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Thorium-227	-0.49	U	pCi/g	0.38	0.59	0.59	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Thorium-227	0.4	U	pCi/g	0.49	0.93	0.93	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Thorium-227	-0.33	U	pCi/g	0.44	0.73	0.73	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Thorium-227	-0.06	U	pCi/g	0.43	0.76	0.76	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Thorium-227	-0.29	U	pCi/g	0.47	0.77	0.77	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Thorium-227	-0.1	U	pCi/g	0.39	0.68	0.68	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Thorium-227	0.26	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Thorium-227	-0.07	U	pCi/g	0.38	0.67	0.67	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Thorium-227	0.03	U	pCi/g	0.46	0.8	0.8	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Thorium-227	-0.15	U	pCi/g	0.42	0.72	0.72	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Thorium-227	0.06	U	pCi/g	0.42	0.75	0.75	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Thorium-227	-0.04	U	pCi/g	0.39	0.69	0.69	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Thorium-227	0.03	U	pCi/g	0.45	0.8	0.8	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Thorium-227	-0.2	U	pCi/g	0.51	0.85	0.85	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Thorium-227	-0.06	U	pCi/g	0.4	0.71	0.71	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Thorium-228	2.09		pCi/g	0.46	0.23	0.23	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Thorium-228	1.83		pCi/g	0.34	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Thorium-228	1.5		pCi/g	0.3	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Thorium-228	1.67		pCi/g	0.33	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Thorium-228	1.91		pCi/g	0.35	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Thorium-228	1.38		pCi/g	0.28	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Thorium-228	2.28		pCi/g	0.44	0.29	0.29	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Thorium-228	1.95		pCi/g	0.39	0.26	0.26	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Thorium-228	1.38		pCi/g	0.31	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Thorium-228	2.09		pCi/g	0.43	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Thorium-228	1.97		pCi/g	0.42	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Thorium-228	1.86		pCi/g	0.4	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Thorium-228	1.66		pCi/g	0.31	0.09	0.09	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Thorium-228	2.03		pCi/g	0.44	0.3	0.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Thorium-228	1.56		pCi/g	0.36	0.28	0.28	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Thorium-228	1.9		pCi/g	0.42	0.21	0.21	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Thorium-228	2.08		pCi/g	0.36	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Thorium-228	1.97		pCi/g	0.34	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Thorium-228	1.89		pCi/g	0.39	0.19	0.19	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Thorium-228	1.85		pCi/g	0.44	0.22	0.22	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Thorium-228	1.81		pCi/g	0.48	0.25	0.25	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Thorium-228	1.52		pCi/g	0.35	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Thorium-228	1.93		pCi/g	0.35	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Thorium-228	1.47		pCi/g	0.35	0.27	0.27	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Thorium-228	2.09		pCi/g	0.48	0.35	0.35	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Thorium-228	2.14		pCi/g	0.47	0.24	0.24	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Thorium-228	1.38		pCi/g	0.36	0.31	0.31	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Thorium-228	1.15		pCi/g	0.26	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Thorium-228	1.33		pCi/g	0.29	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Thorium-228	1.43		pCi/g	0.29	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Thorium-228	1.85		pCi/g	0.38	0.25	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Thorium-228	1.63		pCi/g	0.31	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Thorium-228	1.27		pCi/g	0.33	0.28	0.28	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Thorium-228	1.76		pCi/g	0.33	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Thorium-228	1.41		pCi/g	0.29	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Thorium-228	1.4		pCi/g	0.32	0.16	0.16	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Thorium-228	1.82		pCi/g	0.34	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Thorium-228	2.01		pCi/g	0.39	0.27	0.27	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Thorium-228	2.03		pCi/g	0.36	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Thorium-228	1.71		pCi/g	0.44	0.34	0.34	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Thorium-228	2.15		pCi/g	0.41	0.27	0.27	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Thorium-228	2.11		pCi/g	0.38	0.16	0.16	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Thorium-228	1.65		pCi/g	0.34	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Thorium-228	1.55		pCi/g	0.27	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Thorium-228	2.06		pCi/g	0.35	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Thorium-228	1.91		pCi/g	0.33	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Thorium-228	1.99		pCi/g	0.43	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Thorium-228	1.93		pCi/g	0.33	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Thorium-228	2.09		pCi/g	0.33	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Thorium-228	1.66		pCi/g	0.31	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Thorium-228	1.67		pCi/g	0.31	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Thorium-228	1.79		pCi/g	0.39	0.29	0.29	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Thorium-228	1.5		pCi/g	0.34	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Thorium-228	2.09		pCi/g	0.37	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Thorium-228	1.62		pCi/g	0.32	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Thorium-228	1.64		pCi/g	0.32	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Thorium-228	1.96		pCi/g	0.37	0.15	0.15	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Thorium-228	1.41		pCi/g	0.3	0.14	0.14	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Thorium-228	1.5		pCi/g	0.35	0.18	0.18	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Thorium-228	1.83		pCi/g	0.39	0.27	0.27	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Thorium-228	1.34		pCi/g	0.36	0.3	0.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Thorium-228	1.16		pCi/g	0.26	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Thorium-228	1.82		pCi/g	0.32	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Thorium-228	1.61		pCi/g	0.33	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Thorium-228	1.42		pCi/g	0.32	0.24	0.24	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Thorium-228	1.88		pCi/g	0.38	0.18	0.18	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Thorium-228	1.5		pCi/g	0.37	0.21	0.21	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Thorium-228	1.22		pCi/g	0.33	0.19	0.19	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Thorium-228	1.85		pCi/g	0.33	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Thorium-228	1.97		pCi/g	0.43	0.31	0.31	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Thorium-228	1.86		pCi/g	0.37	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Thorium-228	1.8		pCi/g	0.36	0.17	0.17	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Thorium-228	1.79		pCi/g	0.37	0.18	0.18	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Thorium-228	1.91		pCi/g	0.42	0.19	0.19	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Thorium-228	1.74		pCi/g	0.35	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Thorium-228	1.87		pCi/g	0.33	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Thorium-228	1.84		pCi/g	0.38	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Thorium-228	1.5		pCi/g	0.32	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Thorium-228	1.82		pCi/g	0.34	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Thorium-228	1.37		pCi/g	0.61	0.61	0.61	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Thorium-228	1.77		pCi/g	0.35	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Thorium-228	1.98		pCi/g	0.44	0.32	0.32	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Thorium-228	1.78		pCi/g	0.35	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Thorium-228	1.9		pCi/g	0.38	0.25	0.25	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Thorium-228	1.67		pCi/g	0.32	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Thorium-228	2.13		pCi/g	0.39	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Thorium-228	1.92		pCi/g	0.38	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Thorium-228	1.31		pCi/g	0.28	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Thorium-228	1.6		pCi/g	0.33	0.15	0.15	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Thorium-228	1.62		pCi/g	0.29	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Thorium-228	1.73		pCi/g	0.32	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Thorium-228	1.45		pCi/g	0.28	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Thorium-228	1.72		pCi/g	0.3	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Thorium-228	1.65		pCi/g	0.31	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Thorium-228	1.28		pCi/g	0.25	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Thorium-230	1.25		pCi/g	0.32	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Thorium-230	1.28		pCi/g	0.27	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Thorium-230	1.55		pCi/g	0.3	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Thorium-230	1.42		pCi/g	0.29	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Thorium-230	1.2		pCi/g	0.26	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Thorium-230	1.65		pCi/g	0.3	0.05	0.05	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Thorium-230	1.24		pCi/g	0.27	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Thorium-230	1.09		pCi/g	0.25	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Thorium-230	1.62		pCi/g	0.32	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Thorium-230	1.7		pCi/g	0.37	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Thorium-230	1.15		pCi/g	0.29	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Thorium-230	1.56		pCi/g	0.35	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Thorium-230	1.21		pCi/g	0.25	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Thorium-230	1.07		pCi/g	0.27	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Thorium-230	1.03		pCi/g	0.24	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Thorium-230	1.41		pCi/g	0.33	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Thorium-230	1.46		pCi/g	0.29	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Thorium-230	1.1		pCi/g	0.24	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Thorium-230	1.22		pCi/g	0.29	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Thorium-230	1.67		pCi/g	0.4	0.13	0.13	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Thorium-230	1.5		pCi/g	0.41	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Thorium-230	0.99	J	pCi/g	0.26	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Thorium-230	1.11		pCi/g	0.25	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Thorium-230	1.57		pCi/g	0.32	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Thorium-230	1.55		pCi/g	0.35	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Thorium-230	1.7		pCi/g	0.39	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Thorium-230	2.24		pCi/g	0.4	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Thorium-230	0.88	J	pCi/g	0.21	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Thorium-230	0.92	J	pCi/g	0.23	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Thorium-230	0.98	J	pCi/g	0.23	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Thorium-230	0.77	J	pCi/g	0.21	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Thorium-230	0.95	J	pCi/g	0.22	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Thorium-230	0.81	J	pCi/g	0.21	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Thorium-230	0.86	J	pCi/g	0.21	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Thorium-230	0.82	J	pCi/g	0.21	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Thorium-230	1.05		pCi/g	0.26	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Thorium-230	0.92	J	pCi/g	0.23	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Thorium-230	0.93	J	pCi/g	0.23	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Thorium-230	1.08		pCi/g	0.24	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Thorium-230	1		pCi/g	0.28	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Thorium-230	1.19		pCi/g	0.26	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Thorium-230	0.97	J	pCi/g	0.23	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Thorium-230	1.15		pCi/g	0.26	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Thorium-230	0.73	J	pCi/g	0.18	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Thorium-230	1.42		pCi/g	0.28	0.03	0.03	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Thorium-230	0.98	J	pCi/g	0.22	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Thorium-230	0.93	J	pCi/g	0.26	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Thorium-230	0.94	J	pCi/g	0.21	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Thorium-230	1.32		pCi/g	0.25	0.03	0.03	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Thorium-230	1.16		pCi/g	0.25	0.03	0.03	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Thorium-230	1.23		pCi/g	0.26	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Thorium-230	1.21		pCi/g	0.27	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Thorium-230	1.92		pCi/g	0.37	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Thorium-230	1.26		pCi/g	0.27	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Thorium-230	1.18		pCi/g	0.25	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Thorium-230	1.45		pCi/g	0.29	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Thorium-230	1.33		pCi/g	0.29	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Thorium-230	1.5		pCi/g	0.3	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Thorium-230	1.61		pCi/g	0.35	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Thorium-230	1.36		pCi/g	0.29	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Thorium-230	1.73		pCi/g	0.34	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Thorium-230	1.81		pCi/g	0.32	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Thorium-230	1.15		pCi/g	0.24	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Thorium-230	1.49		pCi/g	0.31	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Thorium-230	1.67		pCi/g	0.31	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Thorium-230	1.24		pCi/g	0.29	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Thorium-230	2.44		pCi/g	0.46	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Thorium-230	2.15		pCi/g	0.43	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Thorium-230	1.16		pCi/g	0.25	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Thorium-230	1.21		pCi/g	0.28	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Thorium-230	1.22		pCi/g	0.28	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Thorium-230	0.95	J	pCi/g	0.24	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Thorium-230	1.16		pCi/g	0.28	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Thorium-230	1.23		pCi/g	0.31	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Thorium-230	1.35		pCi/g	0.3	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Thorium-230	1.27		pCi/g	0.26	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Thorium-230	1.66		pCi/g	0.35	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Thorium-230	0.92	J	pCi/g	0.23	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Thorium-230	1.13		pCi/g	0.26	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Thorium-230	1.3		pCi/g	0.44	0.24	0.24	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Thorium-230	0.91	J	pCi/g	0.23	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Thorium-230	1.04		pCi/g	0.26	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Thorium-230	1.69		pCi/g	0.33	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Thorium-230	1.2		pCi/g	0.26	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Thorium-230	0.75	J	pCi/g	0.2	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Thorium-230	1.39		pCi/g	0.29	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Thorium-230	1.06		pCi/g	0.26	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Thorium-230	0.8	J	pCi/g	0.2	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Thorium-230	3.01		pCi/g	0.47	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Thorium-230	1.35		pCi/g	0.26	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Thorium-230	1.12		pCi/g	0.25	0.03	0.03	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Thorium-230	2.25		pCi/g	0.36	0.04	0.04	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Thorium-230	1.19		pCi/g	0.24	0.04	0.04	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Thorium-230	1.39		pCi/g	0.28	0.03	0.03	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Thorium-230	2.32		pCi/g	0.36	0.04	0.04	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Thorium-231	0.011	U	pCi/g	0.058	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Thorium-231	0.12	U	pCi/g	0.1	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Thorium-231	0.043	U	pCi/g	0.058	0.039	0.039	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Thorium-231	0.042	U	pCi/g	0.056	0.037	0.037	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Thorium-231	0.04	U	pCi/g	0.068	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Thorium-231	0.06	U	pCi/g	0.073	0.092	0.092	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Thorium-231	0.064	U	pCi/g	0.086	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Thorium-231	0.058	U	pCi/g	0.079	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Thorium-231	0.17	U	pCi/g	0.11	0.04	0.04	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Thorium-231	0.076	U	pCi/g	0.085	0.051	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Thorium-231	0.014	U	pCi/g	0.041	0.039	0.039	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Thorium-231	0	U	pCi/g	0	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Thorium-231	0.011	U	pCi/g	0.059	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Thorium-231	0.086	U	pCi/g	0.084	0.096	0.096	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Thorium-231	0.031	U	pCi/g	0.051	0.074	0.074	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Thorium-231	0	U	pCi/g	0	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Thorium-231	0.067	U	pCi/g	0.091	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Thorium-231	0.001	U	pCi/g	0.044	0.097	0.097	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Thorium-231	0.059	U	pCi/g	0.07	0.089	0.089	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Thorium-231	0.045	U	pCi/g	0.061	0.081	0.081	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Thorium-231	0.077	U	pCi/g	0.076	0.042	0.042	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Thorium-231	0.03	U	pCi/g	0.052	0.041	0.041	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Thorium-231	0.13	U	pCi/g	0.1	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Thorium-231	0.099	U	pCi/g	0.088	0.094	0.094	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Thorium-231	0.098	U	pCi/g	0.085	0.072	0.072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Thorium-231	0.0009	U	pCi/g	0.041	0.091	0.091	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Thorium-231	0.13	U	pCi/g	0.1	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Thorium-231	0.059	U	pCi/g	0.067	0.04	0.04	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Thorium-231	0.043	U	pCi/g	0.057	0.038	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Thorium-231	0.076	U	pCi/g	0.091	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Thorium-231	0.036	U	pCi/g	0.088	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Thorium-231	0.001	U	pCi/g	0.042	0.094	0.094	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Thorium-231	0.087	U	pCi/g	0.078	0.081	0.081	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Thorium-231	0.061	U	pCi/g	0.068	0.041	0.041	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Thorium-231	0.032	U	pCi/g	0.061	0.095	0.095	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Thorium-231	0.084	U	pCi/g	0.085	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Thorium-231	0.101	U	pCi/g	0.089	0.096	0.096	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Thorium-231	0.048	U	pCi/g	0.064	0.085	0.085	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Thorium-231	0.083	U	pCi/g	0.082	0.045	0.045	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Thorium-231	0.049	U	pCi/g	0.053	0.055	0.055	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Thorium-231	0.053	U	pCi/g	0.06	0.036	0.036	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Thorium-231	0.037	U	pCi/g	0.049	0.033	0.033	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Thorium-231	0.124	U	pCi/g	0.094	0.042	0.042	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Thorium-231	0.073	U	pCi/g	0.081	0.098	0.098	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Thorium-231	0.062	U	pCi/g	0.067	0.069	0.069	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Thorium-231	0.102	U	pCi/g	0.095	0.01	0.01	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Thorium-231	0.054	U	pCi/g	0.072	0.048	0.048	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Thorium-231	0.08	U	pCi/g	0.084	0.098	0.098	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Thorium-231	0.027	U	pCi/g	0.066	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Thorium-231	0.087	U	pCi/g	0.078	0.081	0.081	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Thorium-231	0.038	U	pCi/g	0.055	0.076	0.076	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Thorium-231	0.034	U	pCi/g	0.059	0.087	0.087	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Thorium-231	0.052	U	pCi/g	0.07	0.093	0.093	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Thorium-231	0.09	J	pCi/g	0.073	0.035	0.035	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Thorium-231	0.055	J	pCi/g	0.062	0.038	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Thorium-231	0.092	J	pCi/g	0.075	0.036	0.036	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Thorium-231	0	U	pCi/g	0	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Thorium-231	0.048	U	pCi/g	0.062	0.081	0.081	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Thorium-231	0.107	J	pCi/g	0.079	0.058	0.058	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Thorium-231	0.059	U	pCi/g	0.076	0.099	0.099	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Thorium-231	0.093	U	pCi/g	0.08	0.068	0.068	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Thorium-231	0.126	J+	pCi/g	0.089	0.038	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Thorium-231	0.068	U	pCi/g	0.075	0.091	0.091	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Thorium-231	0.047	U	pCi/g	0.069	0.095	0.095	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Thorium-231	0.058	U	pCi/g	0.084	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Thorium-231	0.066	U	pCi/g	0.066	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Thorium-231	0.089	U	pCi/g	0.073	0.066	0.066	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Thorium-231	0.21	J+	pCi/g	0.11	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Thorium-231	0.054	J	pCi/g	0.053	0.029	0.029	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Thorium-231	0.047	J	pCi/g	0.053	0.032	0.032	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Thorium-231	0.047	U	pCi/g	0.055	0.064	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Thorium-231	0.03	U	pCi/g	0.059	0.091	0.091	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Thorium-231	0.043	U	pCi/g	0.062	0.086	0.086	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Thorium-231	0.077	U	pCi/g	0.093	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Thorium-231	0.097	J	pCi/g	0.077	0.075	0.075	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Thorium-231	0.052	J	pCi/g	0.058	0.035	0.035	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Thorium-231	0.063	U	pCi/g	0.073	0.091	0.091	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Thorium-231	0.11	U	pCi/g	0.11	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Thorium-231	0.12	U	pCi/g	0.1	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Thorium-231	0.087	U	pCi/g	0.083	0.077	0.077	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Thorium-231	0.101	U	pCi/g	0.08	0.063	0.063	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Thorium-231	0.057	U	pCi/g	0.069	0.087	0.087	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Thorium-231	0.016	U	pCi/g	0.052	0.094	0.094	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Thorium-231	0.054	U	pCi/g	0.06	0.036	0.036	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Thorium-231	0.052	U	pCi/g	0.071	0.096	0.096	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Thorium-231	0.041	U	pCi/g	0.065	0.093	0.093	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Thorium-231	0.13	U	pCi/g	0.1	0.1	0.1	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Thorium-231	0.027	U	pCi/g	0.045	0.064	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Thorium-231	0.1	U	pCi/g	0.093	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Thorium-231	0.088	U	pCi/g	0.082	0.089	0.089	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Thorium-231	0.09	U	pCi/g	0.084	0.091	0.091	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Thorium-231	0.06	U	pCi/g	0.082	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Thorium-231	0.06	U	pCi/g	0.067	0.041	0.041	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Thorium-231	0.058	U	pCi/g	0.065	0.039	0.039	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Thorium-231	0.18	J+	pCi/g	0.11	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Thorium-232	1.78		pCi/g	0.4	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Thorium-232	1.43		pCi/g	0.28	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Thorium-232	1.46		pCi/g	0.29	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Thorium-232	1.94		pCi/g	0.35	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Thorium-232	1.63		pCi/g	0.32	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Thorium-232	1.52		pCi/g	0.29	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Thorium-232	2.23		pCi/g	0.38	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Thorium-232	1.51		pCi/g	0.3	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Thorium-232	1.5		pCi/g	0.3	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Thorium-232	1.9		pCi/g	0.39	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Thorium-232	2.06		pCi/g	0.41	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Thorium-232	1.69		pCi/g	0.36	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Thorium-232	1.81		pCi/g	0.32	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Thorium-232	2		pCi/g	0.39	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Thorium-232	1.37		pCi/g	0.28	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Thorium-232	2.12		pCi/g	0.42	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Thorium-232	2.04		pCi/g	0.35	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Thorium-232	1.98		pCi/g	0.34	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Thorium-232	2.05		pCi/g	0.39	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Thorium-232	1.5		pCi/g	0.37	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Thorium-232	2.1		pCi/g	0.5	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Thorium-232	1.77		pCi/g	0.36	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Thorium-232	1.53		pCi/g	0.31	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Thorium-232	1.52		pCi/g	0.31	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Thorium-232	2.09		pCi/g	0.41	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Thorium-232	1.97		pCi/g	0.43	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Thorium-232	1.38		pCi/g	0.3	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Thorium-232	1.32		pCi/g	0.26	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Thorium-232	1.3		pCi/g	0.27	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Thorium-232	1.42		pCi/g	0.28	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Thorium-232	1.77		pCi/g	0.33	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Thorium-232	1.5		pCi/g	0.29	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Thorium-232	1.52		pCi/g	0.3	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Thorium-232	1.34		pCi/g	0.27	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Thorium-232	1.43		pCi/g	0.29	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Thorium-232	1.38		pCi/g	0.3	0.07	0.07	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Thorium-232	1.69		pCi/g	0.31	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Thorium-232	1.53		pCi/g	0.29	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Thorium-232	1.55		pCi/g	0.29	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Thorium-232	1.75		pCi/g	0.38	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Thorium-232	1.92		pCi/g	0.34	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Thorium-232	2.06		pCi/g	0.36	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Thorium-232	1.57		pCi/g	0.31	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Thorium-232	1.52		pCi/g	0.27	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Thorium-232	1.91		pCi/g	0.33	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Thorium-232	1.77		pCi/g	0.31	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Thorium-232	1.84		pCi/g	0.39	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Thorium-232	1.8		pCi/g	0.31	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Thorium-232	1.78		pCi/g	0.3	0.04	0.04	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Thorium-232	1.79		pCi/g	0.32	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Thorium-232	1.82		pCi/g	0.32	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Thorium-232	1.7		pCi/g	0.33	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Thorium-232	1.59		pCi/g	0.33	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Thorium-232	2.08		pCi/g	0.36	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Thorium-232	1.24		pCi/g	0.26	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Thorium-232	1.33		pCi/g	0.27	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Thorium-232	2		pCi/g	0.36	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Thorium-232	1.3		pCi/g	0.28	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Thorium-232	1.28		pCi/g	0.3	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Thorium-232	1.89		pCi/g	0.35	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Thorium-232	1.22		pCi/g	0.27	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Thorium-232	1.26		pCi/g	0.26	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Thorium-232	1.45		pCi/g	0.27	0.04	0.04	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Thorium-232	1.31		pCi/g	0.29	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Thorium-232	1.34		pCi/g	0.27	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Thorium-232	1.97		pCi/g	0.37	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Thorium-232	1.26		pCi/g	0.31	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Thorium-232	1.23		pCi/g	0.31	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Thorium-232	1.82		pCi/g	0.32	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Thorium-232	2.01		pCi/g	0.37	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Thorium-232	1.9		pCi/g	0.36	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Thorium-232	1.79		pCi/g	0.34	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Thorium-232	1.57		pCi/g	0.33	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Thorium-232	1.89		pCi/g	0.4	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Thorium-232	1.52		pCi/g	0.31	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Thorium-232	1.77		pCi/g	0.31	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Thorium-232	1.91		pCi/g	0.38	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Thorium-232	1.57		pCi/g	0.32	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Thorium-232	1.97		pCi/g	0.36	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Thorium-232	1.41		pCi/g	0.45	0.21	0.21	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Thorium-232	1.71		pCi/g	0.33	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Thorium-232	1.74		pCi/g	0.35	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Thorium-232	1.85		pCi/g	0.34	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Thorium-232	1.54		pCi/g	0.3	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Thorium-232	1.4		pCi/g	0.27	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Thorium-232	1.69		pCi/g	0.33	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Thorium-232	1.7		pCi/g	0.34	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Thorium-232	1.36		pCi/g	0.27	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Thorium-232	1.34		pCi/g	0.29	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Thorium-232	1.72		pCi/g	0.3	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Thorium-232	1.74		pCi/g	0.32	0.03	0.03	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Thorium-232	1.47		pCi/g	0.28	0.04	0.04	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Thorium-232	1.51		pCi/g	0.28	0.04	0.04	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Thorium-232	1.6		pCi/g	0.31	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Thorium-232	1.25		pCi/g	0.24	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Thorium-234	2.02		pCi/g	0.57	0.98	0.98	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Thorium-234	2.16		pCi/g	0.69	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Thorium-234	1.35		pCi/g	0.73	1.3	1.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Thorium-234	1.64		pCi/g	0.55	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Thorium-234	2		pCi/g	1	1.3	1.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Thorium-234	1.79		pCi/g	0.56	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Thorium-234	0.72	U	pCi/g	0.69	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Thorium-234	1.19	U	pCi/g	0.77	1.3	1.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Thorium-234	2.5		pCi/g	0.89	1.4	1.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Thorium-234	1.84		pCi/g	0.55	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Thorium-234	2.18		pCi/g	0.82	1.3	1.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Thorium-234	1.2		pCi/g	0.66	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Thorium-234	0.83	U	pCi/g	0.64	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Thorium-234	0.75	U	pCi/g	0.82	1.3	1.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Thorium-234	1.66		pCi/g	0.5	0.86	0.86	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Thorium-234	2.07		pCi/g	0.57	0.98	0.98	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Thorium-234	0.97	U	pCi/g	0.75	1.3	1.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Thorium-234	1.37		pCi/g	0.72	1.2	1.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Thorium-234	-0.26	U	pCi/g	0.92	1.4	1.4	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Thorium-234	1.64		pCi/g	0.58	1.2	1.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Thorium-234	0.85	U	pCi/g	0.72	1.3	1.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Thorium-234	1.2		pCi/g	0.65	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Thorium-234	1.82		pCi/g	0.57	1	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Thorium-234	1.57		pCi/g	0.67	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Thorium-234	1	U	pCi/g	1.2	1.4	1.4	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Thorium-234	0.46	U	pCi/g	0.62	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Thorium-234	1.05	U	pCi/g	0.48	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Thorium-234	1.05	U	pCi/g	0.65	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Thorium-234	0.32	U	pCi/g	0.66	1	1	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Thorium-234	0.46	U	pCi/g	0.69	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Thorium-234	0.81	U	pCi/g	0.63	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Thorium-234	0.77	U	pCi/g	0.64	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Thorium-234	1.11		pCi/g	0.87	0.92	0.92	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Thorium-234	1.68		pCi/g	0.74	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Thorium-234	1.36		pCi/g	0.68	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Thorium-234	1.35		pCi/g	0.94	0.83	0.83	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Thorium-234	0.24	U	pCi/g	0.65	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Thorium-234	2.06		pCi/g	0.55	0.95	0.95	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Thorium-234	2.3		pCi/g	1.1	1.4	1.4	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Thorium-234	1.77		pCi/g	0.5	0.9	0.9	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Thorium-234	1.76		pCi/g	0.53	0.99	0.99	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Thorium-234	0.75	U	pCi/g	0.36	0.92	0.92	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Thorium-234	1.86		pCi/g	0.69	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Thorium-234	1.1	U	pCi/g	0.68	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Thorium-234	1.58		pCi/g	0.46	0.81	0.81	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Thorium-234	1.51		pCi/g	0.8	1.4	1.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Thorium-234	1.21	U	pCi/g	0.73	1.4	1.4	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Thorium-234	1.73		pCi/g	0.69	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Thorium-234	-0.53	U	pCi/g	0.9	1.3	1.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Thorium-234	1.39	U	pCi/g	0.77	1.4	1.4	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Thorium-234	1.5		pCi/g	0.69	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Thorium-234	-0.26	U	pCi/g	0.69	1	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Thorium-234	1.55		pCi/g	0.74	1.3	1.3	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Thorium-234	1.84		pCi/g	0.53	0.95	0.95	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Thorium-234	1.54		pCi/g	0.78	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Thorium-234	0.43	U	pCi/g	0.65	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Thorium-234	1.12		pCi/g	0.92	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Thorium-234	0.84	U	pCi/g	0.67	1.2	1.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Thorium-234	1.52		pCi/g	0.51	1	1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Thorium-234	1.85		pCi/g	0.54	0.87	0.87	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Thorium-234	0.75	U	pCi/g	0.7	1.3	1.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Thorium-234	1.19		pCi/g	0.62	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Thorium-234	1.43		pCi/g	0.74	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Thorium-234	1.35		pCi/g	0.72	1.2	1.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Thorium-234	2.29		pCi/g	0.81	0.99	0.99	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Thorium-234	1.31		pCi/g	0.48	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Thorium-234	1.73		pCi/g	0.58	1	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Thorium-234	1.85		pCi/g	0.7	1.2	1.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Thorium-234	1.43		pCi/g	0.77	1.3	1.3	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Thorium-234	1.62		pCi/g	0.7	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Thorium-234	1.71		pCi/g	0.55	1.1	1.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Thorium-234	0.58	U	pCi/g	0.57	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Thorium-234	1.6		pCi/g	0.76	1.3	1.3	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Thorium-234	2.01		pCi/g	0.7	1.2	1.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Thorium-234	1.72		pCi/g	0.54	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Thorium-234	1.4		pCi/g	0.65	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Thorium-234	0.27	U	pCi/g	0.69	1.2	1.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Thorium-234	0.6	U	pCi/g	0.59	1	1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Thorium-234	1.3		pCi/g	1.1	1	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Thorium-234	1.48		pCi/g	0.49	0.85	0.85	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Thorium-234	1.92		pCi/g	0.7	0.91	0.91	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Thorium-234	0.95	U	pCi/g	0.73	1.4	1.4	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Thorium-234	2.08		pCi/g	0.68	1.2	1.2	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Thorium-234	0.73	U	pCi/g	0.65	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Thorium-234	0.32	U	pCi/g	0.81	1.2	1.2	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Thorium-234	1.44		pCi/g	0.47	0.9	0.9	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Thorium-234	1.27		pCi/g	0.48	1.1	1.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Thorium-234	1.24		pCi/g	0.59	1	1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Thorium-234	1.59		pCi/g	0.51	0.95	0.95	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Thorium-234	0.97	U	pCi/g	0.7	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Thorium-234	1	U	pCi/g	0.64	1.1	1.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Thorium-234	1.6		pCi/g	0.5	0.86	0.86	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Thorium-234	0.78	U	pCi/g	0.7	1.2	1.2	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Thorium-234	0.92	U	pCi/g	0.72	1.3	1.3	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Thorium-234	1.8		pCi/g	0.53	0.92	0.92	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Tin	0.78	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Tin	0.32	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Tin	0.41	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Tin	0.66	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Tin	0.45	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Tin	0.29	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Tin	0.56	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Tin	0.25	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Tin	0.24	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Tin	0.38	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Tin	0.43	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Tin	0.4	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Tin	0.53	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Tin	0.62	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Tin	0.43	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Tin	0.56	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Tin	0.4	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Tin	0.51	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Tin	0.67	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Tin	0.52	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Tin	0.4	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Tin	0.54	J	mg/kg		1	0.187	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Tin	0.4	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Tin	0.4	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Tin	0.66	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Tin	0.44	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Tin	0.37	J	mg/kg		1.1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Tin	0.58	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Tin	0.68	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Tin	0.5	J	mg/kg		1.1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Tin	0.61	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Tin	0.57	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Tin	0.63	J	mg/kg		1.1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Tin	0.65	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Tin	0.5	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Tin	0.53	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Tin	0.53	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Tin	0.59	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Tin	0.55	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Tin	0.47	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Tin	0.37	J	mg/kg		1.3	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Tin	0.46	J	mg/kg		1.1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Tin	0.55	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Tin	0.52	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Tin	0.48	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Tin	0.52	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Tin	0.61	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Tin	0.44	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Tin	0.4	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Tin	0.52	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Tin	0.51	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Tin	0.52	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Tin	0.39	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Tin	0.61	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Tin	0.46	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Tin	0.39	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Tin	0.55	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Tin	0.44	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Tin	0.38	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Tin	0.63	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Tin	0.48	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Tin	0.33	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Tin	0.54	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Tin	0.42	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Tin	0.36	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Tin	0.54	J	mg/kg		1	0.187	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Tin	0.43	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Tin	0.39	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Tin	0.63	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Tin	0.53	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Tin	0.58	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Tin	0.41	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Tin	0.53	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Tin	0.45	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Tin	0.53	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Tin	0.49	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Tin	0.55	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Tin	0.59	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Tin	0.55	J	mg/kg		1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Tin	0.51	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Tin	0.8	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Tin	0.75	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Tin	0.46	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Tin	0.69	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Tin	0.63	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Tin	0.59	J	mg/kg		1.1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Tin	0.61	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Tin	0.39	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Tin	0.44	J	mg/kg		1.1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Tin	0.51	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Tin	0.42	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Tin	0.32	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Tin	0.41	J	mg/kg		1	0.187	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Tin	0.4	J	mg/kg		1.1	0.187	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Tin	0.34	J	mg/kg		1	0.187	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Titanium	681		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Titanium	376		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Titanium	490		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Titanium	571		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Titanium	570		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Titanium	262		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Titanium	472		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Titanium	311		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Titanium	352		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Titanium	371		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Titanium	536		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Titanium	586		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Titanium	549		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Titanium	703		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Titanium	582		mg/kg		1	0.1175	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Titanium	530		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Titanium	495		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Titanium	616		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Titanium	641		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Titanium	673		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Titanium	483		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Titanium	562		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Titanium	531		mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Titanium	448		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Titanium	558		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Titanium	539		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Titanium	414		mg/kg		1.1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Titanium	702	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Titanium	958	J	mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Titanium	701	J	mg/kg		1.1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Titanium	936	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Titanium	704	J	mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Titanium	758	J	mg/kg		1.1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Titanium	779	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Titanium	510		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Titanium	749	J	mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Titanium	739	J	mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Titanium	839	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Titanium	515	J	mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Titanium	535		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Titanium	388		mg/kg		1.3	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Titanium	436		mg/kg		1.1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Titanium	659	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Titanium	624		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Titanium	432		mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Titanium	509		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Titanium	673	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Titanium	458		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Titanium	368		mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Titanium	512		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Titanium	478	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Titanium	545	J	mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Titanium	533	J	mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Titanium	589	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Titanium	651	J	mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Titanium	481	J	mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Titanium	540	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Titanium	590	J	mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Titanium	503	J	mg/kg		1	0.1175	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Titanium	481		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Titanium	299		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Titanium	330		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Titanium	550	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Titanium	393		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Titanium	312		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Titanium	467		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Titanium	366		mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Titanium	386		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Titanium	683	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Titanium	673	J	mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Titanium	657	J	mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Titanium	509	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Titanium	600	J	mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Titanium	473	J	mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Titanium	618	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Titanium	531	J	mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Titanium	621	J	mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Titanium	677	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Titanium	671	J	mg/kg		1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Titanium	674	J	mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Titanium	438	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Titanium	1010	J	mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Titanium	597	J	mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Titanium	864	J	mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Titanium	879	J	mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Titanium	858	J	mg/kg		1.1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Titanium	572		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Titanium	446		mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Titanium	504		mg/kg		1.1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Titanium	618		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Titanium	492		mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Titanium	416		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Titanium	459		mg/kg		1	0.1175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Titanium	461		mg/kg		1.1	0.1175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Titanium	402		mg/kg		1	0.1175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Tungsten	1.4	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Tungsten	1.1	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Tungsten	1.8	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Tungsten	0.97	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Tungsten	1.3	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Tungsten	0.67	U	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Tungsten	1.6	U	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Tungsten	0.66	U	mg/kg		2.6	0.0175	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Tungsten	1.2	U	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Tungsten	0.77	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Tungsten	0.97	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Tungsten	0.89	UJ	mg/kg		2.5	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Tungsten	0.75	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Tungsten	1.8	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Tungsten	1.4	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Tungsten	1.1	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Tungsten	1.5	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Tungsten	2.1	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Tungsten	1.7	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Tungsten	2.2	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Tungsten	1.2	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Tungsten	1.2	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Tungsten	1	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Tungsten	1	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Tungsten	0.95	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Tungsten	1.8	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Tungsten	1.6	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Tungsten	2.5	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Tungsten	1.8	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Tungsten	1.1	UJ	mg/kg		2.7	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Tungsten	0.93	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Tungsten	1.1	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Tungsten	2	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Tungsten	1.5	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Tungsten	1.6	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Tungsten	1.2	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Tungsten	1.2	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Tungsten	0.86	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Tungsten	1	UJ	mg/kg		2.7	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Tungsten	1	U	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Tungsten	1	U	mg/kg		3.2	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Tungsten	0.84	U	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Tungsten	1.7	UJ	mg/kg		2.6	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Tungsten	0.73	U	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Tungsten	0.64	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Tungsten	0.51	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Tungsten	1.3	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Tungsten	1.4	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Tungsten	0.99	UJ	mg/kg		2.7	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Tungsten	0.89	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Tungsten	1	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Tungsten	1.8	UJ	mg/kg		2.6	0.0175	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Tungsten	1.7	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Tungsten	1.1	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Tungsten	1.1	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Tungsten	0.87	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Tungsten	0.89	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Tungsten	0.88	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Tungsten	0.67	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Tungsten	1.9	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Tungsten	1.4	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Tungsten	1.3	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Tungsten	0.49	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Tungsten	2	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Tungsten	1.5	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Tungsten	1	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Tungsten	0.99	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Tungsten	1.1	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Tungsten	0.62	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Tungsten	1.5	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Tungsten	1.4	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Tungsten	0.78	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Tungsten	1.1	UJ	mg/kg		2.7	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Tungsten	2.1	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Tungsten	0.71	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Tungsten	0.7	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Tungsten	0.74	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Tungsten	1.2	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Tungsten	1	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Tungsten	1.1	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Tungsten	1	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Tungsten	0.84	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Tungsten	0.93	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Tungsten	1.5	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Tungsten	1.9	UJ	mg/kg		2.7	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Tungsten	1.5	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Tungsten	0.9	U	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Tungsten	0.65	U	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Tungsten	0.94	U	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Tungsten	0.97	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Tungsten	2	UJ	mg/kg		2.6	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Tungsten	1.3	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Tungsten	0.93	UJ	mg/kg		2.5	0.0175	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Tungsten	0.75	UJ	mg/kg		2.7	0.0175	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Tungsten	0.87	UJ	mg/kg		2.6	0.0175	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Uranium (total)	1		mg/kg		1	0.038	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Uranium (total)	0.86	J	mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Uranium (total)	1.3		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Uranium (total)	0.85	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Uranium (total)	1.1		mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Uranium (total)	0.74	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Uranium (total)	0.93	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Uranium (total)	0.81	J	mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Uranium (total)	1.1		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Uranium (total)	0.64	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Uranium (total)	0.76	J	mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Uranium (total)	0.68	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Uranium (total)	0.96	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Uranium (total)	0.84	J	mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Uranium (total)	0.83	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Uranium (total)	1.1		mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Uranium (total)	0.73	J	mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Uranium (total)	0.84	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Uranium (total)	0.97	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Uranium (total)	0.99	J	mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Uranium (total)	0.9	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Uranium (total)	0.8	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Uranium (total)	0.8	J	mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Uranium (total)	1.1		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Uranium (total)	0.86	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Uranium (total)	0.78	J	mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Uranium (total)	1.7		mg/kg		1.1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Uranium (total)	0.89	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Uranium (total)	1.1		mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Uranium (total)	0.94	J	mg/kg		1.1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Uranium (total)	0.94	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Uranium (total)	1.1		mg/kg		1.1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Uranium (total)	1.1		mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Uranium (total)	0.62	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Uranium (total)	1	J	mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Uranium (total)	0.92	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Uranium (total)	1.2		mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Uranium (total)	1	J	mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Uranium (total)	0.73	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Uranium (total)	0.8	J	mg/kg		1.3	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Uranium (total)	0.95	J	mg/kg		1.1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Uranium (total)	0.89	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Uranium (total)	1.1		mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Uranium (total)	1	J	mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Uranium (total)	0.89	J	mg/kg		1	0.038	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Uranium (total)	1		mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Uranium (total)	0.82	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Uranium (total)	0.72	J	mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Uranium (total)	0.84	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Uranium (total)	0.81	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Uranium (total)	1.2		mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Uranium (total)	1.4		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Uranium (total)	1.1		mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Uranium (total)	1.3		mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Uranium (total)	1.2		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Uranium (total)	1		mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Uranium (total)	1.3		mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Uranium (total)	1.3		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Uranium (total)	1.3		mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Uranium (total)	1.2		mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Uranium (total)	0.93	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Uranium (total)	0.76	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Uranium (total)	0.91	J	mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Uranium (total)	0.93	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Uranium (total)	0.85	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Uranium (total)	1.1		mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Uranium (total)	1.2		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Uranium (total)	1	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Uranium (total)	1		mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Uranium (total)	1.3		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Uranium (total)	0.82	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Uranium (total)	1.2		mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Uranium (total)	0.95	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Uranium (total)	0.92	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Uranium (total)	1	J	mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Uranium (total)	1.2		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Uranium (total)	1.1		mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Uranium (total)	0.9	J	mg/kg		1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Uranium (total)	1.1		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Uranium (total)	0.87	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Uranium (total)	1.1		mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Uranium (total)	0.93	J	mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Uranium (total)	0.97	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Uranium (total)	1.1		mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Uranium (total)	1.3		mg/kg		1.1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Uranium (total)	0.79	J	mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Uranium (total)	1	J	mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Uranium (total)	2.7		mg/kg		1.1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Uranium (total)	0.71	J	mg/kg		1	0.038	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Uranium (total)	0.82	J	mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Uranium (total)	1.7		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Uranium (total)	1.8		mg/kg		1	0.038	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Uranium (total)	1.1		mg/kg		1.1	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Uranium (total)	2.3		mg/kg		1	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Uranium-234	0.63	U	pCi/g	0.2	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Uranium-234	2.44		pCi/g	0.45	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Uranium-234	1.73		pCi/g	0.33	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Uranium-234	0.72	U	pCi/g	0.19	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Uranium-234	1.73		pCi/g	0.34	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Uranium-234	1.95		pCi/g	0.36	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Uranium-234	0.82	U	pCi/g	0.25	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Uranium-234	1.59		pCi/g	0.33	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Uranium-234	1.92		pCi/g	0.35	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Uranium-234	1.22	J+	pCi/g	0.3	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Uranium-234	0.92	U	pCi/g	0.23	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Uranium-234	1.16	U	pCi/g	0.28	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Uranium-234	1	U	pCi/g	0.26	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Uranium-234	1.01	U	pCi/g	0.25	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Uranium-234	1.03	U	pCi/g	0.26	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Uranium-234	1.22	J+	pCi/g	0.33	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Uranium-234	1.14	U	pCi/g	0.31	0.15	0.15	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Uranium-234	1.17	U	pCi/g	0.28	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Uranium-234	0.85	U	pCi/g	0.22	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Uranium-234	1.16	U	pCi/g	0.26	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Uranium-234	1.56		pCi/g	0.32	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Uranium-234	1.05	U	pCi/g	0.25	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Uranium-234	1.23	J+	pCi/g	0.28	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Uranium-234	1.84		pCi/g	0.34	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Uranium-234	0.84	U	pCi/g	0.23	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Uranium-234	1.07	U	pCi/g	0.26	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Uranium-234	2.3		pCi/g	0.41	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Uranium-234	0.89	U	pCi/g	0.22	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Uranium-234	0.9	U	pCi/g	0.22	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Uranium-234	1.07	U	pCi/g	0.28	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Uranium-234	0.76	U	pCi/g	0.26	0.16	0.16	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Uranium-234	0.76	U	pCi/g	0.21	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Uranium-234	0.85	U	pCi/g	0.22	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Uranium-234	0.85	U	pCi/g	0.22	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Uranium-234	0.68	U	pCi/g	0.21	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Uranium-234	0.76	U	pCi/g	0.21	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Uranium-234	0.86	U	pCi/g	0.23	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Uranium-234	0.9	U	pCi/g	0.23	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Uranium-234	0.83	U	pCi/g	0.23	0.08	0.08	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Uranium-234	0.83	U	pCi/g	0.2	0.04	0.04	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Uranium-234	1.02	U	pCi/g	0.23	0.03	0.03	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Uranium-234	0.96	U	pCi/g	0.21	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Uranium-234	0.88	U	pCi/g	0.23	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Uranium-234	0.83	U	pCi/g	0.22	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Uranium-234	0.95	U	pCi/g	0.24	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Uranium-234	1.23	J+	pCi/g	0.3	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Uranium-234	1.16	U	pCi/g	0.29	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Uranium-234	1	U	pCi/g	0.25	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Uranium-234	1.14	U	pCi/g	0.27	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Uranium-234	1.04	U	pCi/g	0.24	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Uranium-234	0.96	J	pCi/g	0.24	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Uranium-234	1.07		pCi/g	0.25	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Uranium-234	1.84		pCi/g	0.38	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Uranium-234	1.23		pCi/g	0.27	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Uranium-234	1.21		pCi/g	0.28	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Uranium-234	1.37		pCi/g	0.29	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Uranium-234	1.13		pCi/g	0.3	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Uranium-234	1.24		pCi/g	0.27	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Uranium-234	1.21		pCi/g	0.27	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Uranium-234	1.02	U	pCi/g	0.25	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Uranium-234	1.27		pCi/g	0.29	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Uranium-234	1.94		pCi/g	0.35	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Uranium-234	0.96	J	pCi/g	0.23	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Uranium-234	1.15		pCi/g	0.27	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Uranium-234	1.9		pCi/g	0.4	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Uranium-234	1.02	U	pCi/g	0.24	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Uranium-234	1.99		pCi/g	0.34	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Uranium-234	2.06		pCi/g	0.34	0.04	0.04	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Uranium-234	0.85	J	pCi/g	0.2	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Uranium-234	0.94	J	pCi/g	0.22	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Uranium-234	1.24		pCi/g	0.27	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Uranium-234	0.7	J	pCi/g	0.22	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Uranium-234	1.08		pCi/g	0.26	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Uranium-234	1.48		pCi/g	0.37	0.17	0.17	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Uranium-234	0.9	J	pCi/g	0.22	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Uranium-234	1.17		pCi/g	0.29	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Uranium-234	1.13		pCi/g	0.3	0.14	0.14	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Uranium-234	0.98	U	pCi/g	0.28	0.15	0.15	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Uranium-234	0.92	U	pCi/g	0.24	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Uranium-234	0.95	U	pCi/g	0.26	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Uranium-234	0.97	U	pCi/g	0.24	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Uranium-234	0.94	U	pCi/g	0.23	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Uranium-234	1.25	J+	pCi/g	0.28	0.08	0.08	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Uranium-234	0.79	U	pCi/g	0.2	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Uranium-234	0.76	U	pCi/g	0.21	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Uranium-234	1.31		pCi/g	0.28	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Uranium-234	0.98	U	pCi/g	0.24	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Uranium-234	1.05	U	pCi/g	0.25	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Uranium-234	2.66		pCi/g	0.46	0.13	0.13	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Uranium-234	0.78	U	pCi/g	0.21	0.12	0.12	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Uranium-234	1.45		pCi/g	0.3	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Uranium-234	2.84		pCi/g	0.48	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Uranium-234	1.09	U	pCi/g	0.25	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Uranium-234	1.2	J+	pCi/g	0.26	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Uranium-234	2.73		pCi/g	0.44	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Uranium-235	0.011	U	pCi/g	0.058	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Uranium-235	0.12	J	pCi/g	0.1	0.05	0.05	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Uranium-235	0.043	J	pCi/g	0.058	0.039	0.039	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Uranium-235	0.042	J	pCi/g	0.056	0.037	0.037	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Uranium-235	0.04	U	pCi/g	0.068	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Uranium-235	0.06	U	pCi/g	0.073	0.092	0.092	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Uranium-235	0.064	U	pCi/g	0.086	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Uranium-235	0.058	U	pCi/g	0.079	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Uranium-235	0.17	J	pCi/g	0.11	0.04	0.04	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Uranium-235	0.076	J	pCi/g	0.085	0.051	0.051	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Uranium-235	0.014	U	pCi/g	0.041	0.039	0.039	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Uranium-235	0	U	pCi/g	0	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Uranium-235	0.011	U	pCi/g	0.059	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Uranium-235	0.086	U	pCi/g	0.084	0.096	0.096	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Uranium-235	0.031	U	pCi/g	0.051	0.074	0.074	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Uranium-235	0	U	pCi/g	0	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Uranium-235	0.067	U	pCi/g	0.091	0.12	0.12	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Uranium-235	0.001	U	pCi/g	0.044	0.097	0.097	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Uranium-235	0.059	U	pCi/g	0.07	0.089	0.089	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Uranium-235	0.045	U	pCi/g	0.061	0.081	0.081	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Uranium-235	0.077	J	pCi/g	0.076	0.042	0.042	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Uranium-235	0.03	U	pCi/g	0.052	0.041	0.041	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Uranium-235	0.13	J	pCi/g	0.1	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Uranium-235	0.099	J	pCi/g	0.088	0.094	0.094	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Uranium-235	0.098	J	pCi/g	0.085	0.072	0.072	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Uranium-235	0.0009	U	pCi/g	0.041	0.091	0.091	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Uranium-235	0.13	J	pCi/g	0.1	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Uranium-235	0.059	J	pCi/g	0.067	0.04	0.04	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Uranium-235	0.043	J	pCi/g	0.057	0.038	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Uranium-235	0.076	U	pCi/g	0.091	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Uranium-235	0.036	U	pCi/g	0.088	0.14	0.14	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Uranium-235	0.001	U	pCi/g	0.042	0.094	0.094	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Uranium-235	0.087	J	pCi/g	0.078	0.081	0.081	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Uranium-235	0.061	J	pCi/g	0.068	0.041	0.041	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Uranium-235	0.032	U	pCi/g	0.061	0.095	0.095	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Uranium-235	0.084	U	pCi/g	0.085	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Uranium-235	0.101	J	pCi/g	0.089	0.096	0.096	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Uranium-235	0.048	U	pCi/g	0.064	0.085	0.085	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Uranium-235	0.083	J	pCi/g	0.082	0.045	0.045	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Uranium-235	0.049	U	pCi/g	0.053	0.055	0.055	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Uranium-235	0.053	J	pCi/g	0.06	0.036	0.036	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Uranium-235	0.037	J	pCi/g	0.049	0.033	0.033	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Uranium-235	0.124	J	pCi/g	0.094	0.042	0.042	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Uranium-235	0.073	U	pCi/g	0.081	0.098	0.098	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Uranium-235	0.062	U	pCi/g	0.067	0.069	0.069	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Uranium-235	0.102	U	pCi/g	0.095	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Uranium-235	0.054	J	pCi/g	0.072	0.048	0.048	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Uranium-235	0.08	U	pCi/g	0.084	0.098	0.098	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Uranium-235	0.027	U	pCi/g	0.066	0.11	0.11	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Uranium-235	0.087	J	pCi/g	0.078	0.081	0.081	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Uranium-235	0.038	U	pCi/g	0.055	0.076	0.076	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Uranium-235	0.034	U	pCi/g	0.059	0.087	0.087	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Uranium-235	0.052	U	pCi/g	0.07	0.093	0.093	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Uranium-235	0.09	J	pCi/g	0.073	0.035	0.035	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Uranium-235	0.055	J	pCi/g	0.062	0.038	0.038	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Uranium-235	0.092	J	pCi/g	0.075	0.036	0.036	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Uranium-235	0	U	pCi/g	0	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Uranium-235	0.048	U	pCi/g	0.062	0.081	0.081	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Uranium-235	0.107	J	pCi/g	0.079	0.058	0.058	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Uranium-235	0.059	U	pCi/g	0.076	0.099	0.099	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Uranium-235	0.093	J	pCi/g	0.08	0.068	0.068	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Uranium-235	0.126	J	pCi/g	0.089	0.038	0.038	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Uranium-235	0.068	U	pCi/g	0.075	0.091	0.091	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Uranium-235	0.047	U	pCi/g	0.069	0.095	0.095	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Uranium-235	0.058	U	pCi/g	0.084	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Uranium-235	0.066	U	pCi/g	0.066	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Uranium-235	0.089	J	pCi/g	0.073	0.066	0.066	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Uranium-235	0.21	J	pCi/g	0.11	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Uranium-235	0.054	J	pCi/g	0.053	0.029	0.029	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Uranium-235	0.047	J	pCi/g	0.053	0.032	0.032	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Uranium-235	0.047	U	pCi/g	0.055	0.064	0.064	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Uranium-235	0.03	U	pCi/g	0.059	0.091	0.091	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Uranium-235	0.043	U	pCi/g	0.062	0.086	0.086	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Uranium-235	0.077	U	pCi/g	0.093	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Uranium-235	0.097	J	pCi/g	0.077	0.075	0.075	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Uranium-235	0.081	J	pCi/g	0.08	0.044	0.044	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Uranium-235	0.14	J	pCi/g	0.11	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Uranium-235	0.11	U	pCi/g	0.11	0.13	0.13	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Uranium-235	0.12	J	pCi/g	0.1	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Uranium-235	0.087	J	pCi/g	0.083	0.077	0.077	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Uranium-235	0.101	J	pCi/g	0.08	0.063	0.063	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Uranium-235	0.057	U	pCi/g	0.069	0.087	0.087	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Uranium-235	0.016	U	pCi/g	0.052	0.094	0.094	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Uranium-235	0.054	J	pCi/g	0.06	0.036	0.036	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Uranium-235	0.052	U	pCi/g	0.071	0.096	0.096	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Uranium-235	0.041	U	pCi/g	0.065	0.093	0.093	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Uranium-235	0.13	J	pCi/g	0.1	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Uranium-235	0.027	U	pCi/g	0.045	0.064	0.064	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Uranium-235	0.1	U	pCi/g	0.093	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Uranium-235	0.088	U	pCi/g	0.082	0.089	0.089	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Uranium-235	0.09	U	pCi/g	0.084	0.091	0.091	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Uranium-235	0.06	U	pCi/g	0.082	0.11	0.11	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Uranium-235	0.06	J	pCi/g	0.067	0.041	0.041	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Uranium-235	0.058	J	pCi/g	0.065	0.039	0.039	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Uranium-235	0.18	J	pCi/g	0.11	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Uranium-238	0.77	J	pCi/g	0.22	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Uranium-238	1.43		pCi/g	0.32	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Uranium-238	1.38		pCi/g	0.29	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Uranium-238	0.78	J	pCi/g	0.2	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Uranium-238	1.56		pCi/g	0.31	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Uranium-238	1.53		pCi/g	0.31	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Uranium-238	0.88	J	pCi/g	0.26	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Uranium-238	1.32		pCi/g	0.29	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Uranium-238	1.75		pCi/g	0.33	0.05	0.05	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Uranium-238	1.38		pCi/g	0.32	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Uranium-238	1.02		pCi/g	0.24	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Uranium-238	1.31		pCi/g	0.3	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Uranium-238	1.08		pCi/g	0.26	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Uranium-238	0.99	J	pCi/g	0.24	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Uranium-238	1.07		pCi/g	0.27	0.04	0.04	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Uranium-238	1.14		pCi/g	0.31	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Uranium-238	1.07		pCi/g	0.29	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Uranium-238	1.1		pCi/g	0.26	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Uranium-238	0.74	J	pCi/g	0.2	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Uranium-238	1.23		pCi/g	0.26	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Uranium-238	1.39		pCi/g	0.3	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Uranium-238	1.16		pCi/g	0.26	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Uranium-238	1.17		pCi/g	0.27	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Uranium-238	1.46		pCi/g	0.3	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Uranium-238	0.83	J	pCi/g	0.23	0.04	0.04	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Uranium-238	0.98	J	pCi/g	0.24	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Uranium-238	1.95		pCi/g	0.37	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Uranium-238	0.77	J	pCi/g	0.21	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Uranium-238	1.14		pCi/g	0.25	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Uranium-238	1.05		pCi/g	0.28	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Uranium-238	1.02		pCi/g	0.29	0.11	0.11	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Uranium-238	0.82	J	pCi/g	0.22	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Uranium-238	0.85	J	pCi/g	0.21	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Uranium-238	0.84	J	pCi/g	0.22	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Uranium-238	0.81	J	pCi/g	0.22	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Uranium-238	1.02		pCi/g	0.24	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Uranium-238	1.06		pCi/g	0.25	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Uranium-238	1		pCi/g	0.24	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Uranium-238	1.16		pCi/g	0.27	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Uranium-238	0.89	J	pCi/g	0.21	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Uranium-238	1.02		pCi/g	0.23	0.03	0.03	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Uranium-238	0.94	J	pCi/g	0.21	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Uranium-238	1.08		pCi/g	0.26	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Uranium-238	0.94	J	pCi/g	0.24	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Uranium-238	0.97	J	pCi/g	0.24	0.04	0.04	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Uranium-238	1.36		pCi/g	0.31	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Uranium-238	1.04		pCi/g	0.27	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Uranium-238	0.96	J	pCi/g	0.24	0.07	0.07	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Uranium-238	1.51		pCi/g	0.32	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Uranium-238	0.89	J	pCi/g	0.22	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Uranium-238	0.92	J	pCi/g	0.22	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Uranium-238	0.91	J	pCi/g	0.23	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Uranium-238	1.59		pCi/g	0.35	0.08	0.08	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Uranium-238	0.94	J	pCi/g	0.23	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Uranium-238	1.09		pCi/g	0.26	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Uranium-238	1.47		pCi/g	0.3	0.06	0.06	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Uranium-238	0.91	J	pCi/g	0.26	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Uranium-238	1.23		pCi/g	0.27	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Uranium-238	1.59		pCi/g	0.32	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Uranium-238	0.92	J	pCi/g	0.23	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Uranium-238	1.66		pCi/g	0.33	0.03	0.03	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Uranium-238	1.86		pCi/g	0.34	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Uranium-238	0.89	J	pCi/g	0.22	0.09	0.09	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Uranium-238	1.16		pCi/g	0.27	0.09	0.09	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Uranium-238	2.01		pCi/g	0.41	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Uranium-238	1.17		pCi/g	0.26	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Uranium-238	1.95		pCi/g	0.34	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Uranium-238	2.37		pCi/g	0.37	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Uranium-238	0.86	J	pCi/g	0.2	0.05	0.05	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Uranium-238	1.17		pCi/g	0.25	0.03	0.03	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Uranium-238	1.24		pCi/g	0.27	0.03	0.03	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Uranium-238	1.14		pCi/g	0.28	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Uranium-238	1.03		pCi/g	0.25	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Uranium-238	1.42		pCi/g	0.36	0.12	0.12	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Uranium-238	0.93	J	pCi/g	0.22	0.06	0.06	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Uranium-238	0.95	J	pCi/g	0.26	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Uranium-238	1.01		pCi/g	0.27	0.1	0.1	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Uranium-238	0.65	J	pCi/g	0.22	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Uranium-238	1.01		pCi/g	0.25	0.1	0.1	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Uranium-238	1.36		pCi/g	0.32	0.04	0.04	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Uranium-238	1.05		pCi/g	0.25	0.03	0.03	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Uranium-238	0.93	J	pCi/g	0.23	0.08	0.08	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Uranium-238	1.2		pCi/g	0.27	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Uranium-238	0.69	J	pCi/g	0.18	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Uranium-238	0.87	J	pCi/g	0.22	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Uranium-238	0.94	J	pCi/g	0.23	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Uranium-238	1.15		pCi/g	0.27	0.1	0.1	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Uranium-238	1.02		pCi/g	0.24	0.03	0.03	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Uranium-238	2.02		pCi/g	0.38	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Uranium-238	1.06		pCi/g	0.25	0.08	0.08	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Uranium-238	1.27		pCi/g	0.28	0.07	0.07	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Uranium-238	2.28		pCi/g	0.41	0.09	0.09	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Uranium-238	1.03		pCi/g	0.24	0.05	0.05	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Uranium-238	0.95	J	pCi/g	0.23	0.06	0.06	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Uranium-238	2.21		pCi/g	0.38	0.07	0.07	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Vanadium	44.9	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Vanadium	25.5	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Vanadium	30.5	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Vanadium	34.1	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Vanadium	33.5	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Vanadium	20.2		mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Vanadium	29.6		mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Vanadium	23.9		mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Vanadium	22.9		mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Vanadium	23.6	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Vanadium	30.8	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Vanadium	34.6	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Vanadium	36	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Vanadium	39.9	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Vanadium	33.9	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Vanadium	34.2	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Vanadium	30.5	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Vanadium	36.6	J	mg/kg		1	0.5535	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Vanadium	40.6	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Vanadium	36.2	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Vanadium	28.1	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Vanadium	34.5	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Vanadium	34.1	J	mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Vanadium	28.3	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Vanadium	35.5	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Vanadium	31.1	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Vanadium	28.8	J	mg/kg		1.1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Vanadium	54.2	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Vanadium	59.1	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Vanadium	49.2	J	mg/kg		1.1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Vanadium	55.3	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Vanadium	50	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Vanadium	57.5	J	mg/kg		1.1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Vanadium	57.3	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Vanadium	43.9	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Vanadium	49.2	J	mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Vanadium	47.1	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Vanadium	38.4	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Vanadium	42.5	J	mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Vanadium	35		mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Vanadium	28.6		mg/kg		1.3	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Vanadium	35.9		mg/kg		1.1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Vanadium	33.5	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Vanadium	41.2		mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Vanadium	29.2	J	mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Vanadium	36.9	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Vanadium	35.6	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Vanadium	32.5	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Vanadium	21.8	J	mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Vanadium	38.9	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Vanadium	31.6	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Vanadium	42.9	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Vanadium	45.6	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Vanadium	42.1	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Vanadium	48	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Vanadium	47.3	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Vanadium	40.4	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Vanadium	47.6	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Vanadium	46.2	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Vanadium	41.9	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Vanadium	32.6	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Vanadium	44.9	J	mg/kg		1	0.5535	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Vanadium	36.1	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Vanadium	41.1	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Vanadium	45.1	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Vanadium	36.7	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Vanadium	33.8	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Vanadium	51.8	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Vanadium	46.8	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Vanadium	43.6	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Vanadium	40.5	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Vanadium	34.7	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Vanadium	41.6	J	mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Vanadium	33.4	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Vanadium	47	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Vanadium	37	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Vanadium	39.4	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Vanadium	43.4	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Vanadium	42.7	J	mg/kg		1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Vanadium	44.4	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Vanadium	33.9	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Vanadium	50.3	J	mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Vanadium	38.8	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Vanadium	46.1	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Vanadium	48	J	mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Vanadium	56	J	mg/kg		1.1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Vanadium	43.9		mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Vanadium	33.5		mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Vanadium	48.6		mg/kg		1.1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Vanadium	46.8	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Vanadium	38	J	mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Vanadium	35.6	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Vanadium	32.5	J	mg/kg		1	0.5535	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Vanadium	36.4	J	mg/kg		1.1	0.5535	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Vanadium	40.3	J	mg/kg		1	0.5535	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Zinc	48		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Zinc	20.7		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Zinc	19.7		mg/kg		2	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Zinc	48.5		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Zinc	25.4		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Zinc	15.4		mg/kg		2	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Zinc	42.7		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Zinc	17.6		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Zinc	17.1		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Zinc	31.7		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Zinc	25.9		mg/kg		2	0.2207	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Zinc	26.3		mg/kg		2	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Zinc	42.3		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Zinc	26.9		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Zinc	24.4		mg/kg		2	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Zinc	43.1		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Zinc	26.9		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Zinc	28.5		mg/kg		2	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Zinc	38.9		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Zinc	25.5		mg/kg		2	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Zinc	22.3		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Zinc	35.8		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Zinc	25.8		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Zinc	20.4		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Zinc	48.2		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Zinc	24.5		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Zinc	21.9		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Zinc	42.2		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Zinc	43.8		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Zinc	43		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Zinc	43.1		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Zinc	42.8		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Zinc	43.4		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Zinc	38.5		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Zinc	49.1		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Zinc	43.2		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Zinc	41.6		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Zinc	29.3		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Zinc	40.2		mg/kg		2.2	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Zinc	39		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Zinc	35.5		mg/kg		2.5	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Zinc	51.7		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Zinc	33.7		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Zinc	37.7		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Zinc	33.1		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Zinc	34.8		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Zinc	30.4		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Zinc	34.4		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Zinc	32.2		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Zinc	46		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Zinc	51.6	J+	mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Zinc	48.6	J+	mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Zinc	39.6	J+	mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Zinc	51.2	J+	mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Zinc	41.6	J+	mg/kg		2.1	0.2207	5

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Zinc	41.9	J+	mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Zinc	52	J+	mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Zinc	39.7	J+	mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Zinc	40	J+	mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Zinc	121		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Zinc	31.2		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Zinc	38.2		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Zinc	52.1	J+	mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Zinc	51.3		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Zinc	38.9		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Zinc	55.2		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Zinc	39.1		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Zinc	40.3		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Zinc	41.6	J+	mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Zinc	36	J+	mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Zinc	34.3	J+	mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Zinc	32.5	J+	mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Zinc	35.6	J+	mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Zinc	34.1	J+	mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Zinc	35.7	J+	mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Zinc	35.8	J+	mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Zinc	36.9	J+	mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Zinc	45.9		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Zinc	37.9		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Zinc	37.4		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Zinc	38.9		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Zinc	40.5		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Zinc	27.8		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Zinc	63.6		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Zinc	45		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Zinc	34.9		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Zinc	60.4		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Zinc	28.5		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Zinc	30.8		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Zinc	44.4		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Zinc	34.1		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Zinc	22.8		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Zinc	41.9		mg/kg		2	0.2207	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Zinc	31.1		mg/kg		2.1	0.2207	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Zinc	29.4		mg/kg		2.1	0.2207	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-0-0.5	BRC-BKG-01A	Zirconium	121	J-	mg/kg		50.8	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-4-6	BRC-BKG-01A	Zirconium	105	J-	mg/kg		51.6	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01A-9-11	BRC-BKG-01A	Zirconium	106	J-	mg/kg		51.1	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-0-0.5	BRC-BKG-01B	Zirconium	112	J-	mg/kg		50.3	0.0874	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-4-6	BRC-BKG-01B	Zirconium	117	J-	mg/kg		51.4	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01B-9-11	BRC-BKG-01B	Zirconium	91.9		mg/kg		51.1	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-0-0.5	BRC-BKG-01C	Zirconium	103		mg/kg		50.7	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-4-6	BRC-BKG-01C	Zirconium	120		mg/kg		51.6	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-01C-9-11	BRC-BKG-01C	Zirconium	93.8		mg/kg		51.6	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-0-0.5	BRC-BKG-02A	Zirconium	99.3	J-	mg/kg		50.6	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-4-6	BRC-BKG-02A	Zirconium	125	J-	mg/kg		51.1	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02A-9-11	BRC-BKG-02A	Zirconium	125	J-	mg/kg		50.8	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-0-0.5	BRC-BKG-02B	Zirconium	130	J-	mg/kg		50.6	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-4-6	BRC-BKG-02B	Zirconium	138	J-	mg/kg		51.1	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02B-9-11	BRC-BKG-02B	Zirconium	126	J-	mg/kg		50.9	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-0-0.5	BRC-BKG-02C	Zirconium	134	J-	mg/kg		50.6	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-4-6	BRC-BKG-02C	Zirconium	131		mg/kg		51.6	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-02C-9-11	BRC-BKG-02C	Zirconium	133		mg/kg		51	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-0-0.5	BRC-BKG-03A	Zirconium	111		mg/kg		50.3	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-3-7	BRC-BKG-03A	Zirconium	112		mg/kg		51.1	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03A-9-11	BRC-BKG-03A	Zirconium	112		mg/kg		51.1	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-0-0.5	BRC-BKG-03B	Zirconium	123		mg/kg		50.3	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-4-6	BRC-BKG-03B	Zirconium	108		mg/kg		52.5	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03B-9-11	BRC-BKG-03B	Zirconium	102		mg/kg		51.7	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-0-0.5	BRC-BKG-03C	Zirconium	133		mg/kg		50.6	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-4-6	BRC-BKG-03C	Zirconium	124		mg/kg		51.9	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-03C-9-11	BRC-BKG-03C	Zirconium	101		mg/kg		52.3	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-0-0.5	BRC-BKG-04A	Zirconium	146	J	mg/kg		10.2	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-4-6	BRC-BKG-04A	Zirconium	175	J	mg/kg		10.4	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04A-9-11	BRC-BKG-04A	Zirconium	164	J	mg/kg		10.7	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-0-0.5	BRC-BKG-04B	Zirconium	168	J	mg/kg		10.2	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-4-6	BRC-BKG-04B	Zirconium	167	J	mg/kg		10.4	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04B-9-11	BRC-BKG-04B	Zirconium	177	J	mg/kg		10.5	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-0-0.5	BRC-BKG-04C	Zirconium	176	J	mg/kg		10.2	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C1-0-0.5	BRC-BKG-04C	Zirconium	119	J	mg/kg		10.1	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-4-6	BRC-BKG-04C	Zirconium	178	J	mg/kg		10.5	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-04C-9-11	BRC-BKG-04C	Zirconium	165	J	mg/kg		10.4	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-0-0.5	BRC-BKG-05A	Zirconium	167	J	mg/kg		10.2	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05A-4-6	BRC-BKG-05A	Zirconium	179	J	mg/kg		10.8	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-0-0.5	BRC-BKG-05A	Zirconium	127		mg/kg		50.6	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-4-6	BRC-BKG-05A	Zirconium	144		mg/kg		63.1	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05AR-9-11	BRC-BKG-05A	Zirconium	151		mg/kg		52.8	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05B-0-0.5	BRC-BKG-05B	Zirconium	154	J	mg/kg		10.2	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-0-0.5	BRC-BKG-05B	Zirconium	133		mg/kg		50.7	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-4-6	BRC-BKG-05B	Zirconium	135	J	mg/kg		52.5	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05BR-9-11	BRC-BKG-05B	Zirconium	129	J	mg/kg		51.8	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-05C-0-0.5	BRC-BKG-05C	Zirconium	158	J	mg/kg		10.1	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-0-0.5	BRC-BKG-05C	Zirconium	140	J	mg/kg		50.5	0.0874	0

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-4-6	BRC-BKG-05C	Zirconium	152	J	mg/kg		53.1	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-05CR-9-11	BRC-BKG-05C	Zirconium	152	J	mg/kg		51.8	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-0-0.5	BRC-BKG-06A	Zirconium	117	J	mg/kg		50.6	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-4-6	BRC-BKG-06A	Zirconium	139	J	mg/kg		51.2	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06A-9-11	BRC-BKG-06A	Zirconium	119	J	mg/kg		51.3	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-0-0.5	BRC-BKG-06B	Zirconium	120	J	mg/kg		50.5	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-4-6	BRC-BKG-06B	Zirconium	135	J	mg/kg		51.8	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06B-9-11	BRC-BKG-06B	Zirconium	123	J	mg/kg		51.8	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-0-0.5	BRC-BKG-06C	Zirconium	123	J	mg/kg		50.6	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-4-6	BRC-BKG-06C	Zirconium	134	J	mg/kg		52	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-06C-8-12	BRC-BKG-06C	Zirconium	124	J	mg/kg		51.8	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-0-0.5	BRC-BKG-07A	Zirconium	118	J-	mg/kg		50.7	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-4-6	BRC-BKG-07A	Zirconium	108	J-	mg/kg		51.9	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07A-9-11	BRC-BKG-07A	Zirconium	94.9	J-	mg/kg		52	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-0-0.5	BRC-BKG-07B	Zirconium	112	J	mg/kg		50.5	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-4-6	BRC-BKG-07B	Zirconium	132	J-	mg/kg		51.4	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07B-9-11	BRC-BKG-07B	Zirconium	103	J-	mg/kg		52	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-0-0.5	BRC-BKG-07C	Zirconium	120	J-	mg/kg		50.5	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-4-6	BRC-BKG-07C	Zirconium	113	J-	mg/kg		51.9	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-07C-9-11	BRC-BKG-07C	Zirconium	107	J-	mg/kg		51.7	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-0-0.5	BRC-BKG-08A	Zirconium	141	J	mg/kg		50.4	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-4-6	BRC-BKG-08A	Zirconium	148	J	mg/kg		51.7	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08A-9-11	BRC-BKG-08A	Zirconium	145	J	mg/kg		51.6	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-0-0.5	BRC-BKG-08B	Zirconium	132	J	mg/kg		50.6	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-4-6	BRC-BKG-08B	Zirconium	157	J	mg/kg		53.1	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08B-9-11	BRC-BKG-08B	Zirconium	158	J	mg/kg		52.2	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-0-0.5	BRC-BKG-08C	Zirconium	132	J	mg/kg		50.6	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-4-6	BRC-BKG-08C	Zirconium	149	J	mg/kg		52.2	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-08C-9-11	BRC-BKG-08C	Zirconium	142	J	mg/kg		51.6	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-0-0.5	BRC-BKG-09A	Zirconium	166	J	mg/kg		10.1	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-4-6	BRC-BKG-09A	Zirconium	138	J	mg/kg		10.4	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09A-9-11	BRC-BKG-09A	Zirconium	149	J	mg/kg		10.5	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-0-0.5	BRC-BKG-09B	Zirconium	117	J	mg/kg		10.1	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-4-6	BRC-BKG-09B	Zirconium	146	J	mg/kg		10.5	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09B-9-11	BRC-BKG-09B	Zirconium	134	J	mg/kg		10.3	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-0-0.5	BRC-BKG-09C	Zirconium	145	J	mg/kg		10.1	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-4-6	BRC-BKG-09C	Zirconium	151	J	mg/kg		10.6	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-09C-9-11	BRC-BKG-09C	Zirconium	171	J	mg/kg		10.5	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-0-0.5	BRC-BKG-11A	Zirconium	119		mg/kg		50.4	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-4-6	BRC-BKG-11A	Zirconium	127		mg/kg		52.7	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11A-9-11	BRC-BKG-11A	Zirconium	112		mg/kg		52.8	0.0874	10
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-0-0.5	BRC-BKG-11B	Zirconium	118	J	mg/kg		50.5	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-4-6	BRC-BKG-11B	Zirconium	116	J	mg/kg		52.6	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11B-9-11	BRC-BKG-11B	Zirconium	86.1	J	mg/kg		52.1	0.0874	10

TABLE E-1. Background Data Used in the OU-1 Refined SLERA
Nevada Environmental Response Trust Site
Henderson, Nevada

Data Set	Origin	Sample ID	Location ID	Chemical Name	Result	Interpreted Qualifier	Unit	Rad Error	PQL	SQL	Depth (ft bgs)
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-0-0.5	BRC-BKG-11C	Zirconium	109	J	mg/kg		50.4	0.0874	0
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-4-6	BRC-BKG-11C	Zirconium	117	J	mg/kg		52.9	0.0874	5
BRC/TIMET	MCCULLOUGH	BRC-BKG-11C-9-11	BRC-BKG-11C	Zirconium	103	J	mg/kg		51.9	0.0874	10

Notes:
Some concentration values in the table are negative. Negative values may occur since sample counts are compared to background counts, and background counts reflect naturally occurring radionuclides and cosmic radiation that are detected by laboratory instrumentation. Samples that are not different from background may have a negative value when background radioactivity is subtracted.

µg/kg = Microgram per kilogram
ft bgs = Feet below ground surface
mg/kg = Milligram per kilogram
NERT = Nevada Environmental Response Trust
pCi/g = Average picoCuries per gram
PQL = Practical quantification level
OU-1 = Operable Unit 1
SLERA = Screening level ecological risk assessment
SQL = Sample quantification level

Lab Qualifiers:
B = Indicates that the analyte was found in the associated blank, as well as in the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.
B J = Analyte detected in the associated method blank, result is estimated because is below the reporting limit for the analytical method
J = Indicates an estimated value.
J- = Indicates an estimated value with a negative bias.
J+ = Indicates an estimated value with a positive bias.
U = The analyte was not detected
UJ = The analyte was analyzed for and was not present above the level of the associated value.
UJ- = The analyte was analyzed for and was not present above the level of the associated value with a negative bias.

APPENDIX E-2
BACKGROUND STATISTICAL EVALUATION

Figure E-2a. Background vs. OU-1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit

Figure E-2b. Background vs. OU-1 Refined SLERA Study Area Boxplots for Radionuclides by Spatial Unit

Figure E-2c. Normal and Lognormal Q–Q Plots for Metals (Operations Area)

Figure E-2d. Normal and Lognormal Q–Q Plots for Radionuclides (Operations Area)

Figure E-2e. Normal and Lognormal Q–Q Plots for Metals (Eco DU-1)

Figure E-2f. Normal and Lognormal Q–Q Plots for Radionuclides (Eco DU-1)

Figure E-2g. Normal and Lognormal Q–Q Plots for Metals (Eco DU-2)

Figure E-2h. Normal and Lognormal Q–Q Plots for Radionuclides (Eco DU-2)

Figure E-2i. Normal and Lognormal Q–Q Plots for Metals (Eco DU-3)

Figure E-2j. Normal and Lognormal Q–Q Plots for Radionuclides (Eco DU-3)

Figure E-2k. Normal and Lognormal Q–Q Plots for Metals (Parcel E)

Figure E-2l. Normal and Lognormal Q–Q Plots for Radionuclides (Parcel E)

Figure E-2m. Background vs. OU-1 Refined SLERA Study Area Boxplots for Inorganics by Spatial Unit

Figure E-2n. Normal and Lognormal Q–Q Plots for Inorganics (Operations Area)

Figure E-2o. Normal and Lognormal Q–Q Plots for Inorganics (Eco DU-1)

Figure E-2p. Normal and Lognormal Q–Q Plots for Inorganics (Eco DU-2)

Figure E-2q. Normal and Lognormal Q–Q Plots for Inorganics (Eco DU-3)

Figure E-2r. Normal and Lognormal Q–Q Plots for Inorganics (Parcel E)

Table E-2a. Summary Statistics for Metals in Background (BRC/TIMET Regional) Soils and OU-1 Refined SLERA Study Area Soils

Table E-2b. Background Comparisons for Metals in OU-1 Refined SLERA Study Area Soils

Table E-2c. Summary Statistics for Radionuclides in Background (BRC/TIMET Regional) Soils and OU-1 Refined SLERA Study Area Soils

Table E-2d. Background Comparisons for Radionuclides in OU-1 Refined SLERA Study Area Soils

Table E-2e. Equivalence Test for Secular Equilibrium of Uranium Decay Series (U-238 Chain)

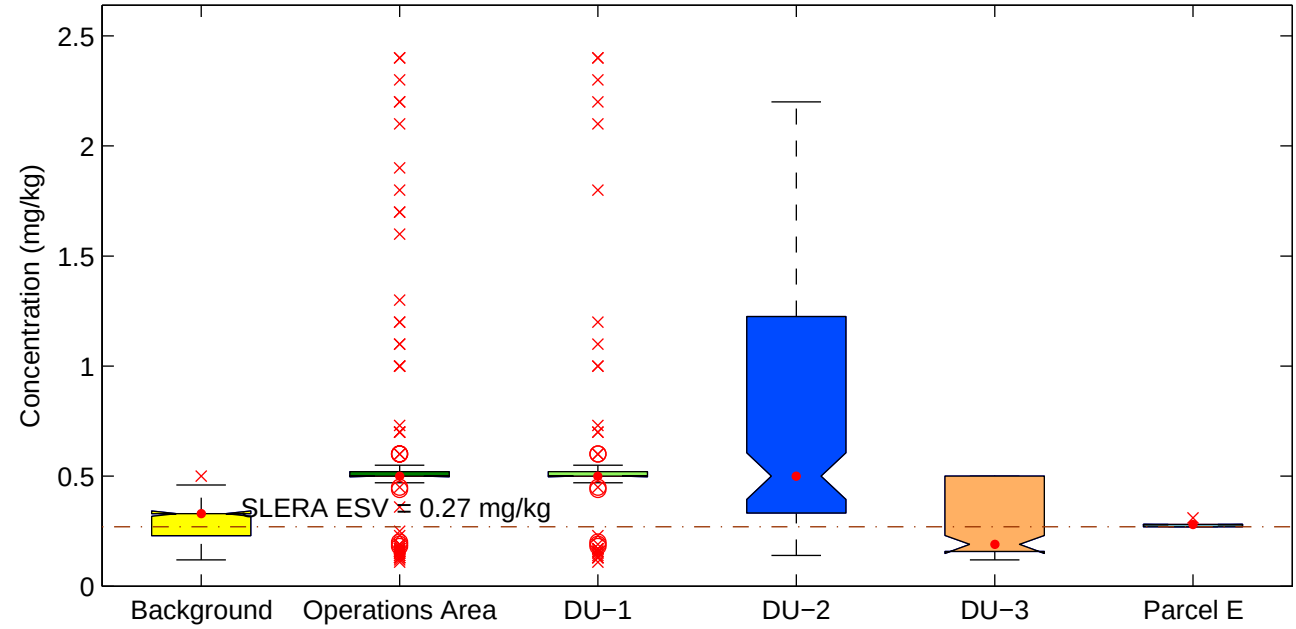
Table E-2f. Equivalence Test for Secular Equilibrium of Thorium Decay Series (Th-232 Chain)

Table E-2g. Correlation Matrices for the Uranium Decay Series and the Thorium Decay Series

Table E-2h. Summary Statistics for Inorganics in Background (BRC/TIMET Regional) Soils and OU-1 Refined SLERA Study Area Soils

Table E-2i. Background Comparisons for Inorganics in OU-1 Refined SLERA Study Area Soils

Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Antimony



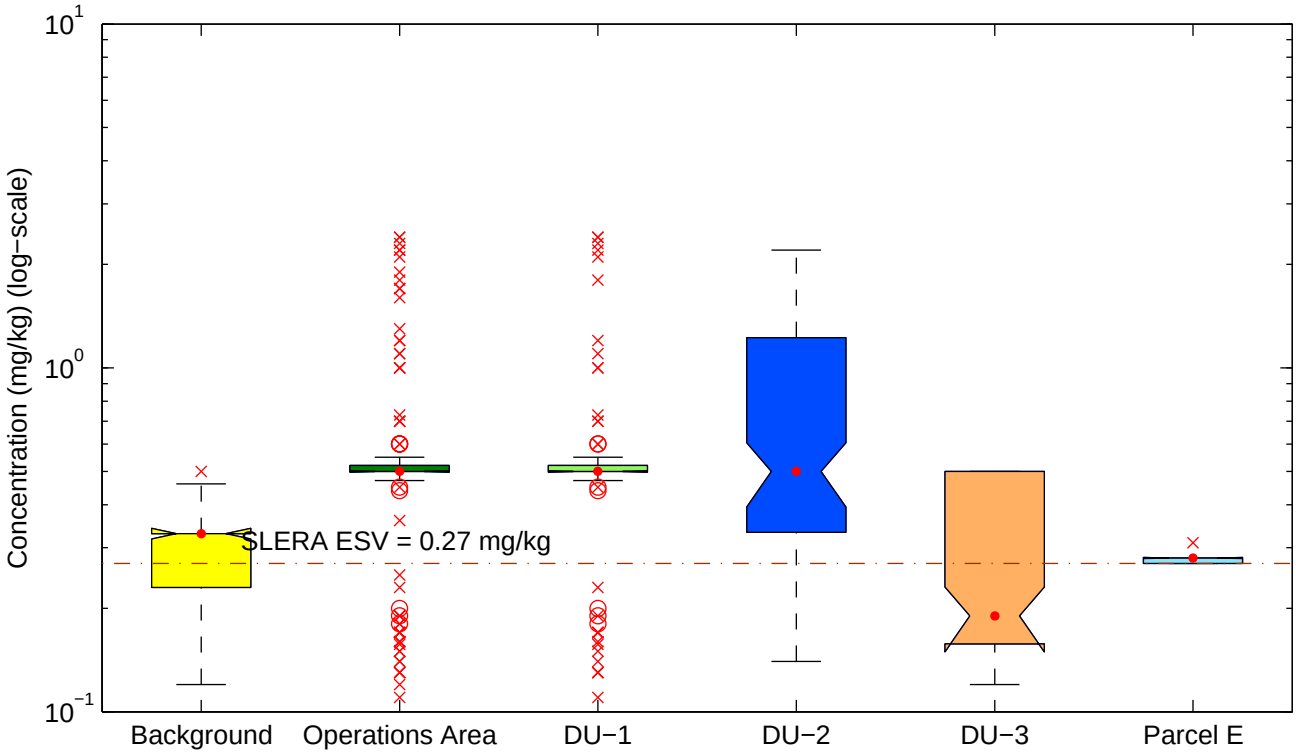
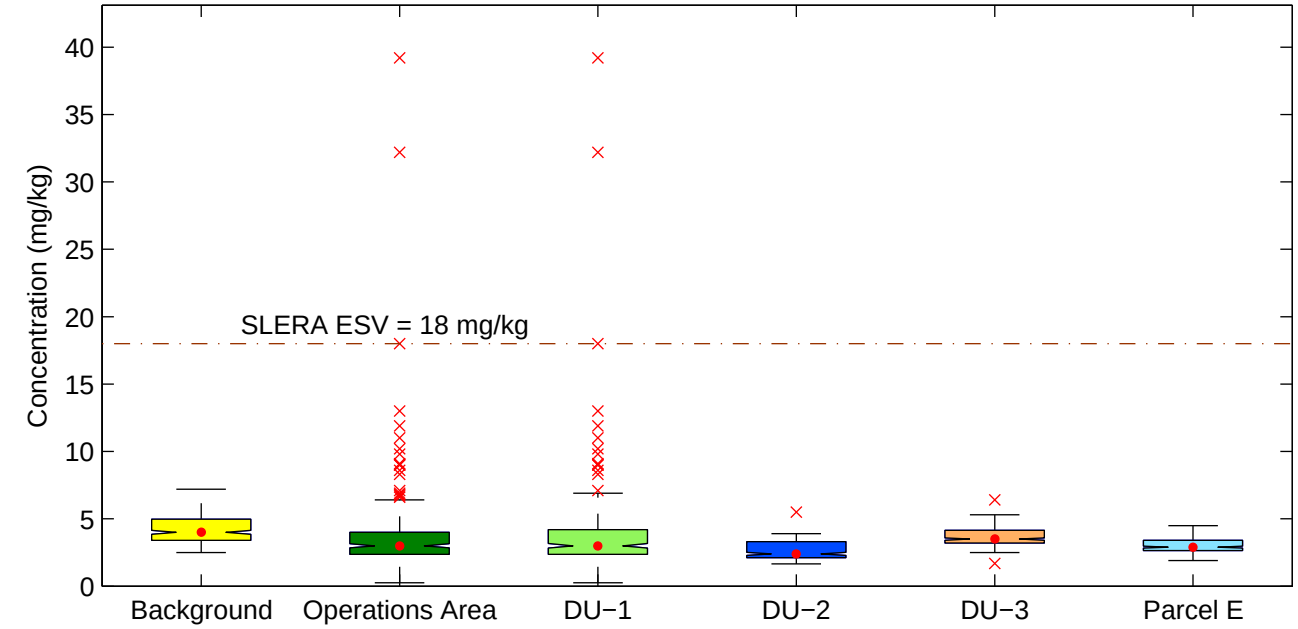


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Arsenic



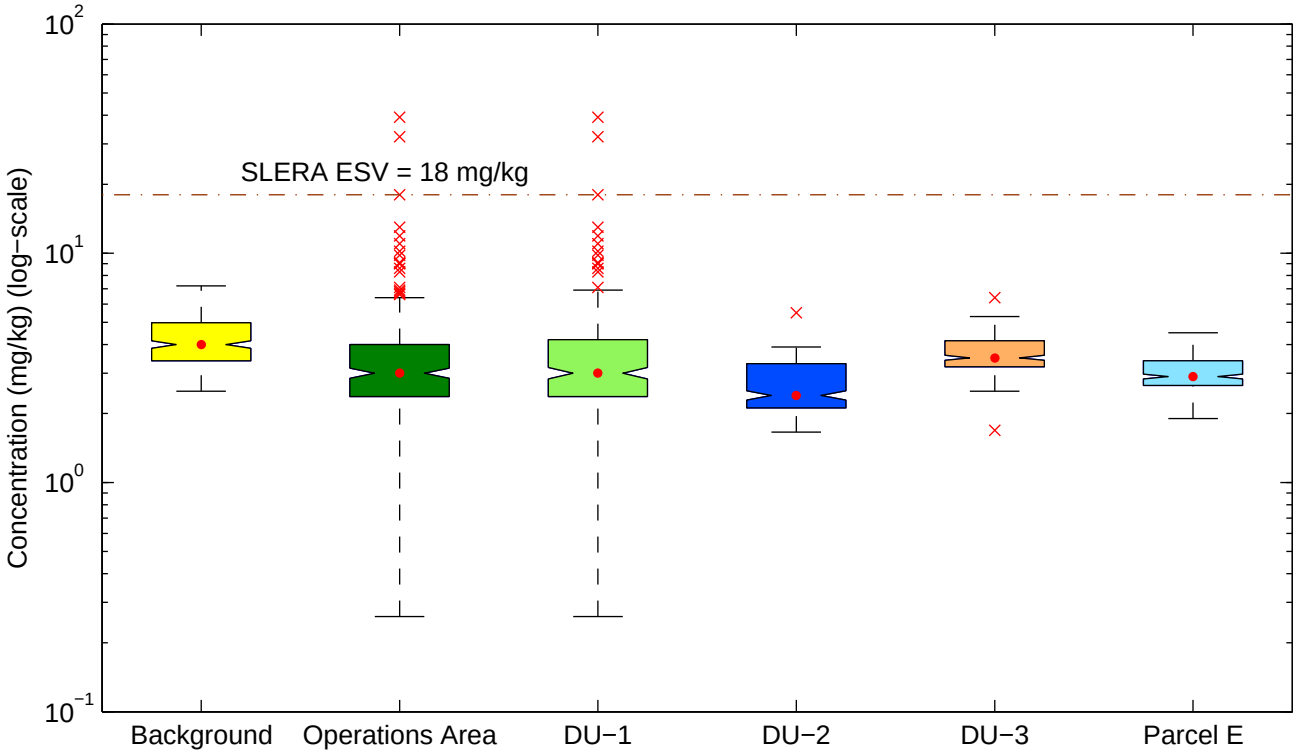
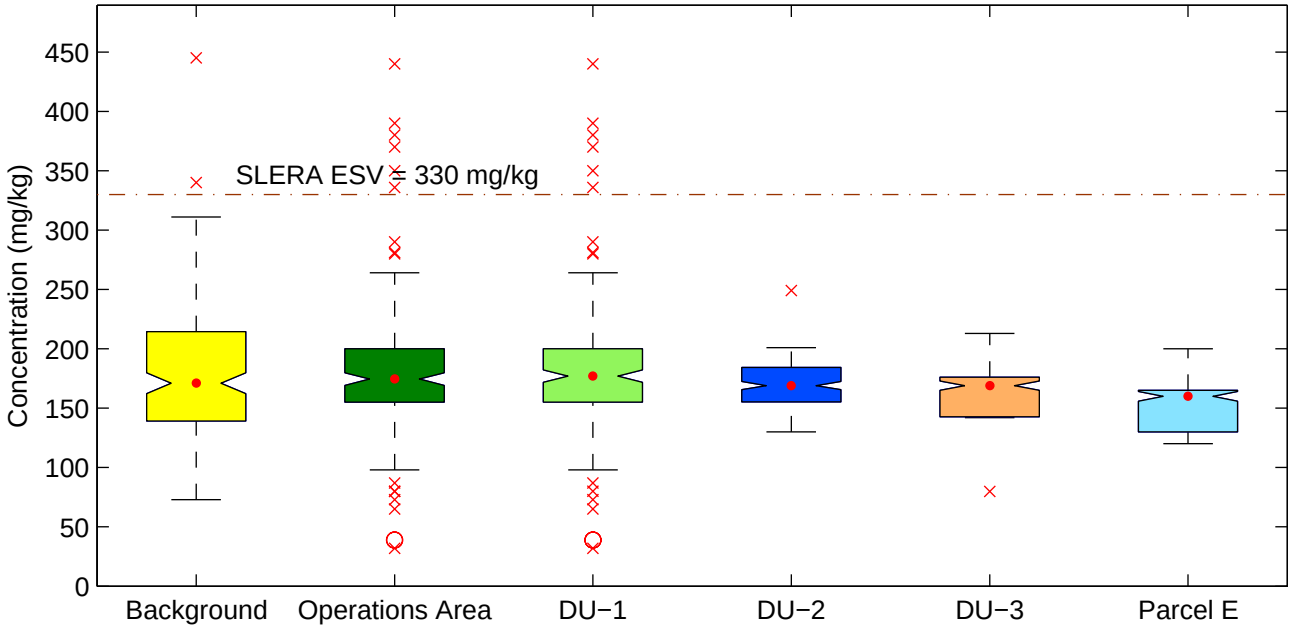


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Barium



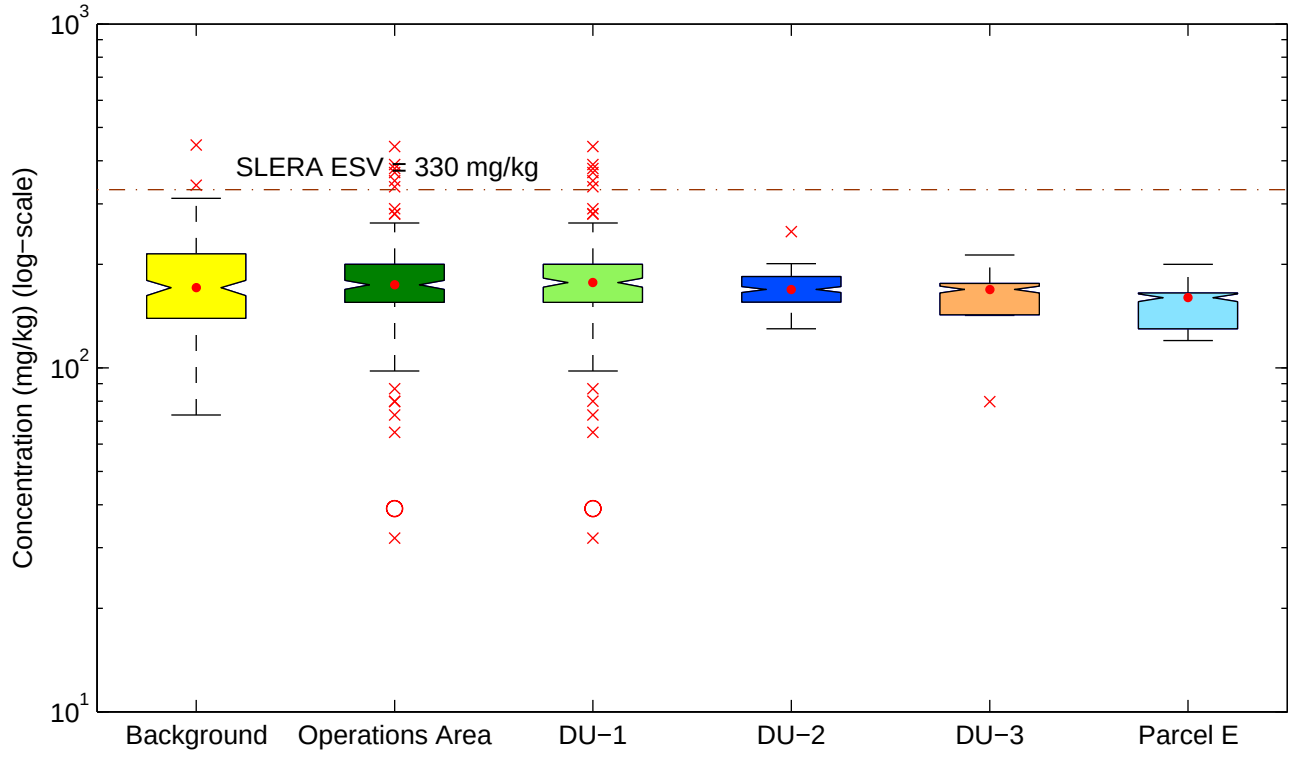
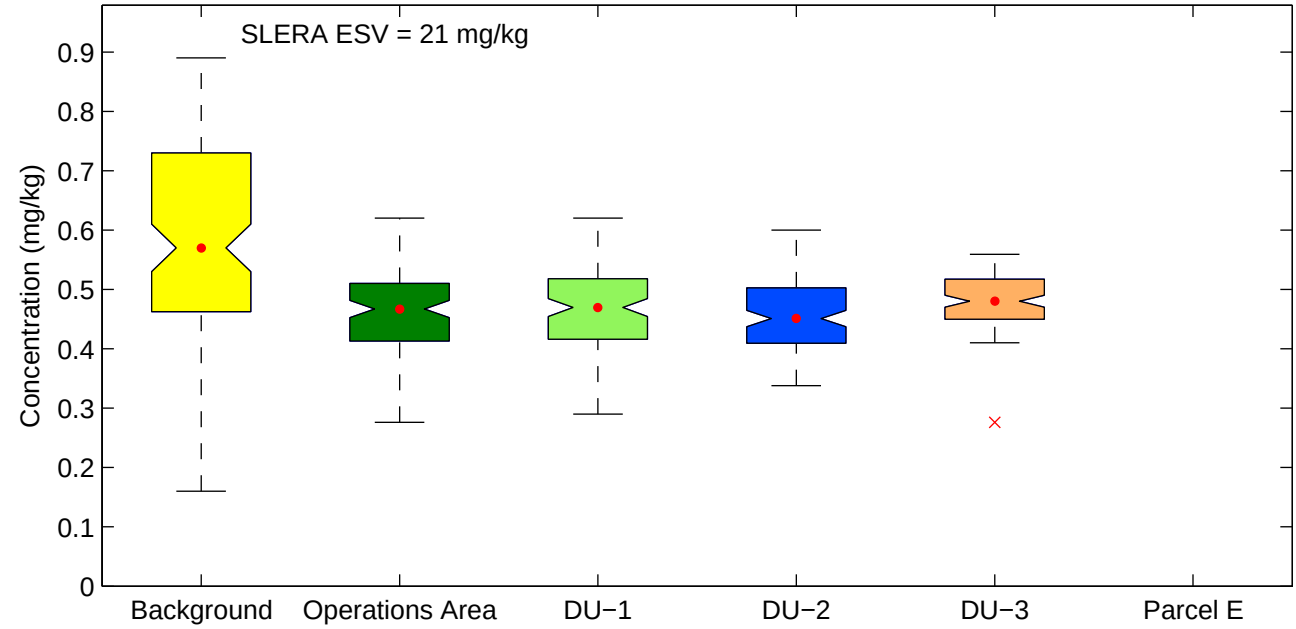


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Beryllium



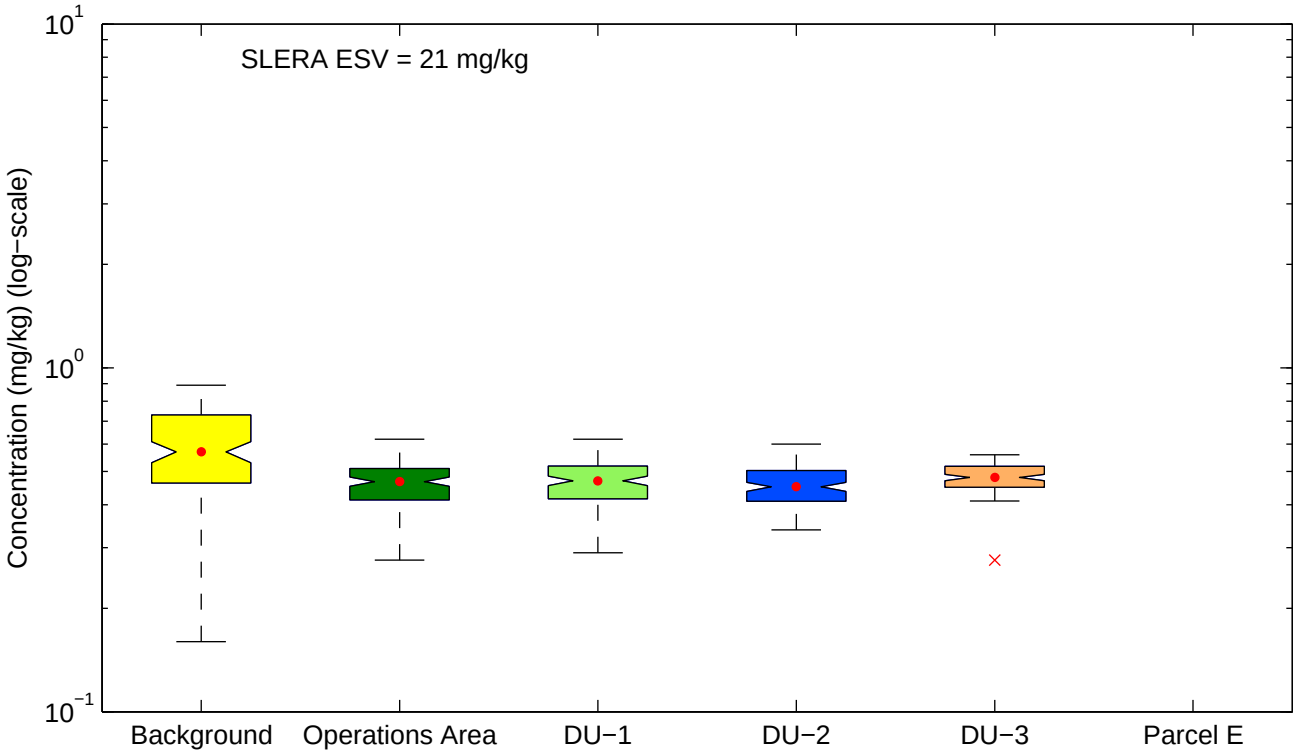
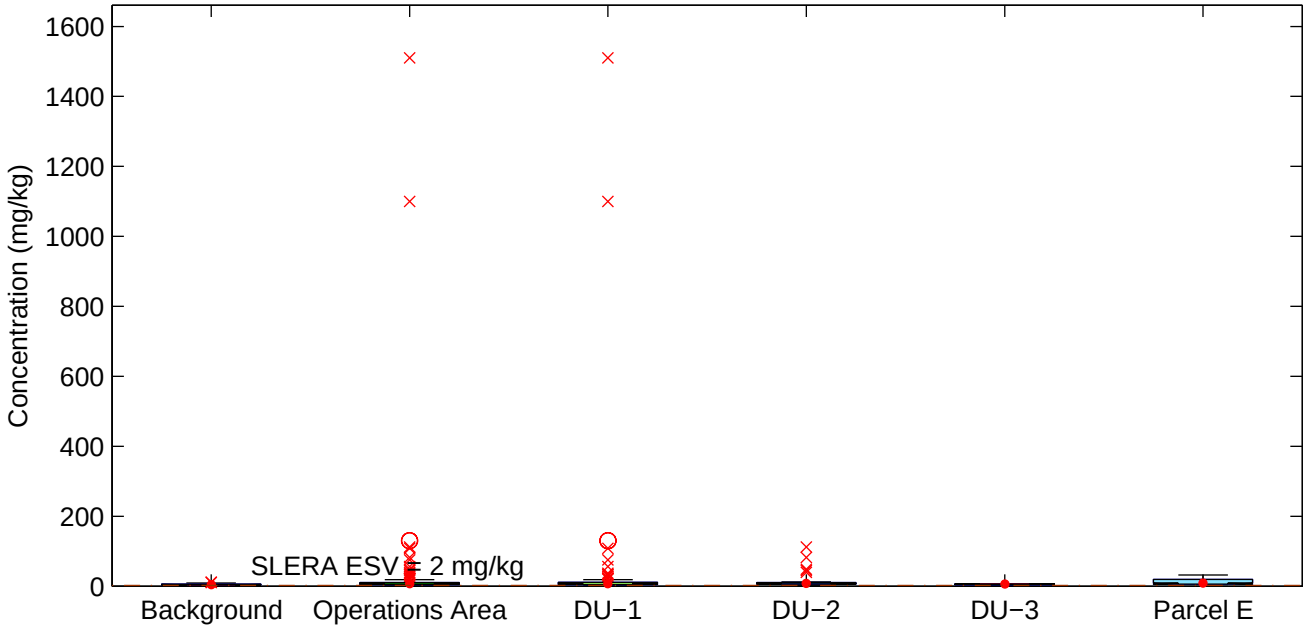


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Boron



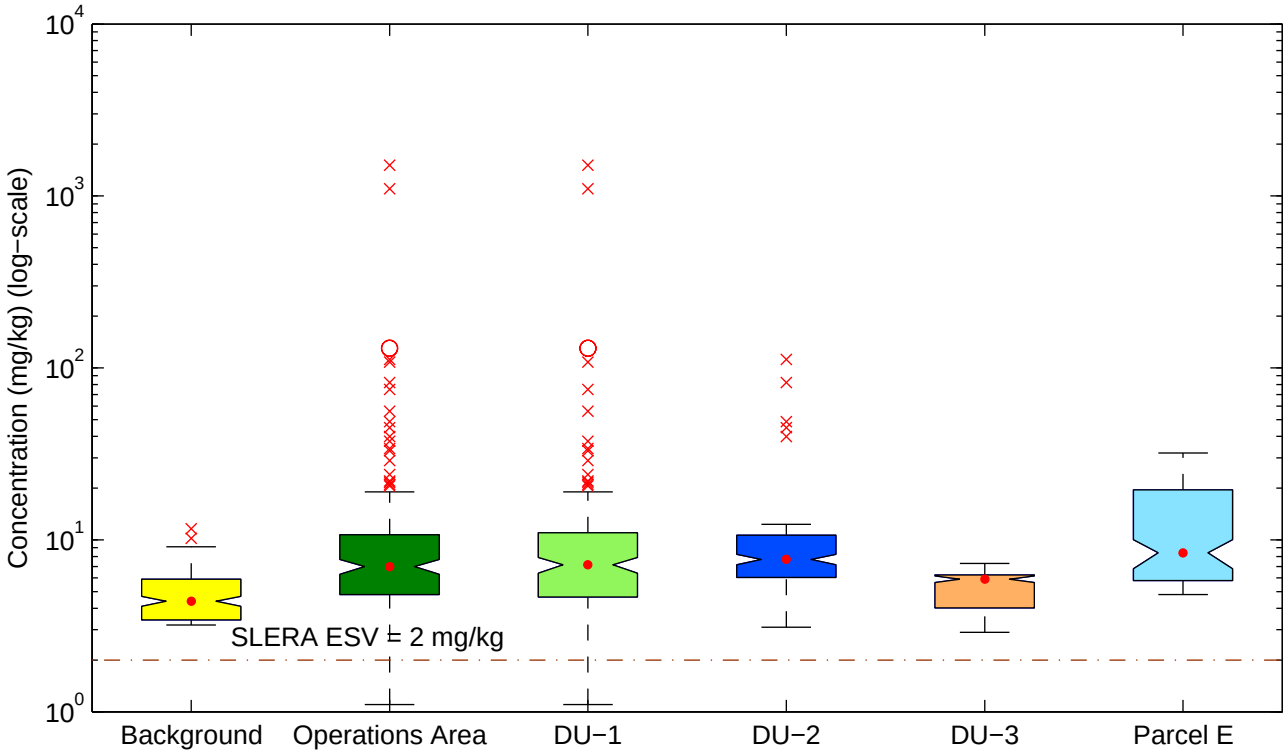
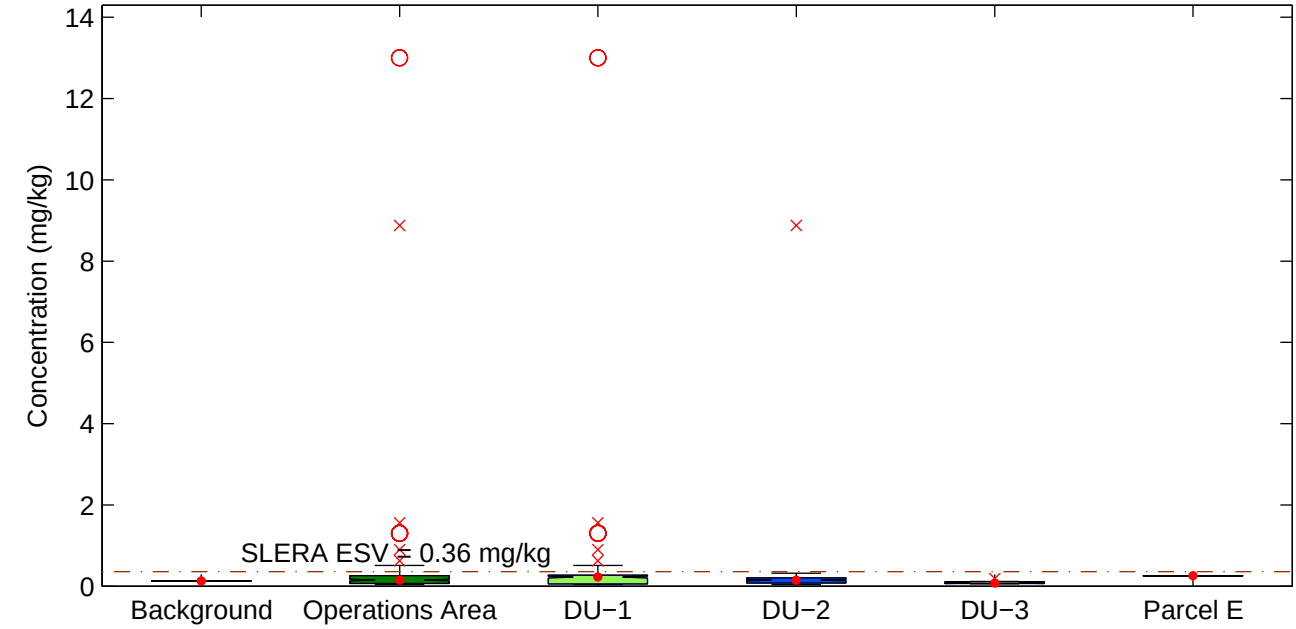


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Cadmium



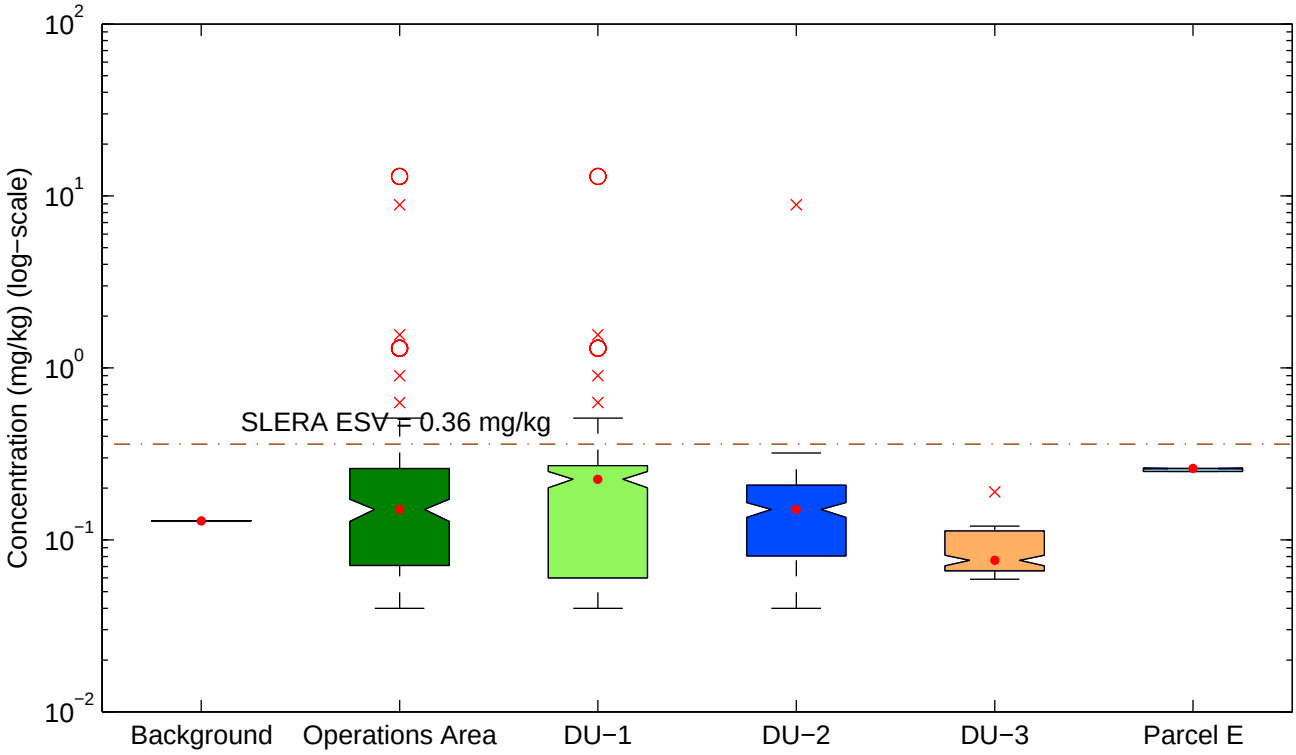
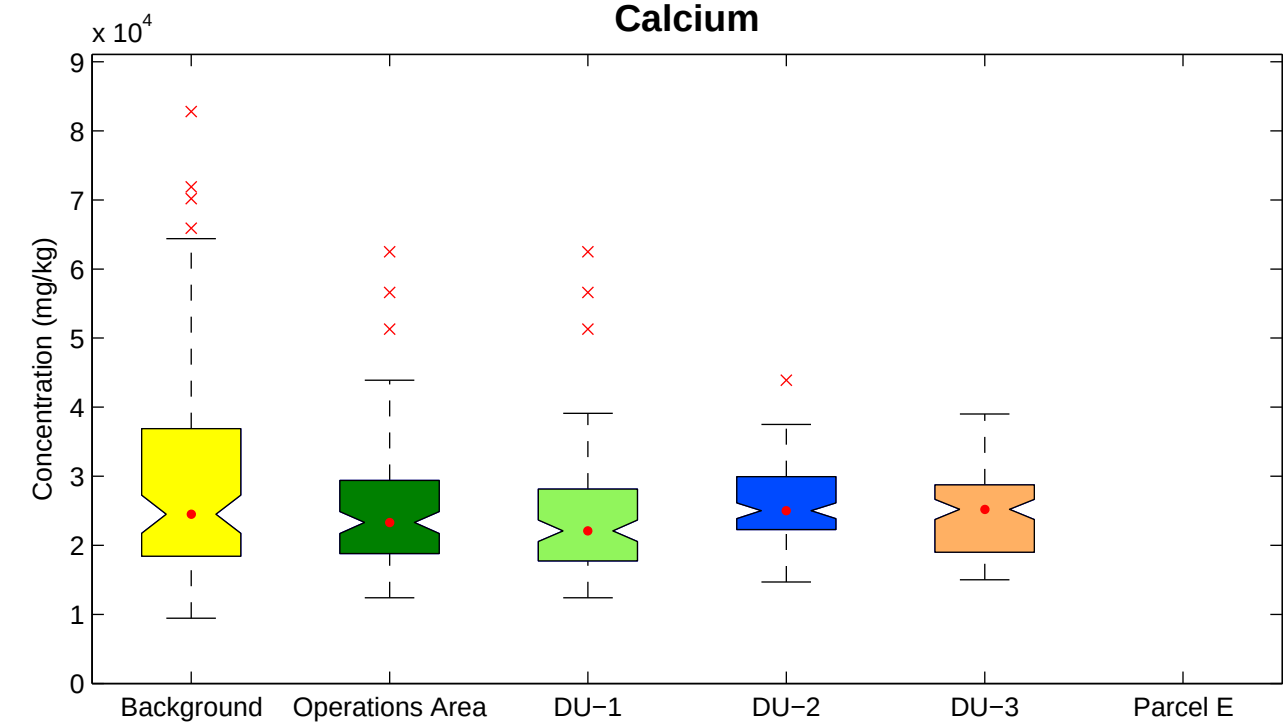


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Calcium



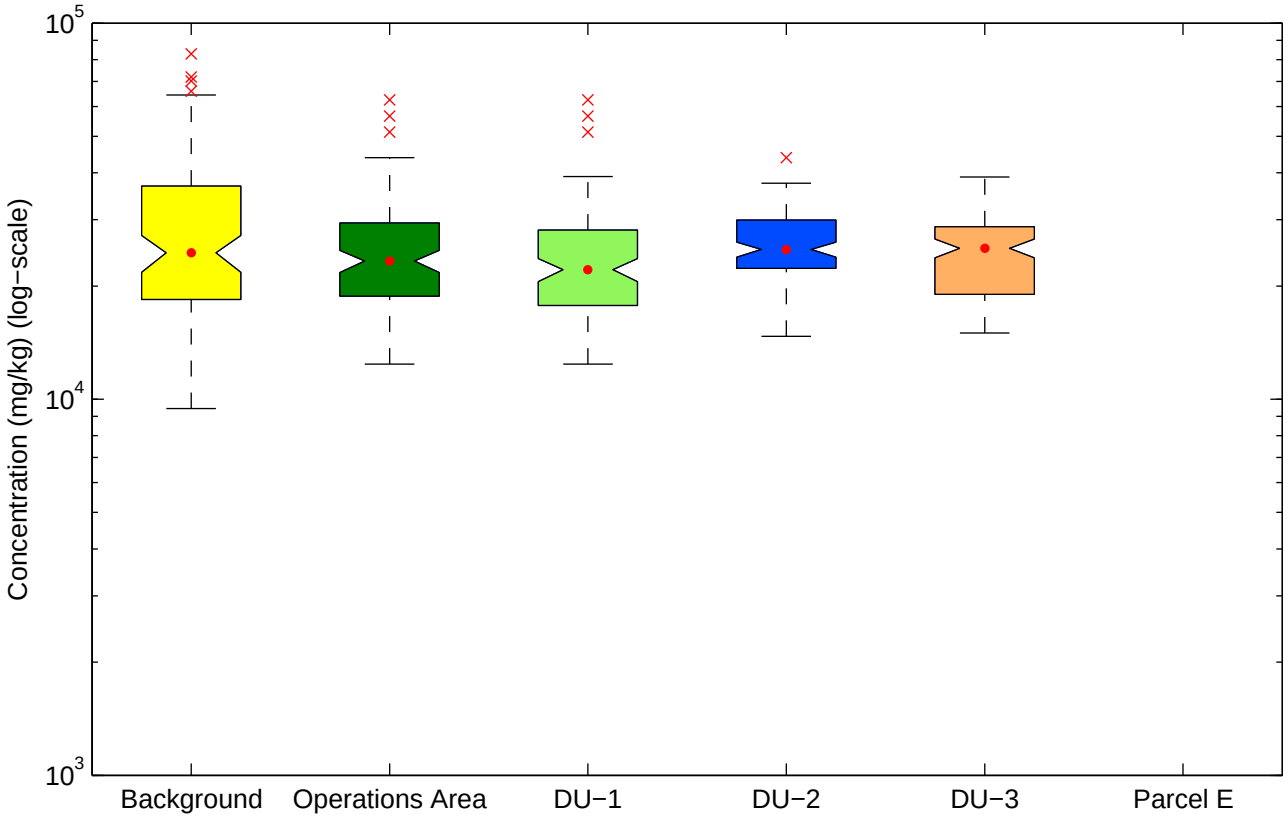
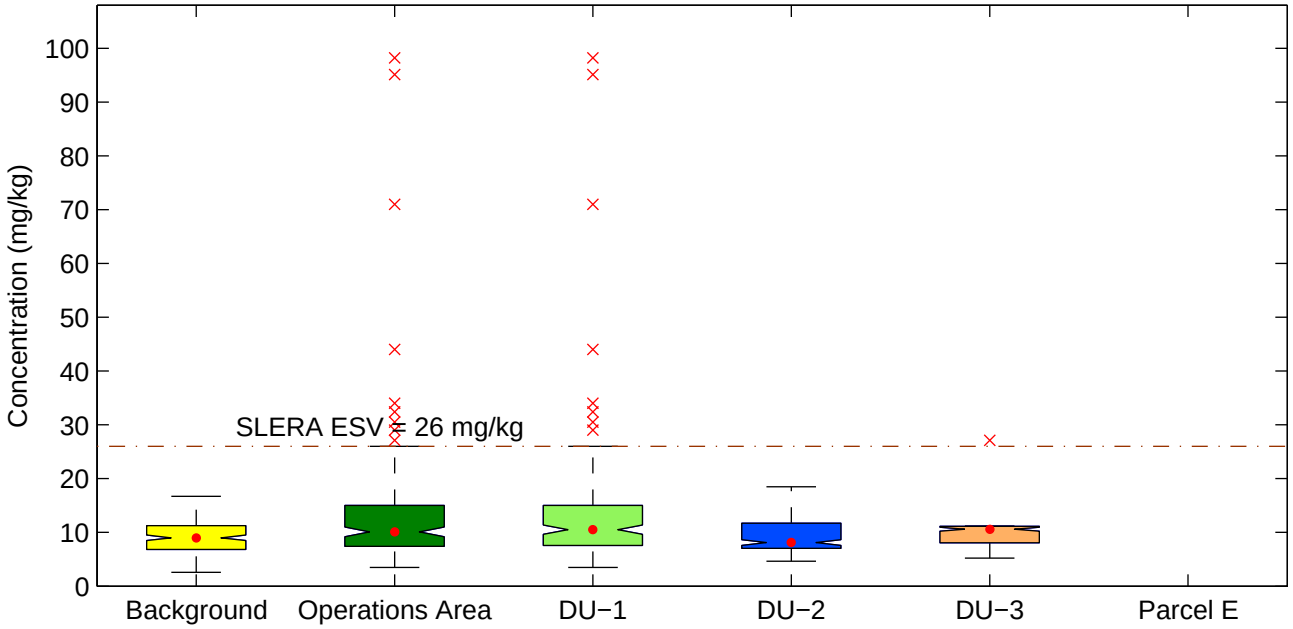


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Chromium (total)



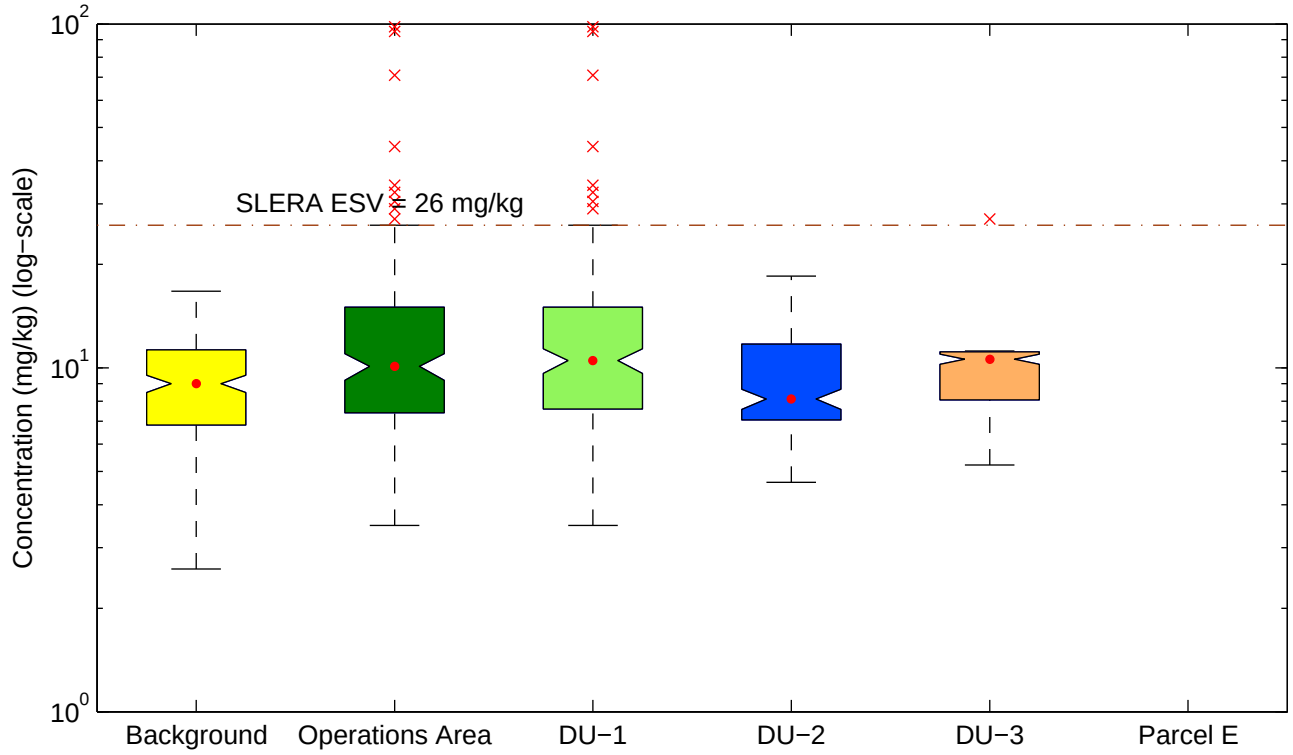
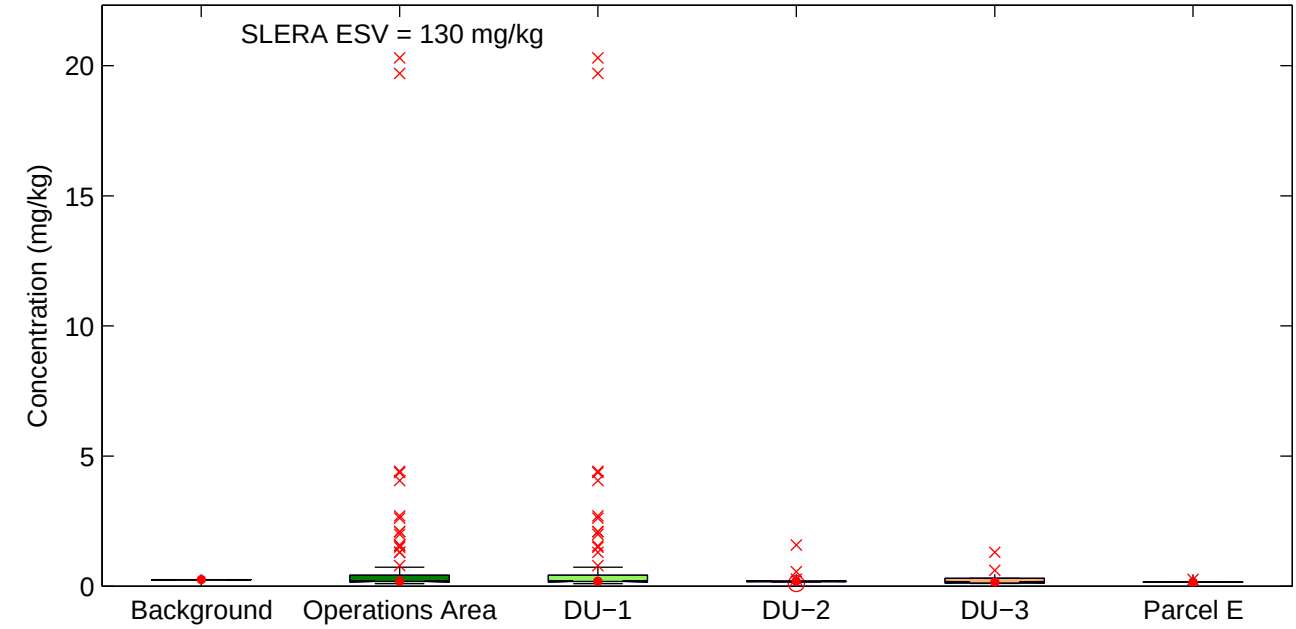


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Chromium VI



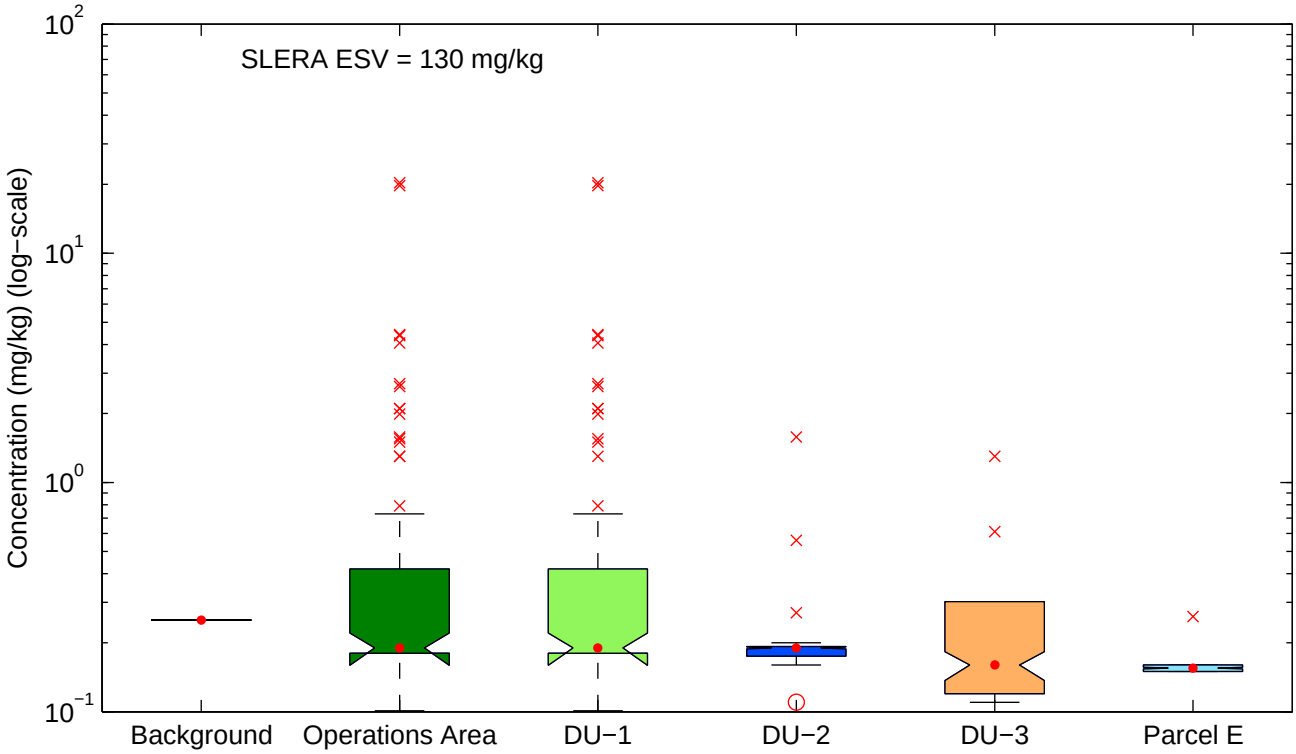
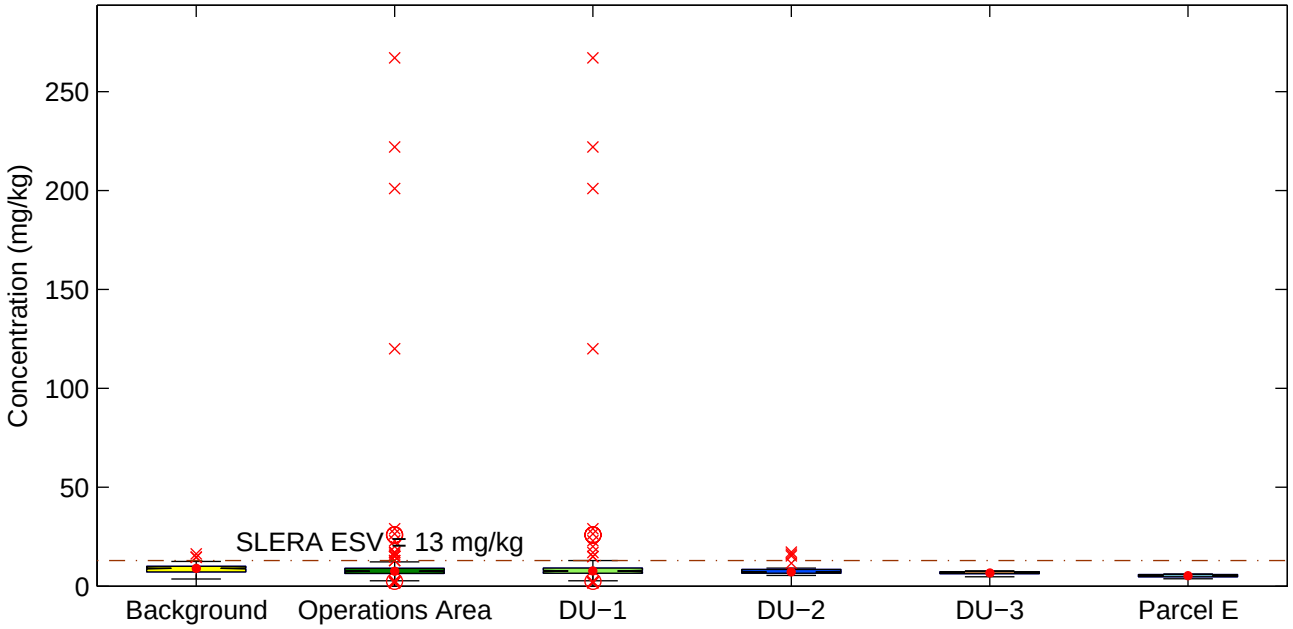


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Cobalt



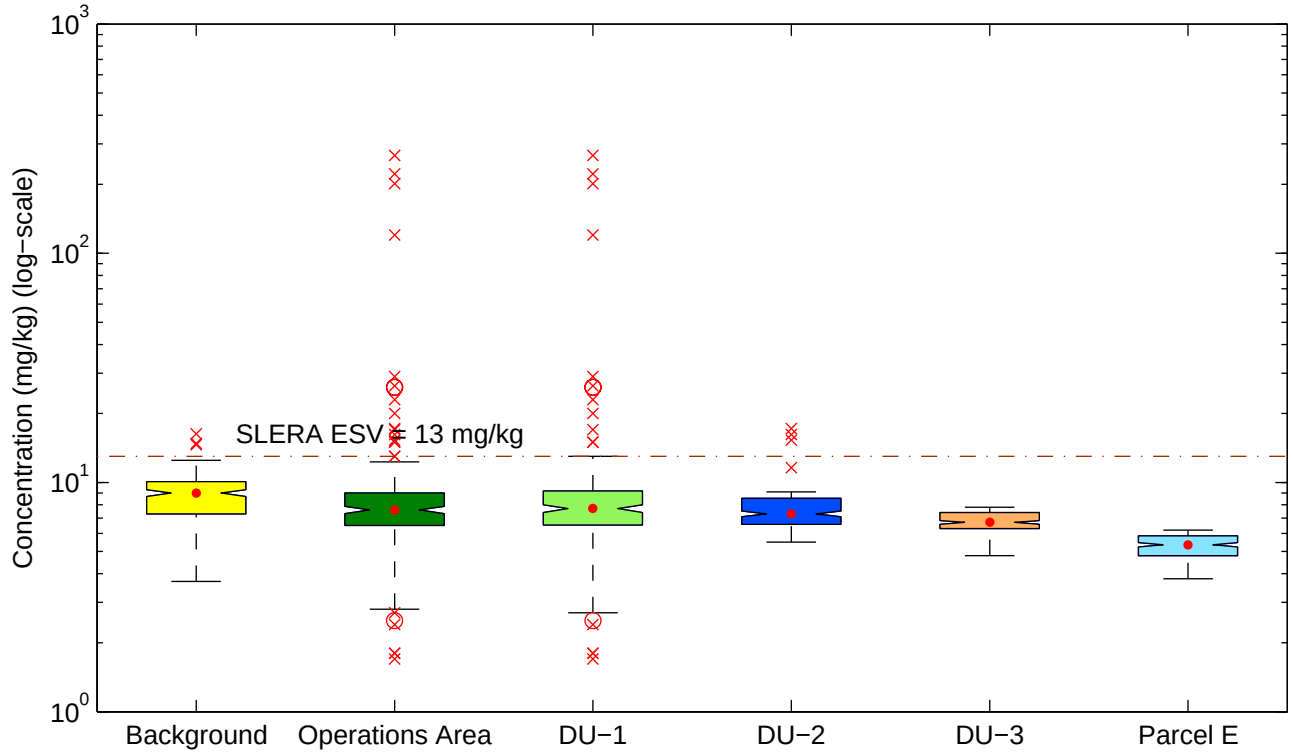
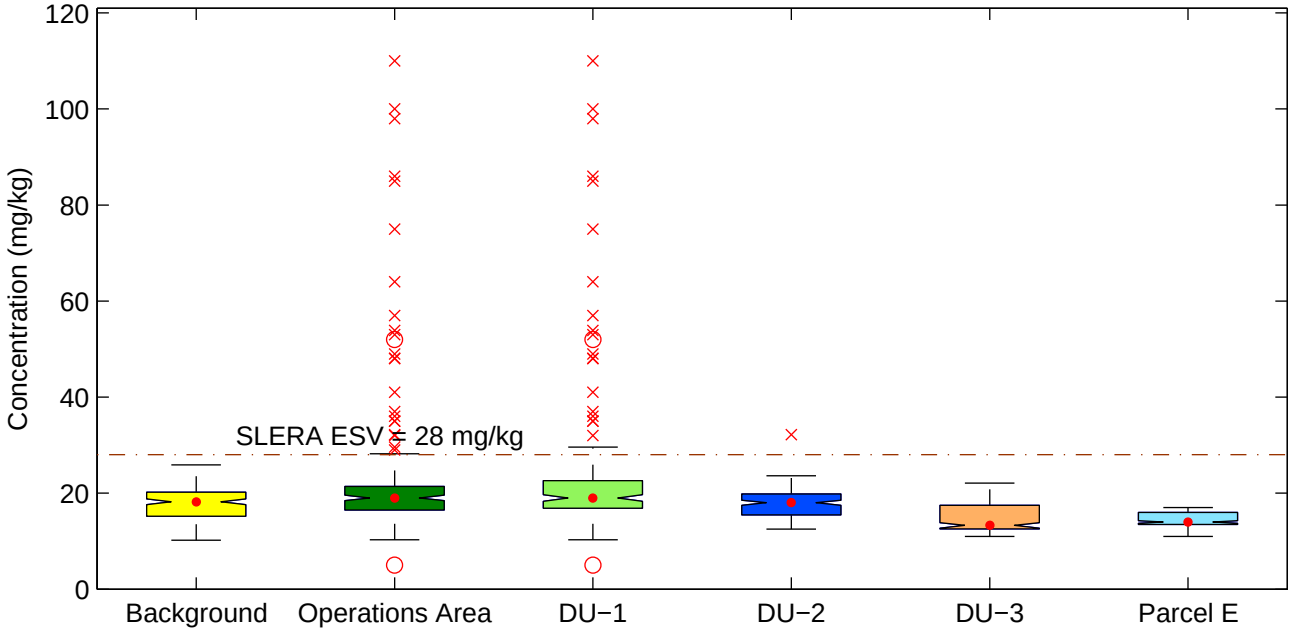


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Copper



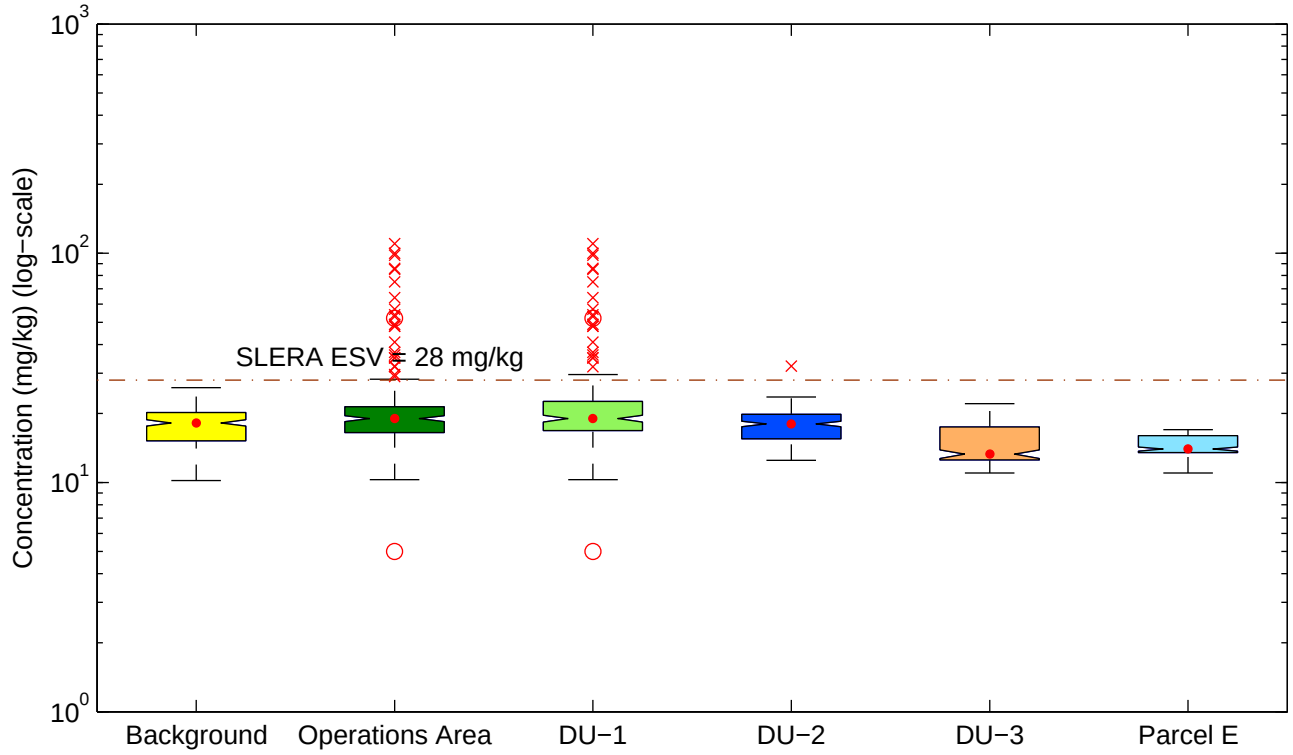
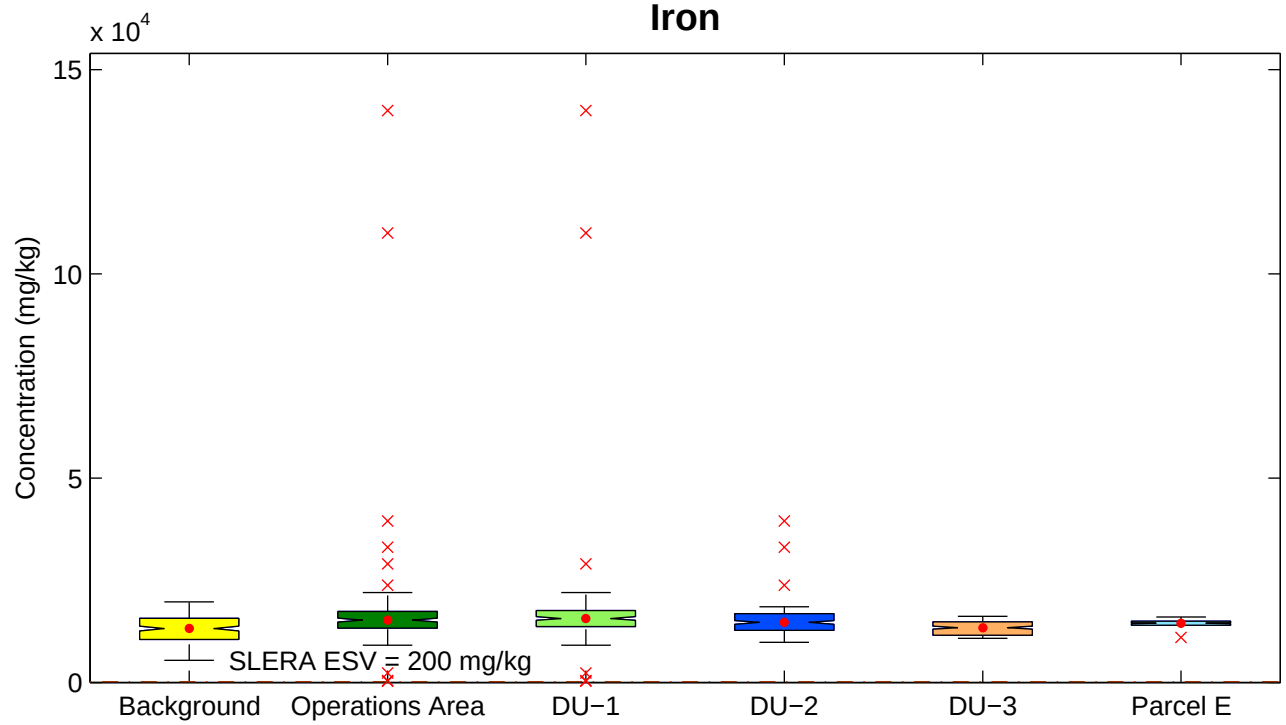


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit

Iron



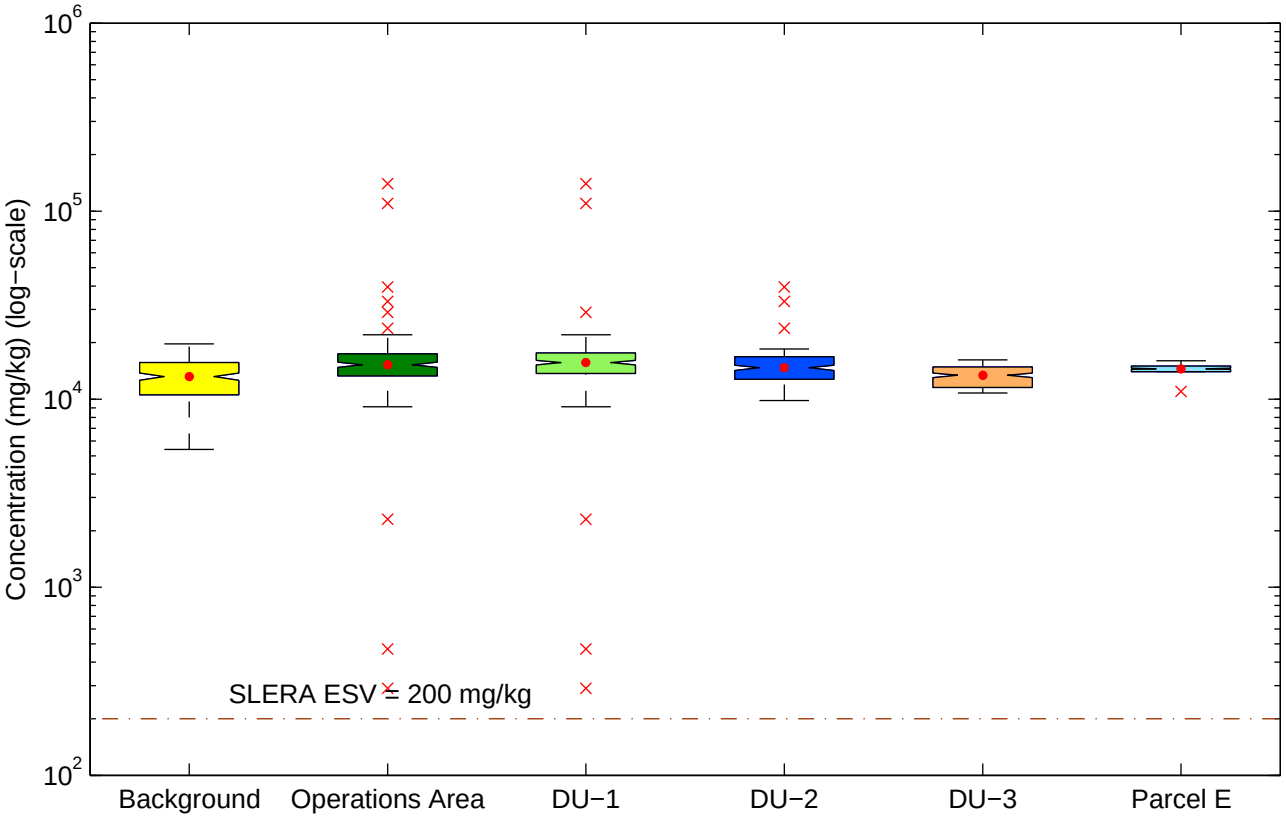
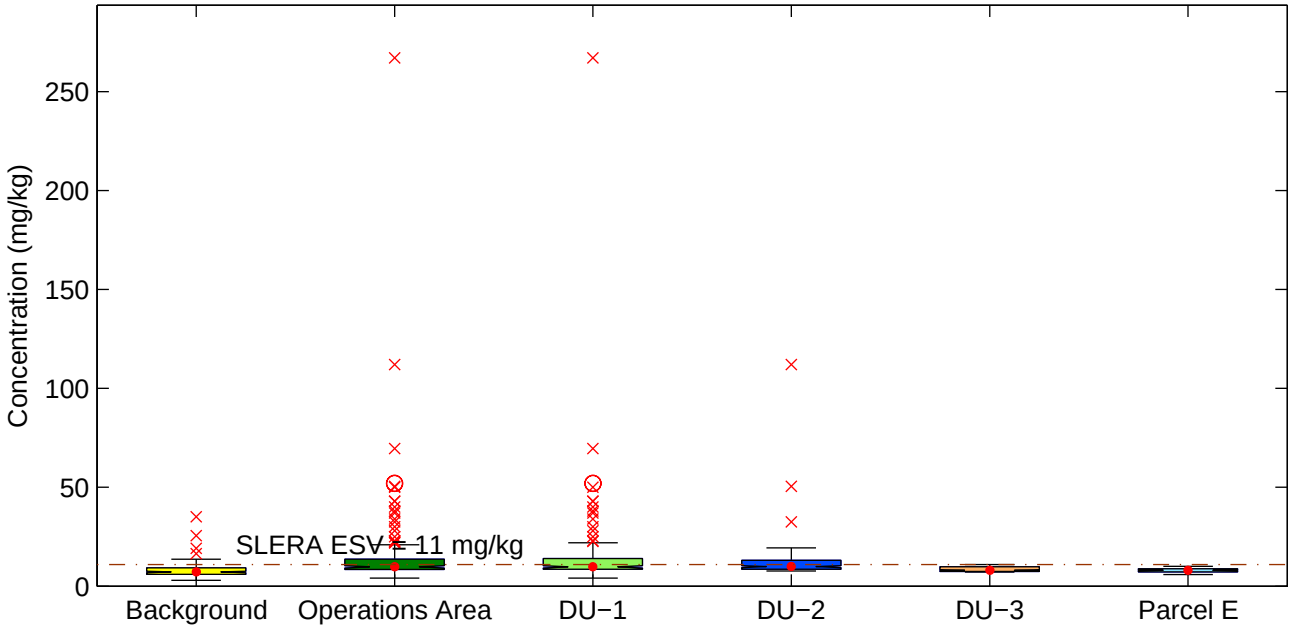


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Lead



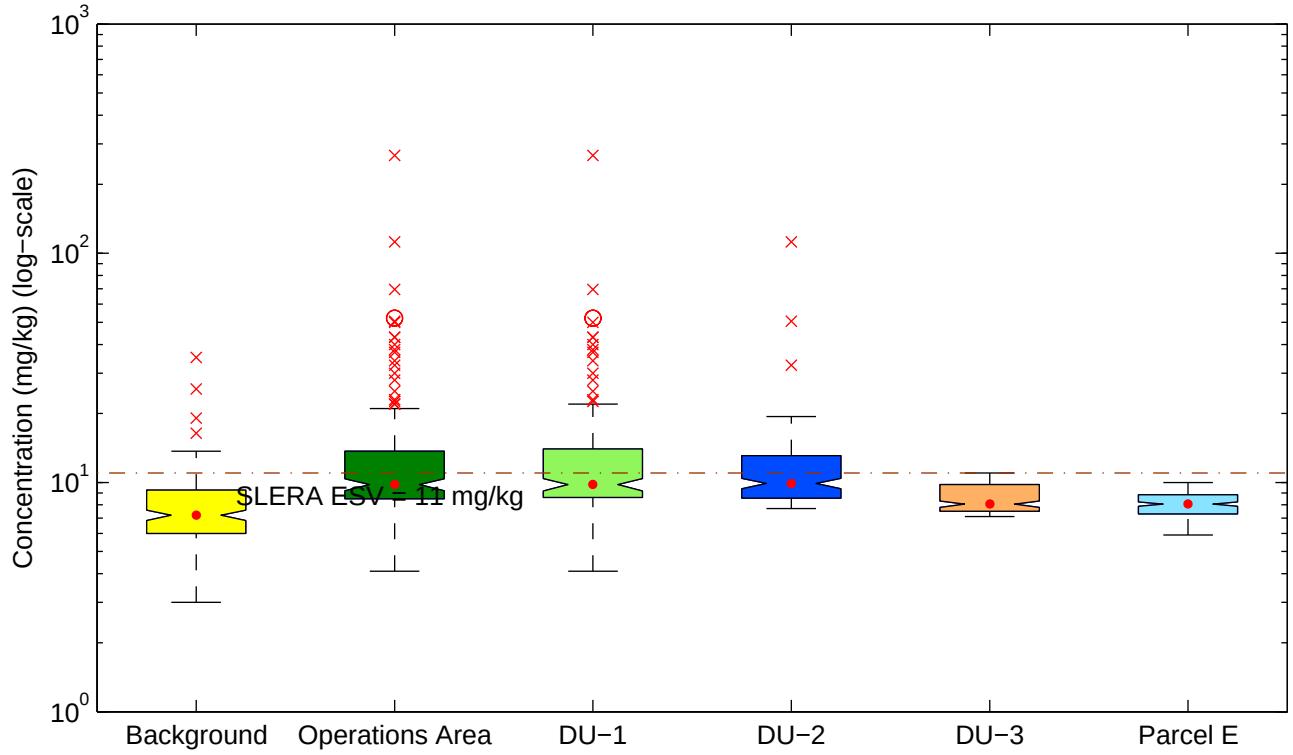
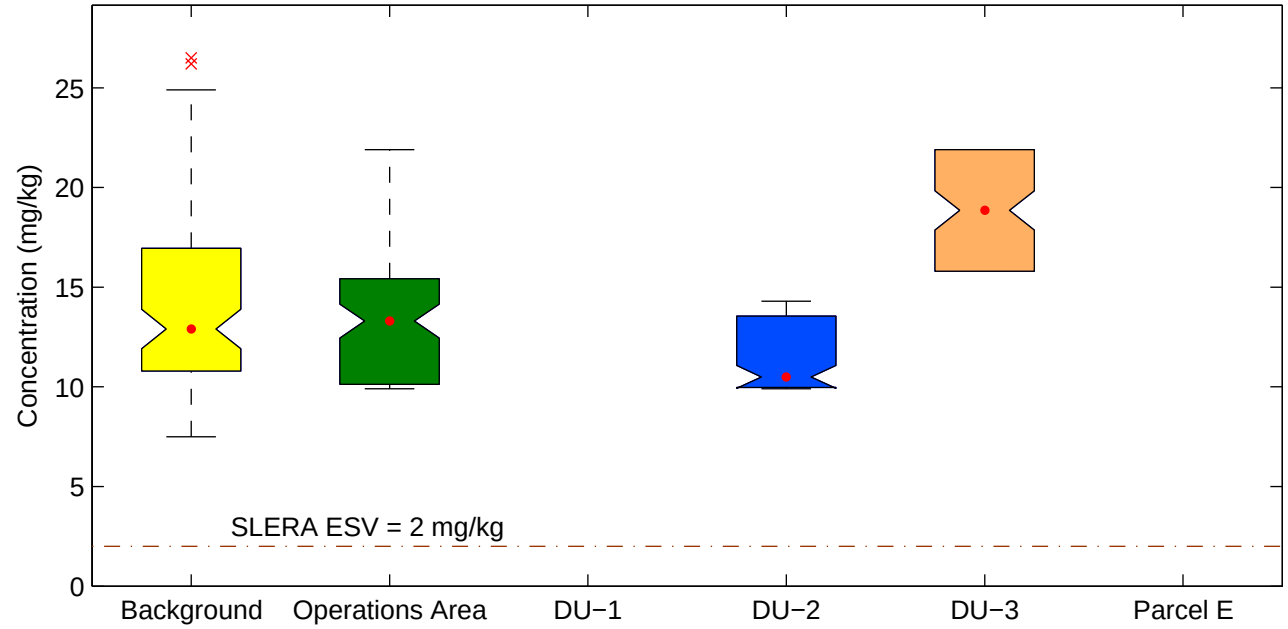


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Lithium



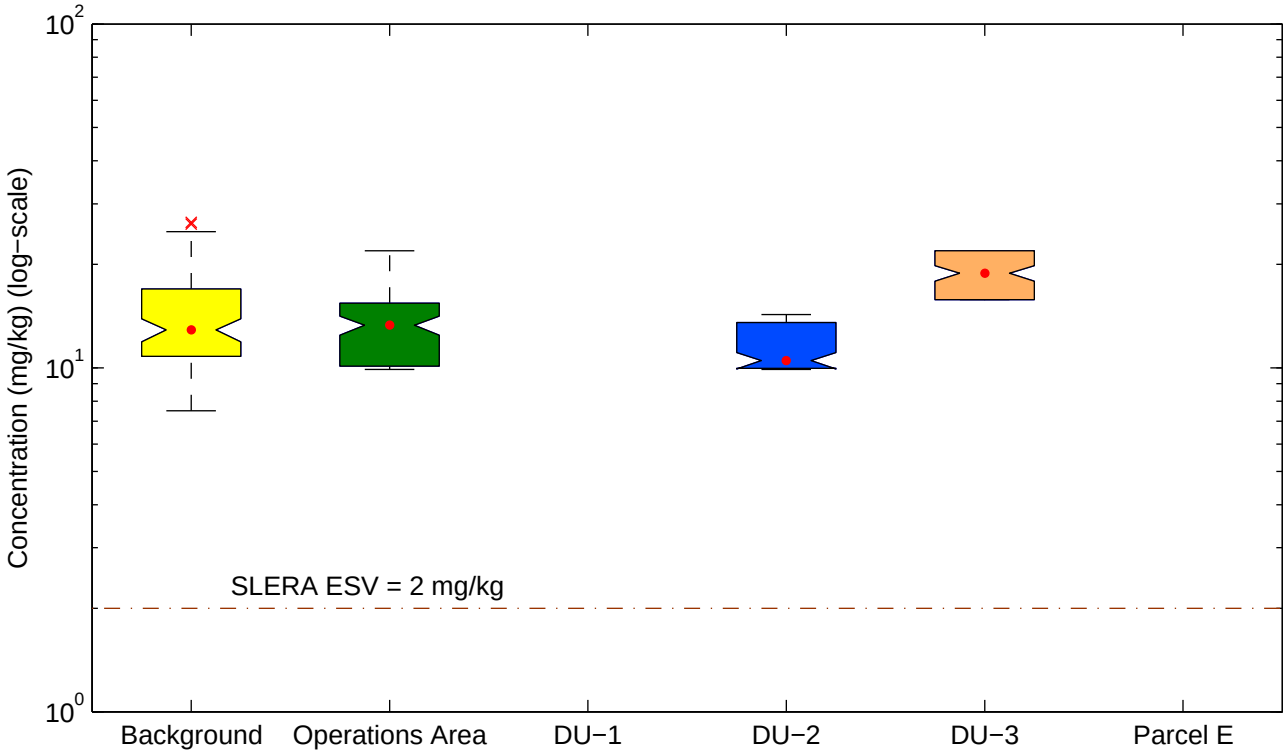
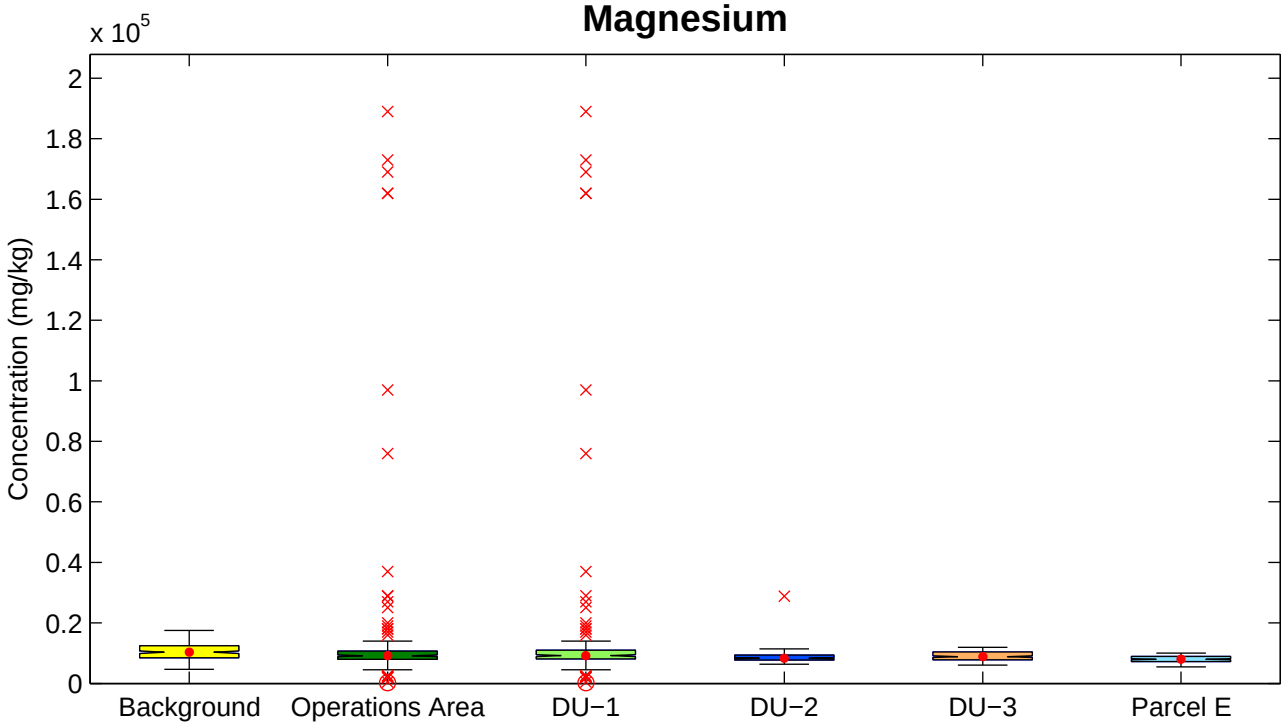


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit

Magnesium



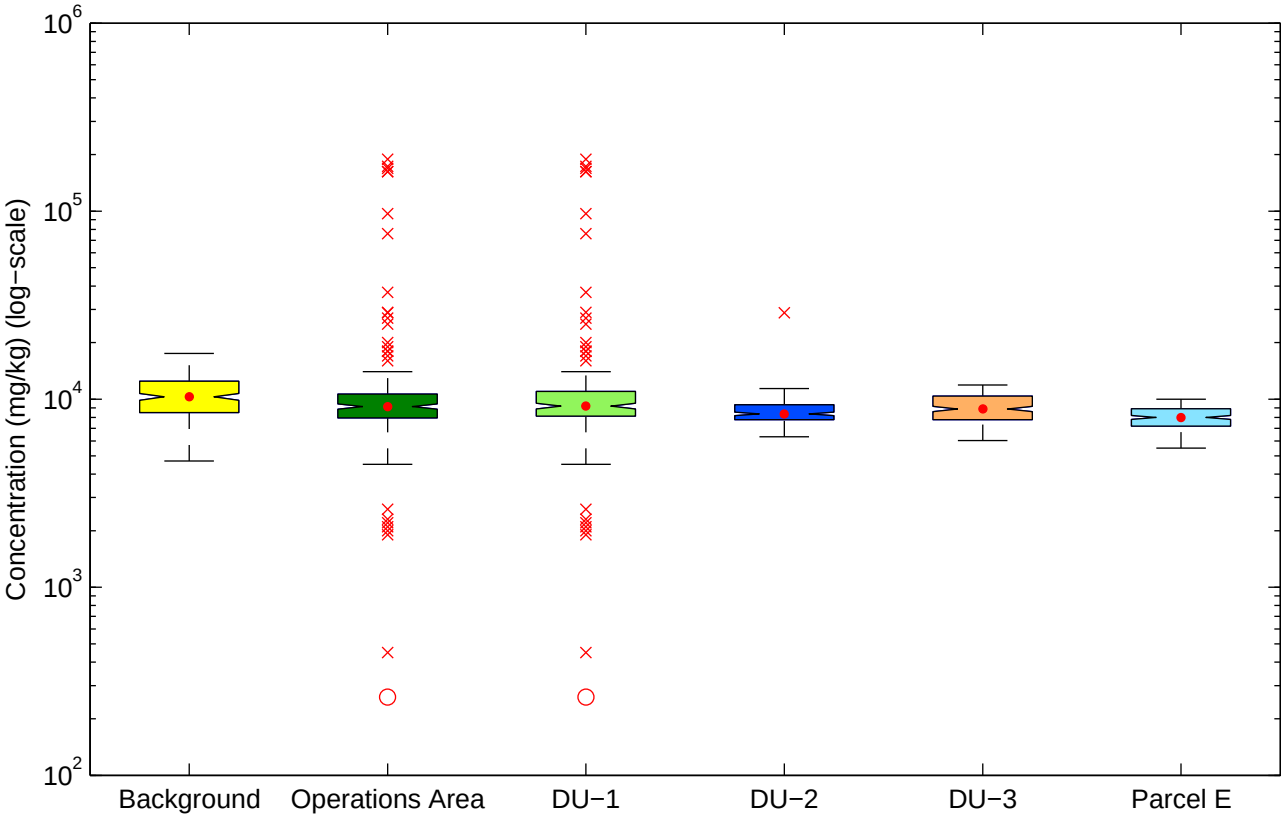
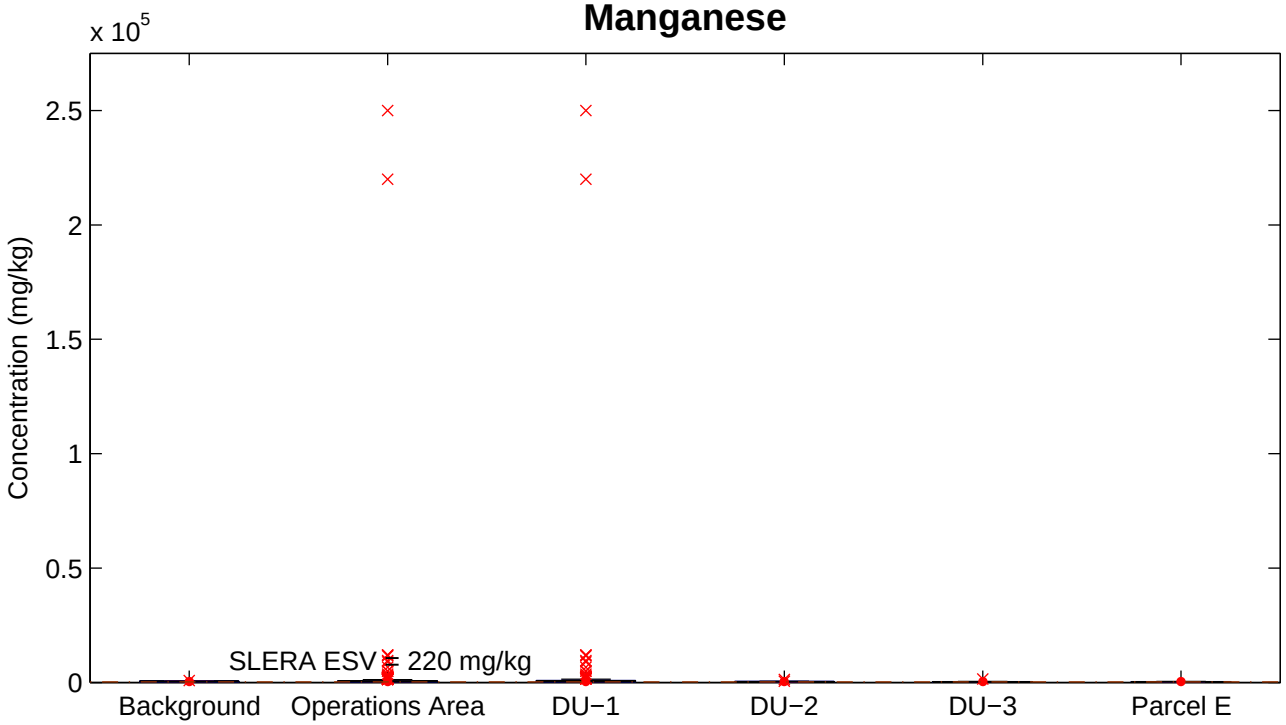


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Manganese



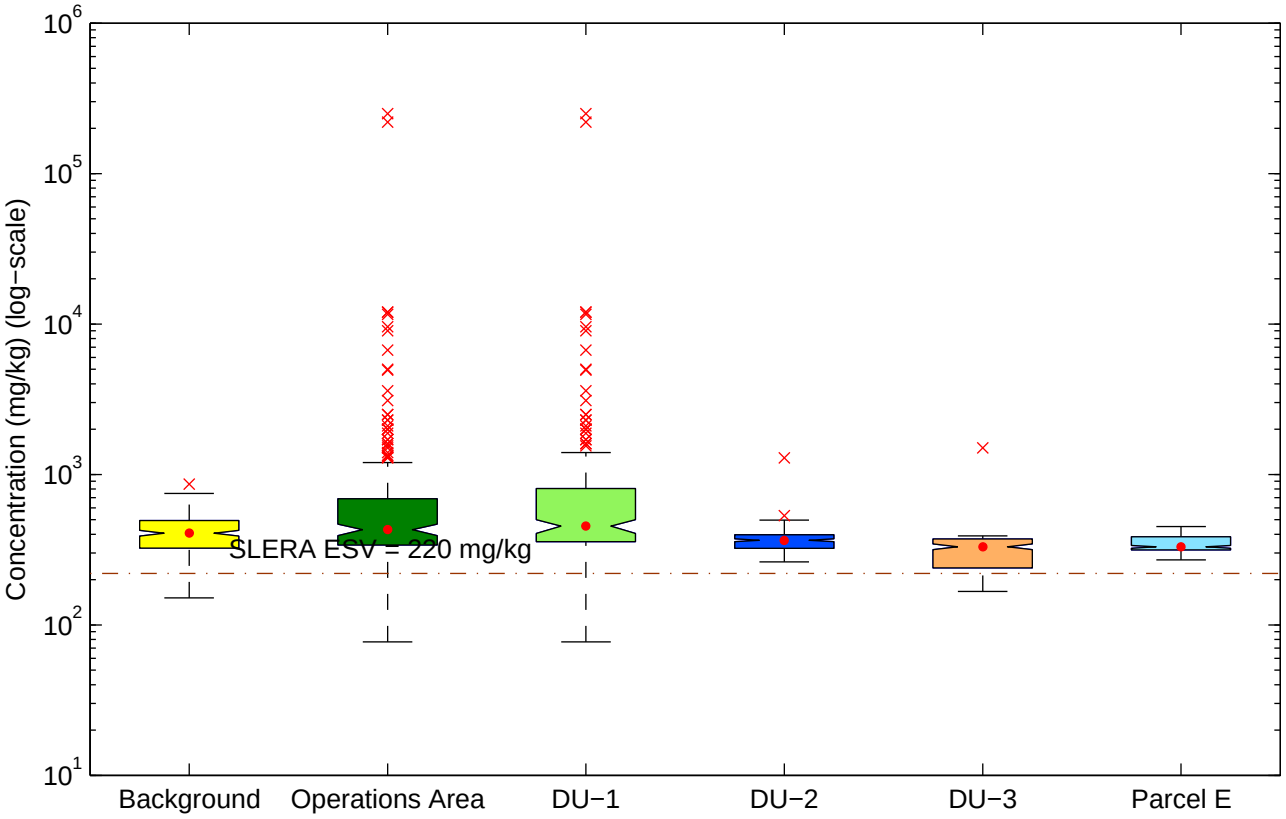
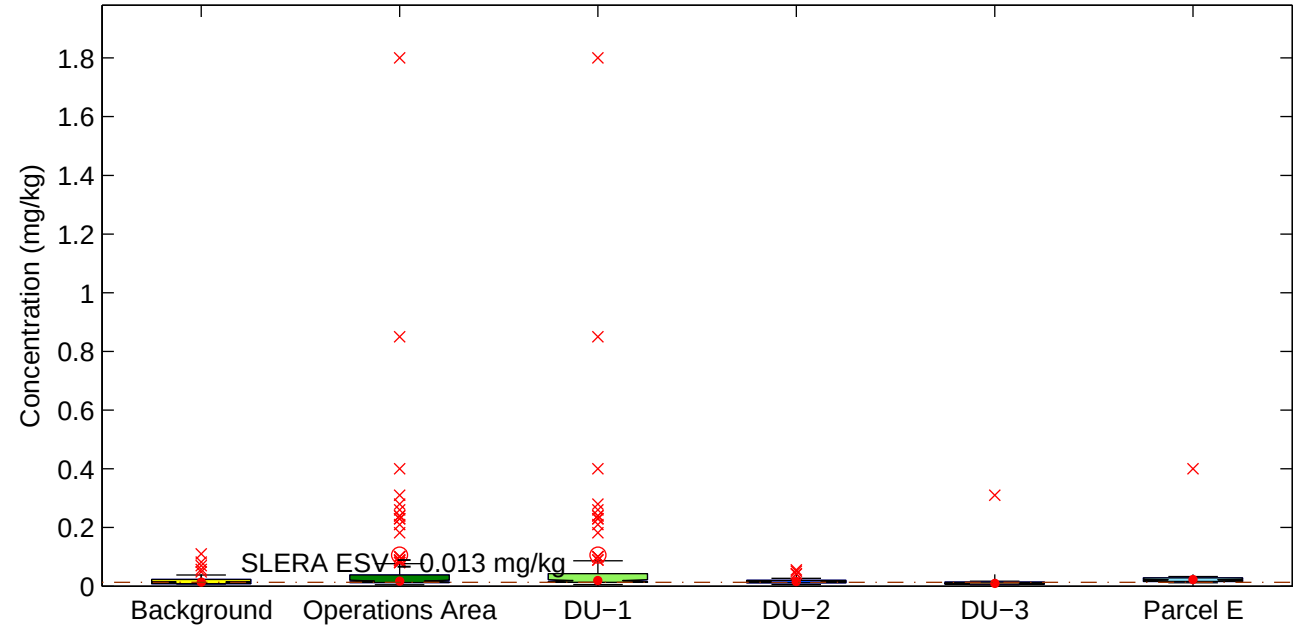


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Mercury



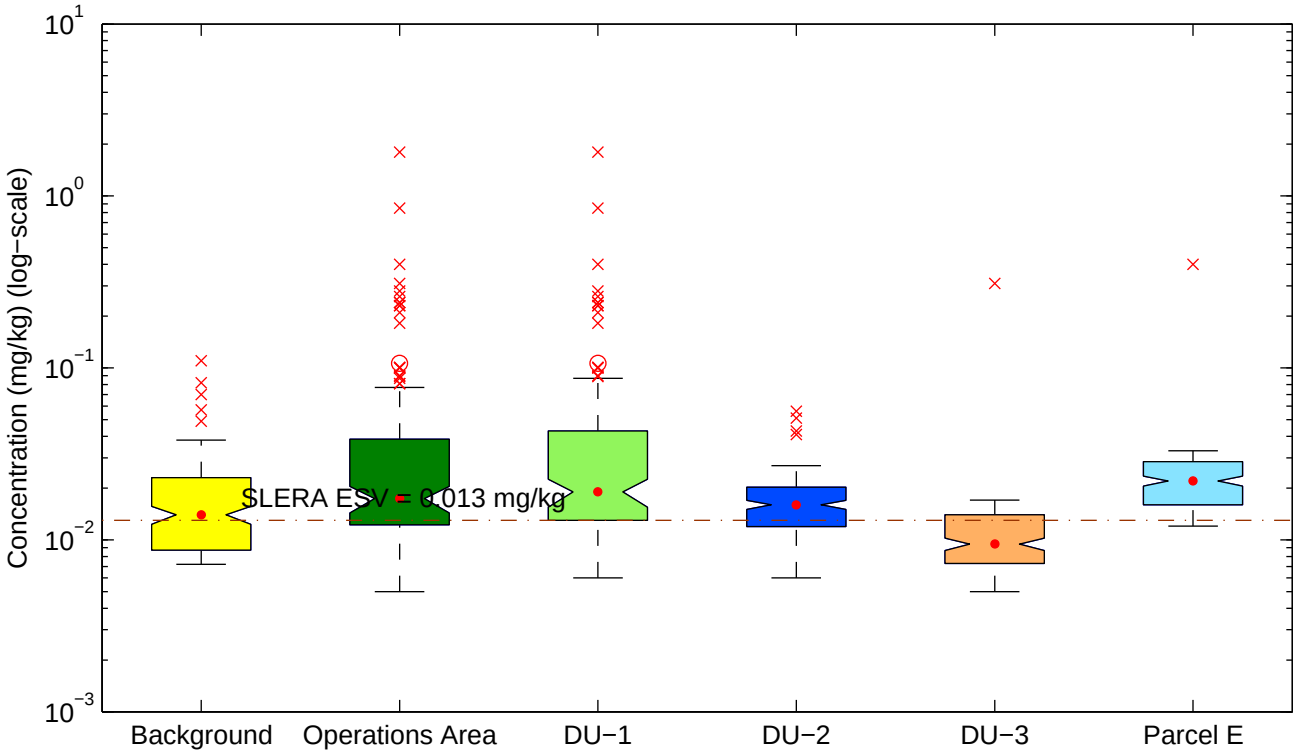
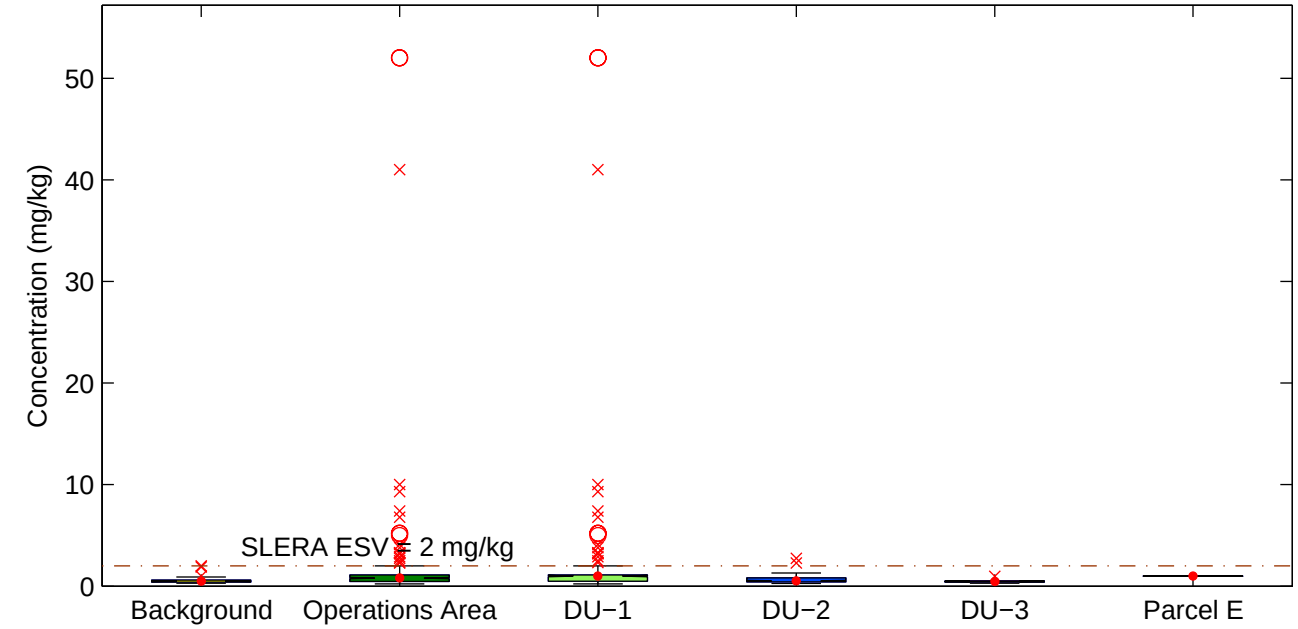


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Molybdenum



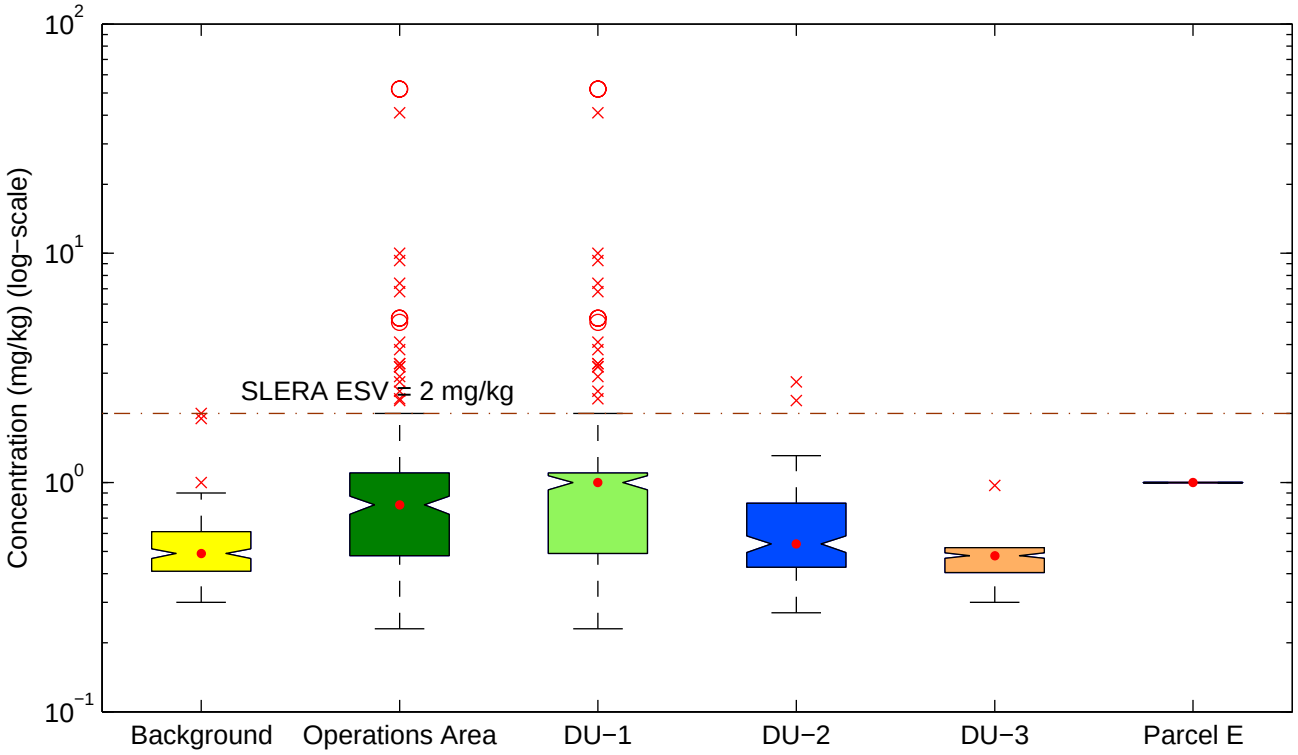
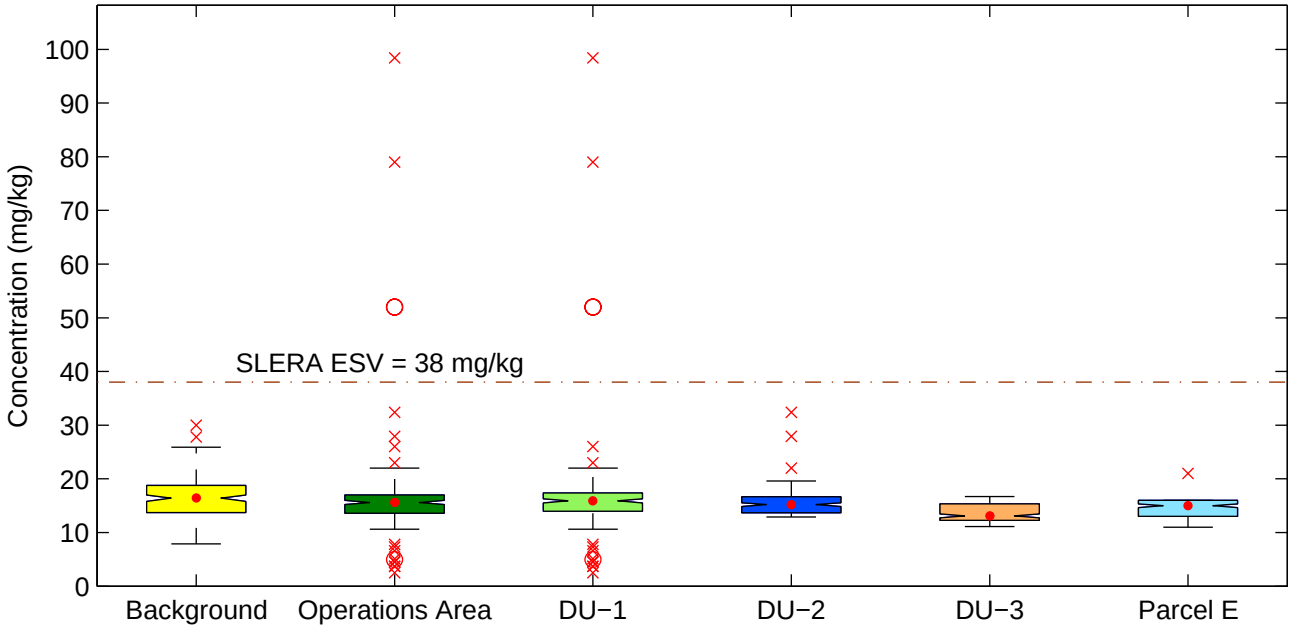


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Nickel



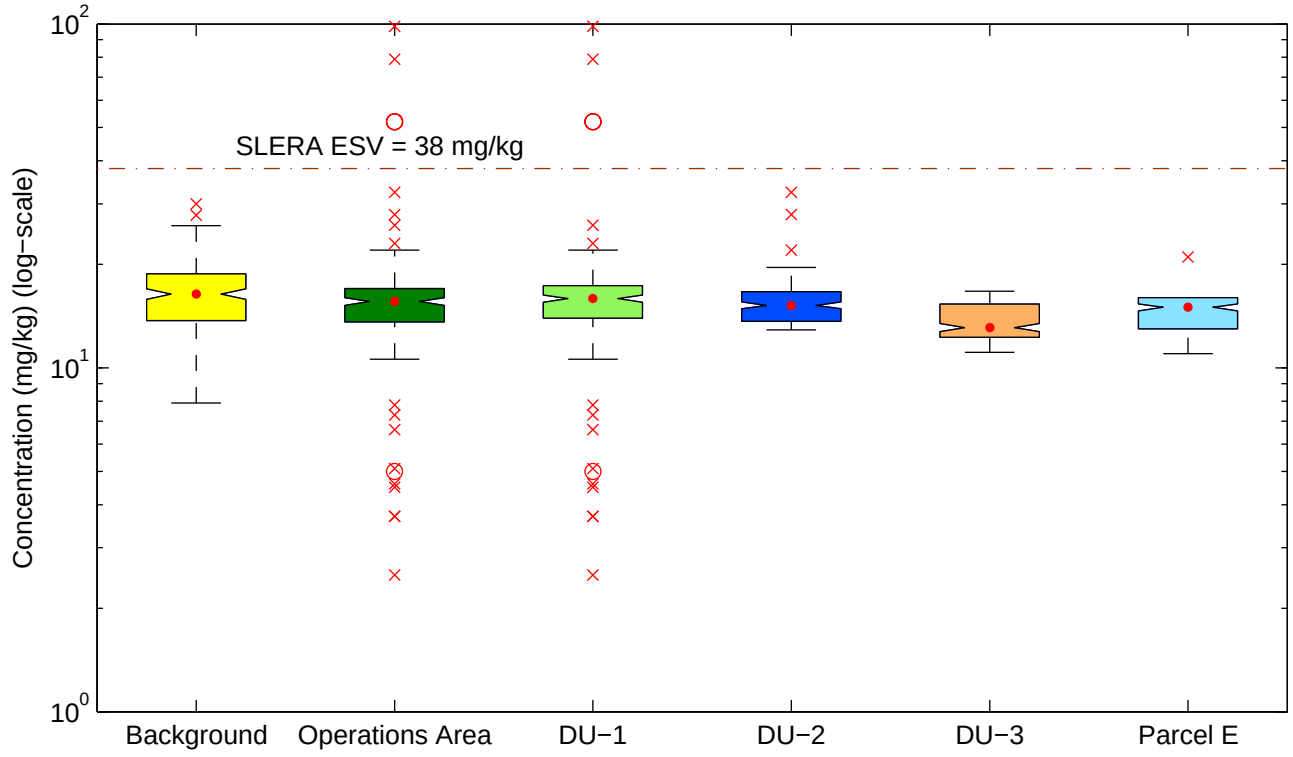
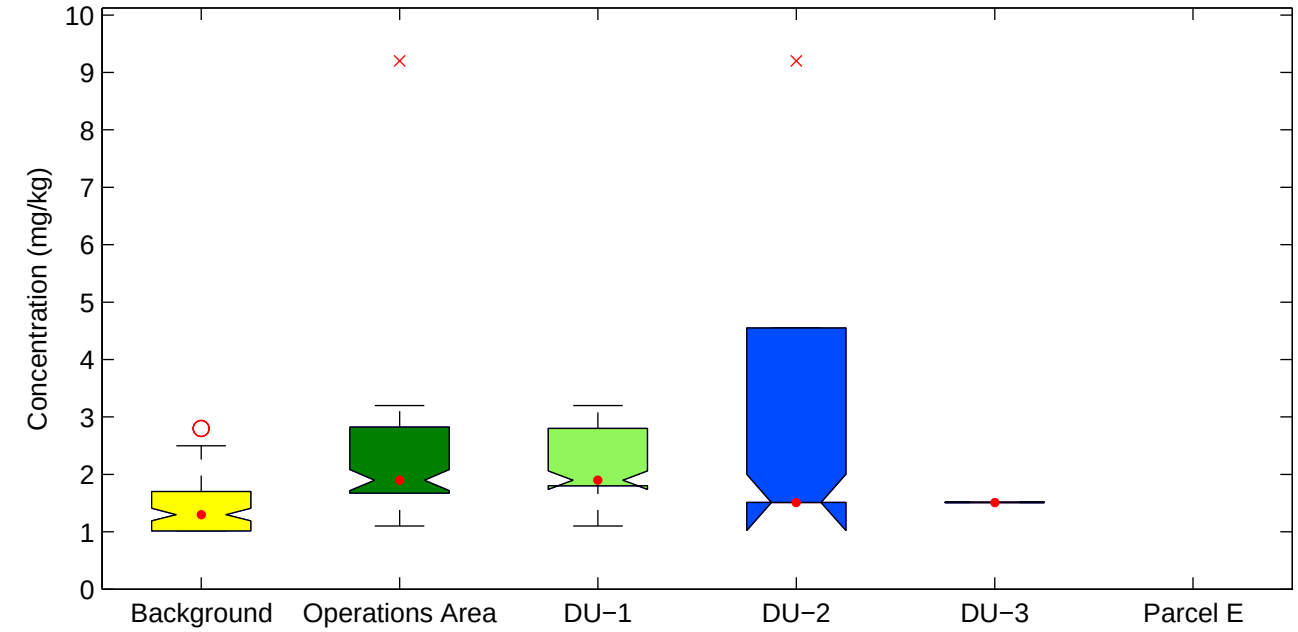


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Niobium



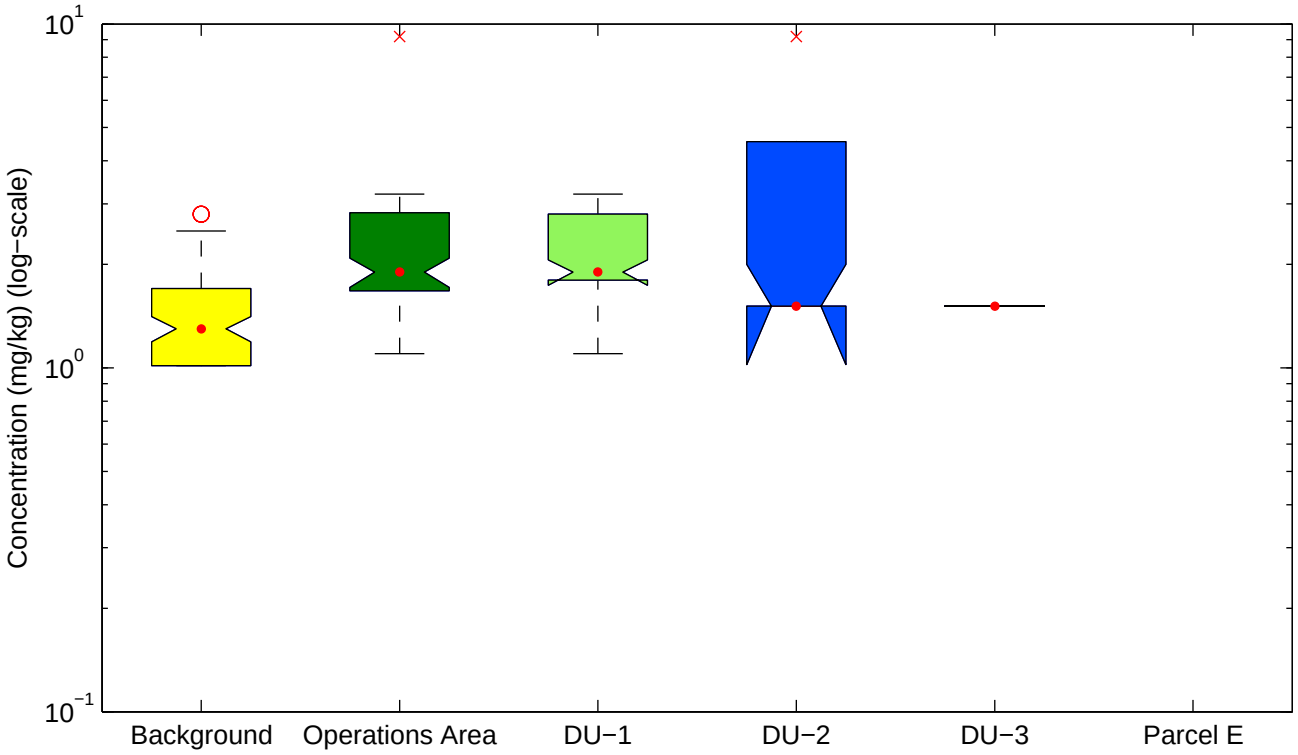
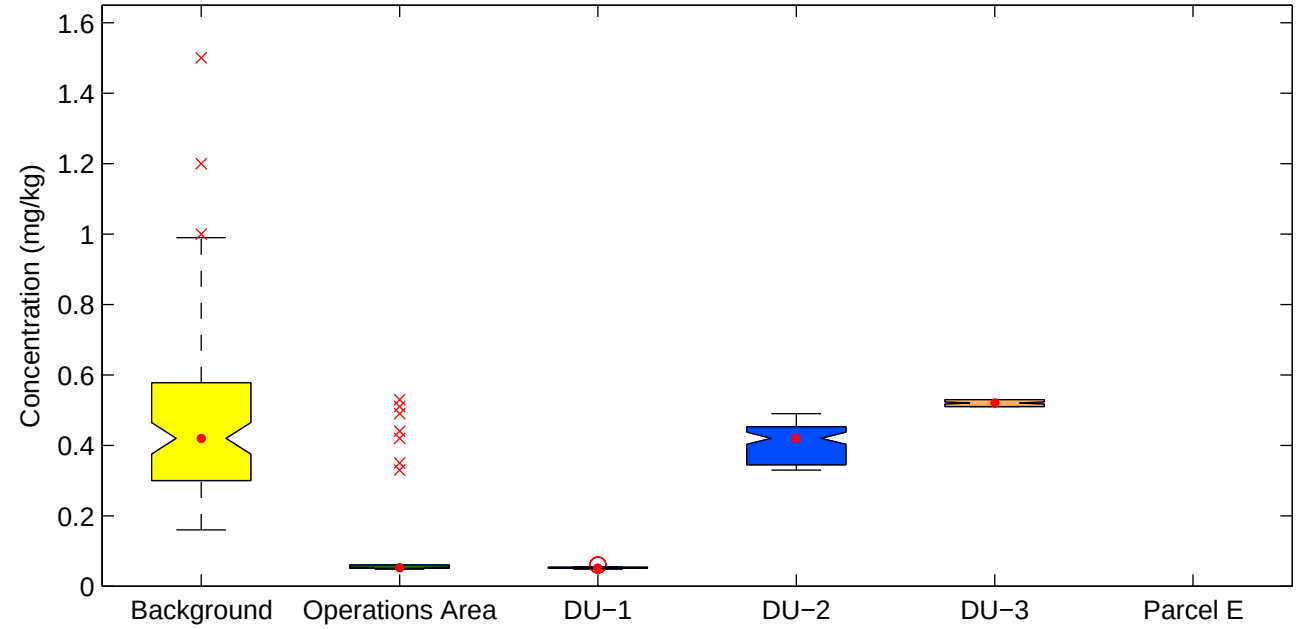


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Palladium



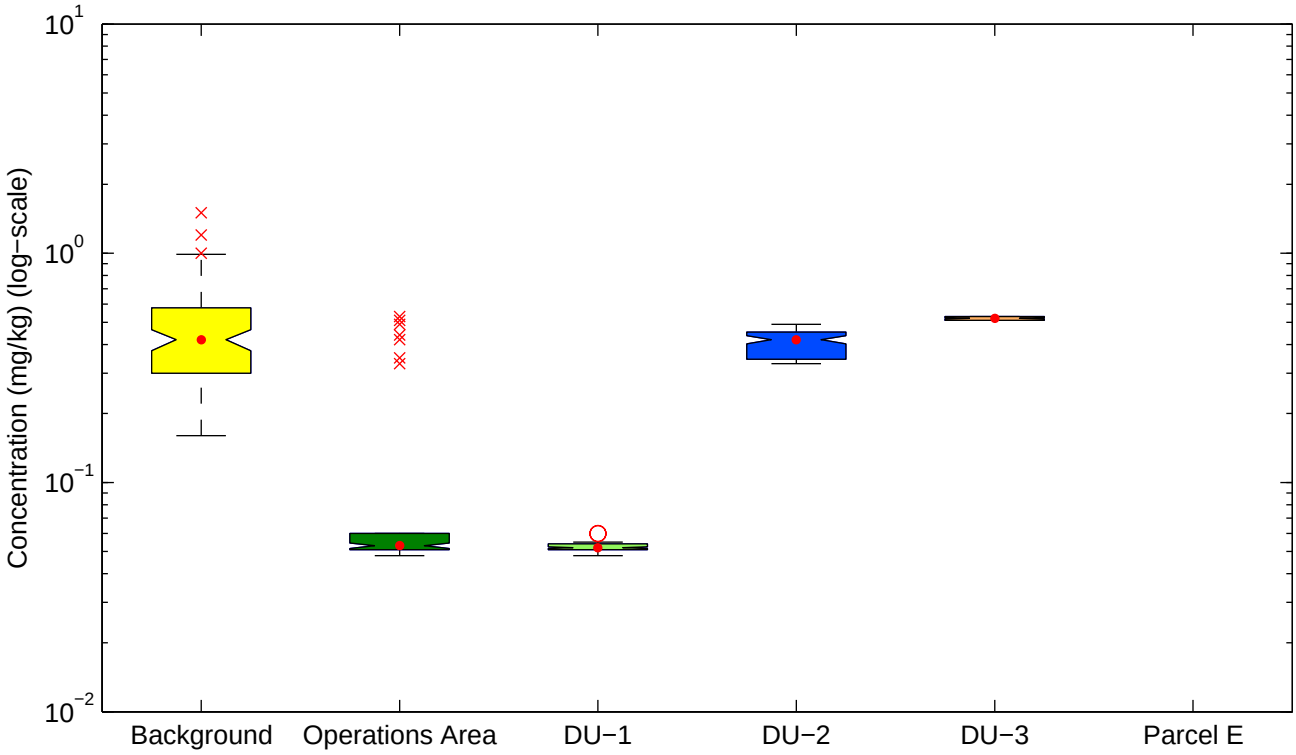
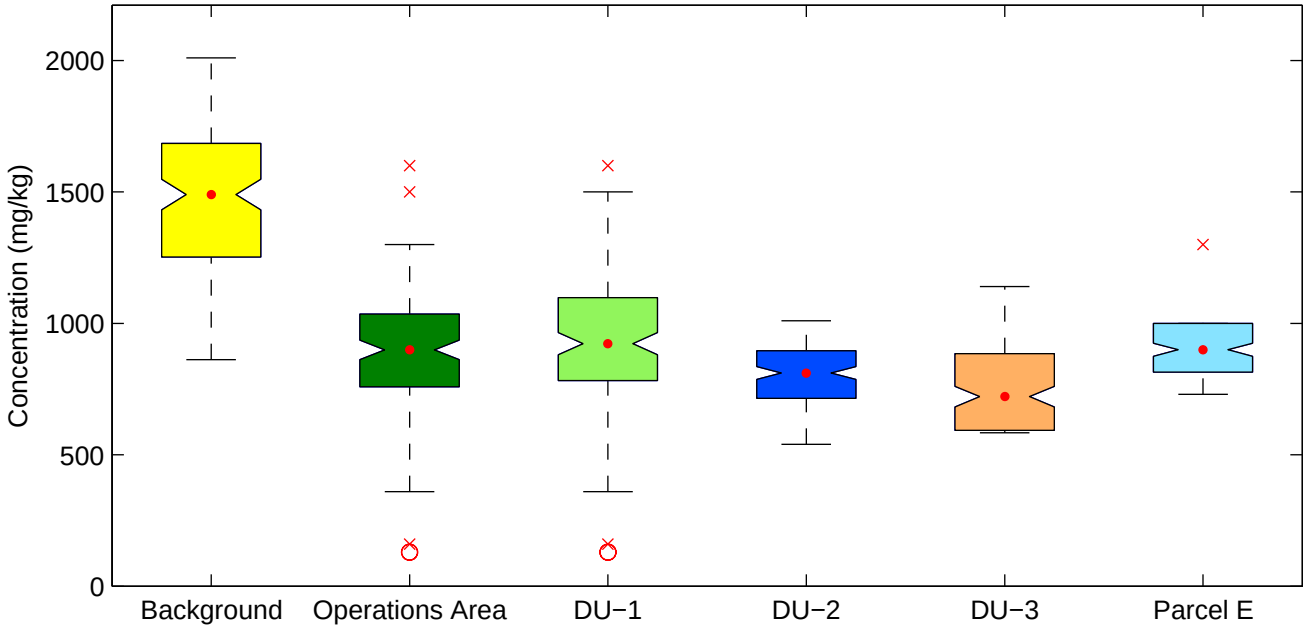


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Phosphorus (total)



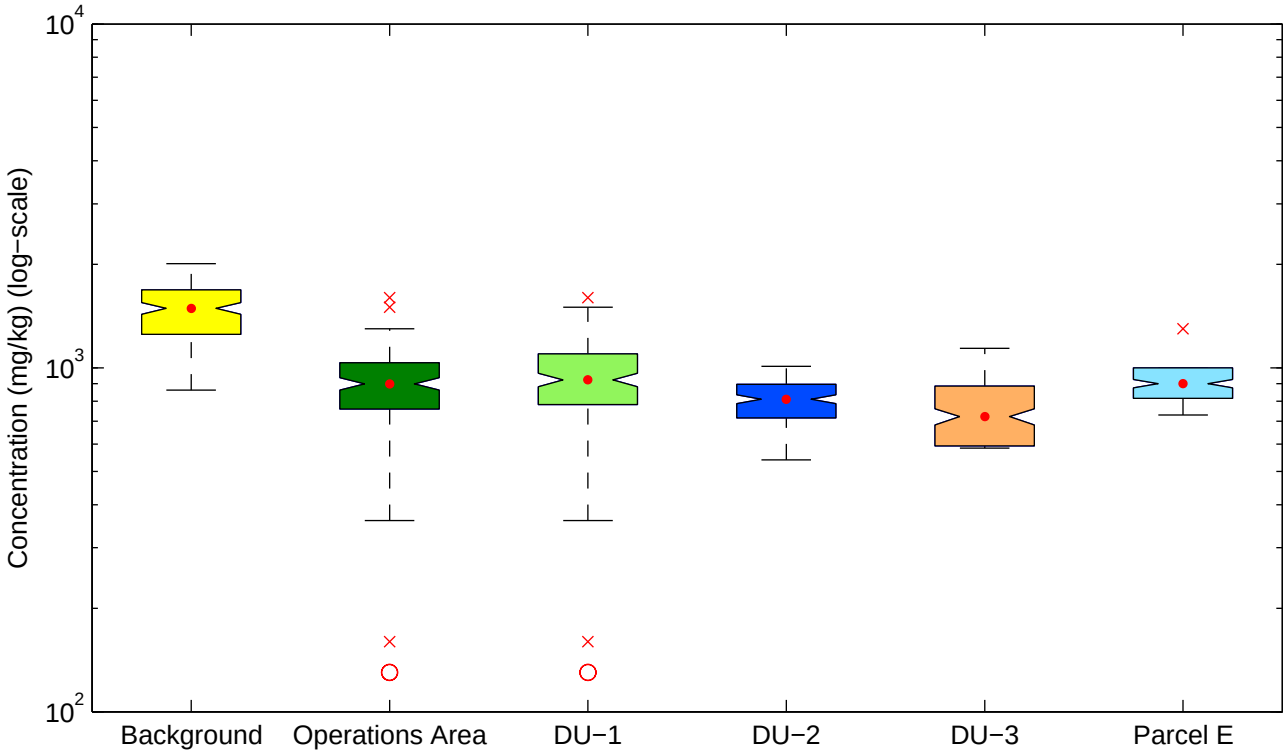
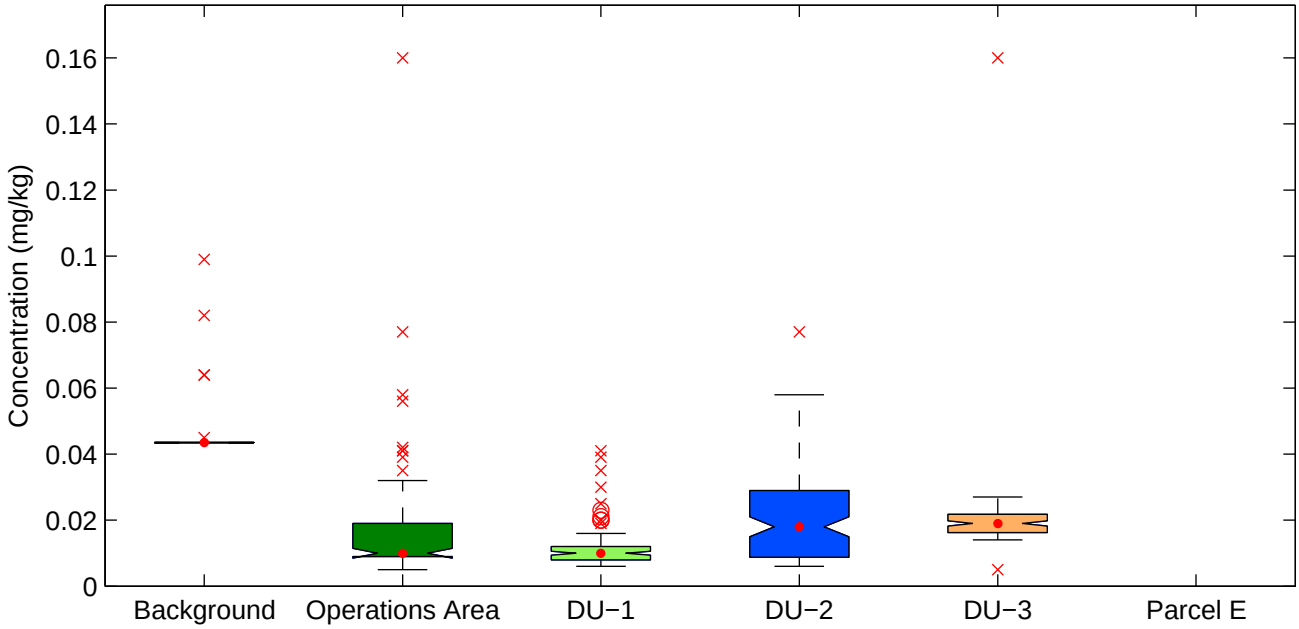


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Platinum



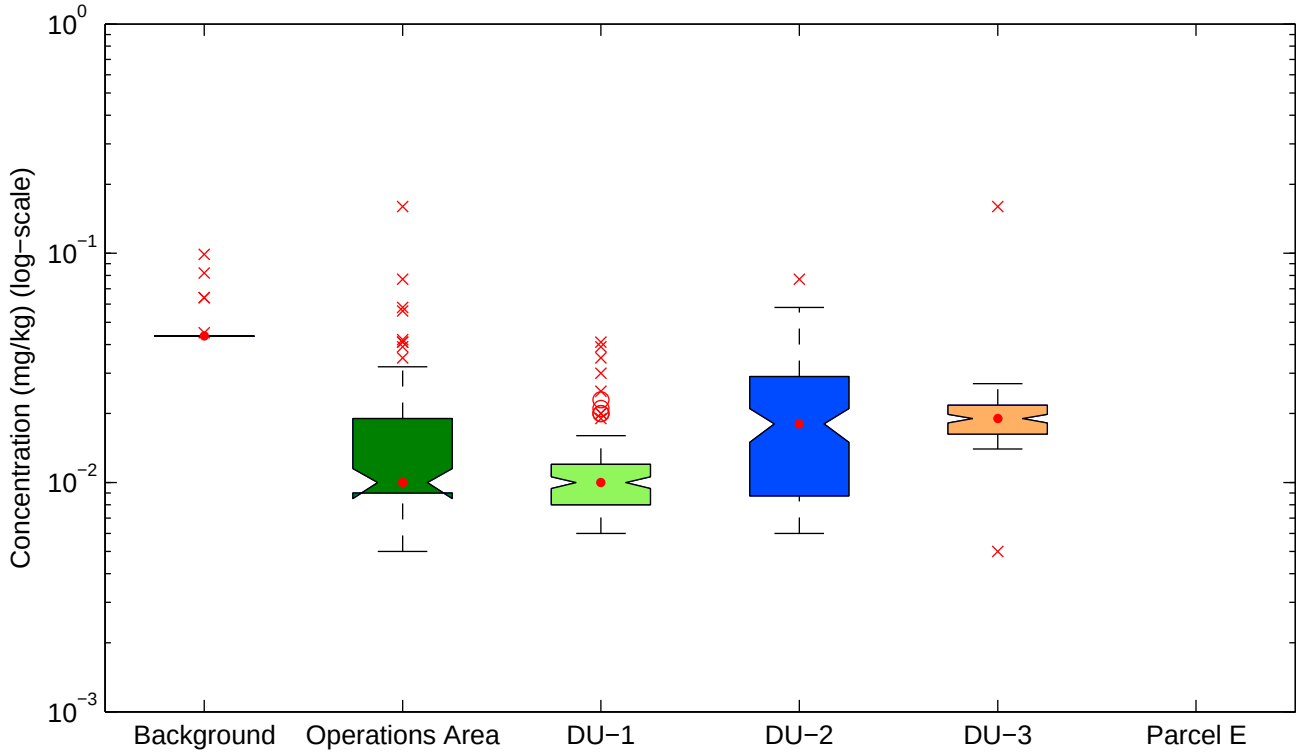
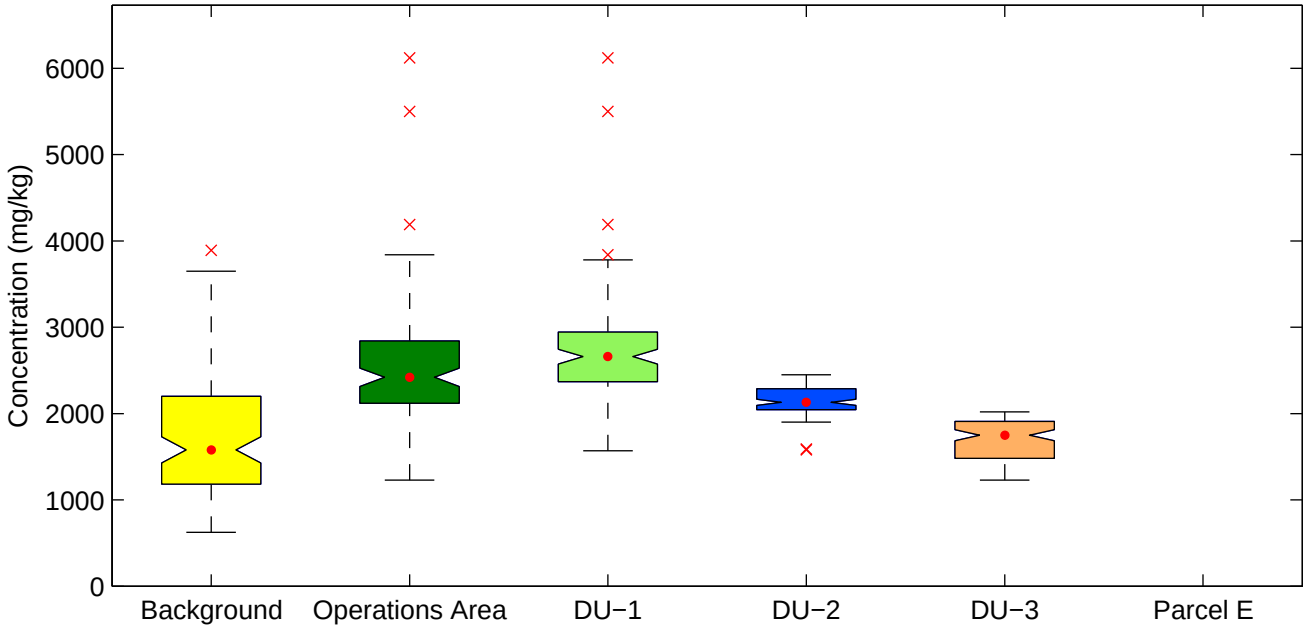


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Potassium



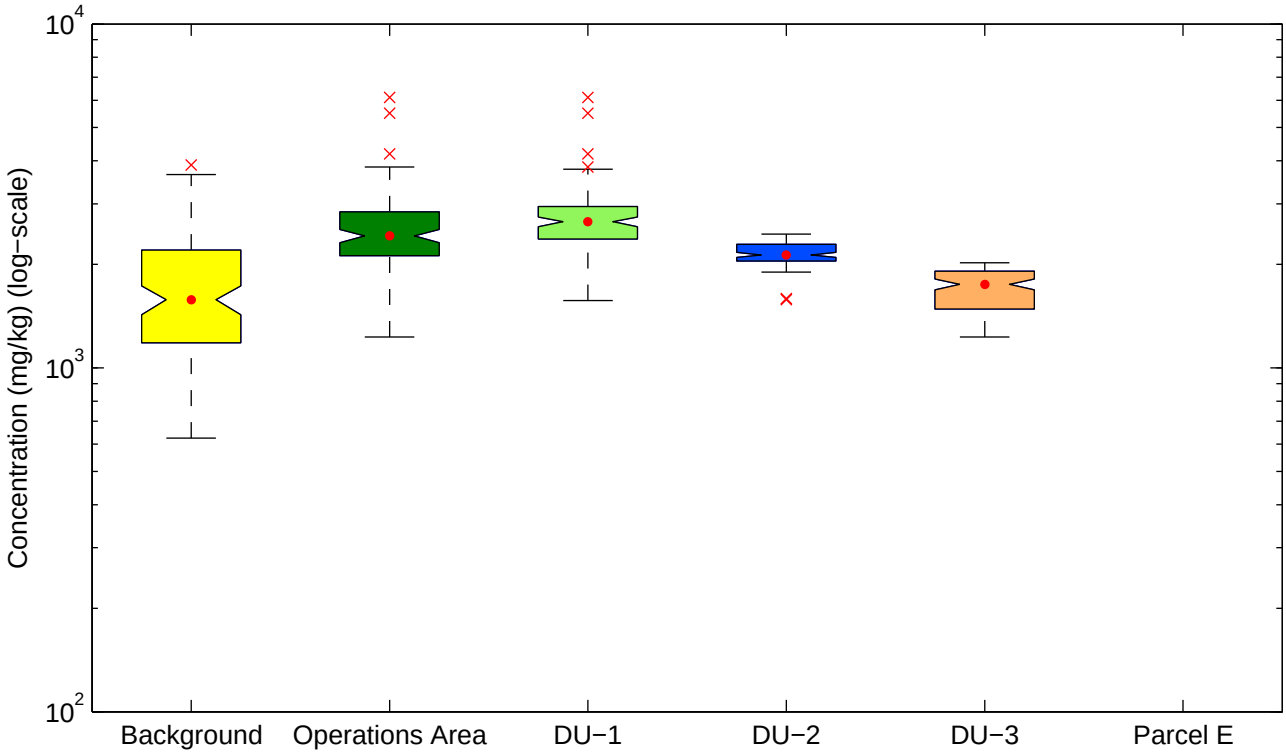
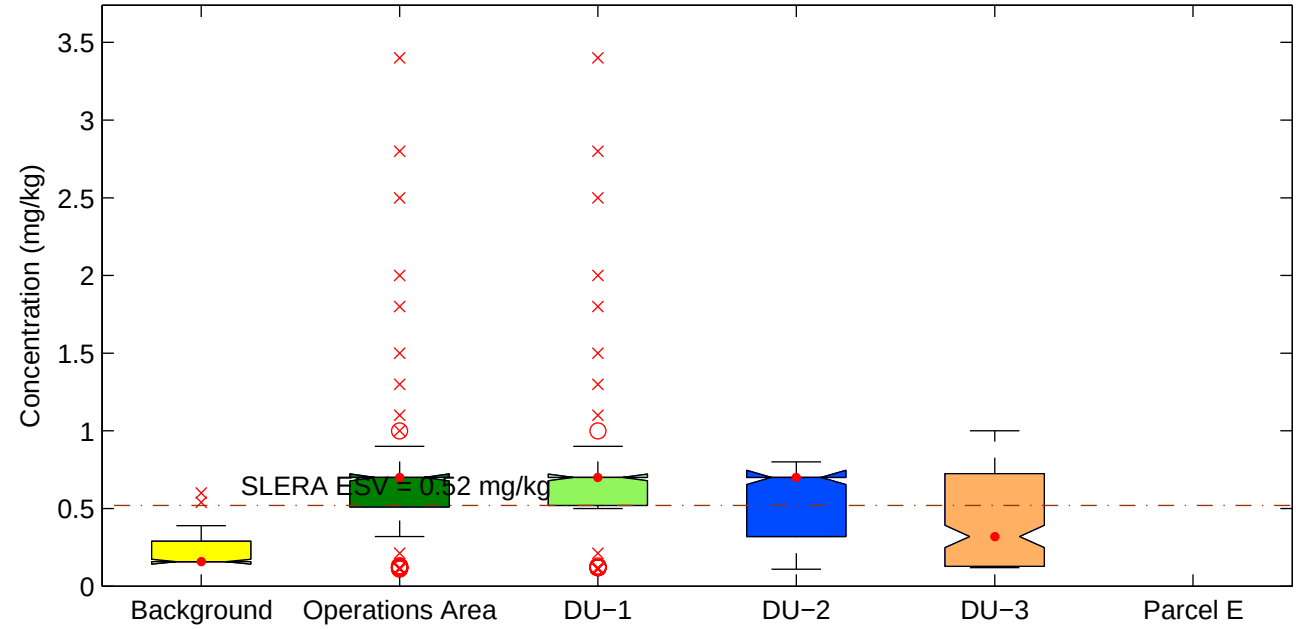


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Selenium



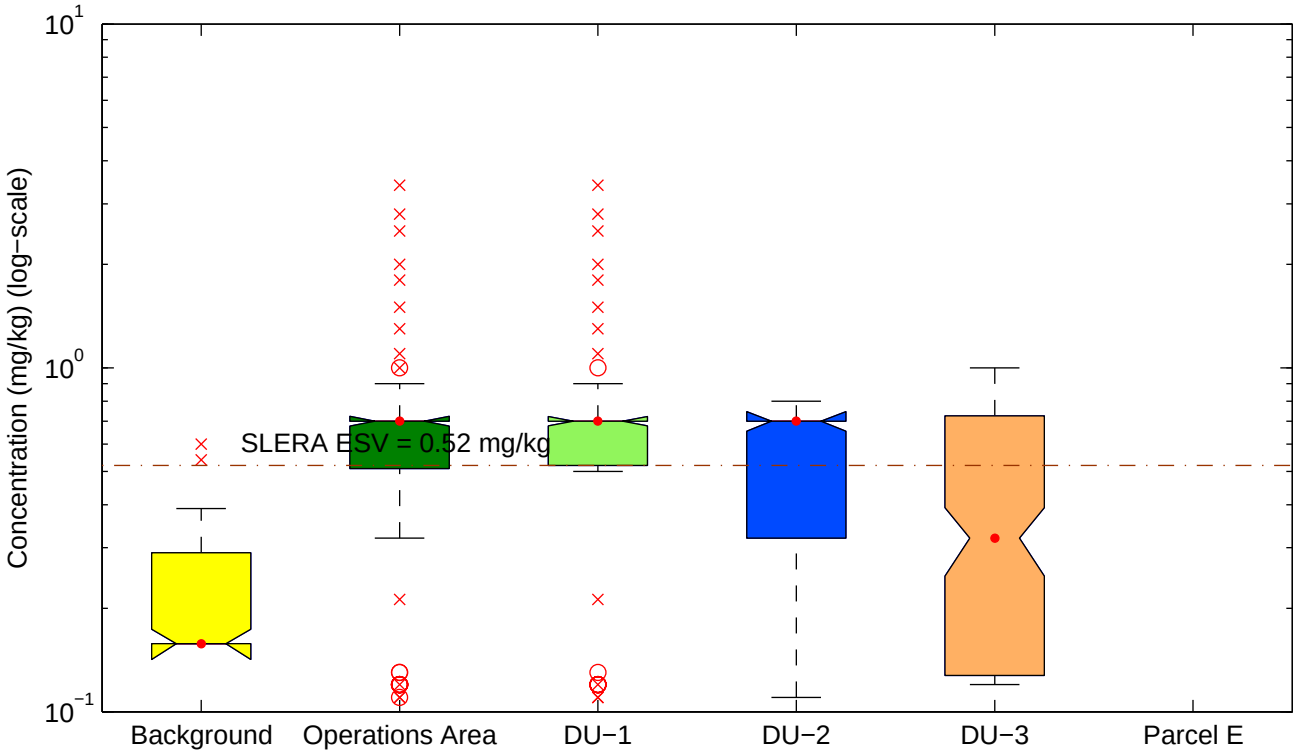
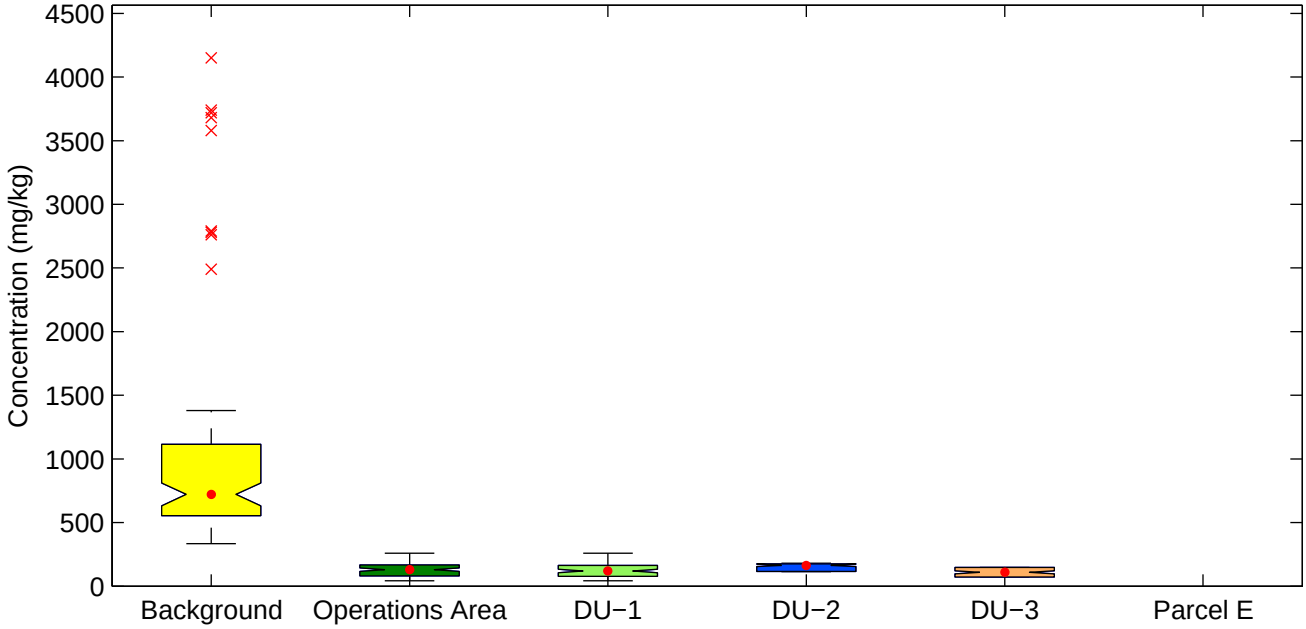


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Silicon



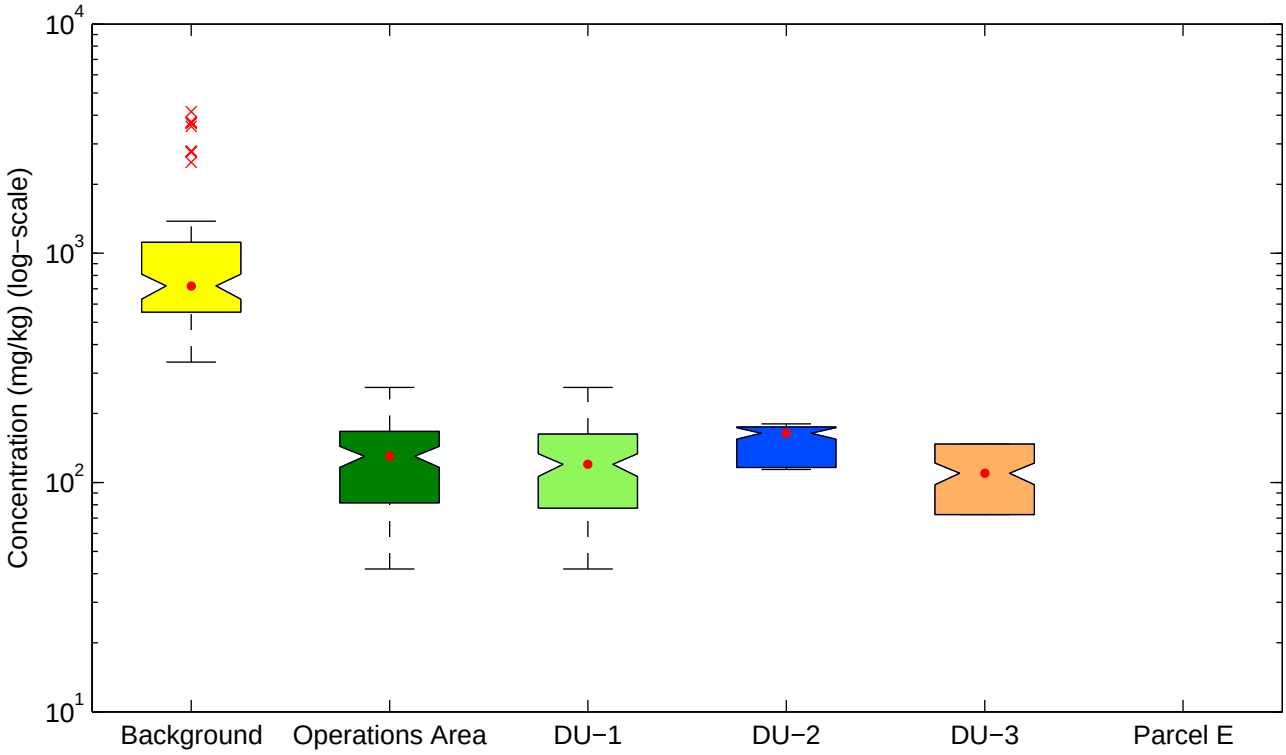
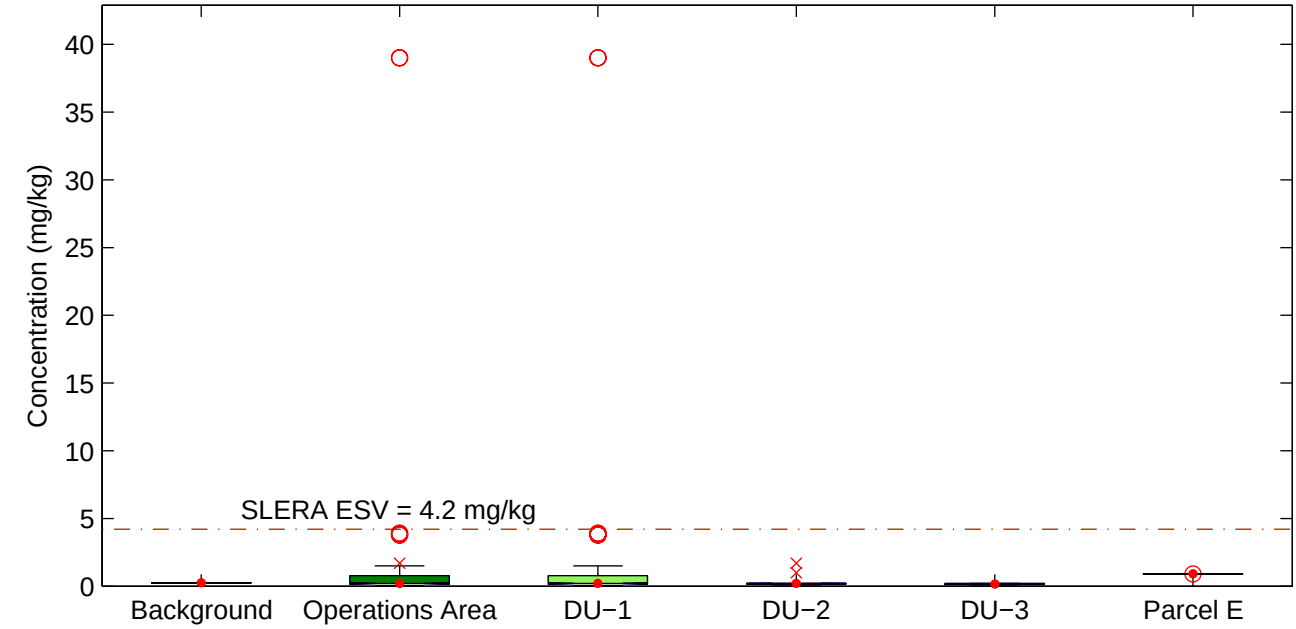


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Silver



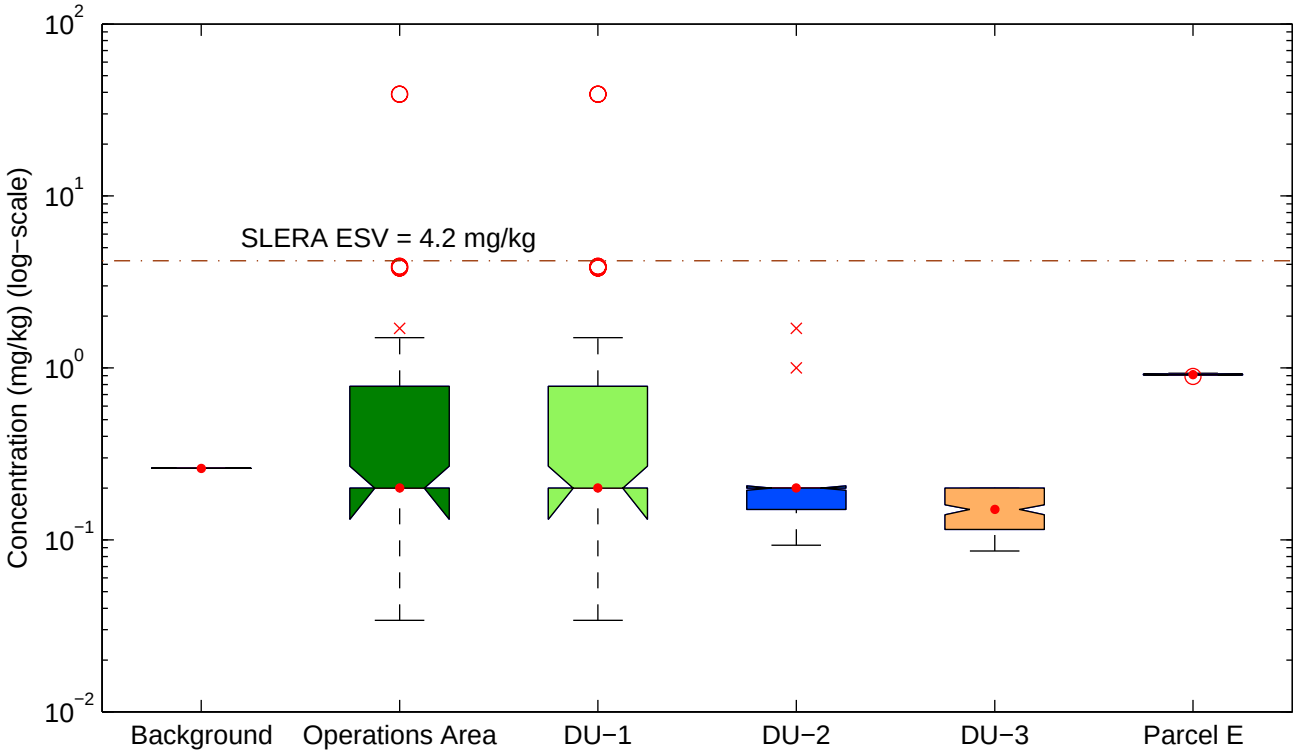
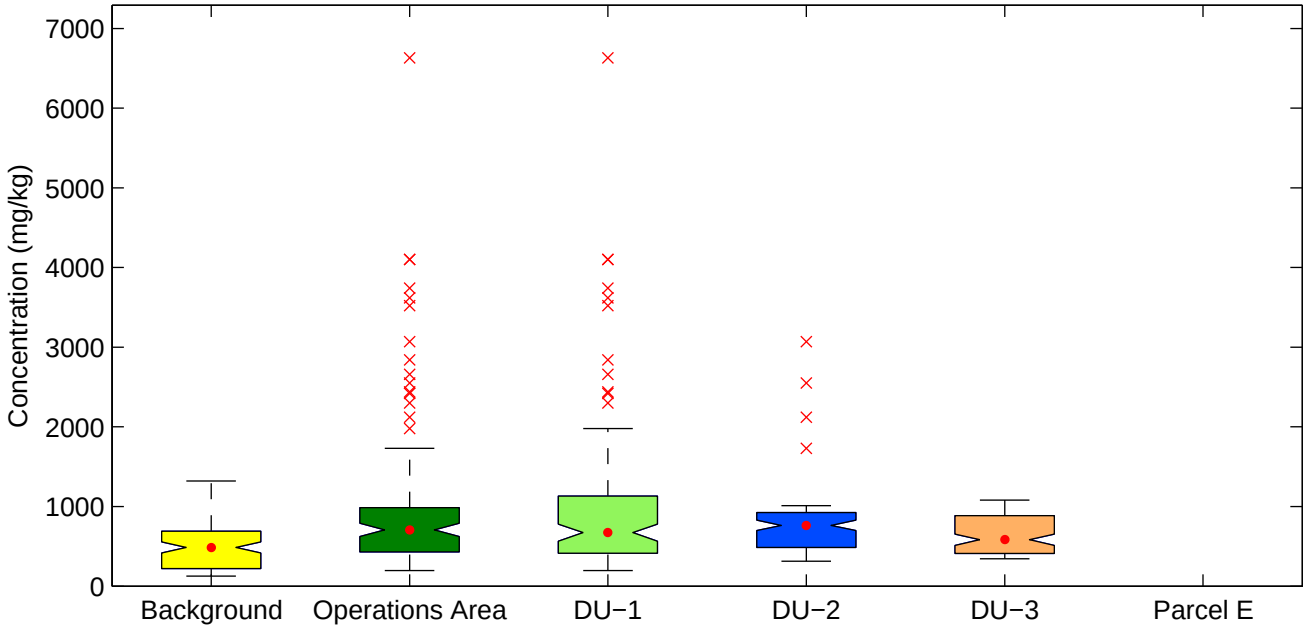


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Sodium



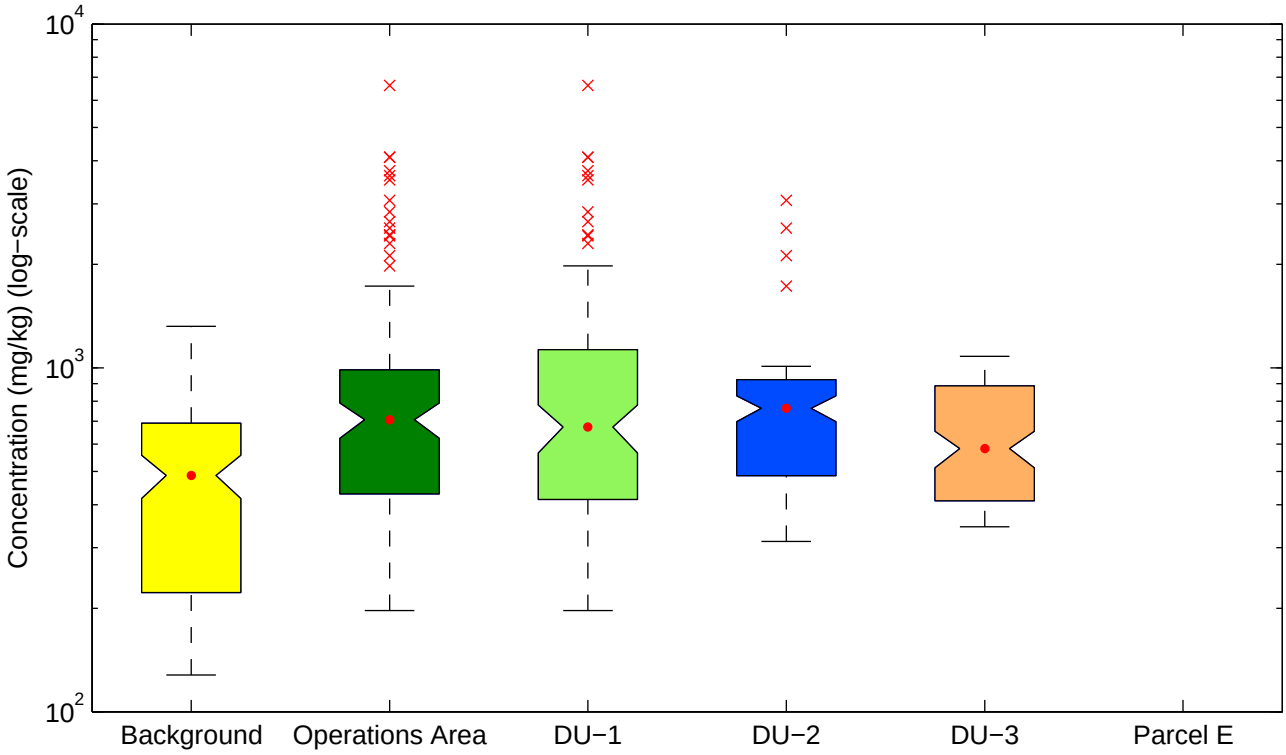
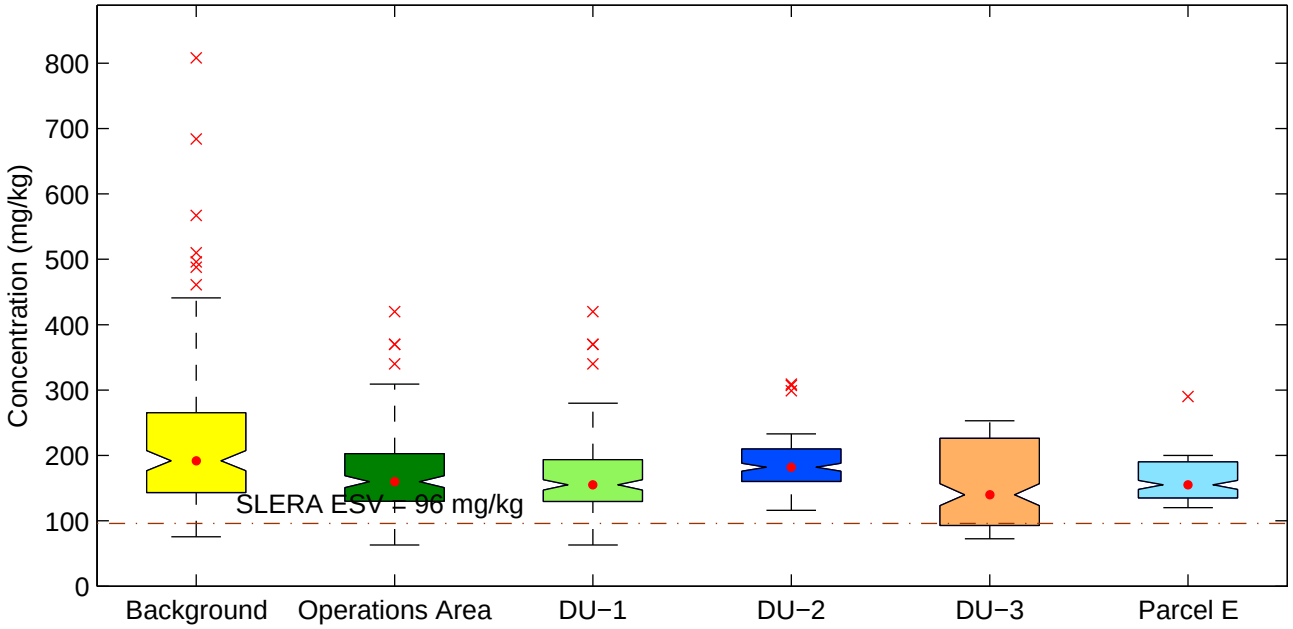


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Strontium



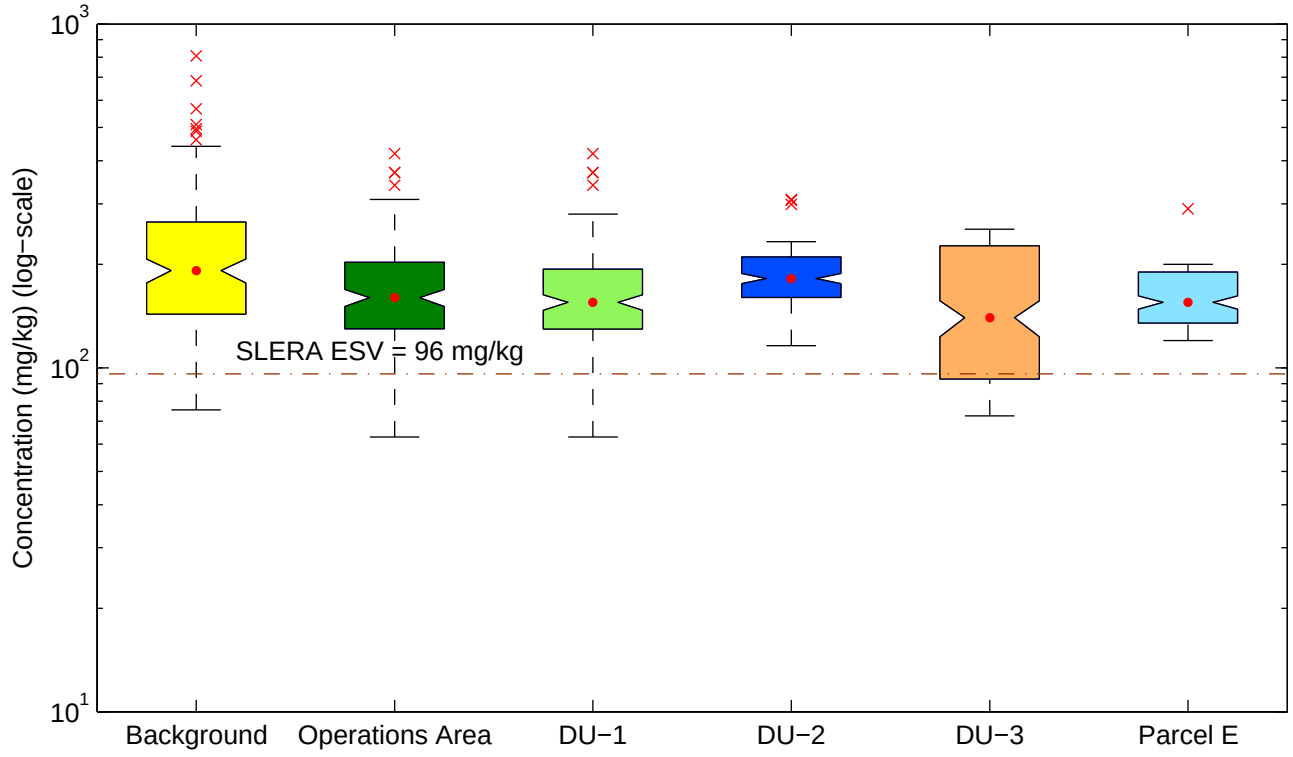
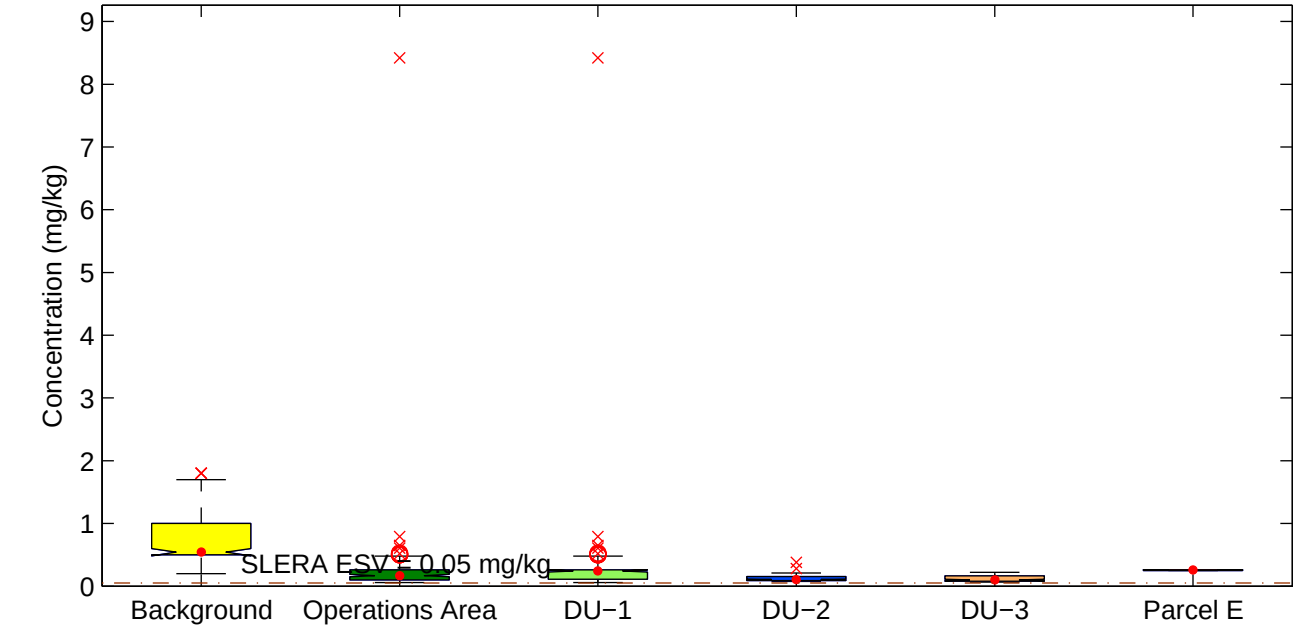


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Thallium



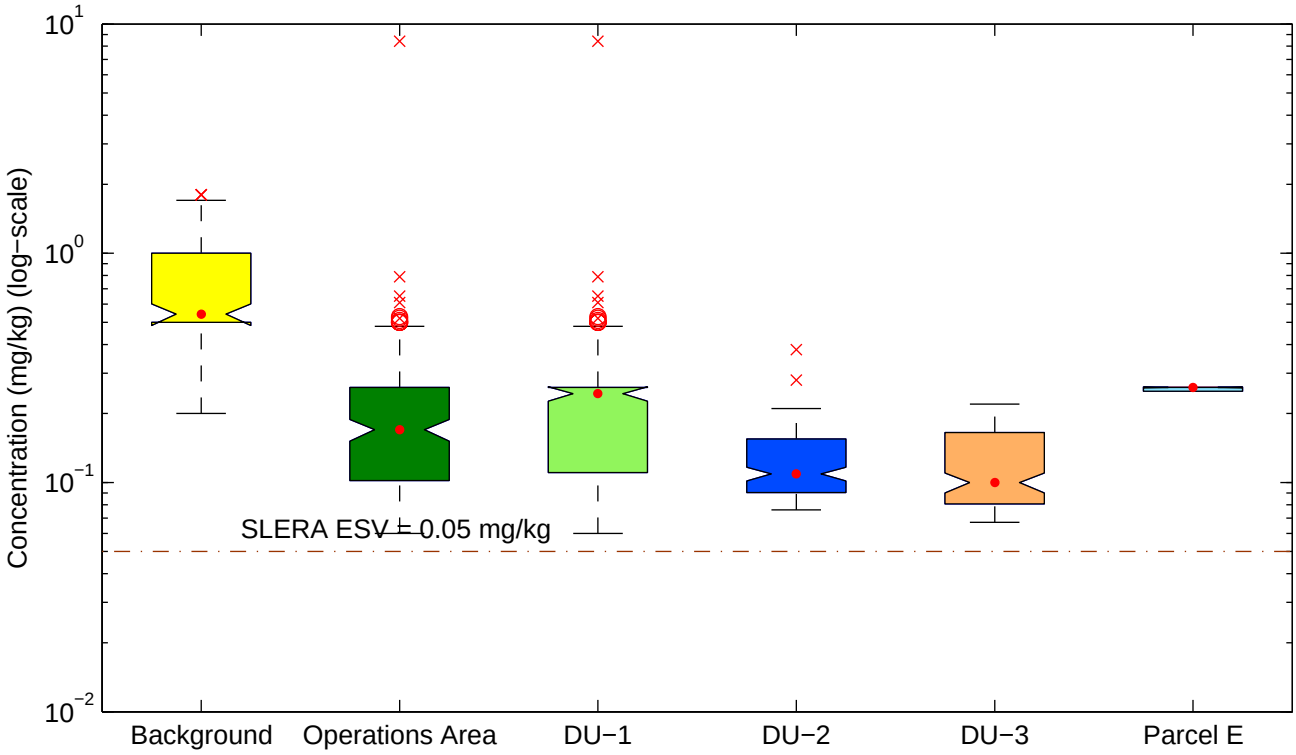
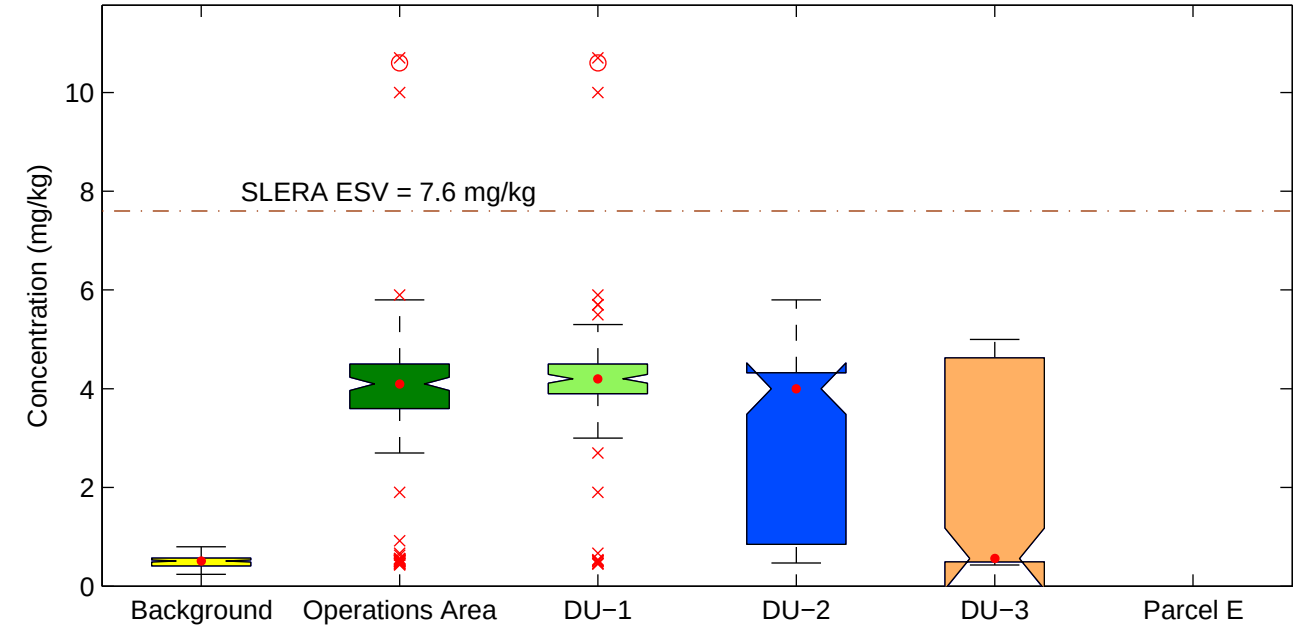


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Tin



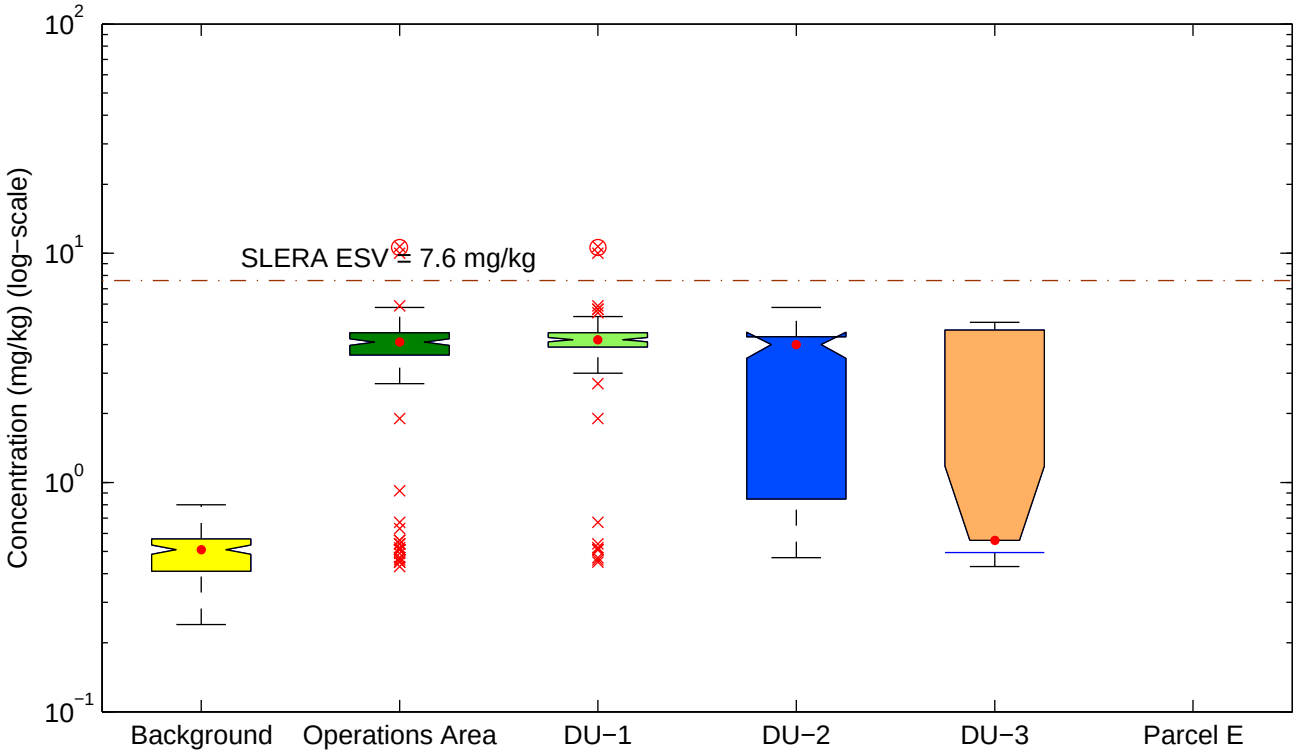
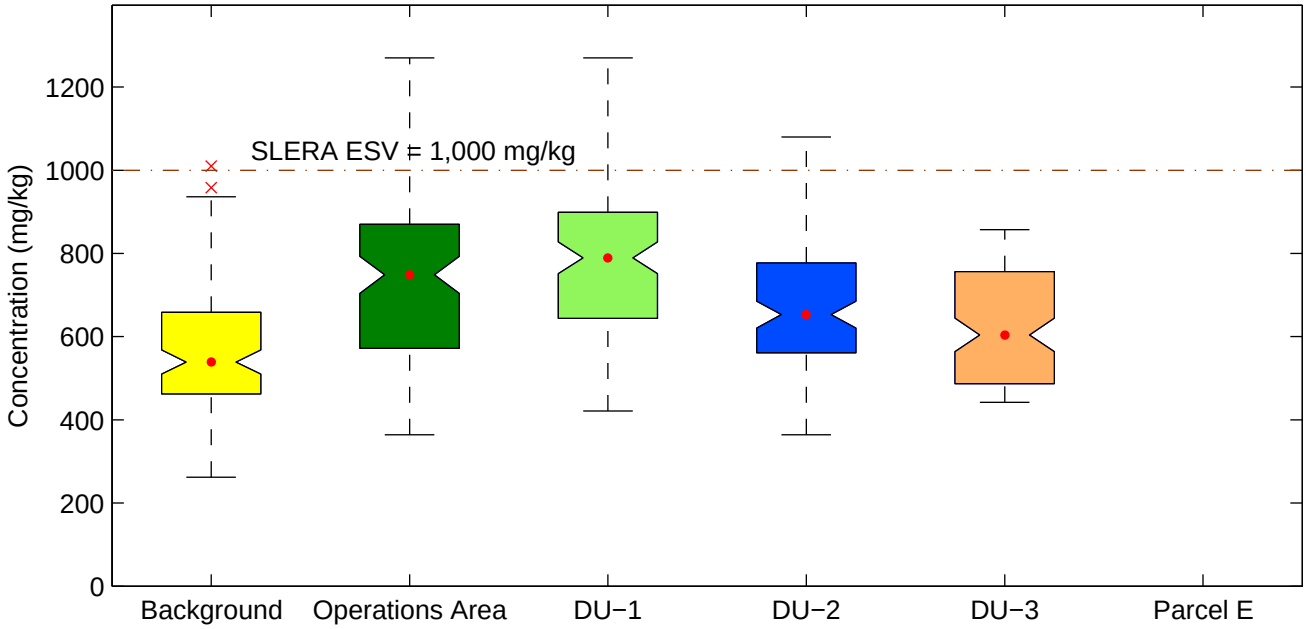


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Titanium



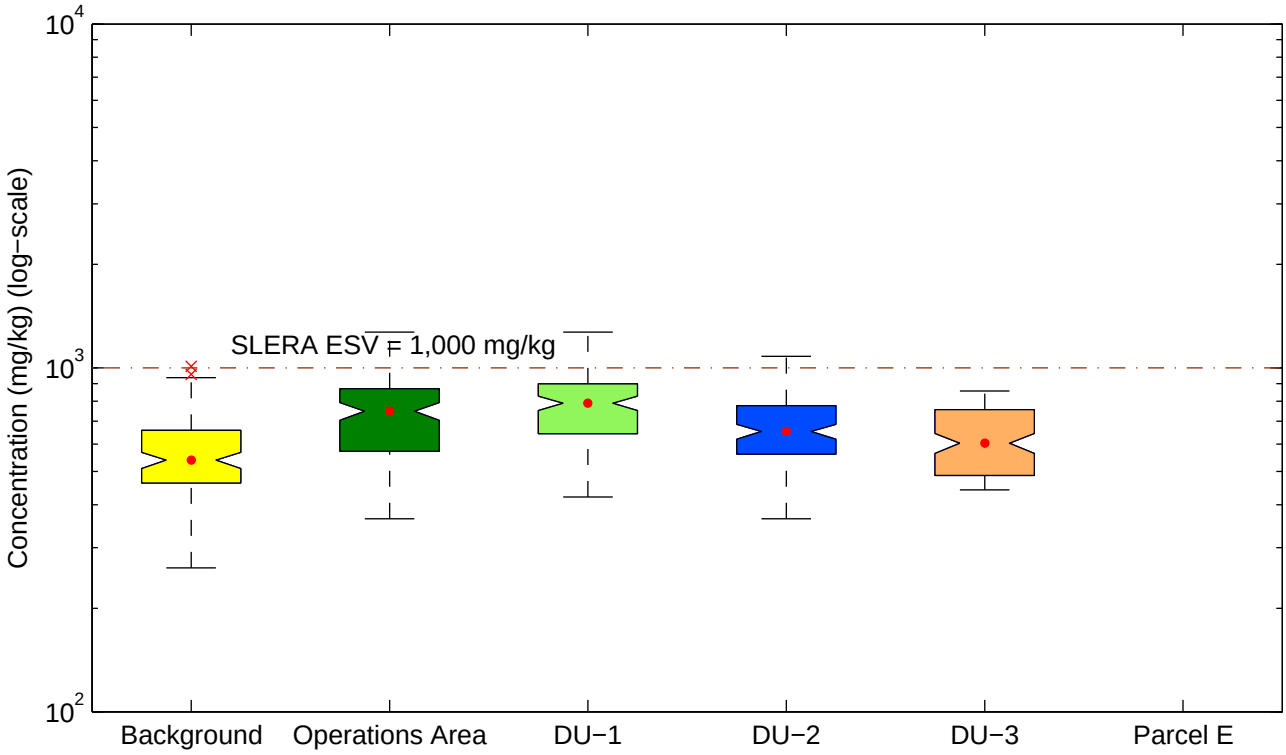
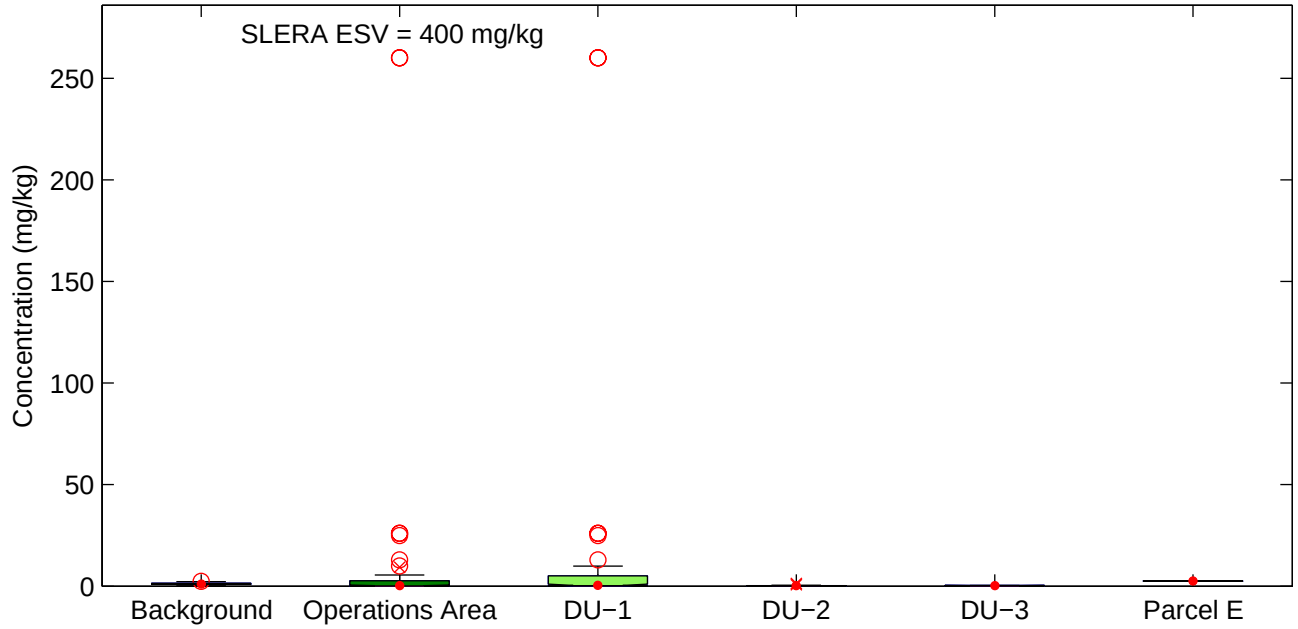


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Tungsten



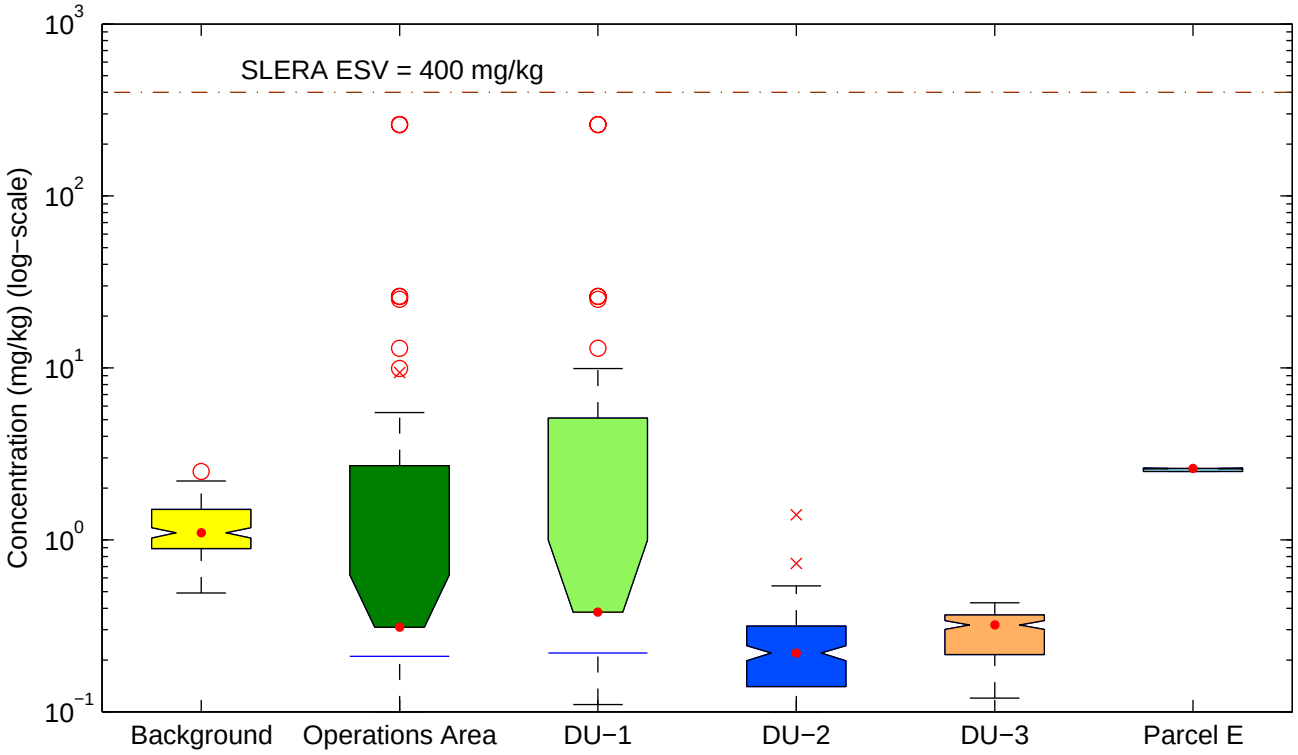
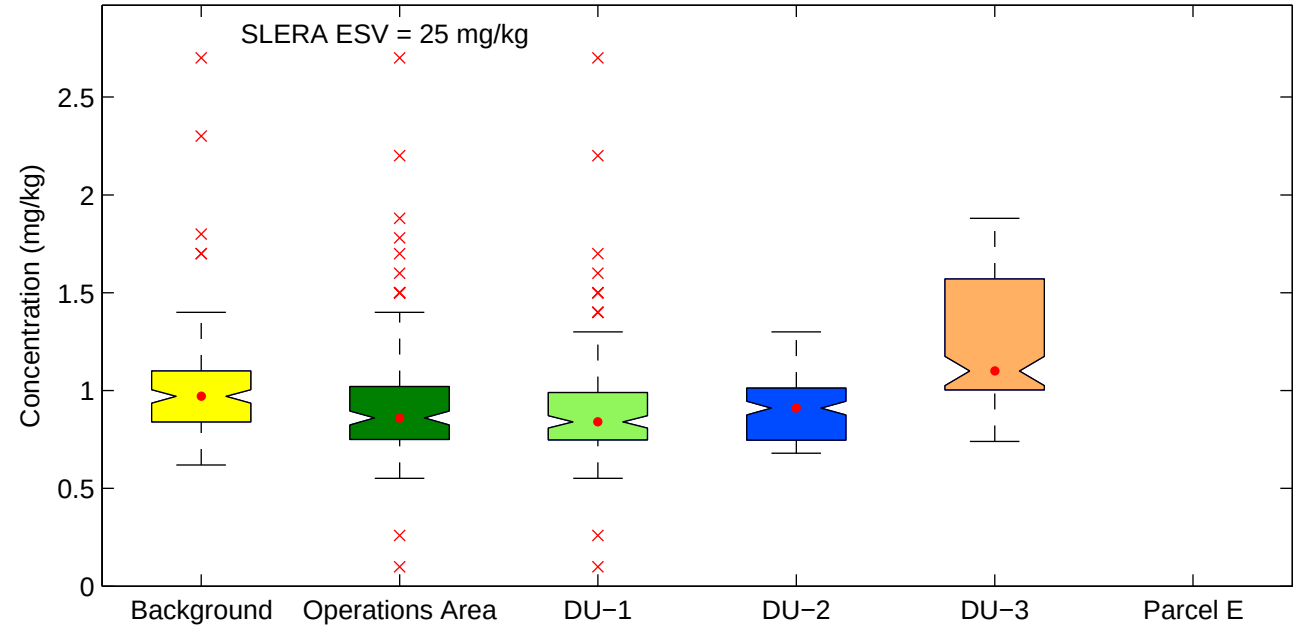


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Uranium (total)



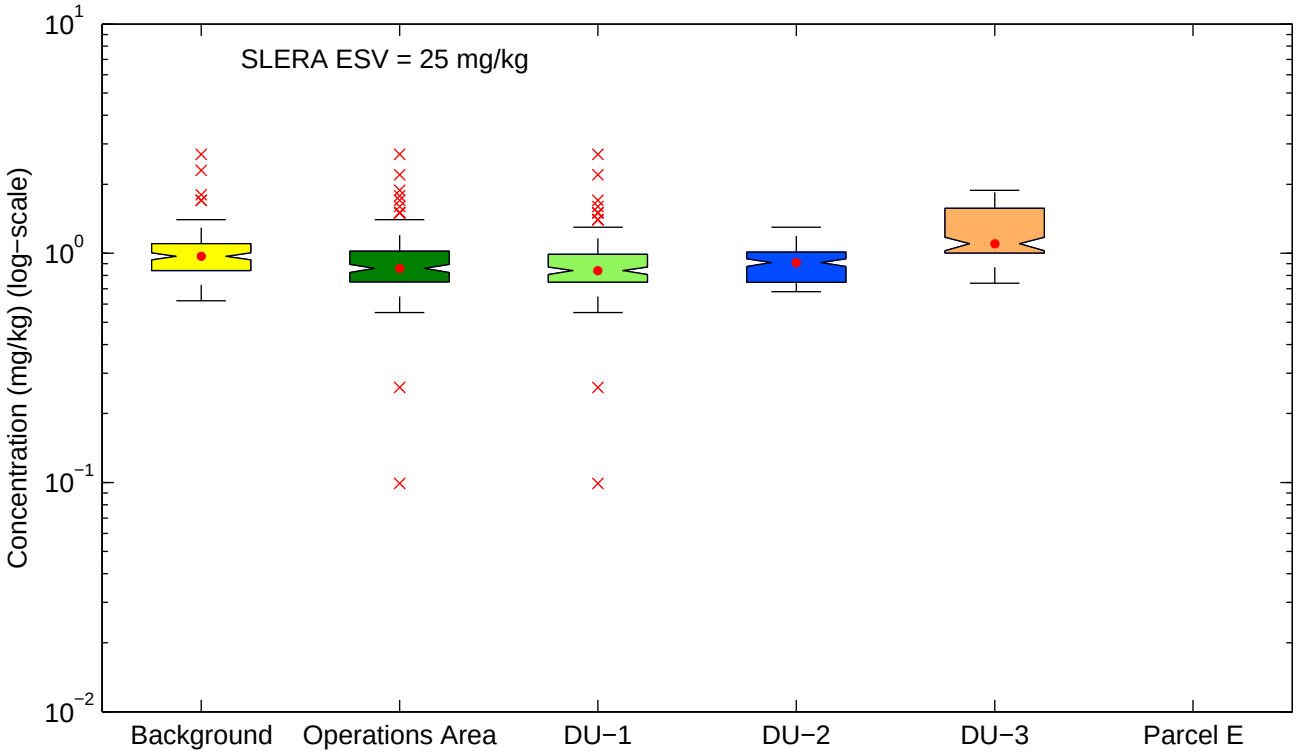
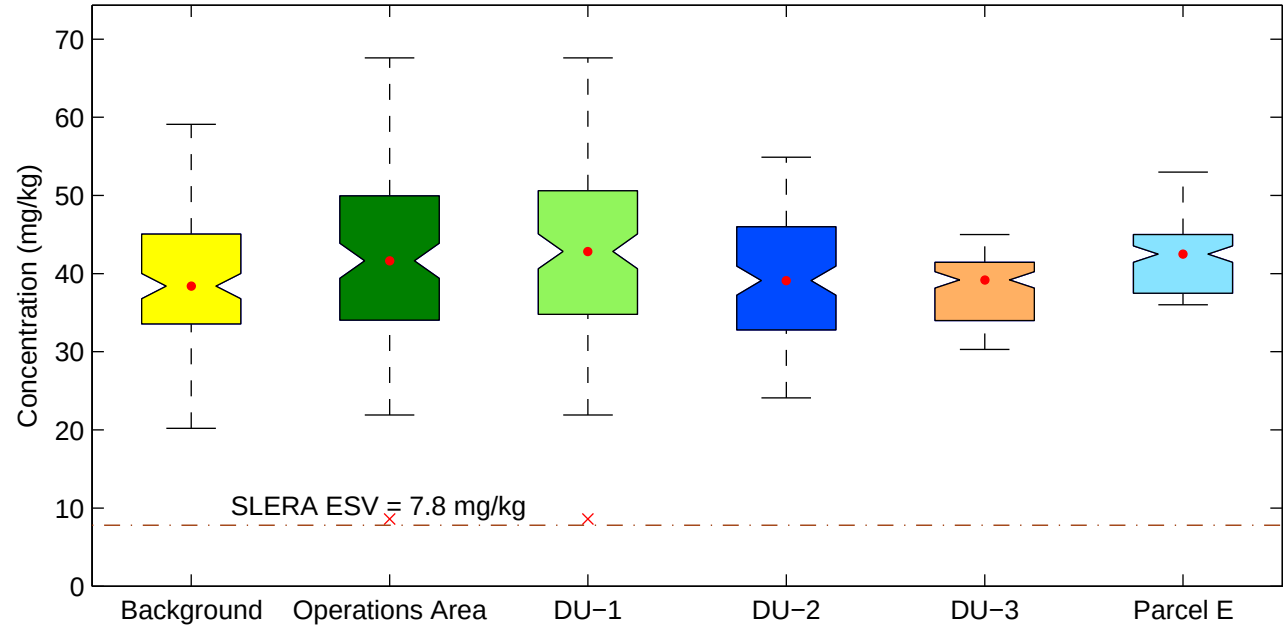


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Vanadium



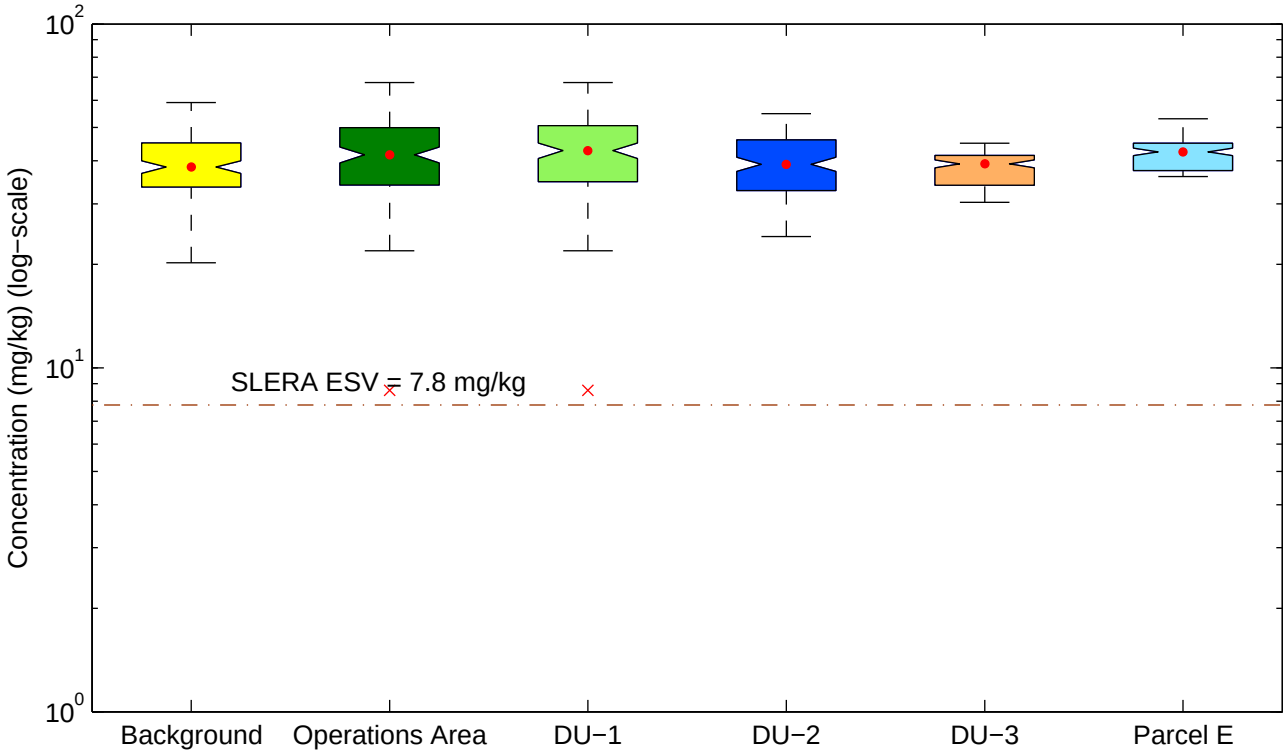
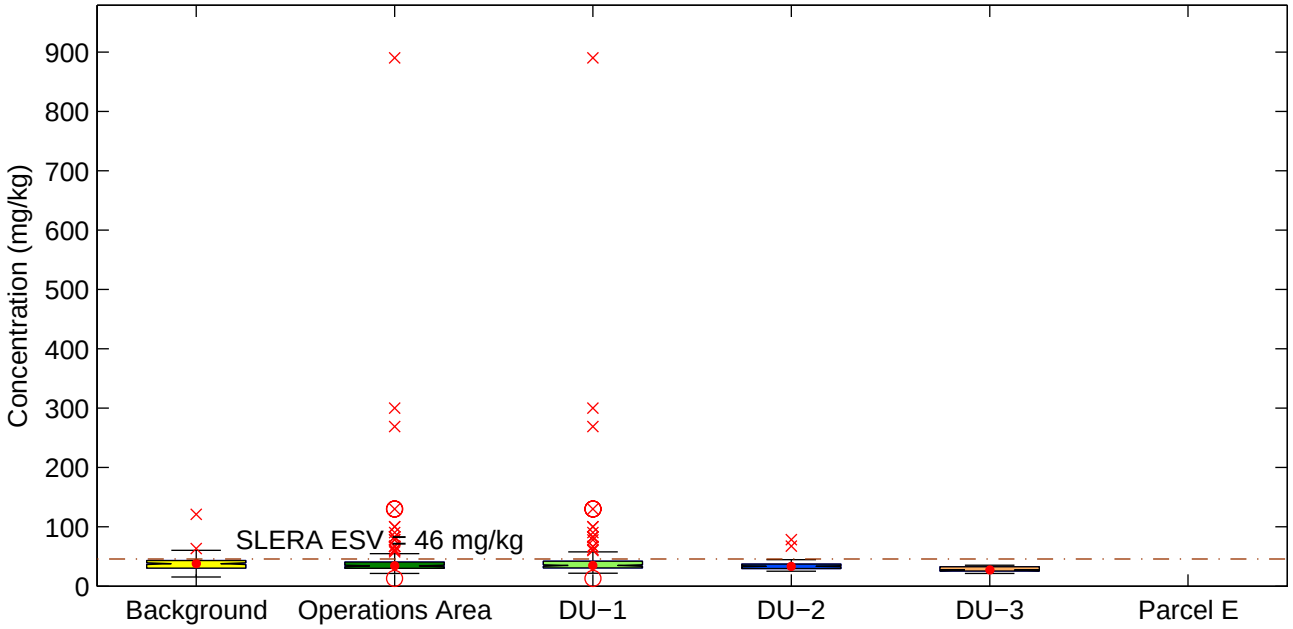


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Zinc



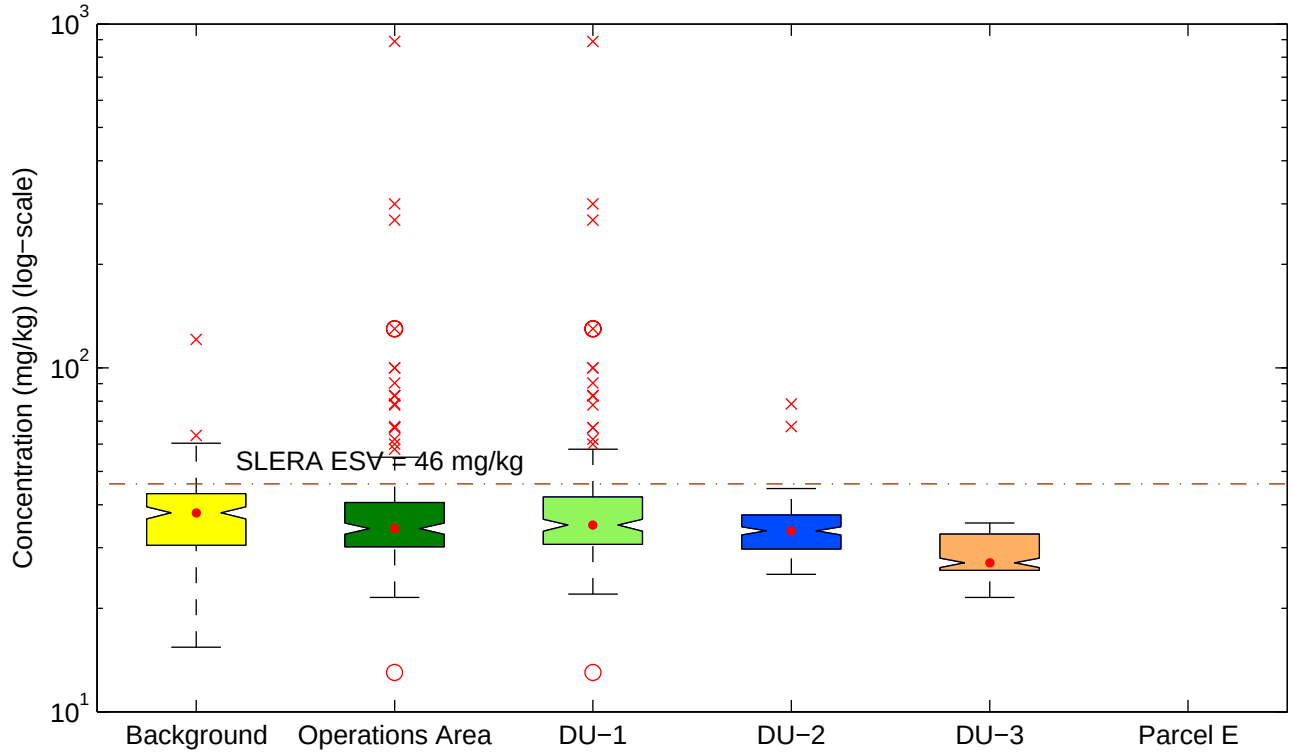
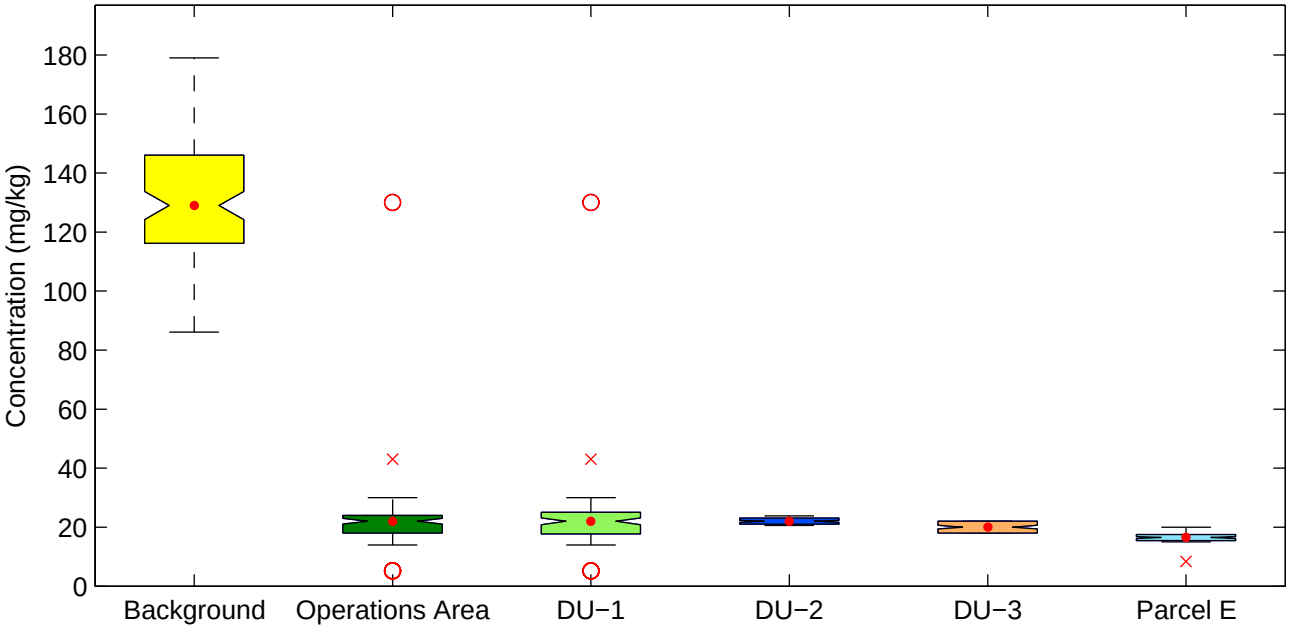


Figure E−2a. Background vs. OU−1 Refined SLERA Study Area Boxplots for Metals by Spatial Unit
Zirconium



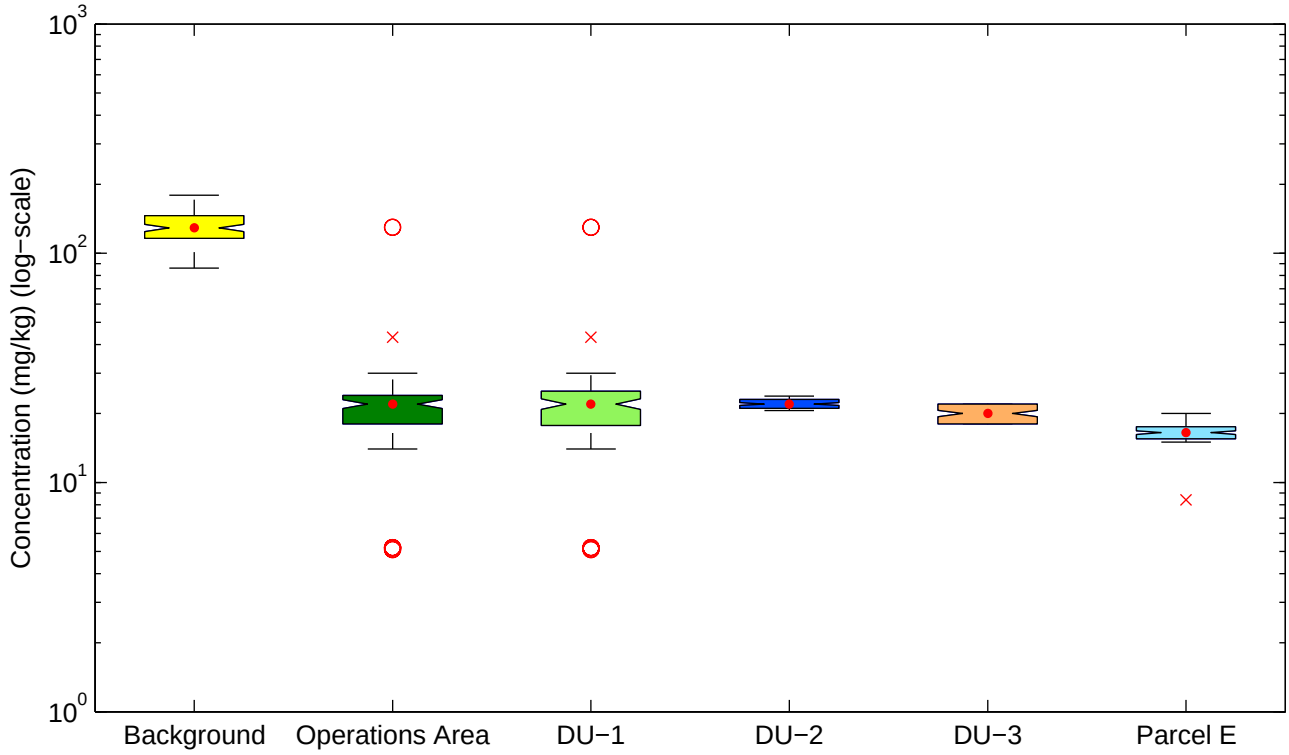
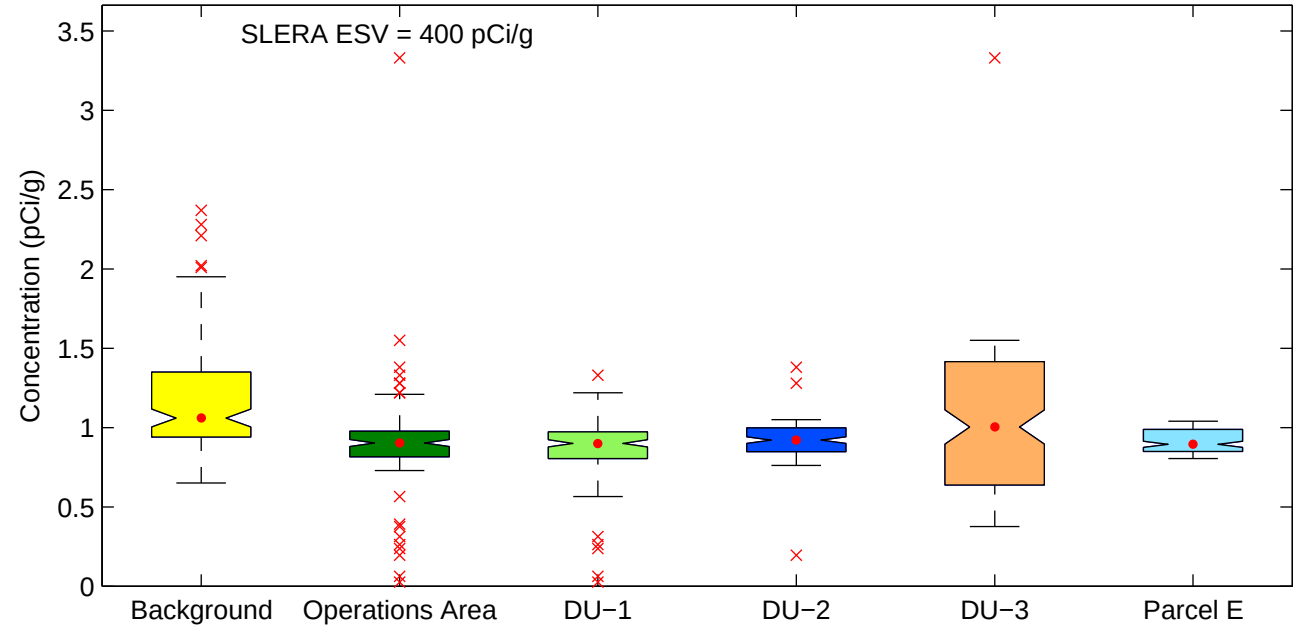


Figure E−2b. Background vs. OU−1 Refined SLERA Study Area Boxplots for Radionuclides by Spatial Unit
Uranium−238



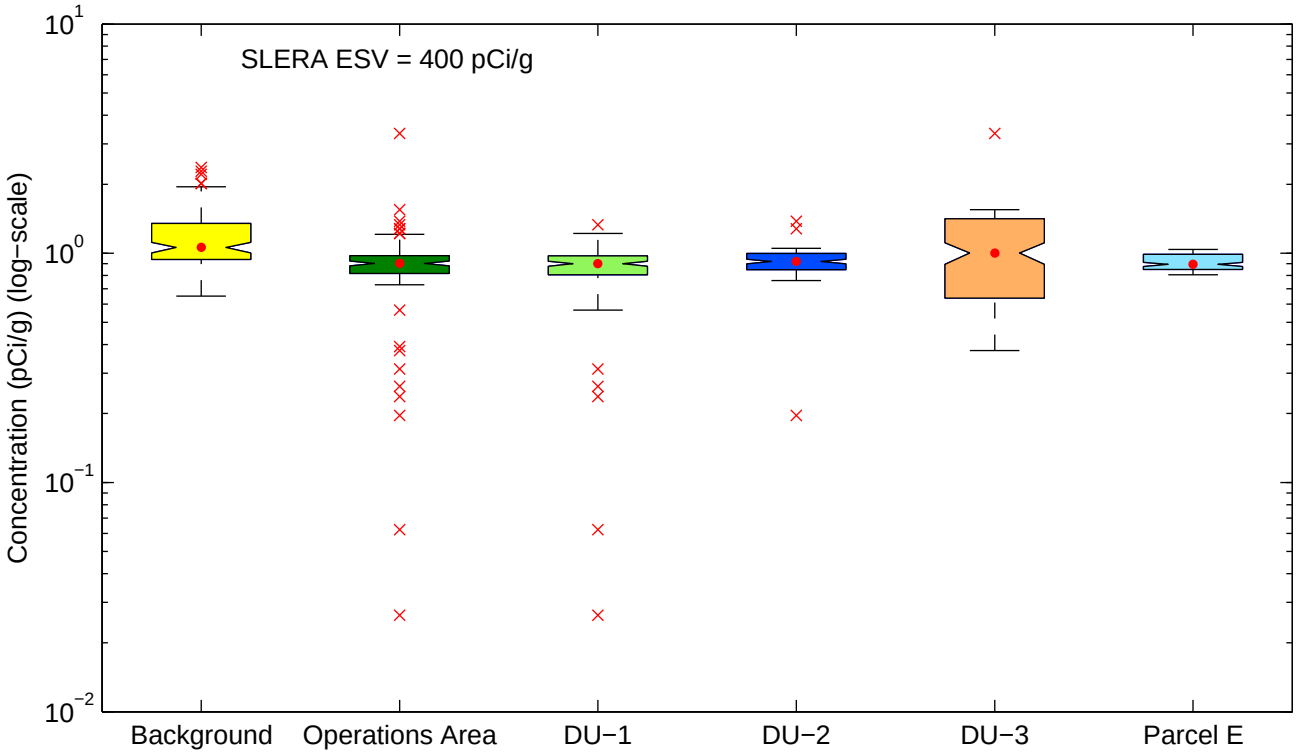
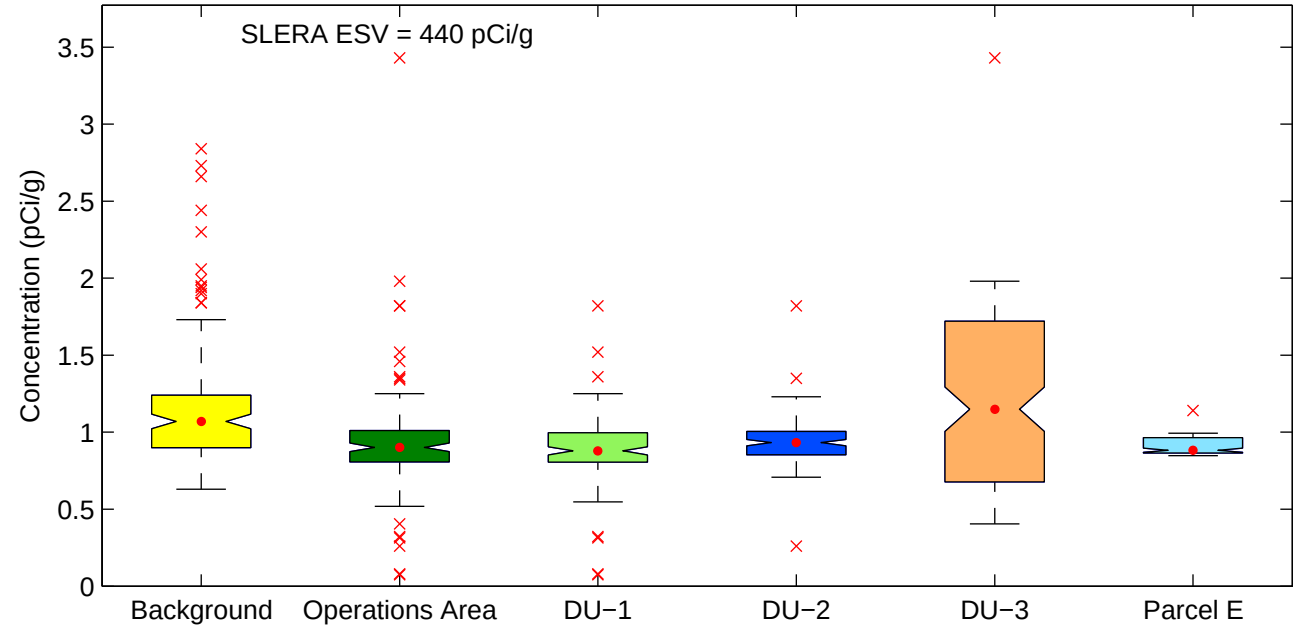


Figure E−2b. Background vs. OU−1 Refined SLERA Study Area Boxplots for Radionuclides by Spatial Unit
Uranium−234



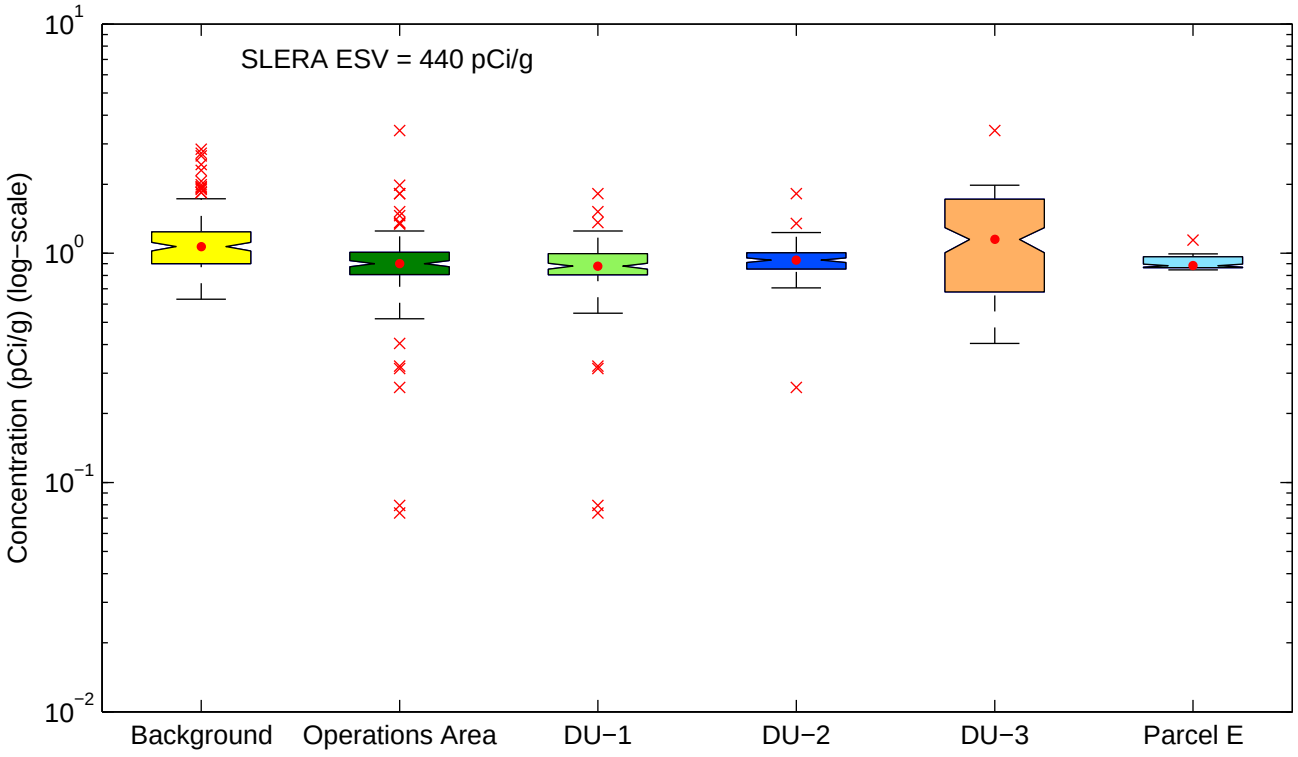
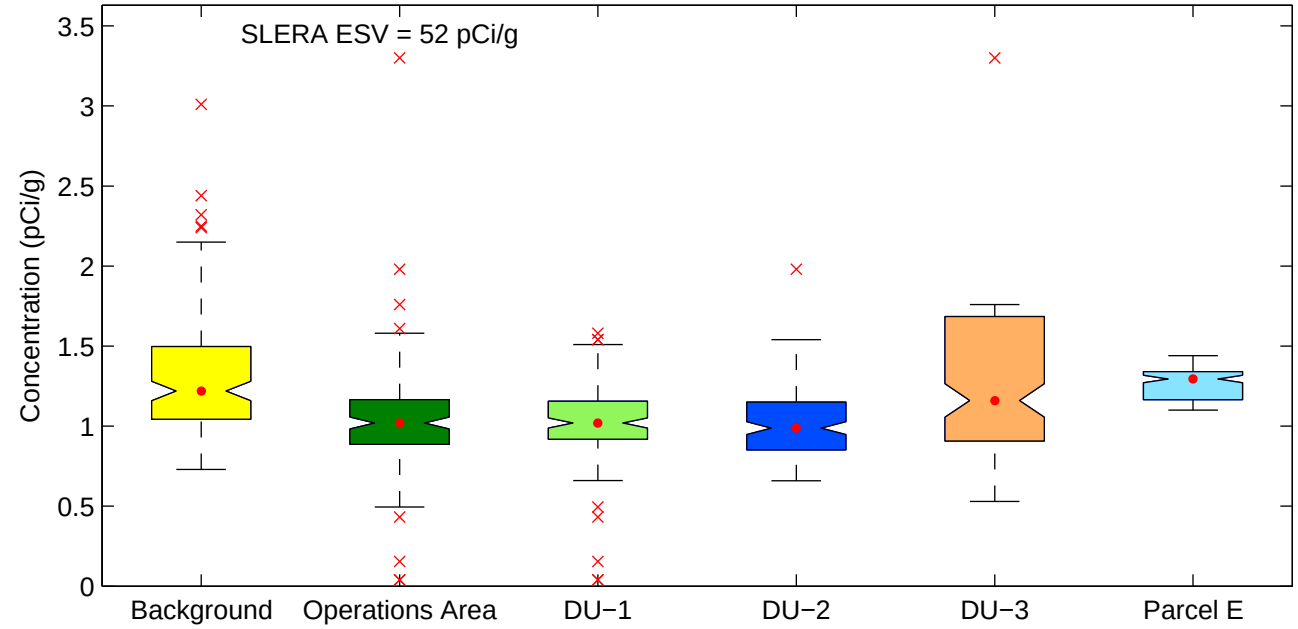


Figure E−2b. Background vs. OU−1 Refined SLERA Study Area Boxplots for Radionuclides by Spatial Unit
Thorium−230



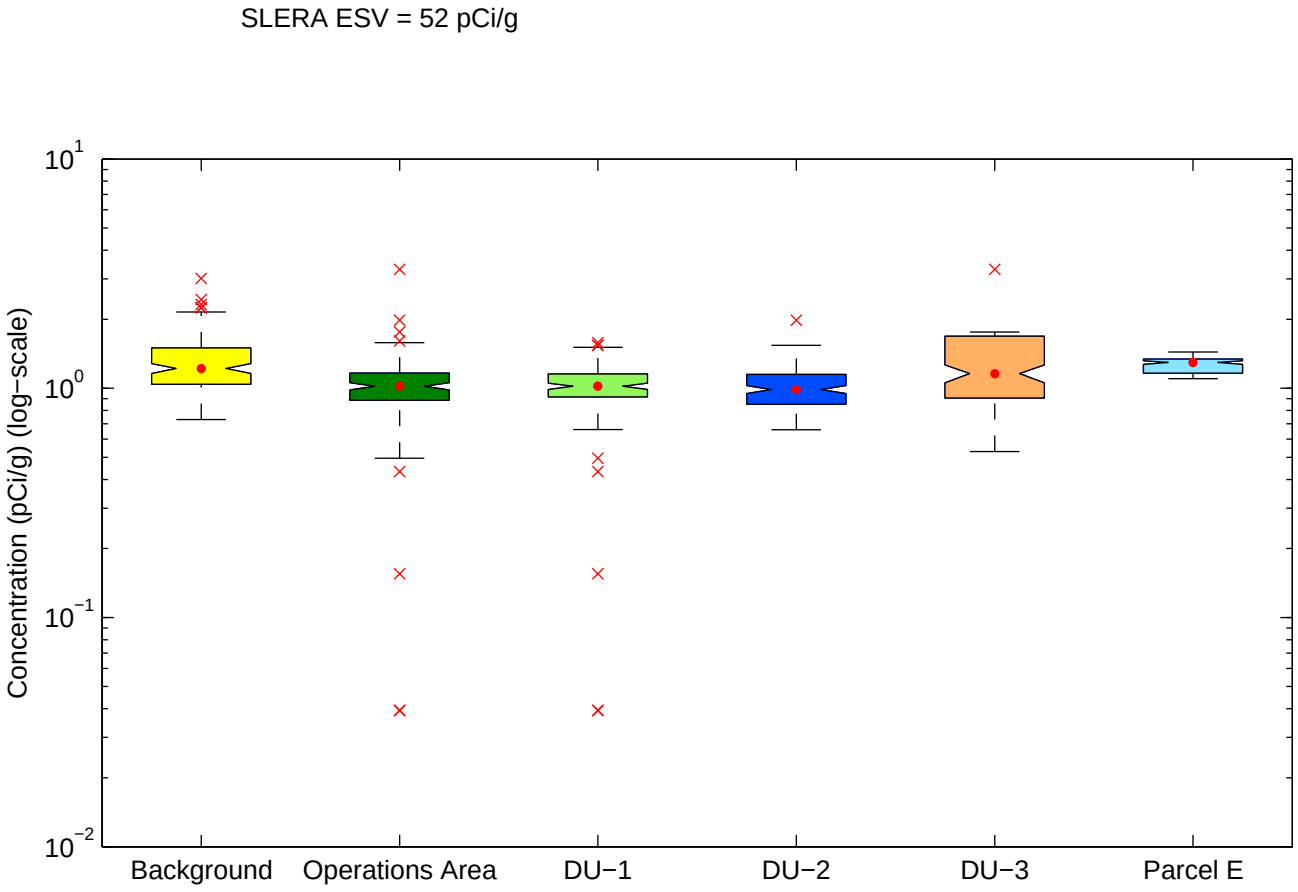
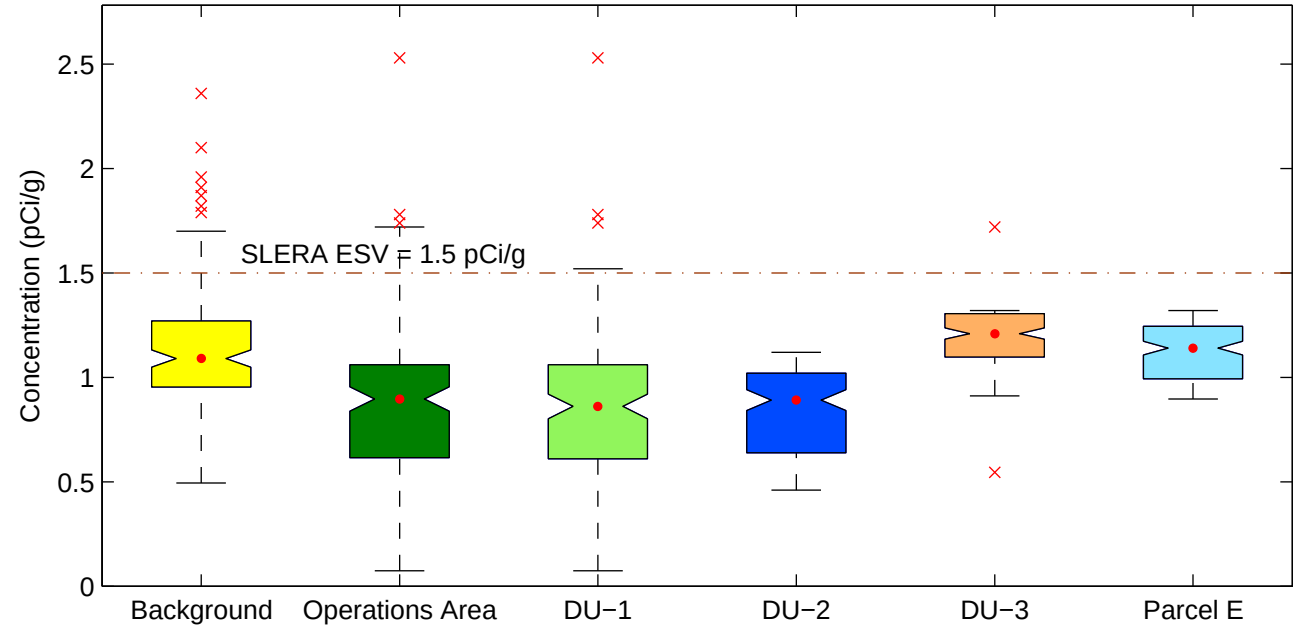


Figure E−2b. Background vs. OU−1 Refined SLERA Study Area Boxplots for Radionuclides by Spatial Unit
Radium−226



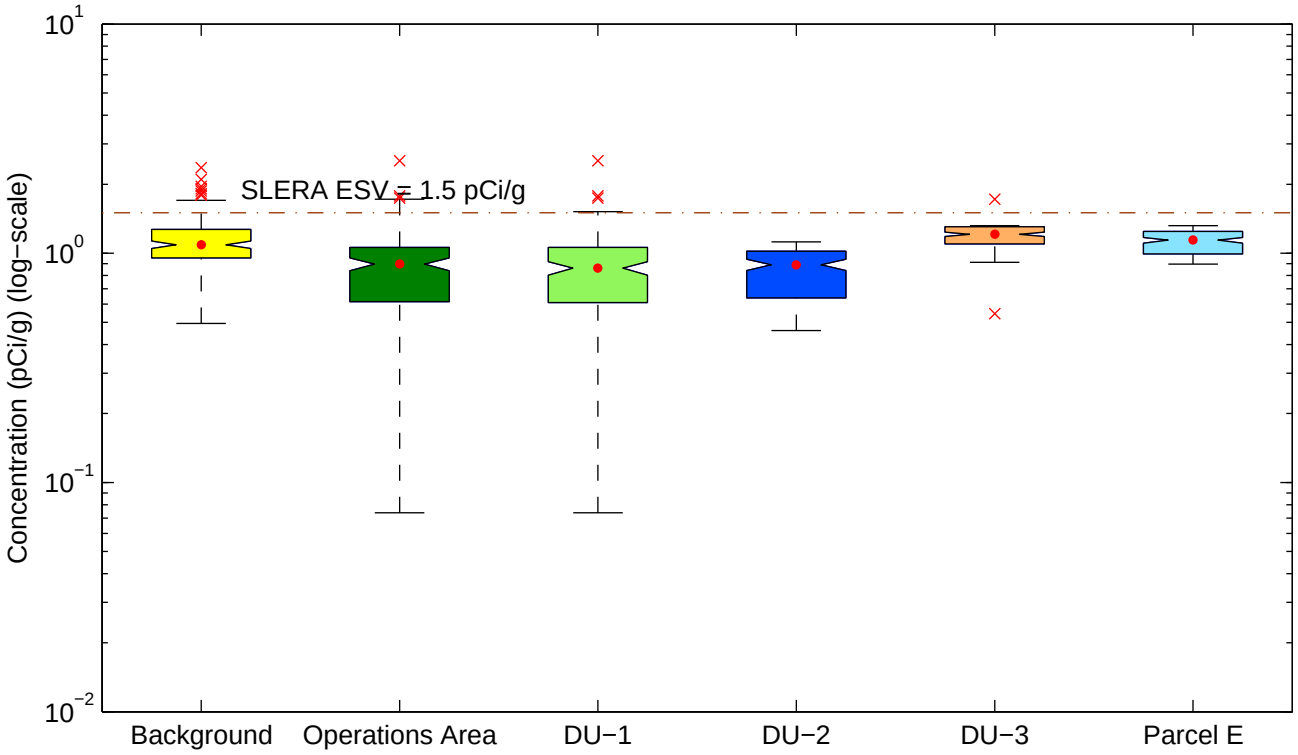
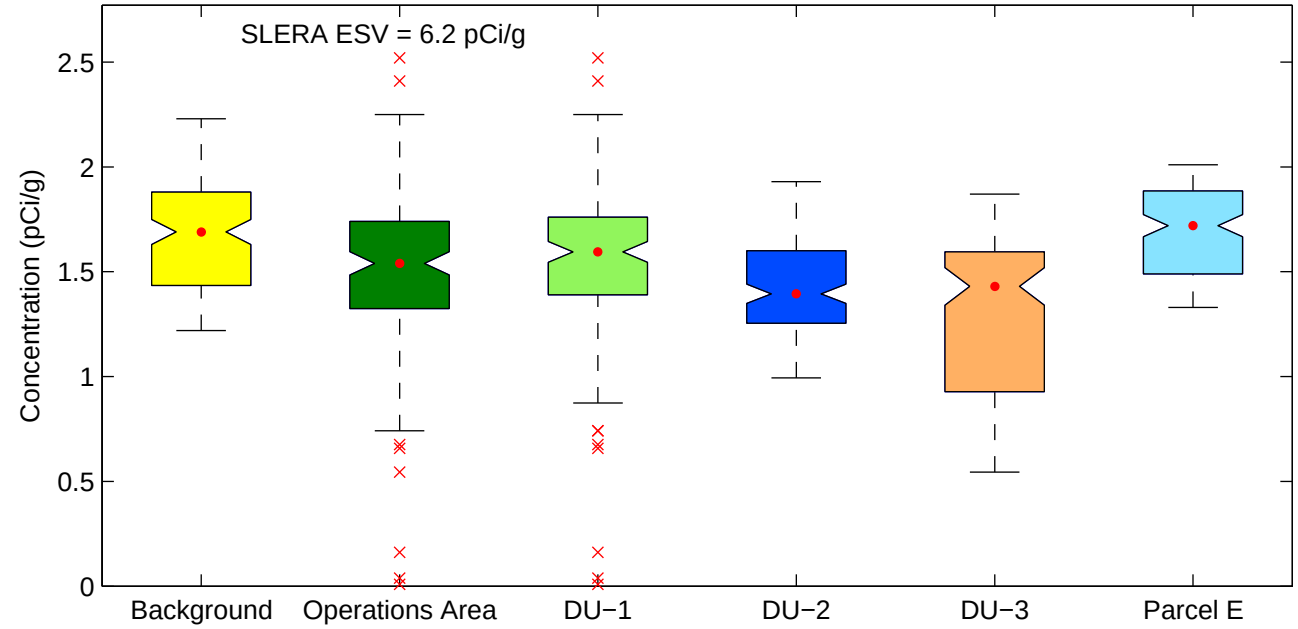


Figure E−2b. Background vs. OU−1 Refined SLERA Study Area Boxplots for Radionuclides by Spatial Unit
Thorium−232



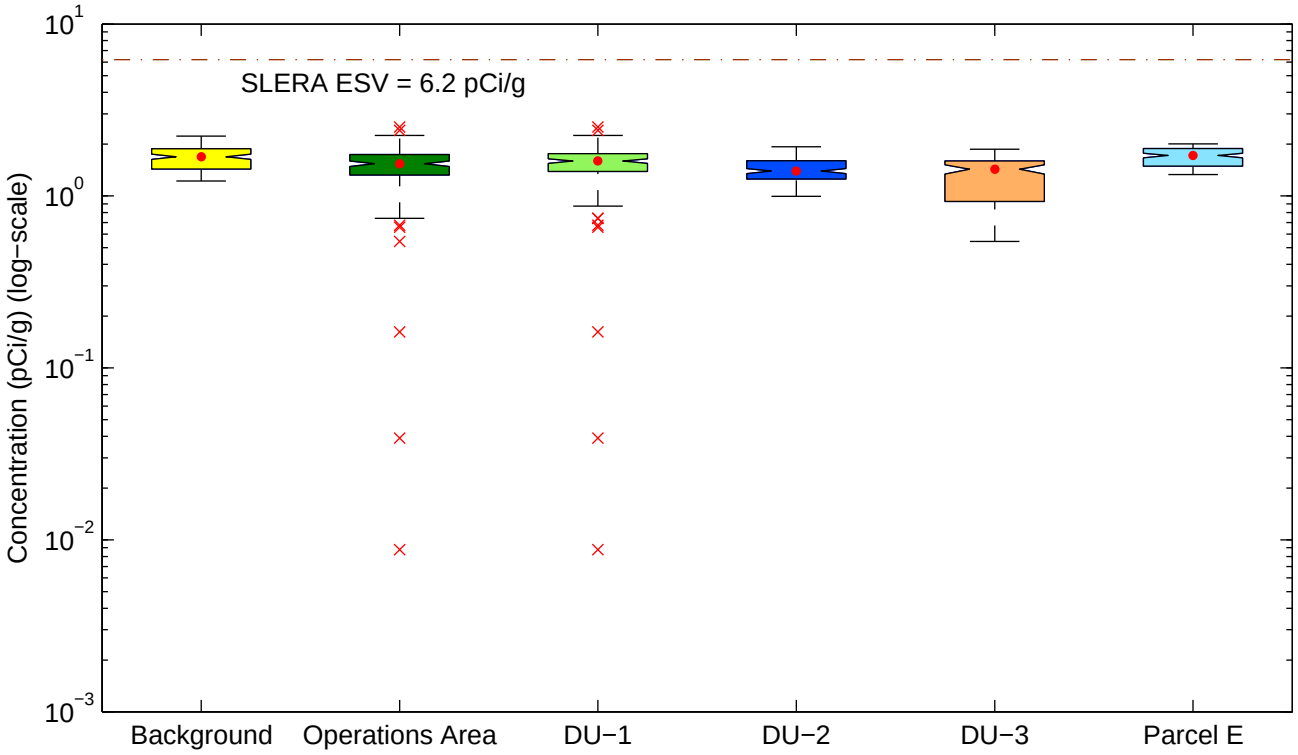
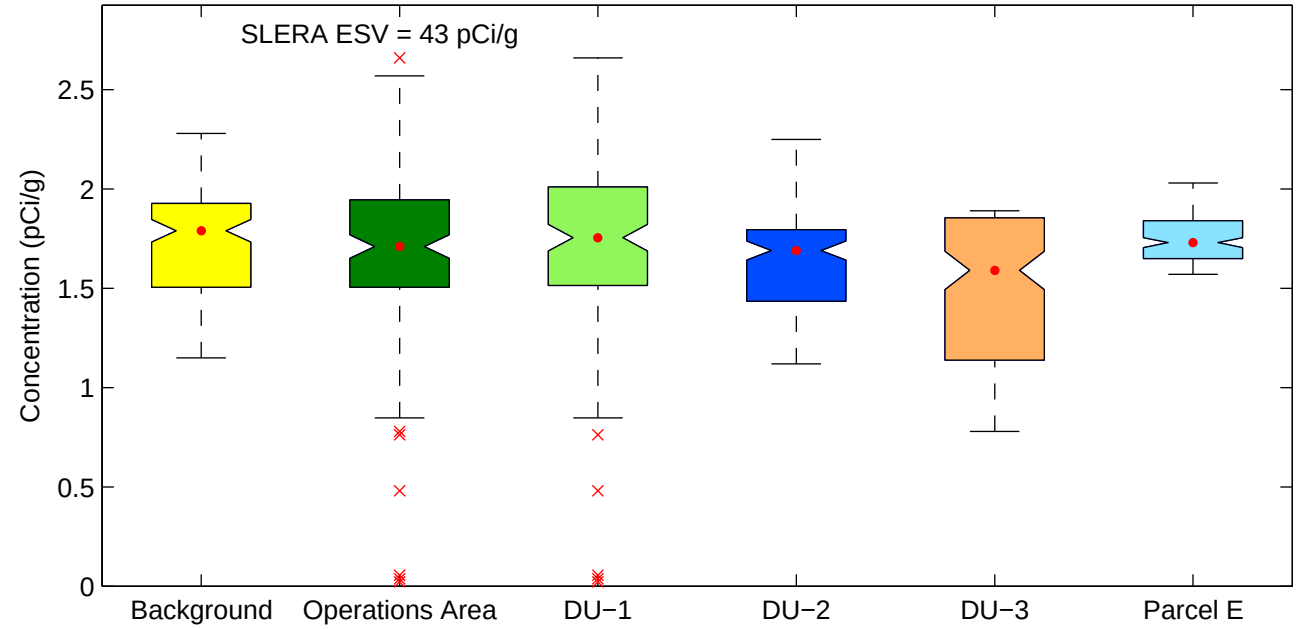


Figure E−2b. Background vs. OU−1 Refined SLERA Study Area Boxplots for Radionuclides by Spatial Unit
Thorium−228



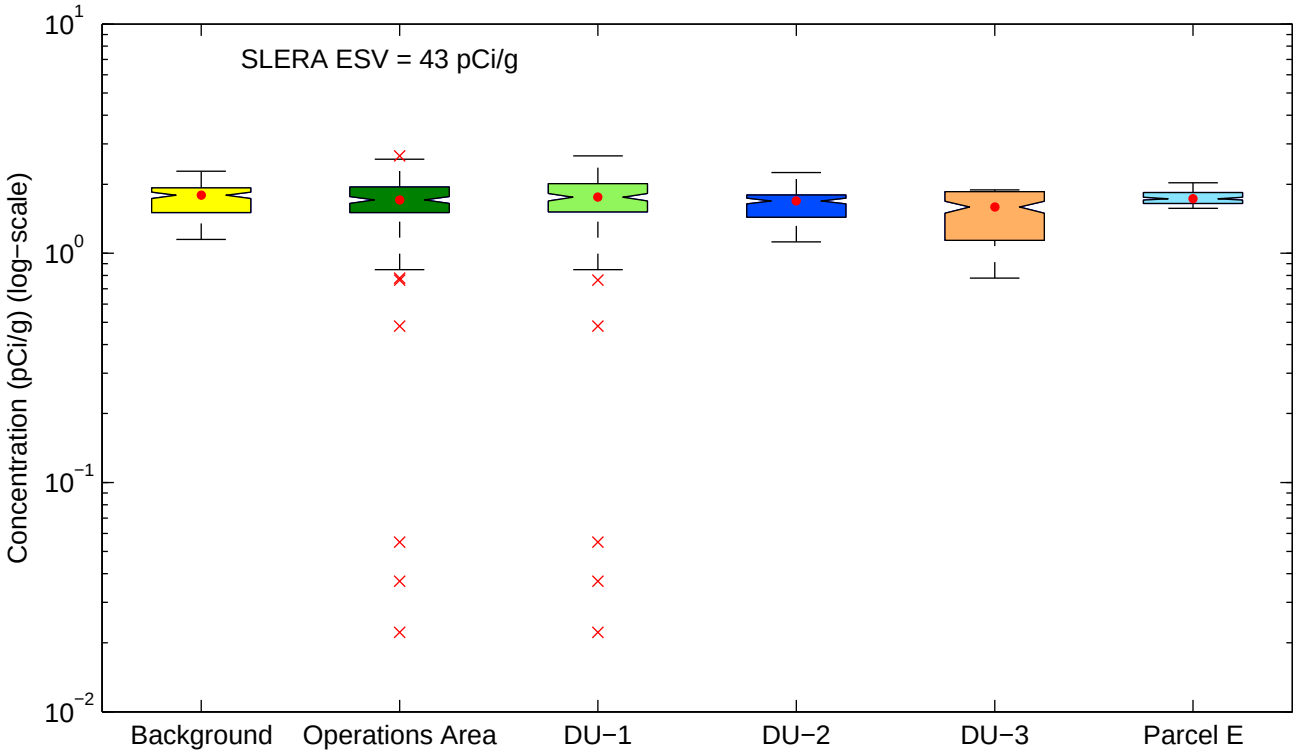
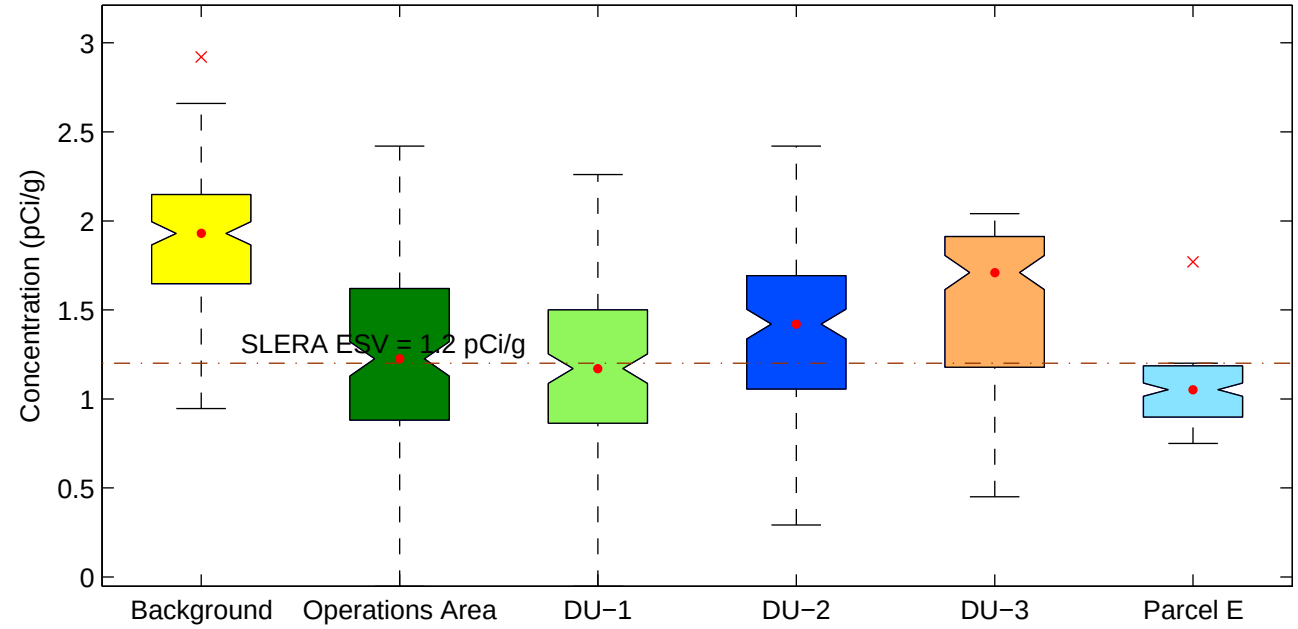


Figure E−2b. Background vs. OU−1 Refined SLERA Study Area Boxplots for Radionuclides by Spatial Unit
Radium−228



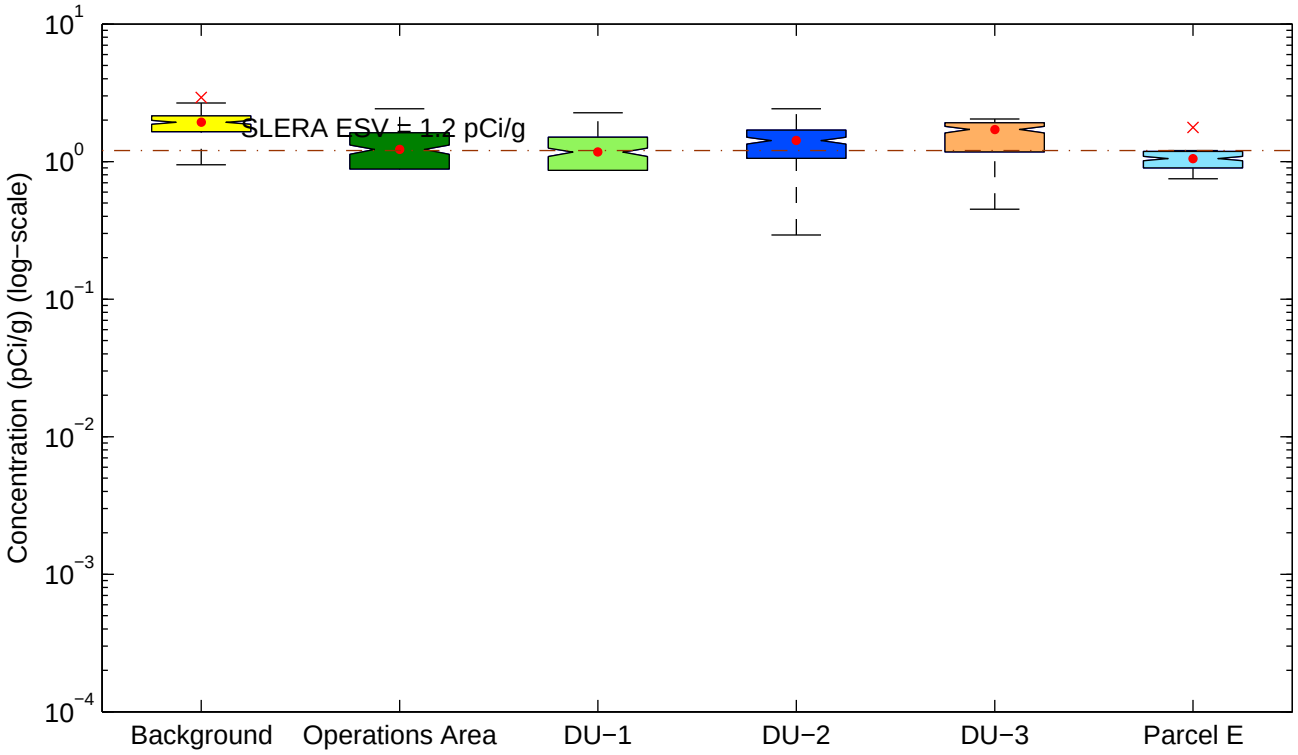
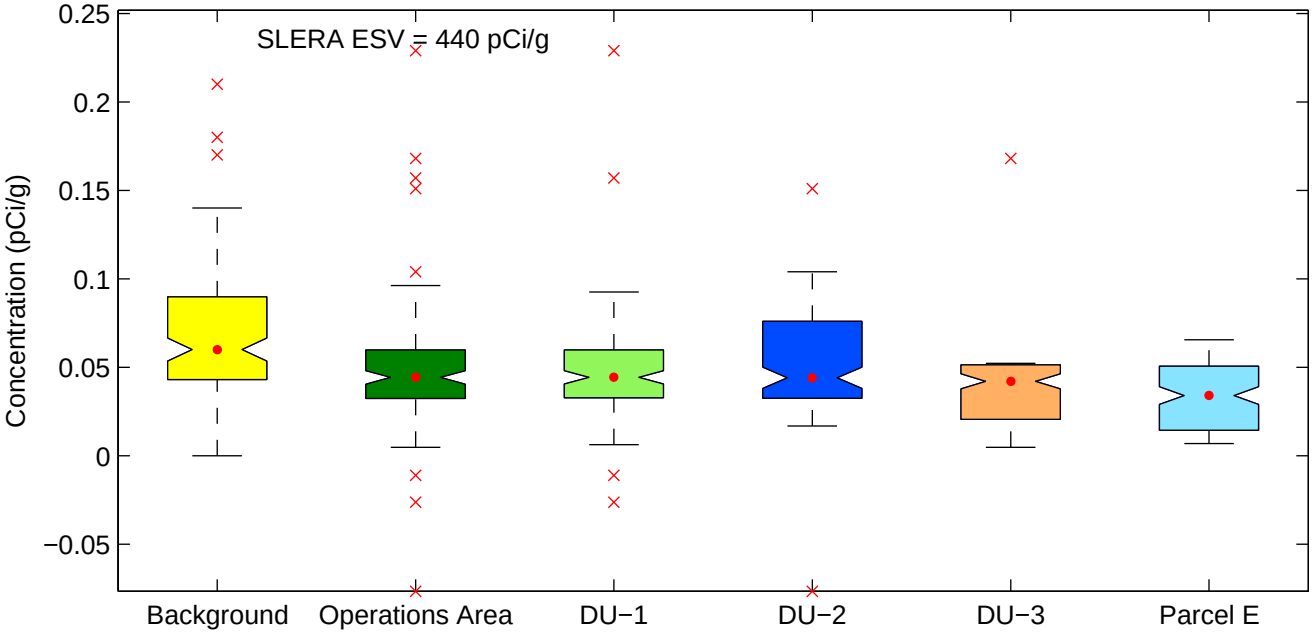


Figure E−2b. Background vs. OU−1 Refined SLERA Study Area Boxplots for Radionuclides by Spatial Unit
Uranium−235



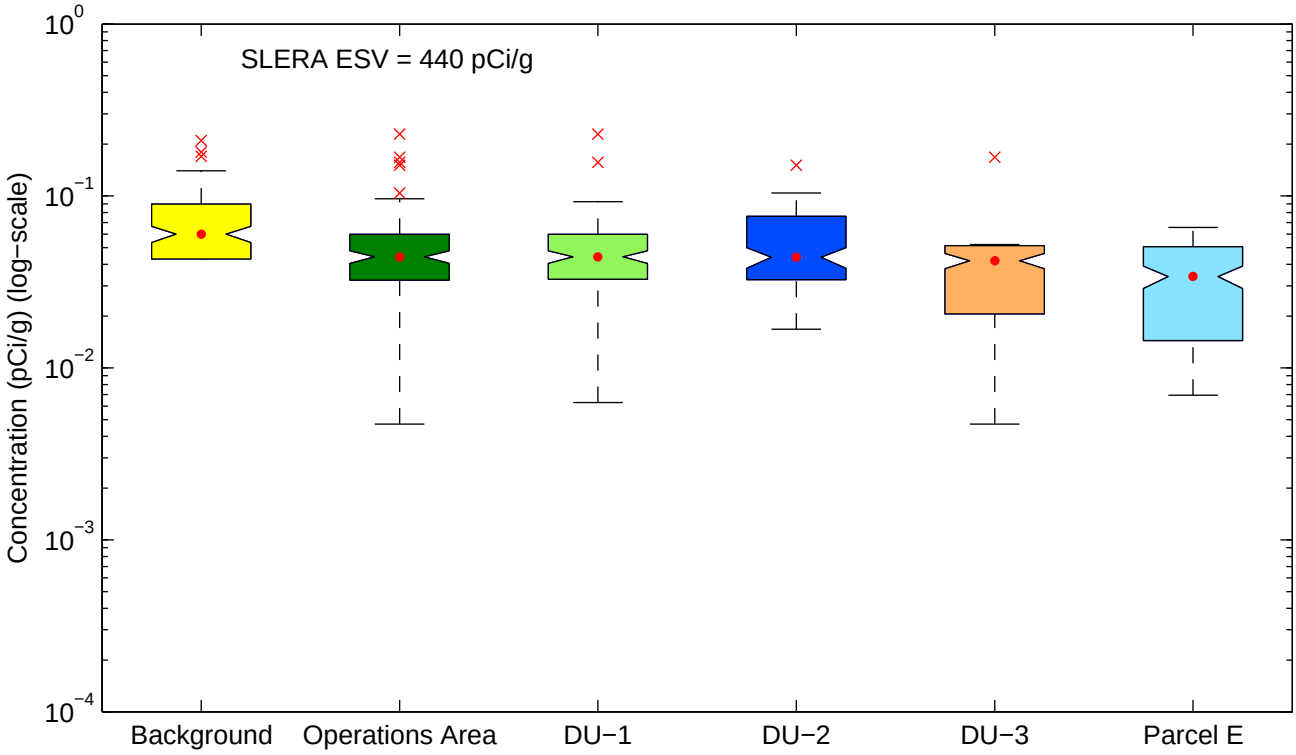
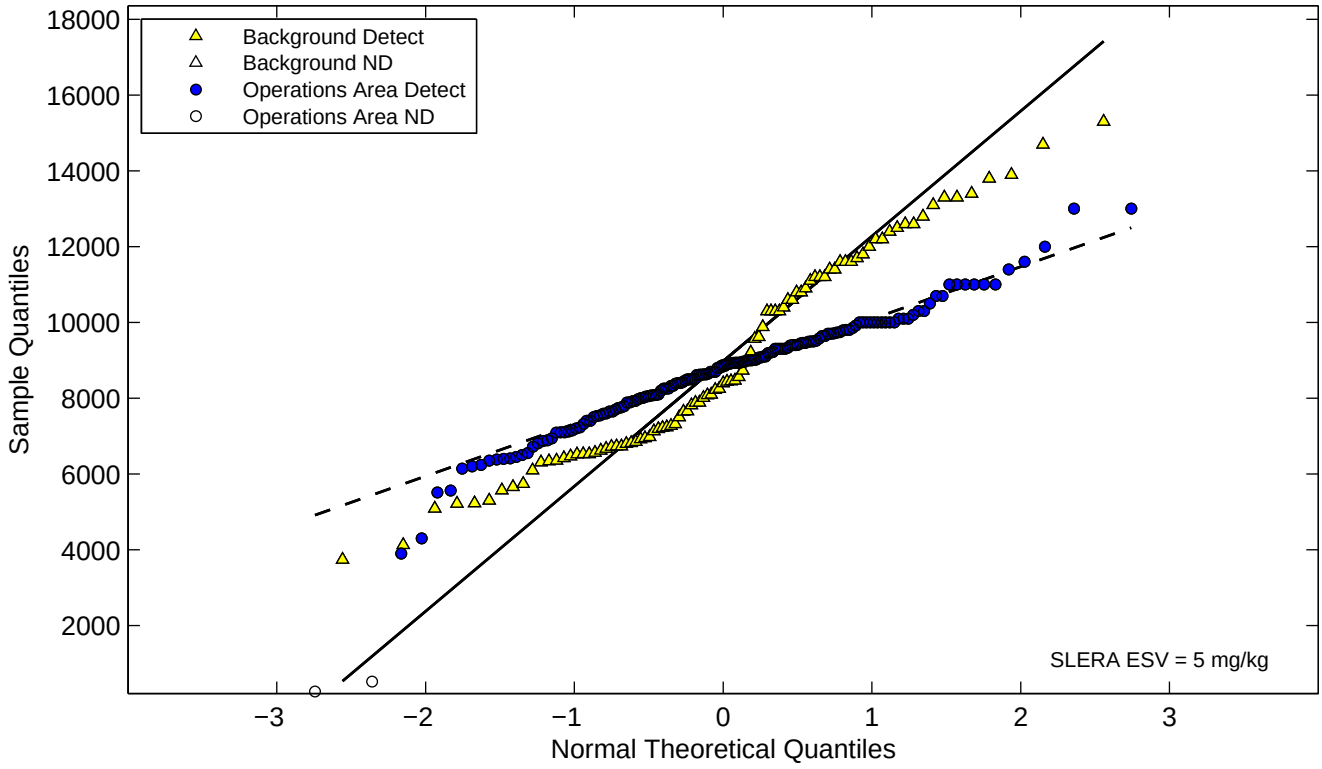


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Aluminum



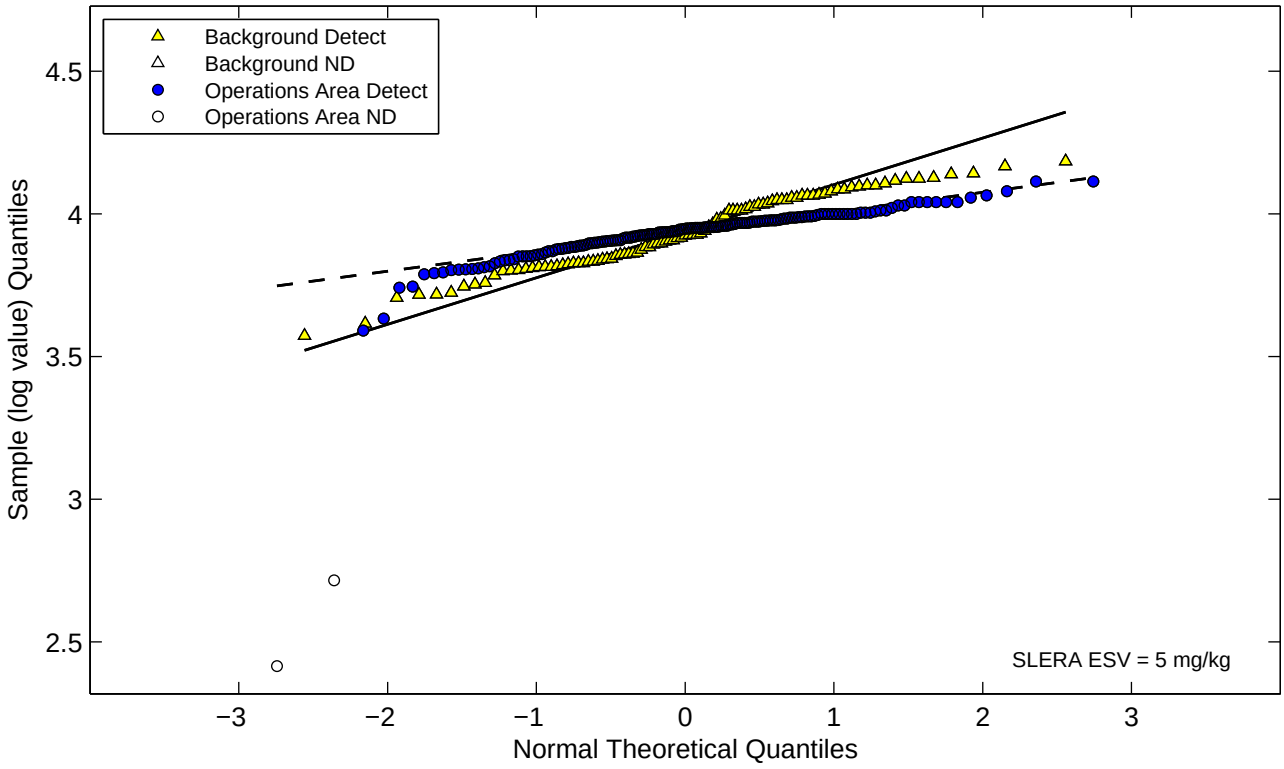
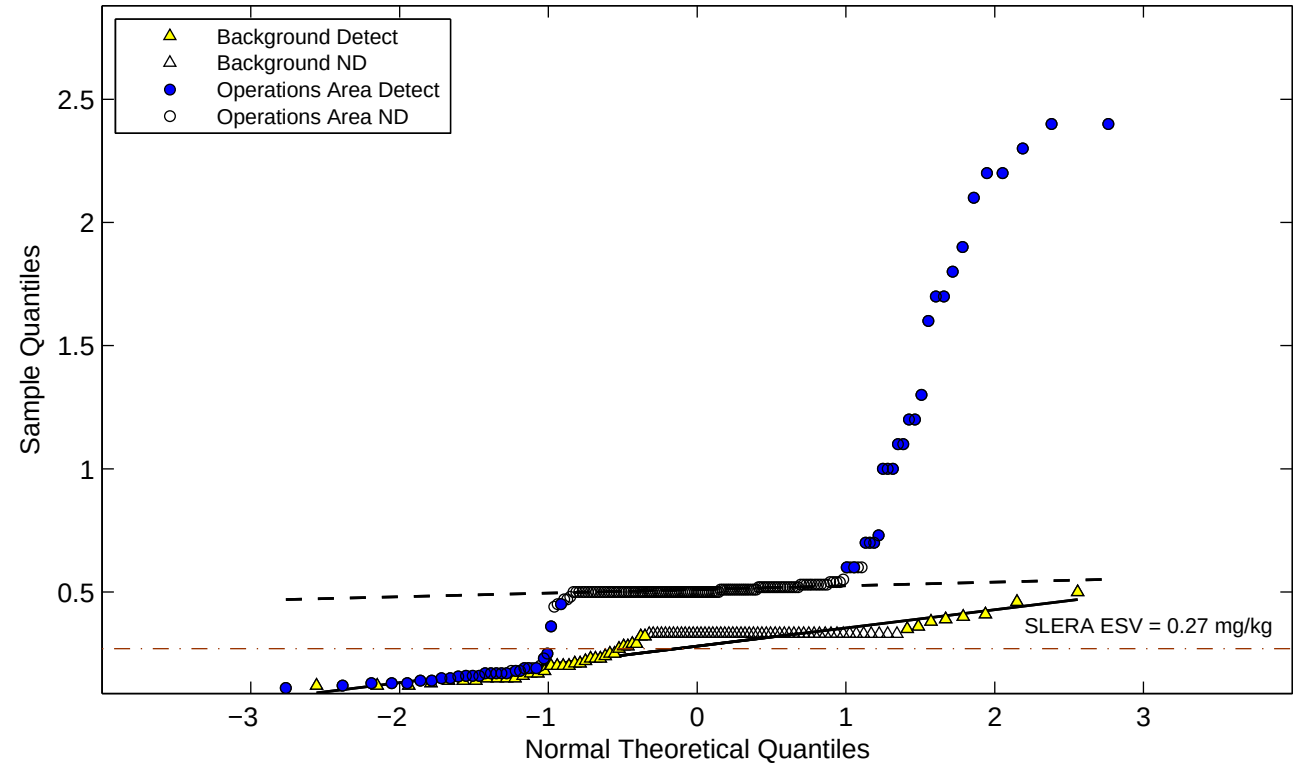


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Antimony



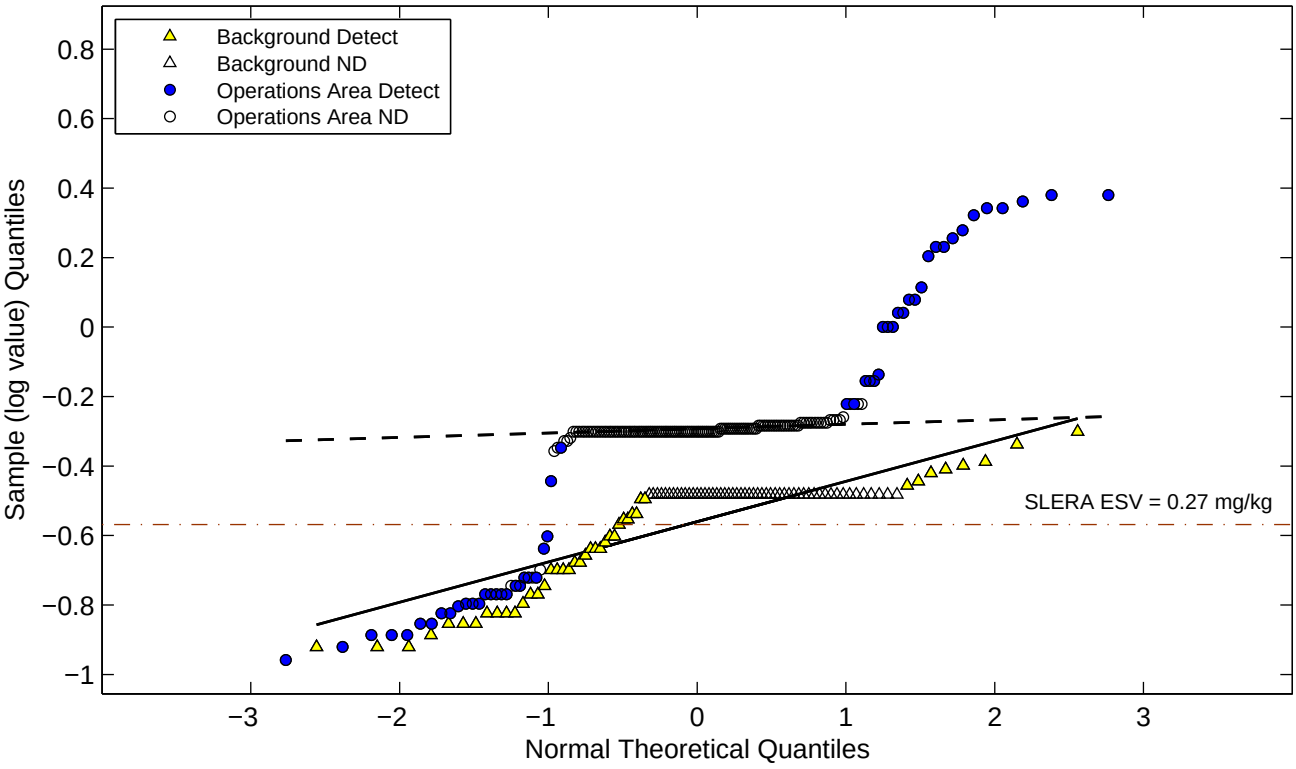
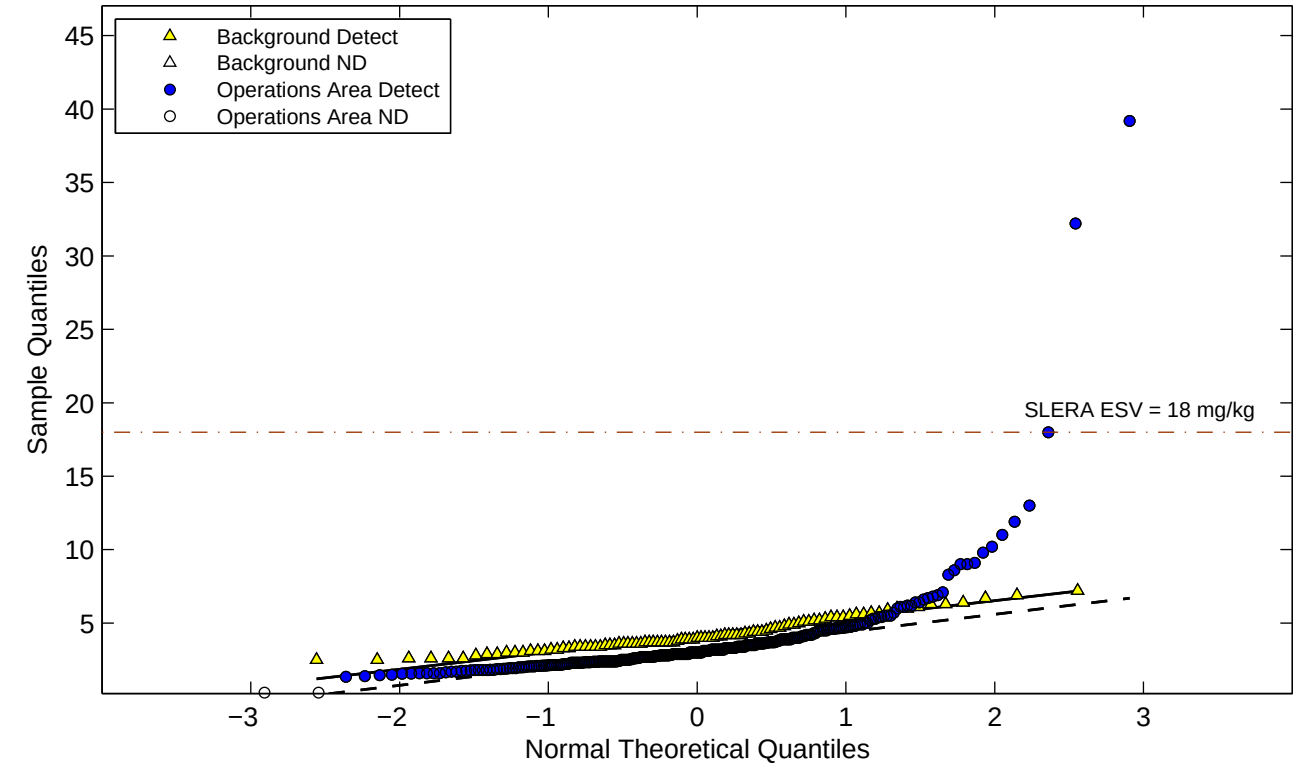


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Arsenic



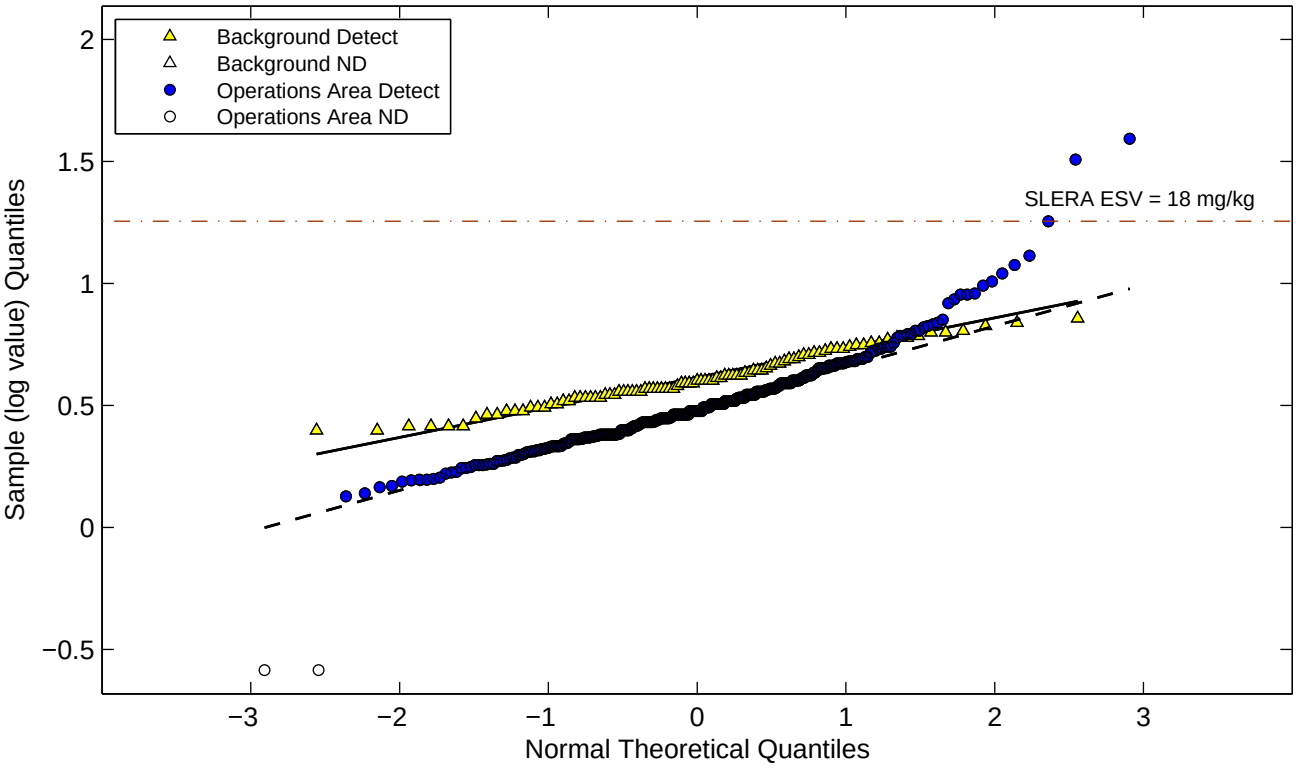
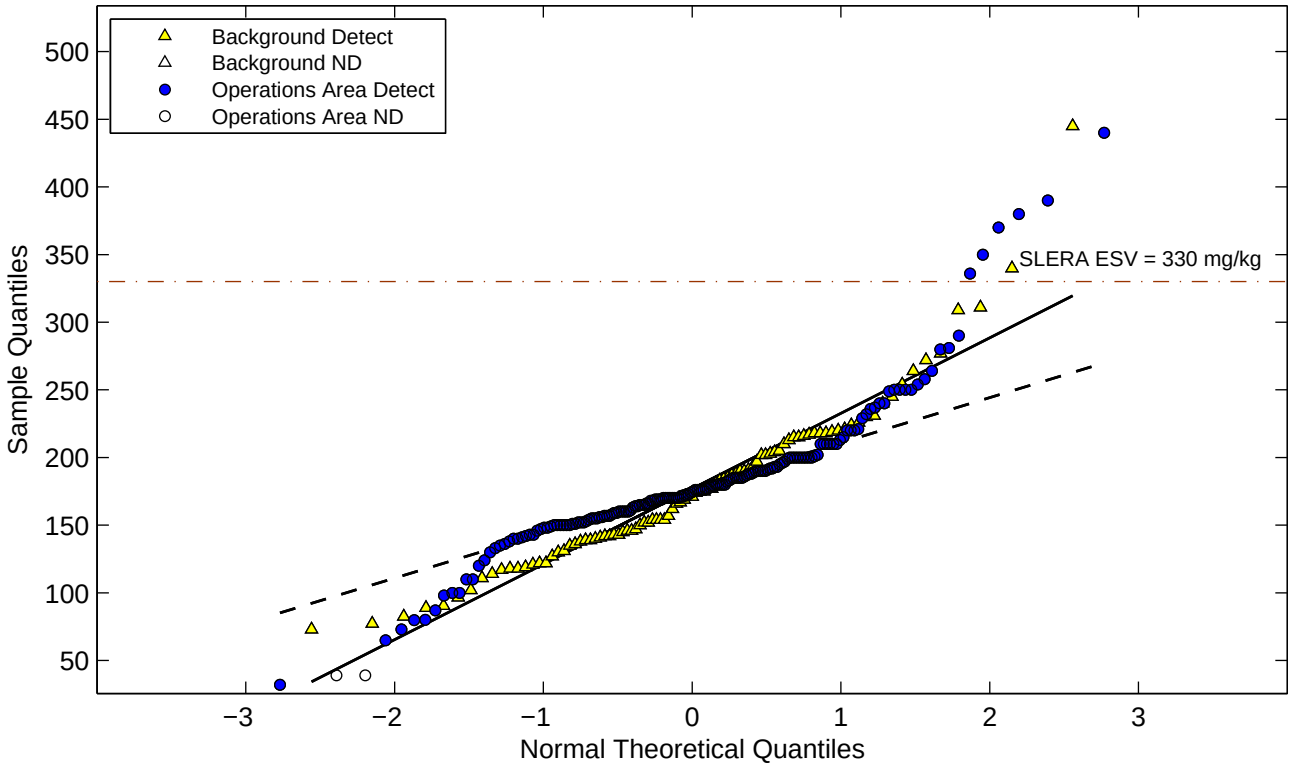


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Barium



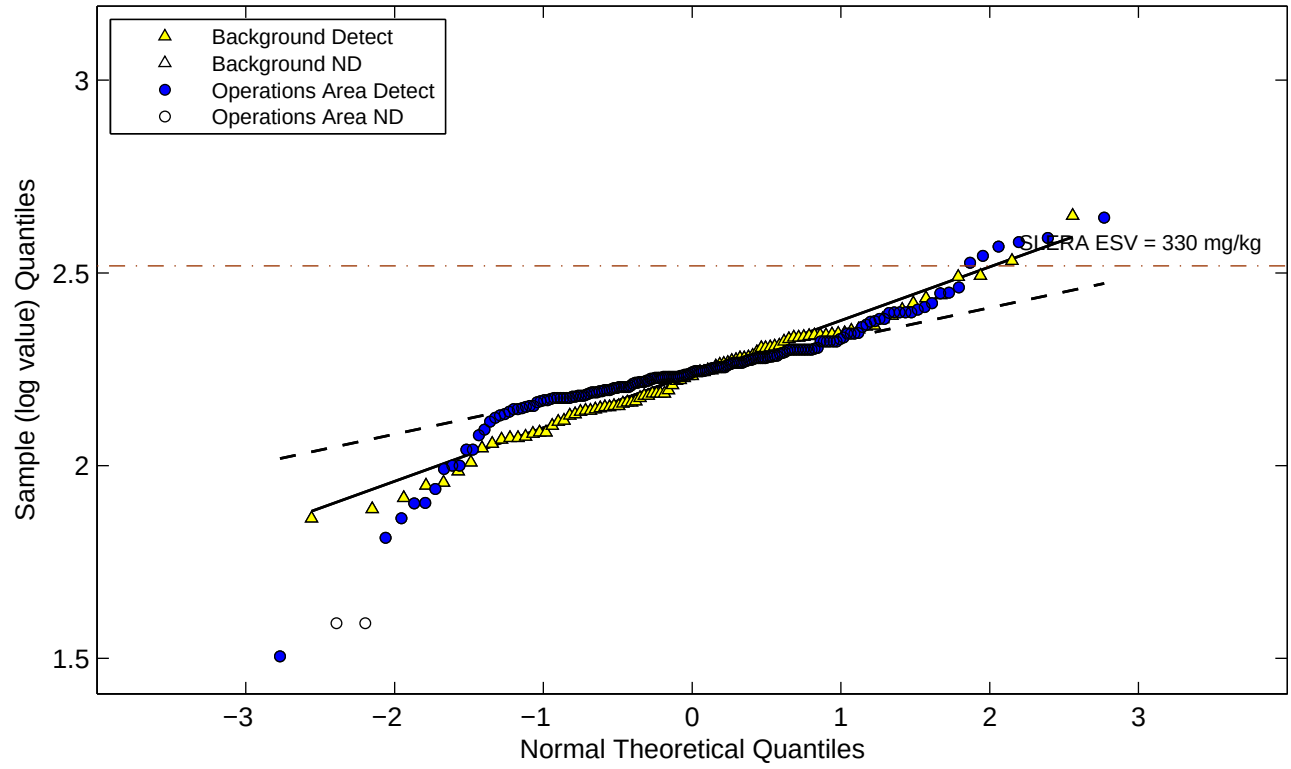
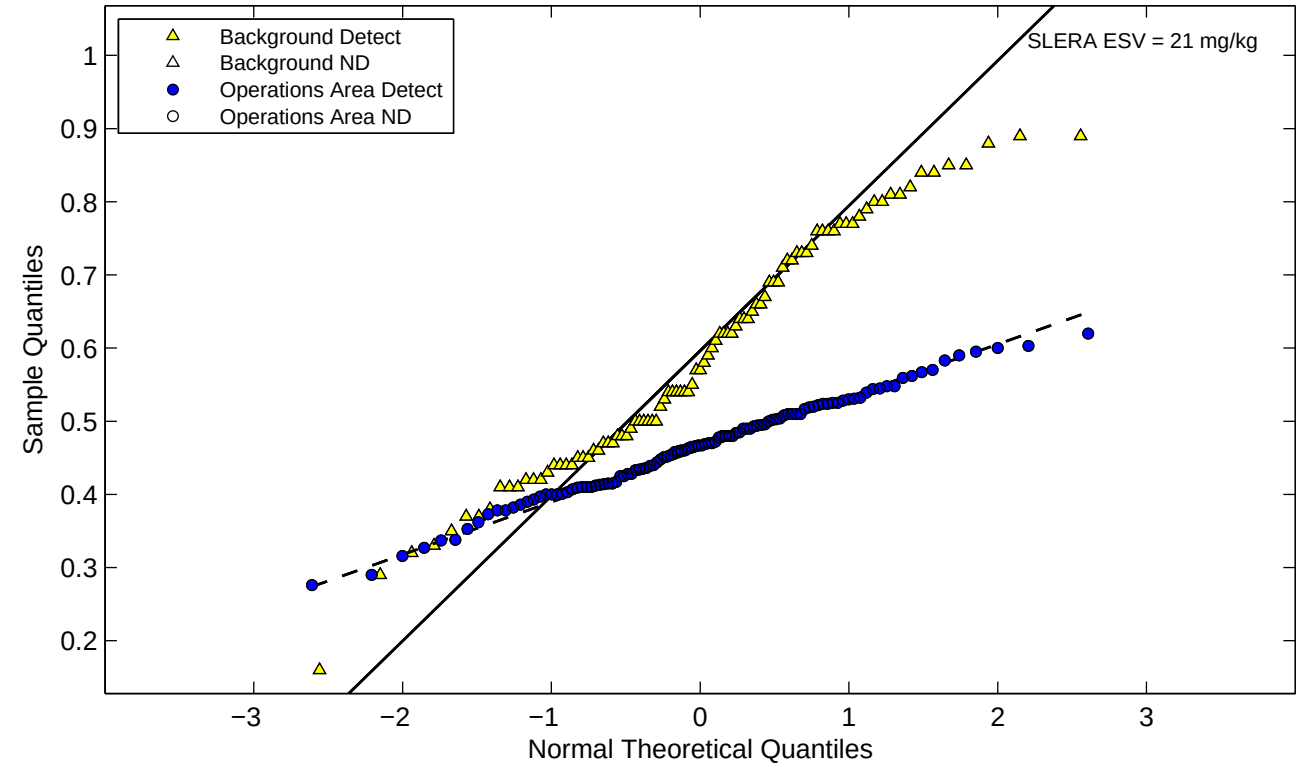


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Beryllium



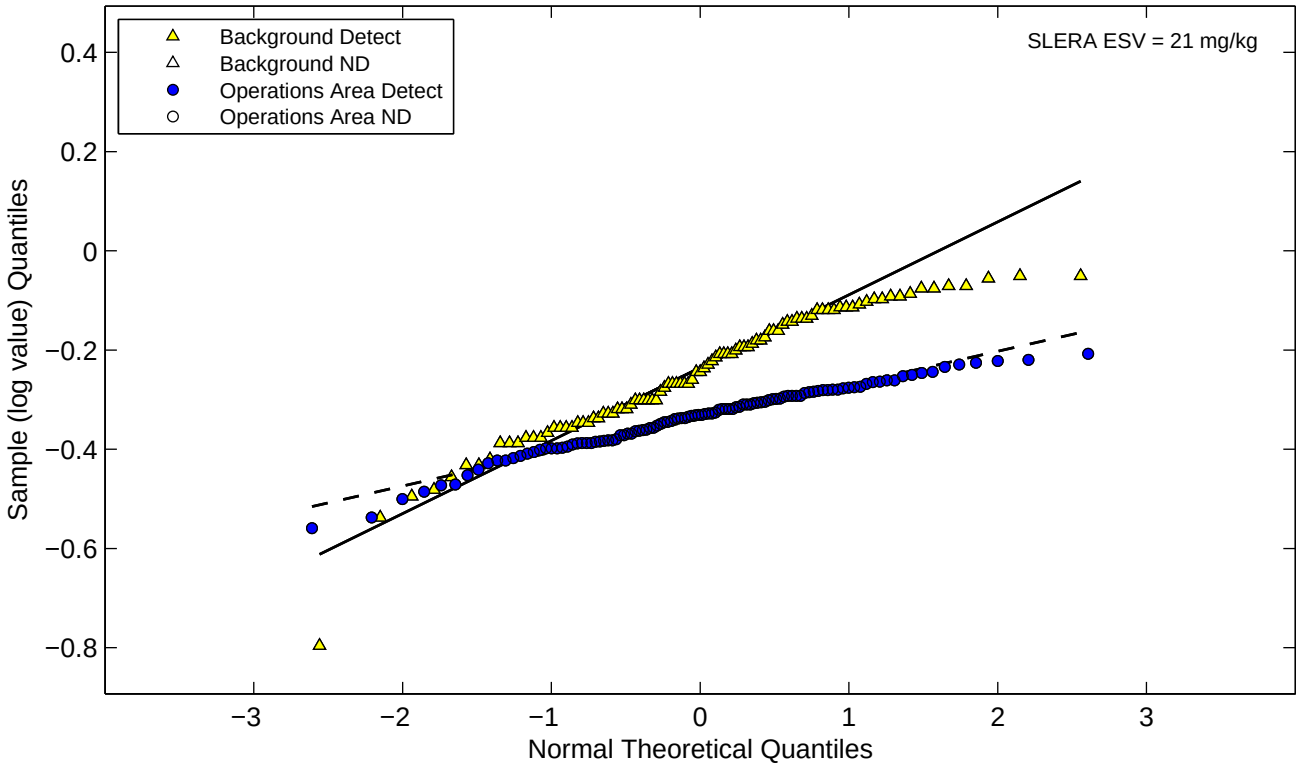
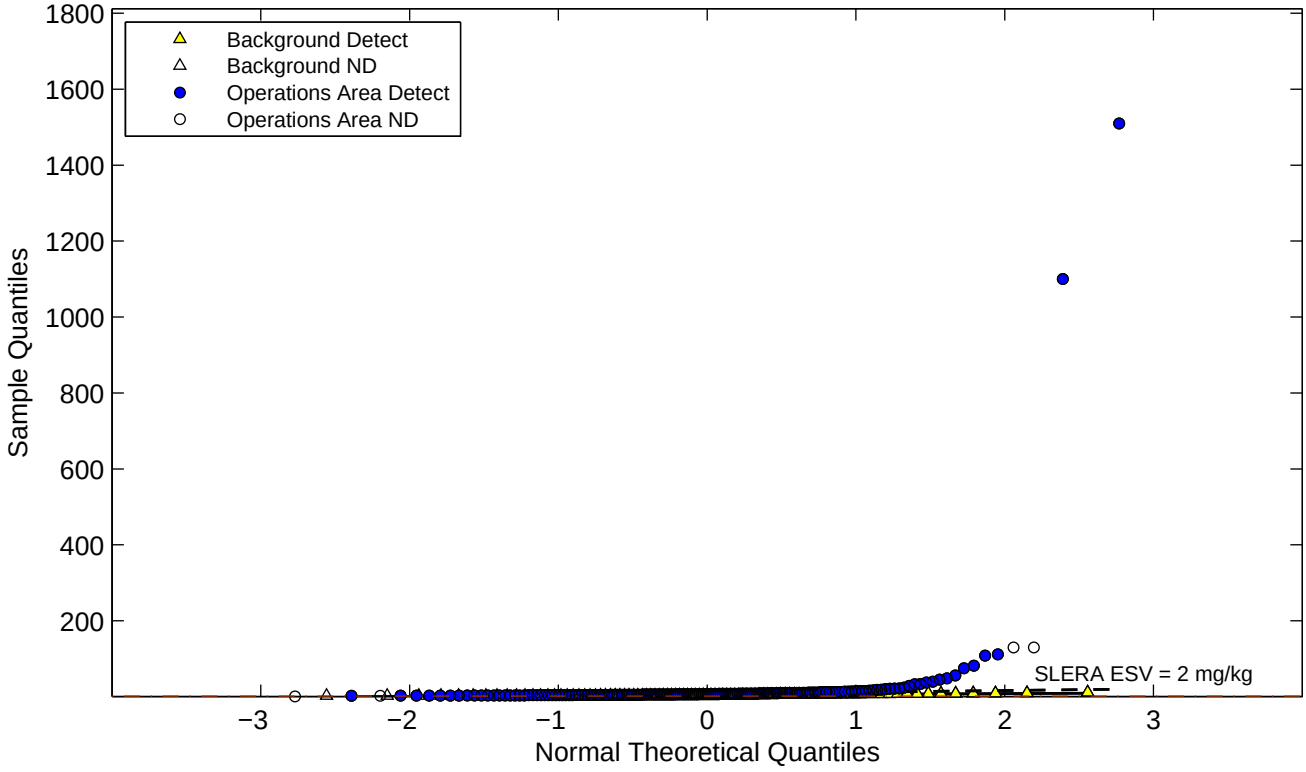


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Boron



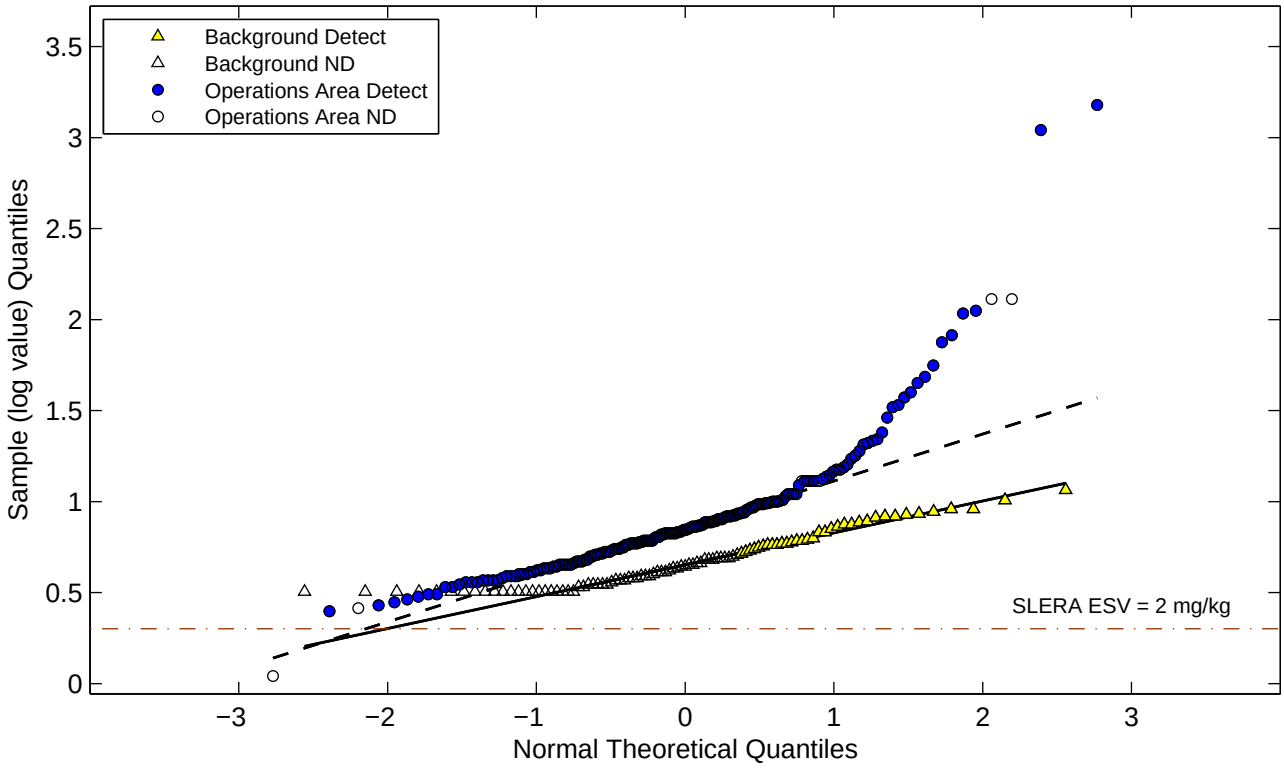
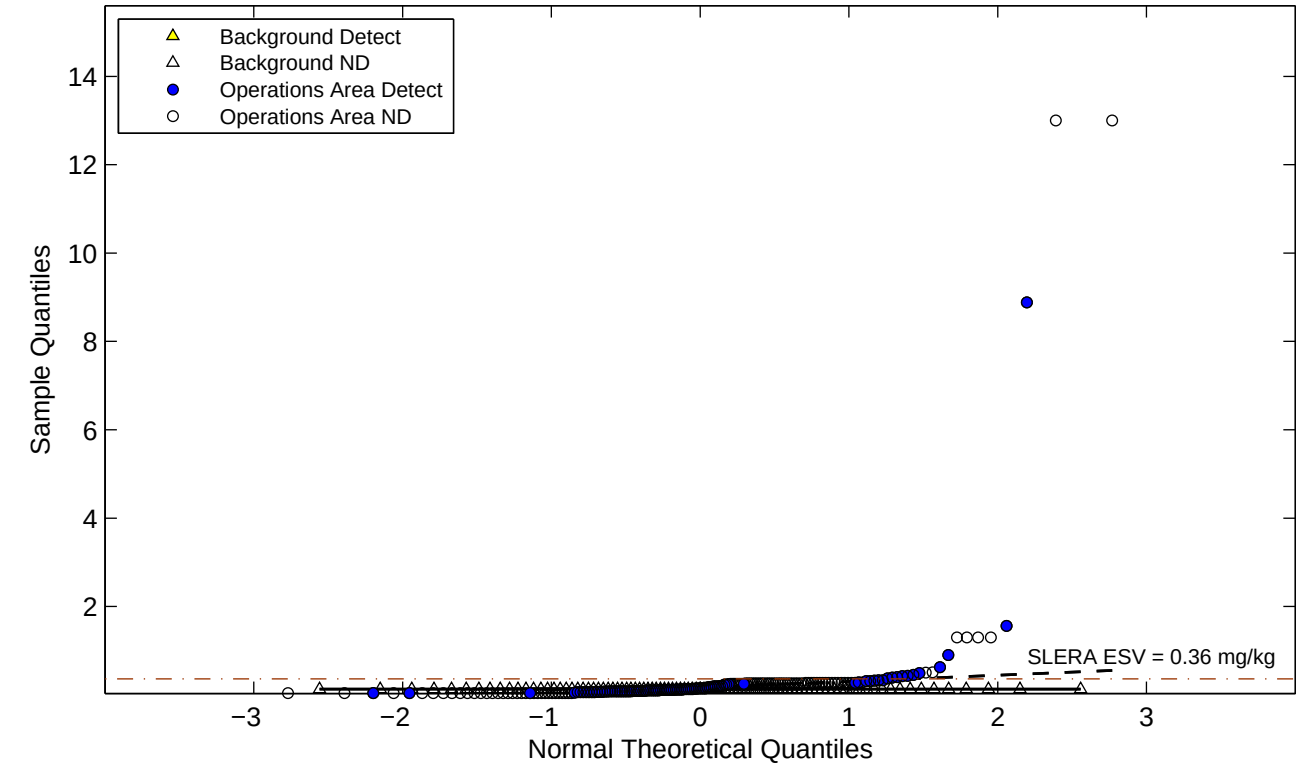


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Cadmium



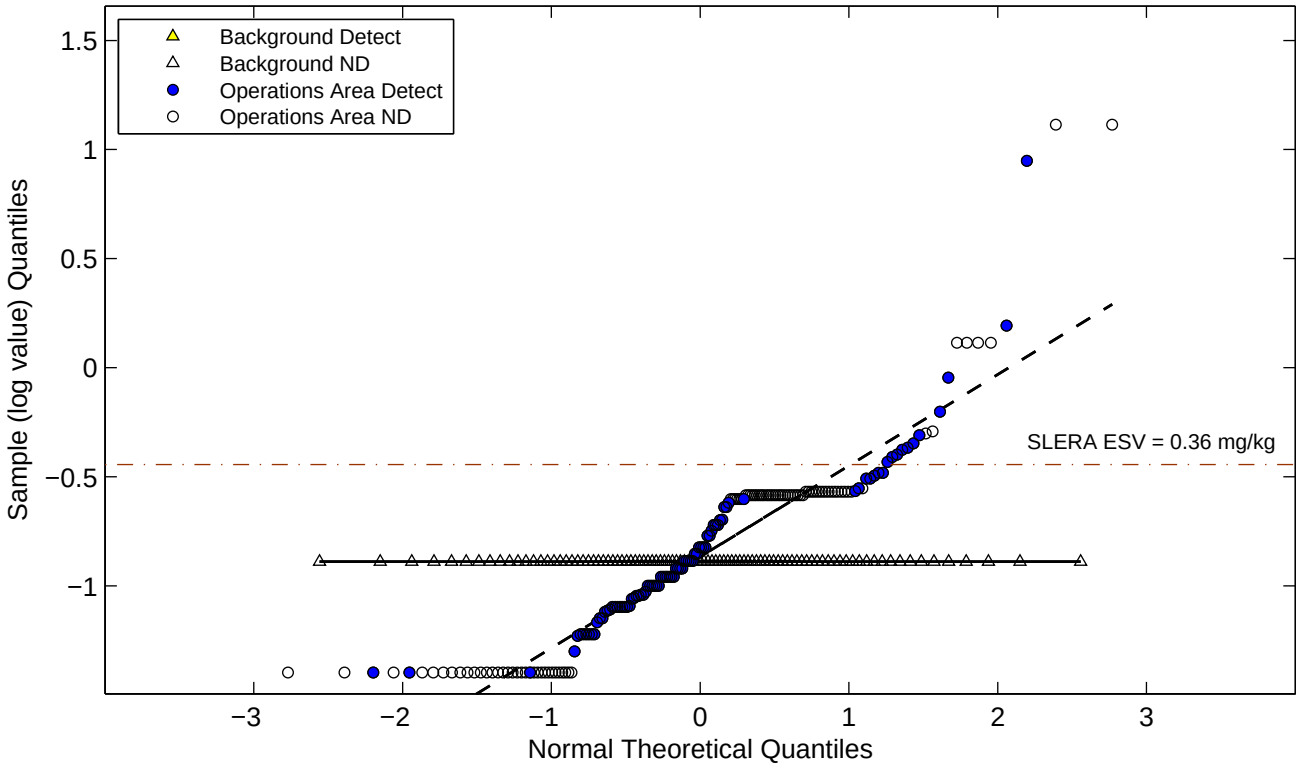
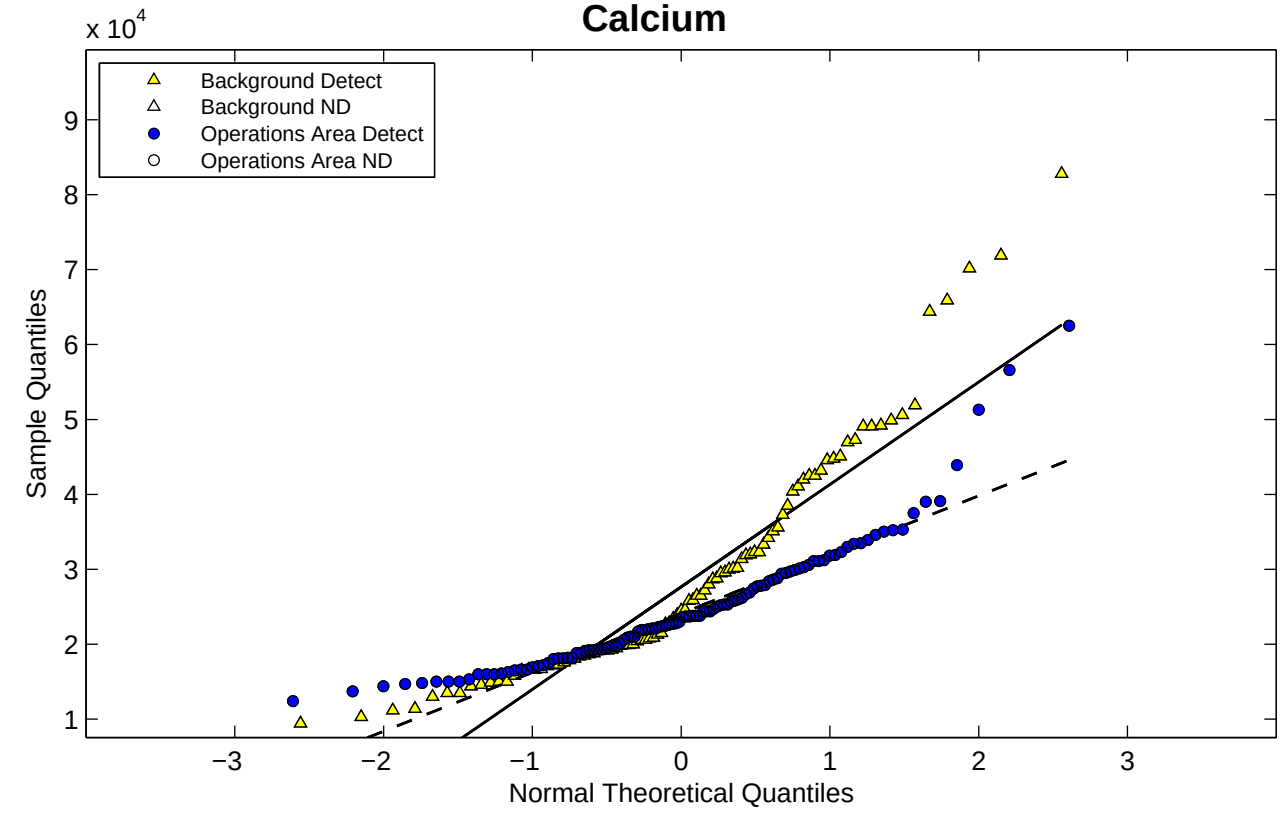


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)

Calcium



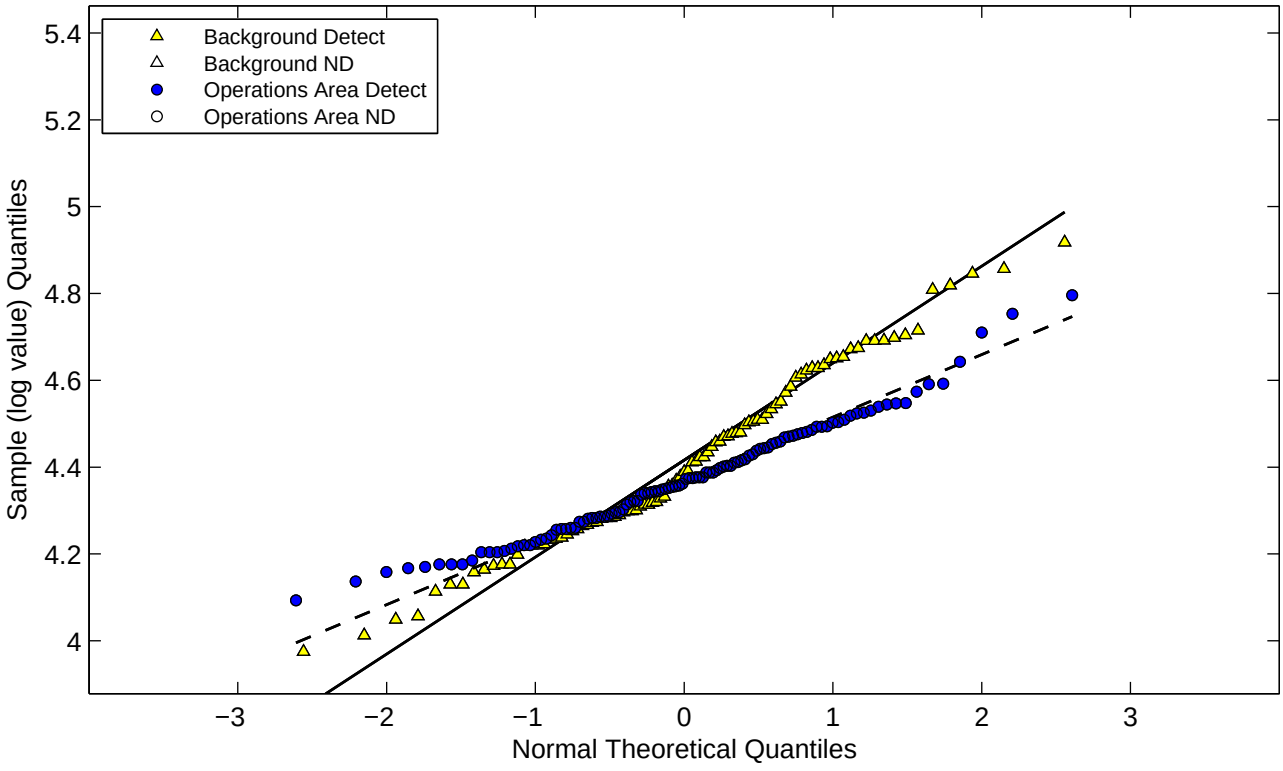
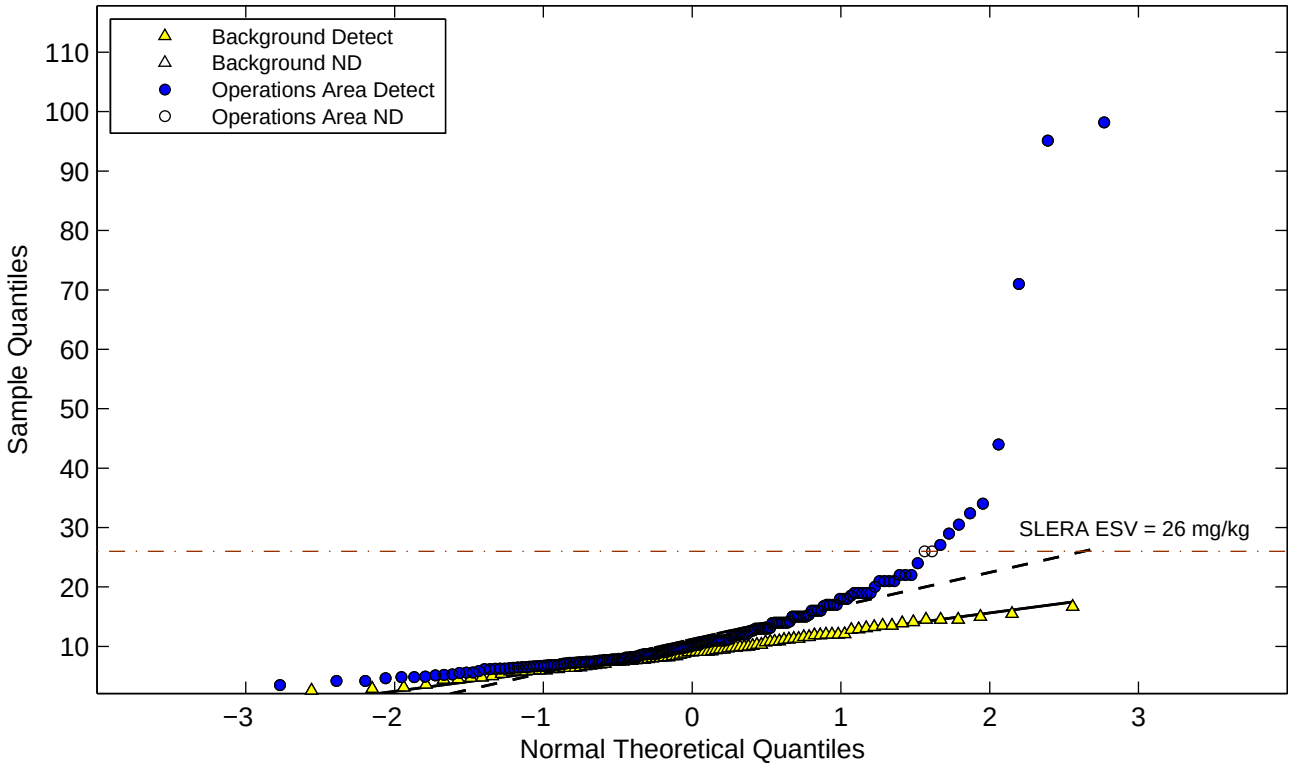


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area) Chromium (total)



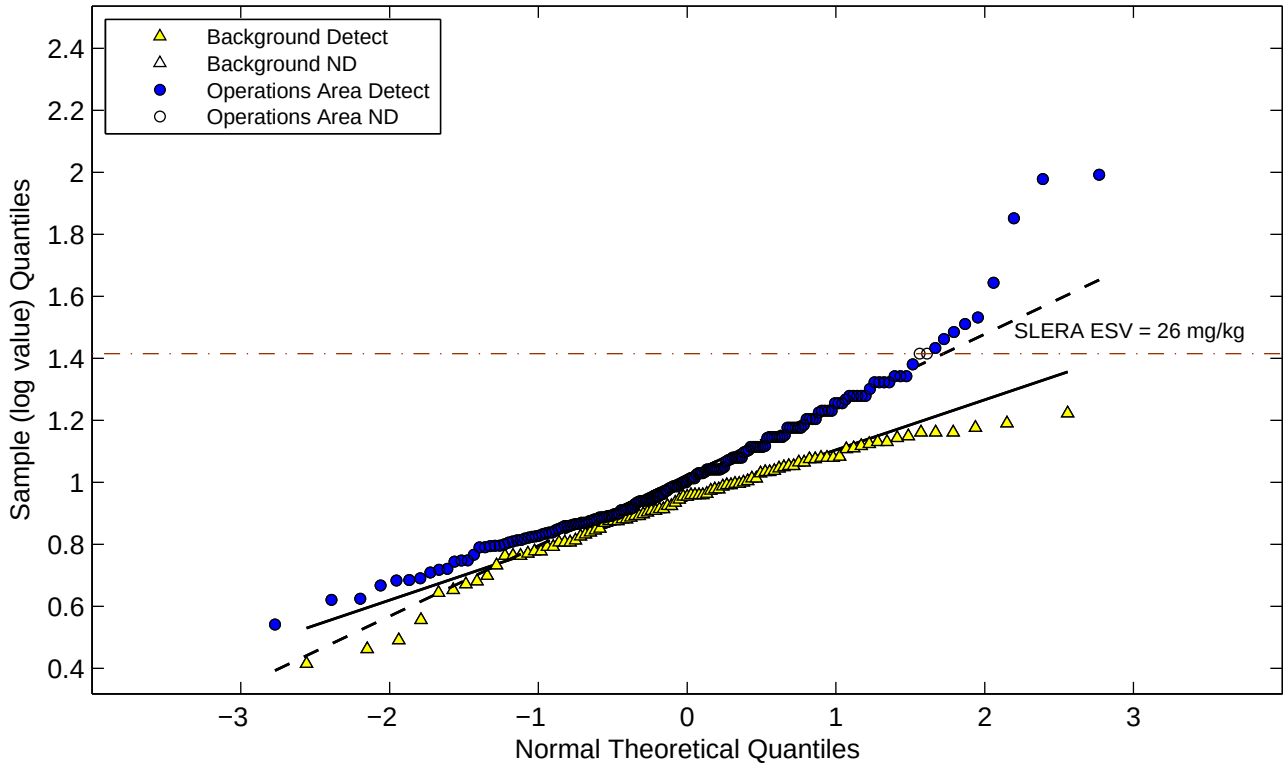
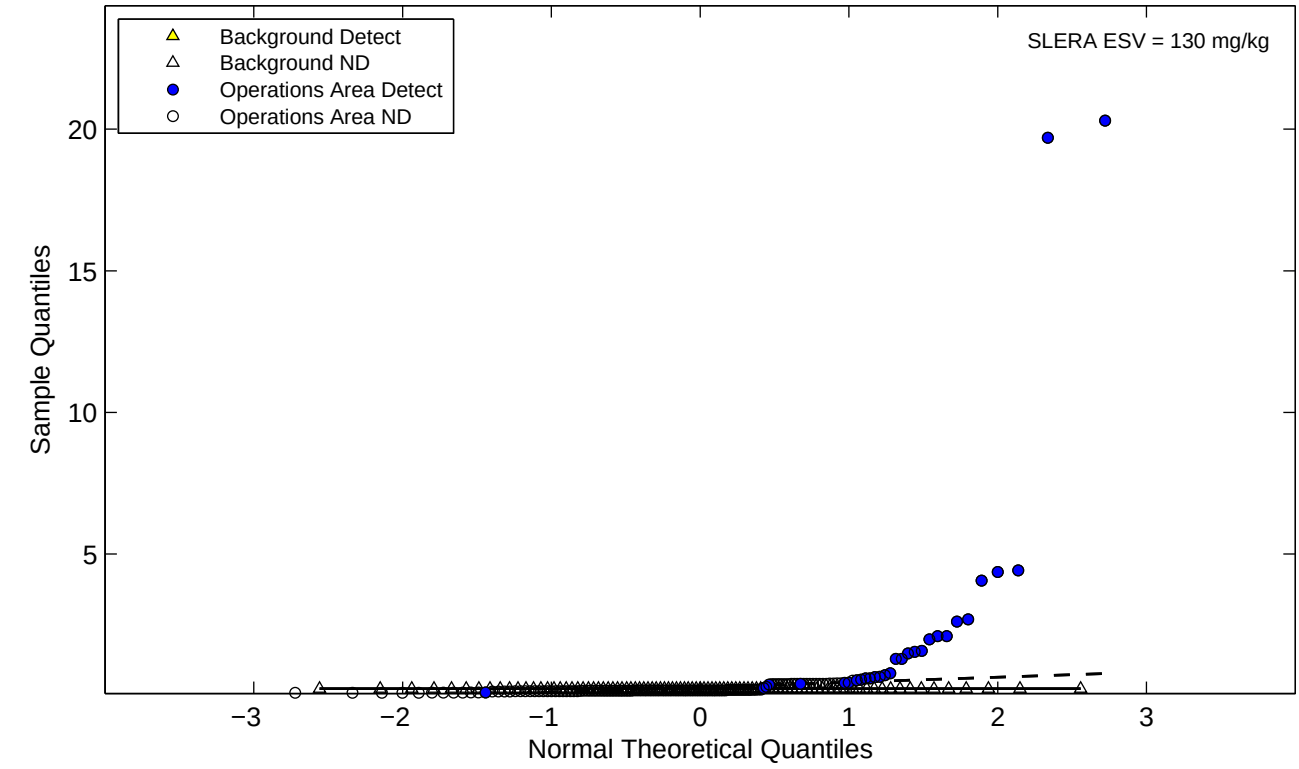


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area) Chromium VI



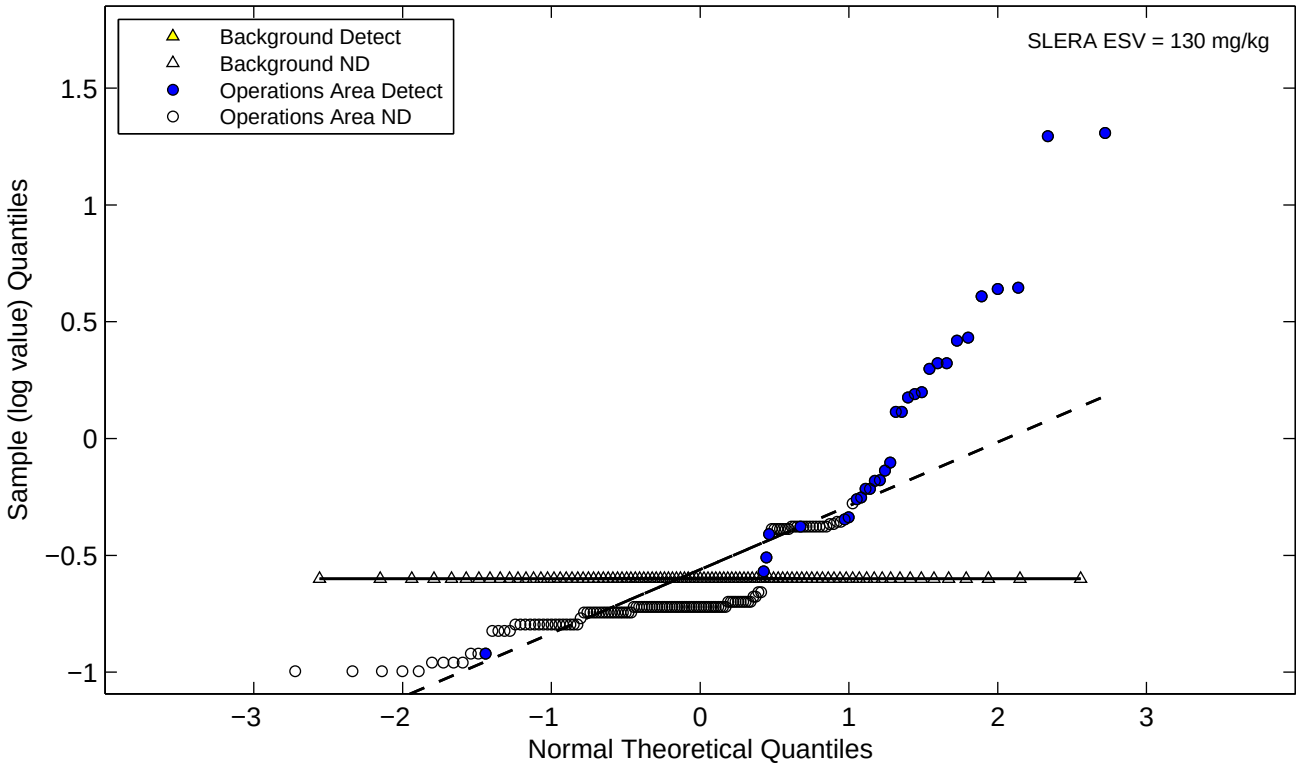
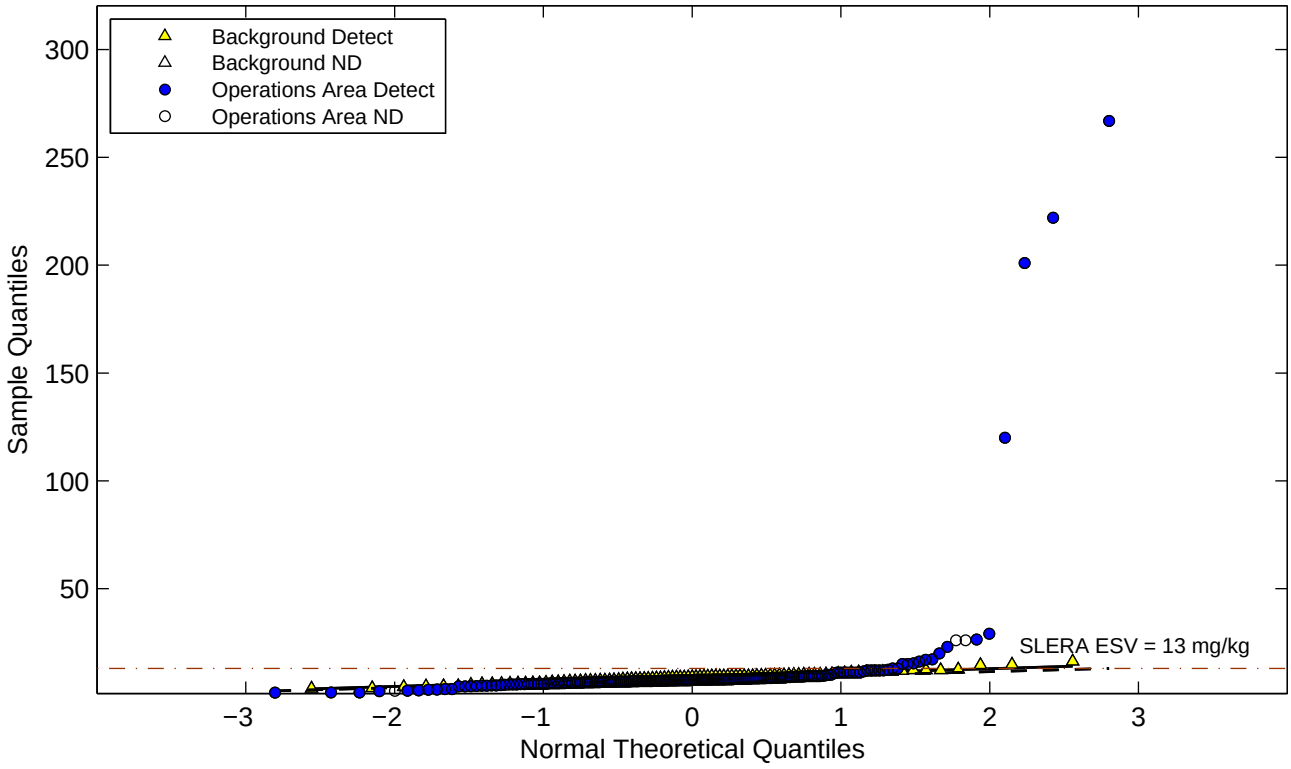


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Cobalt



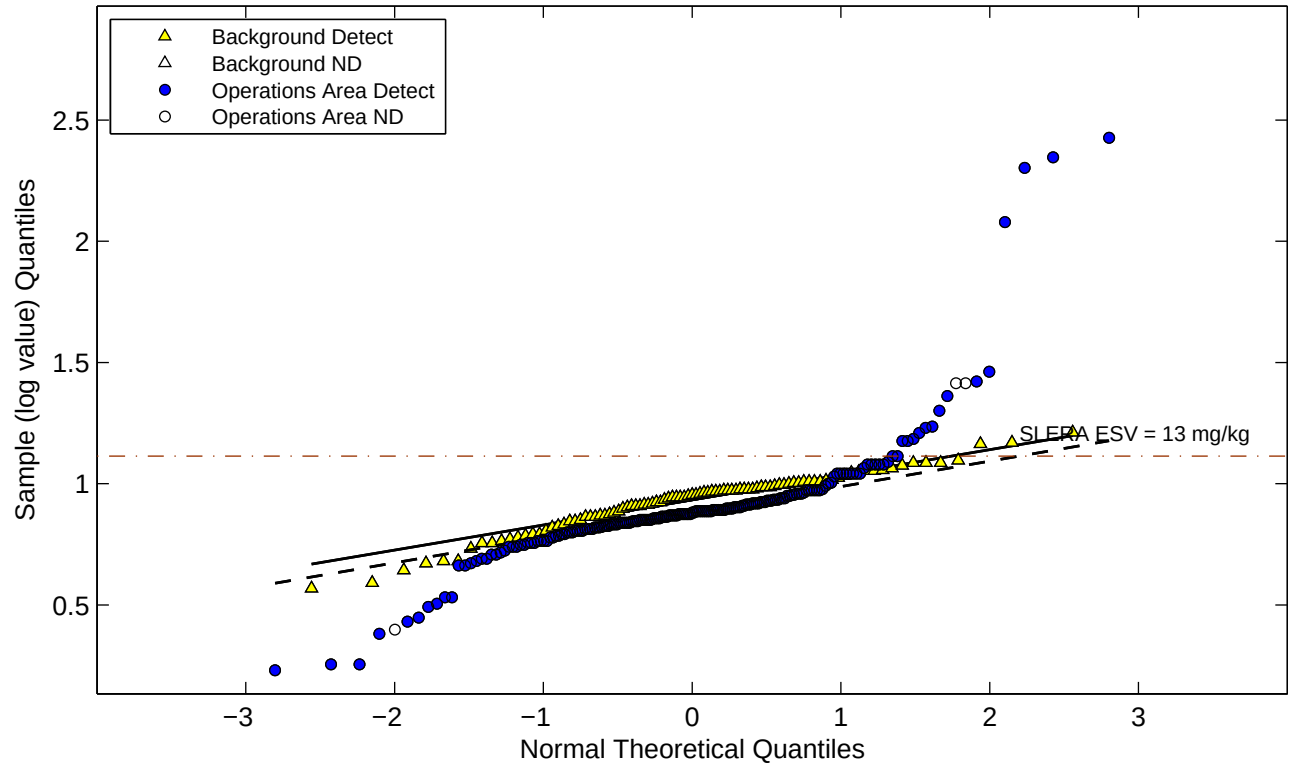
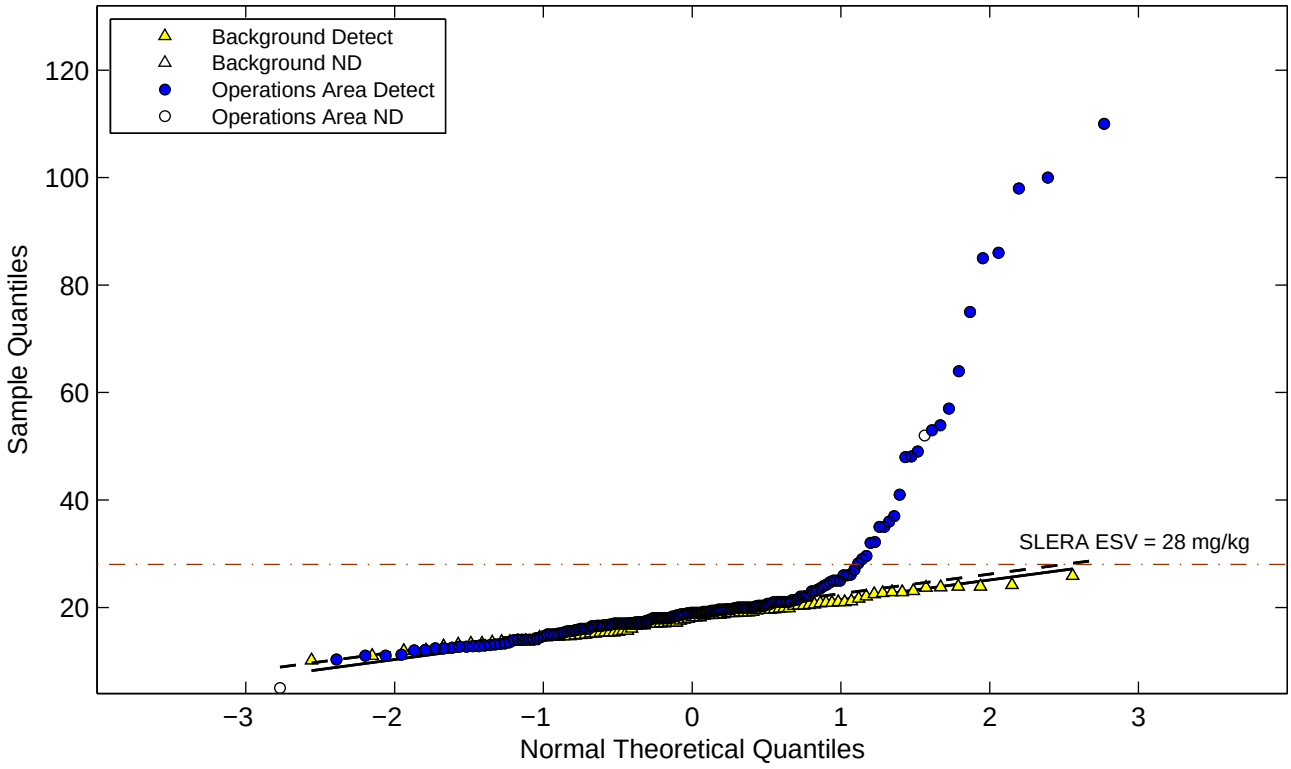


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Copper



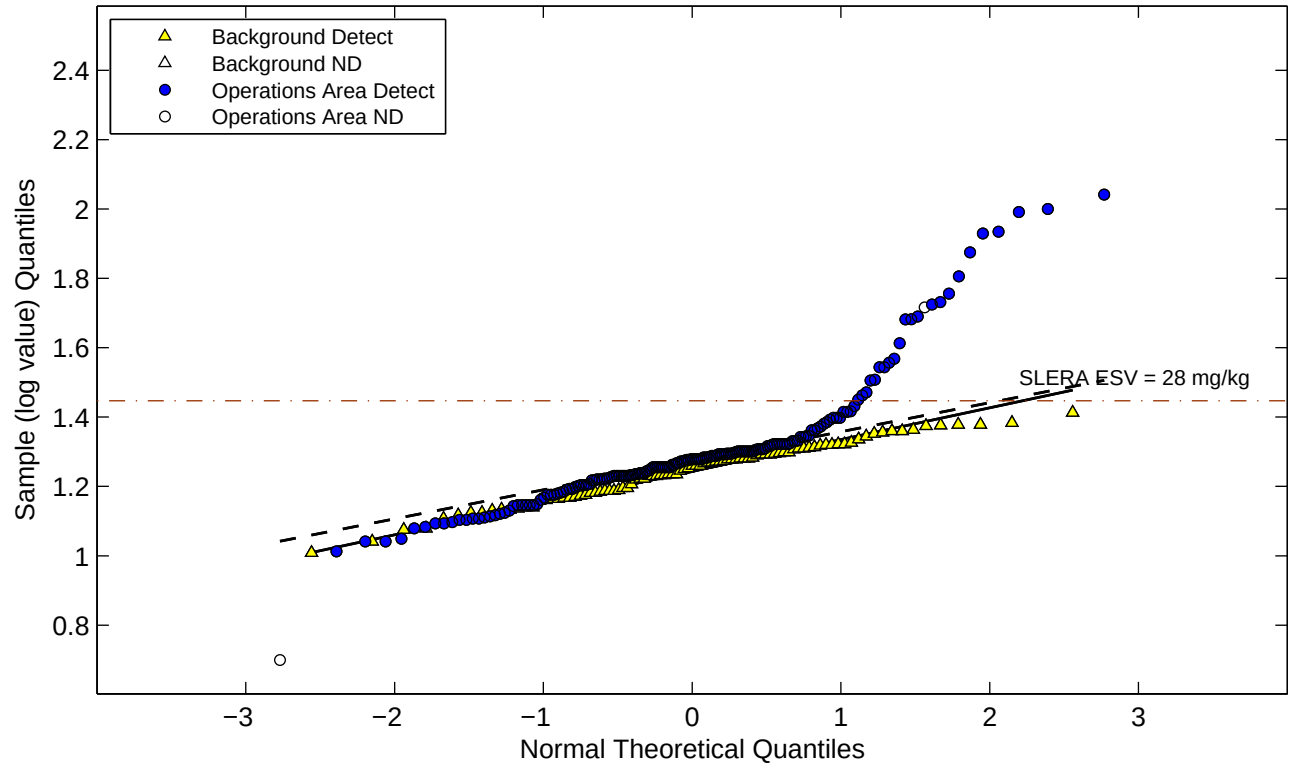
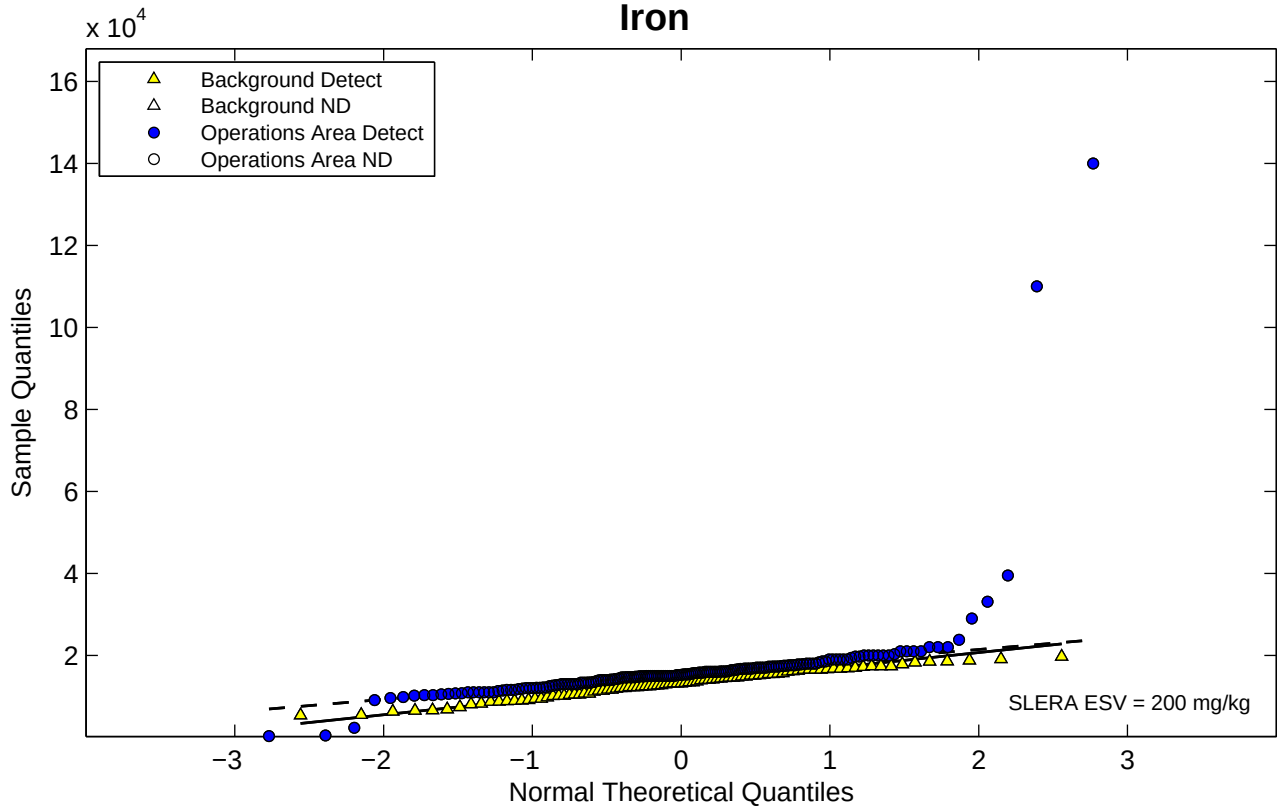


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)

Iron



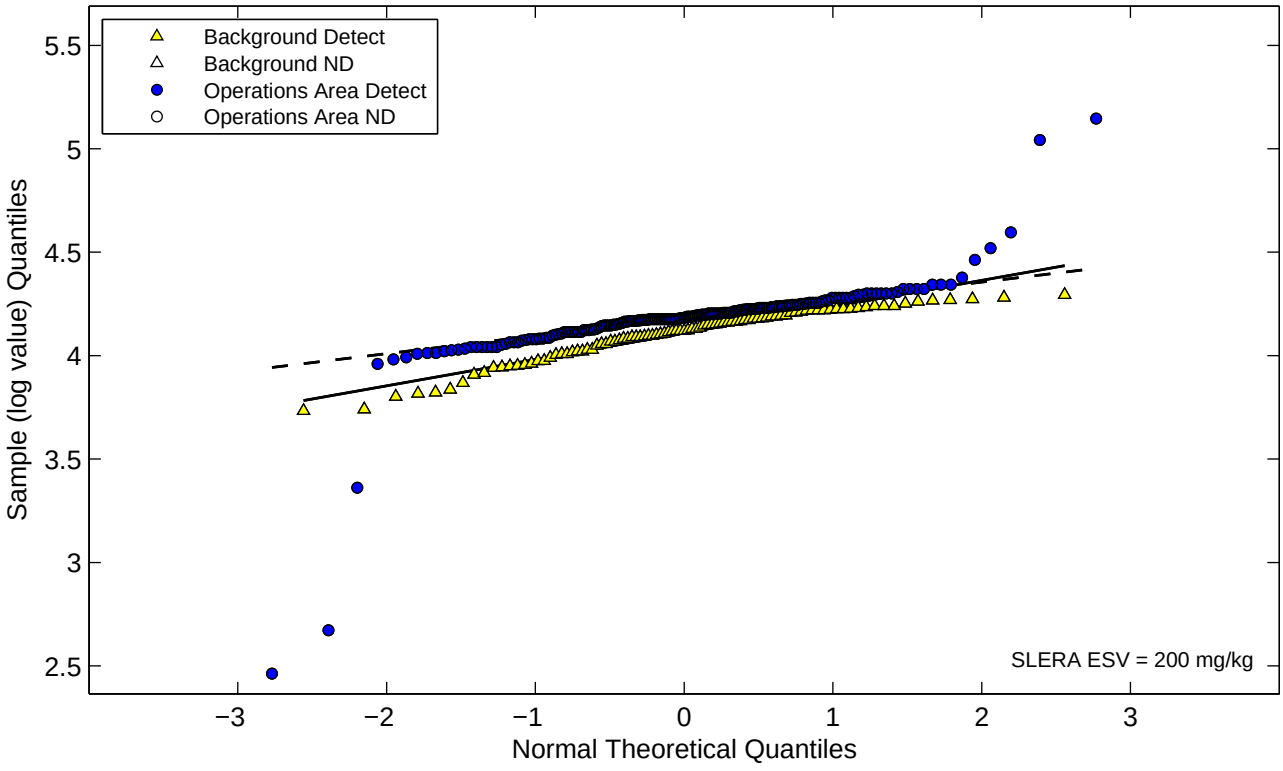
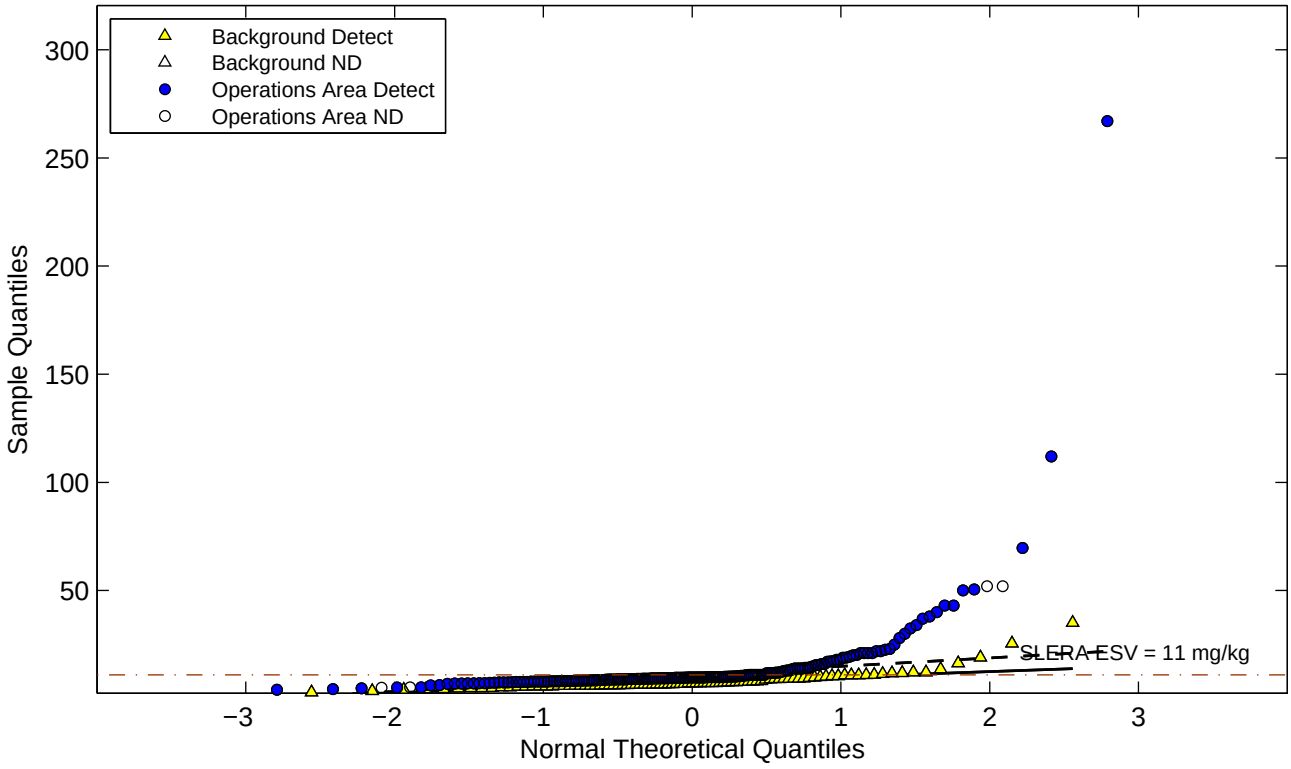


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Lead



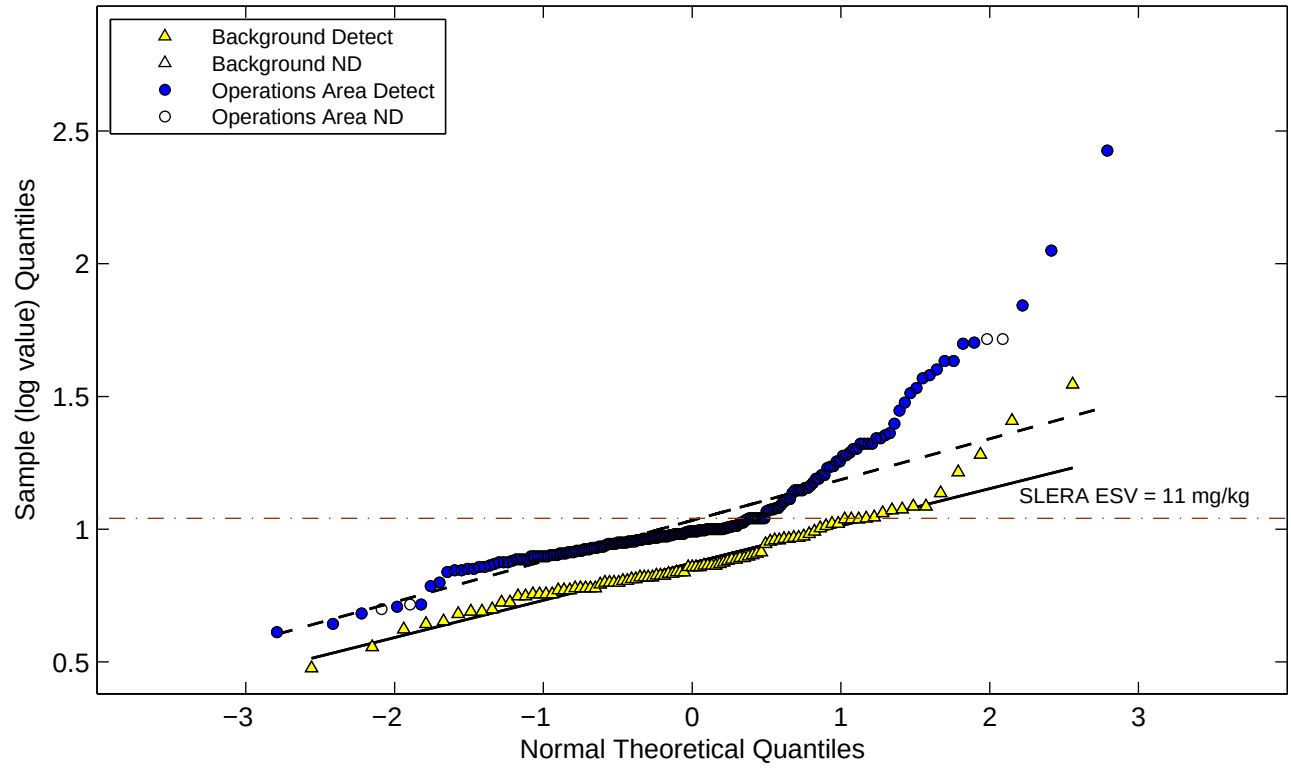
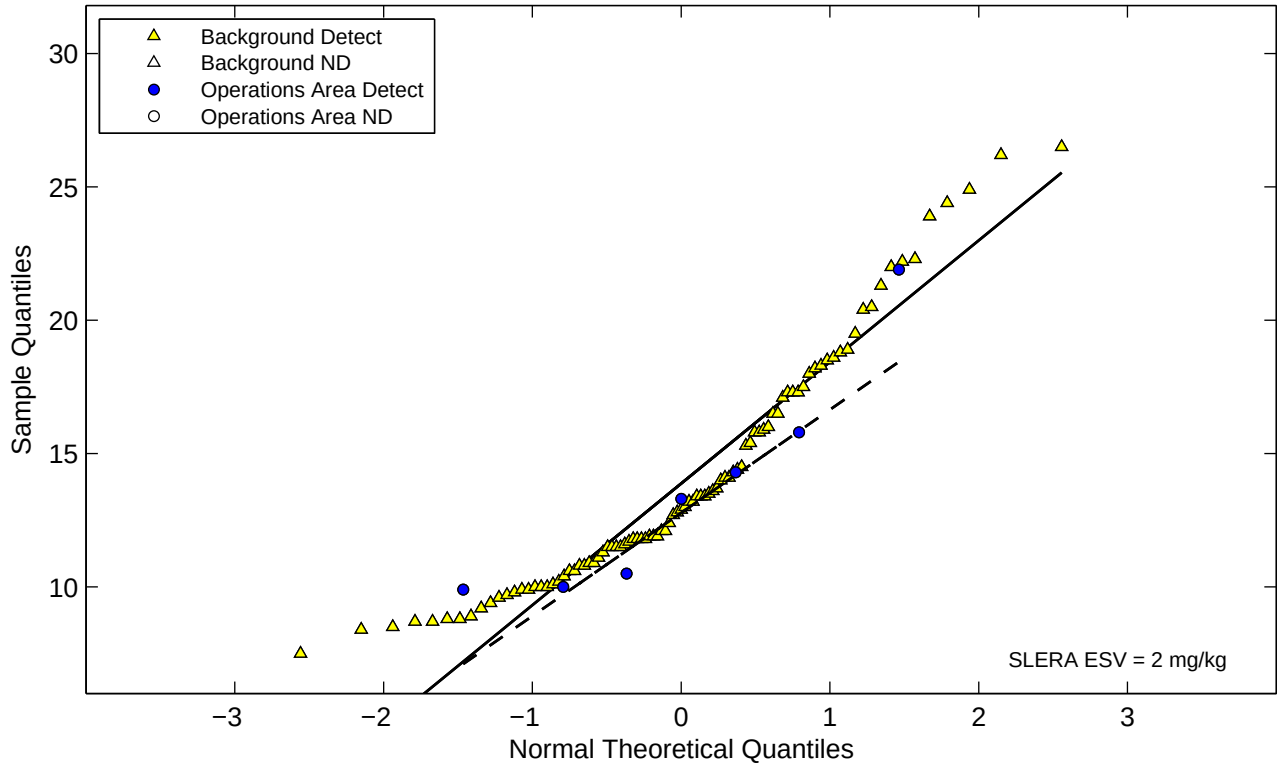


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Lithium



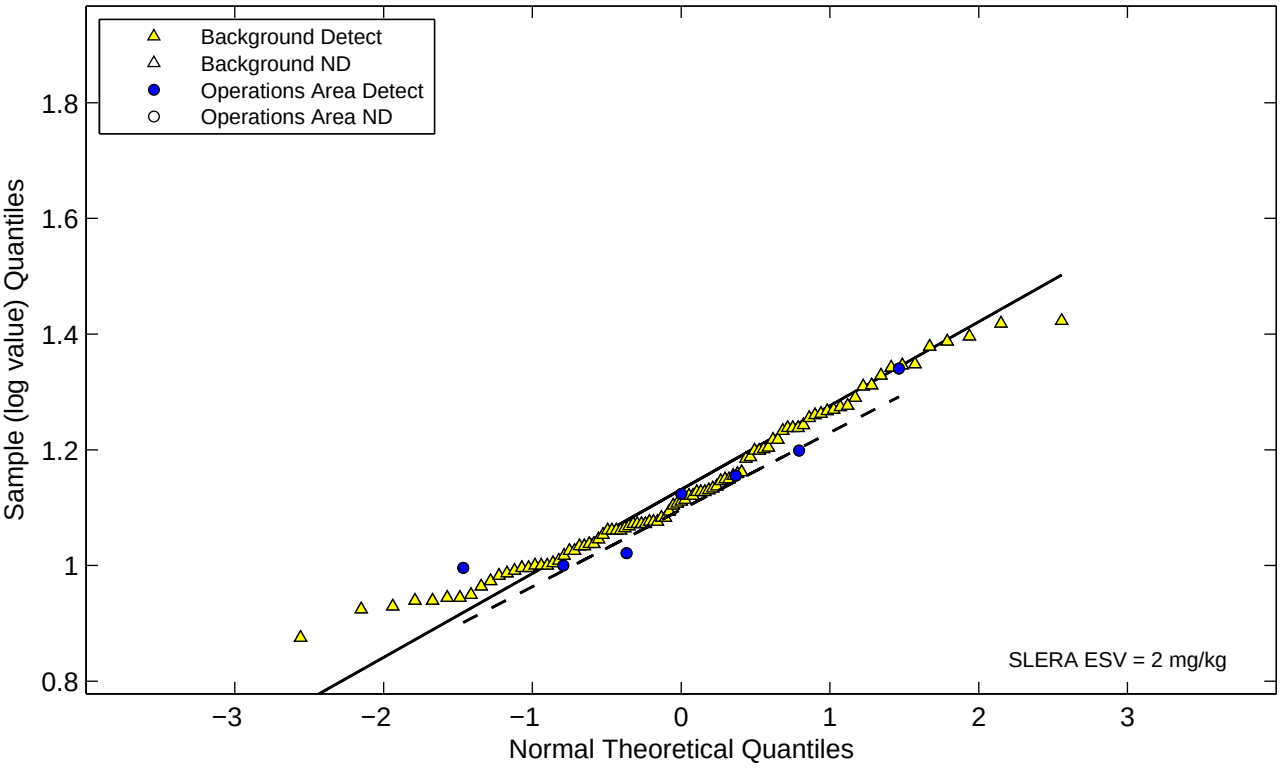
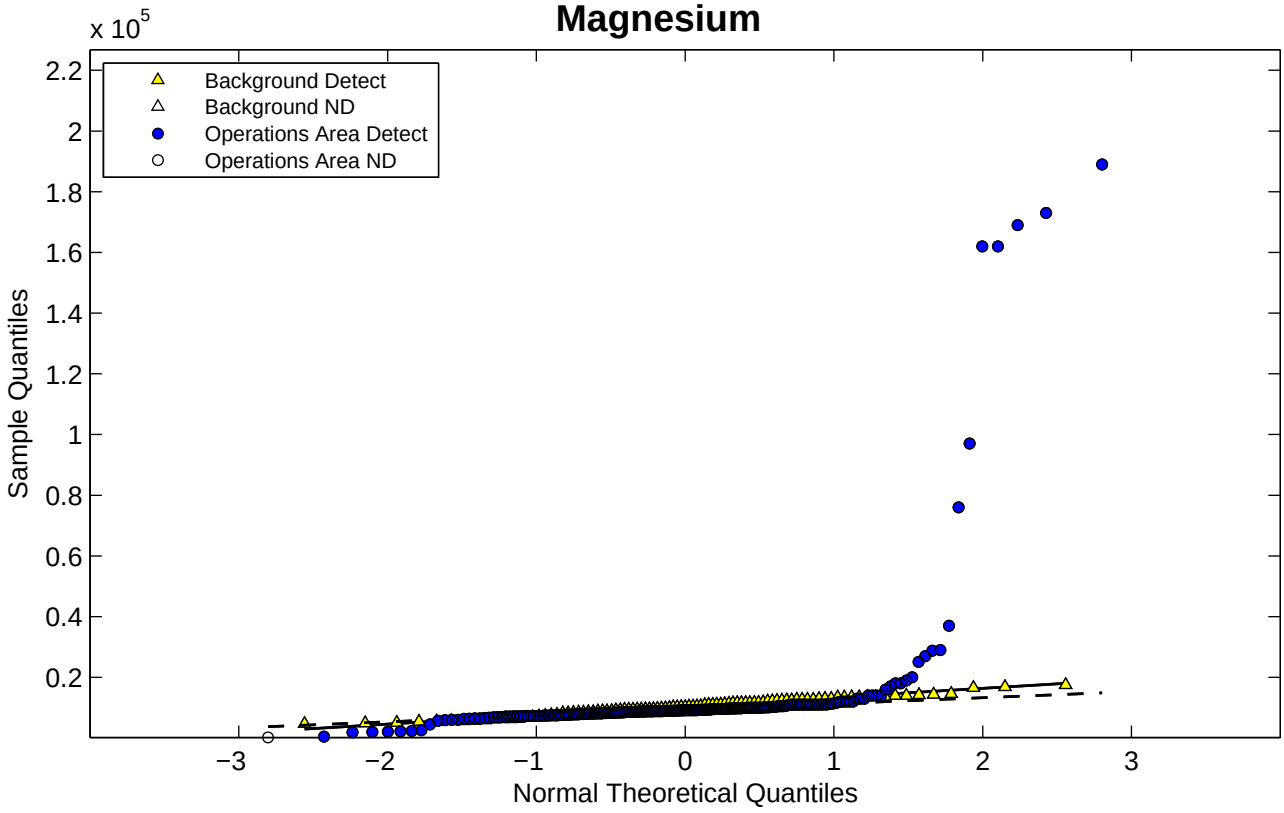


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)

Magnesium



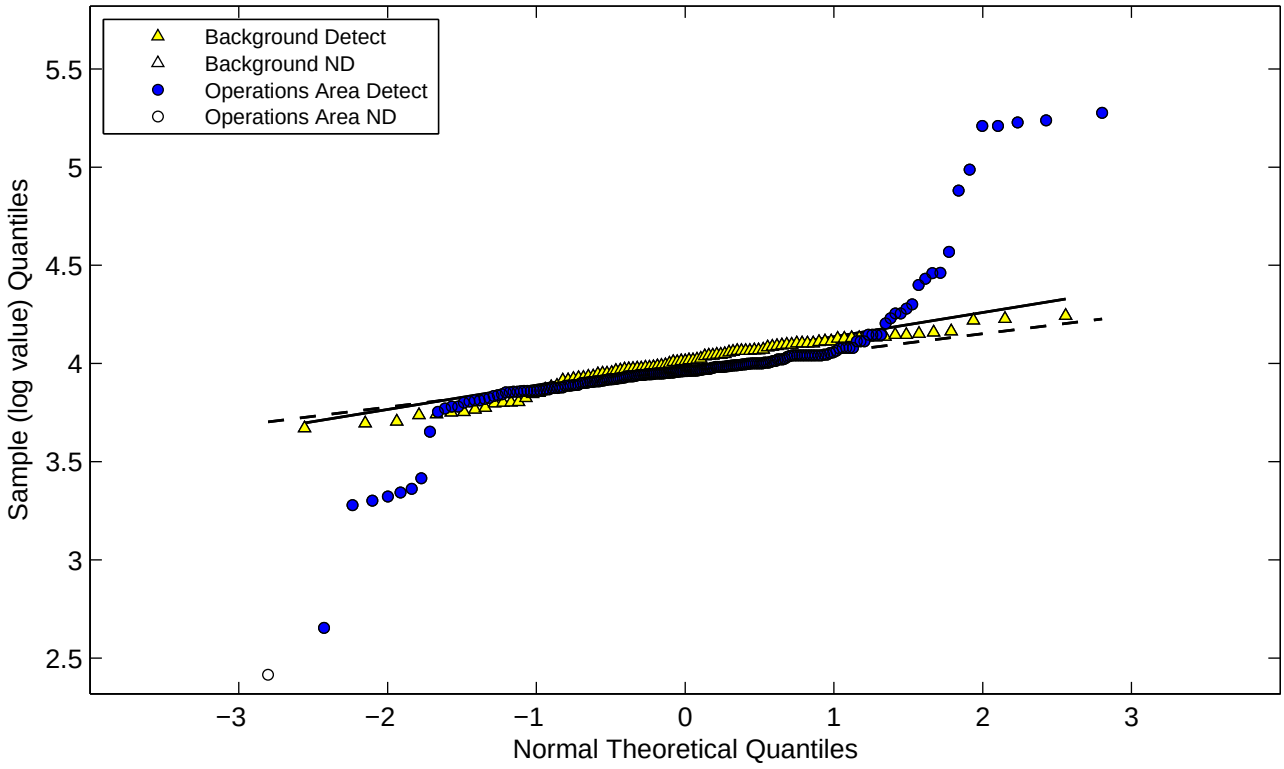
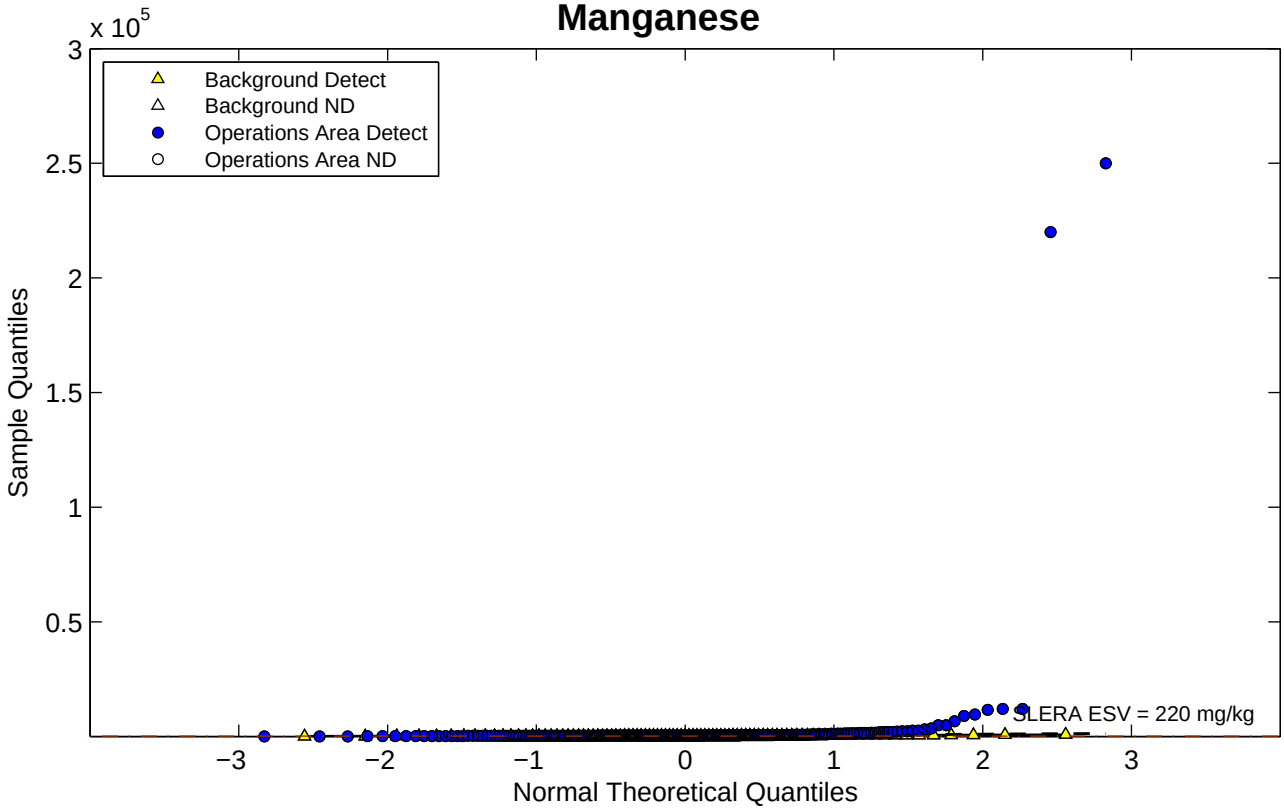


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)

Manganese



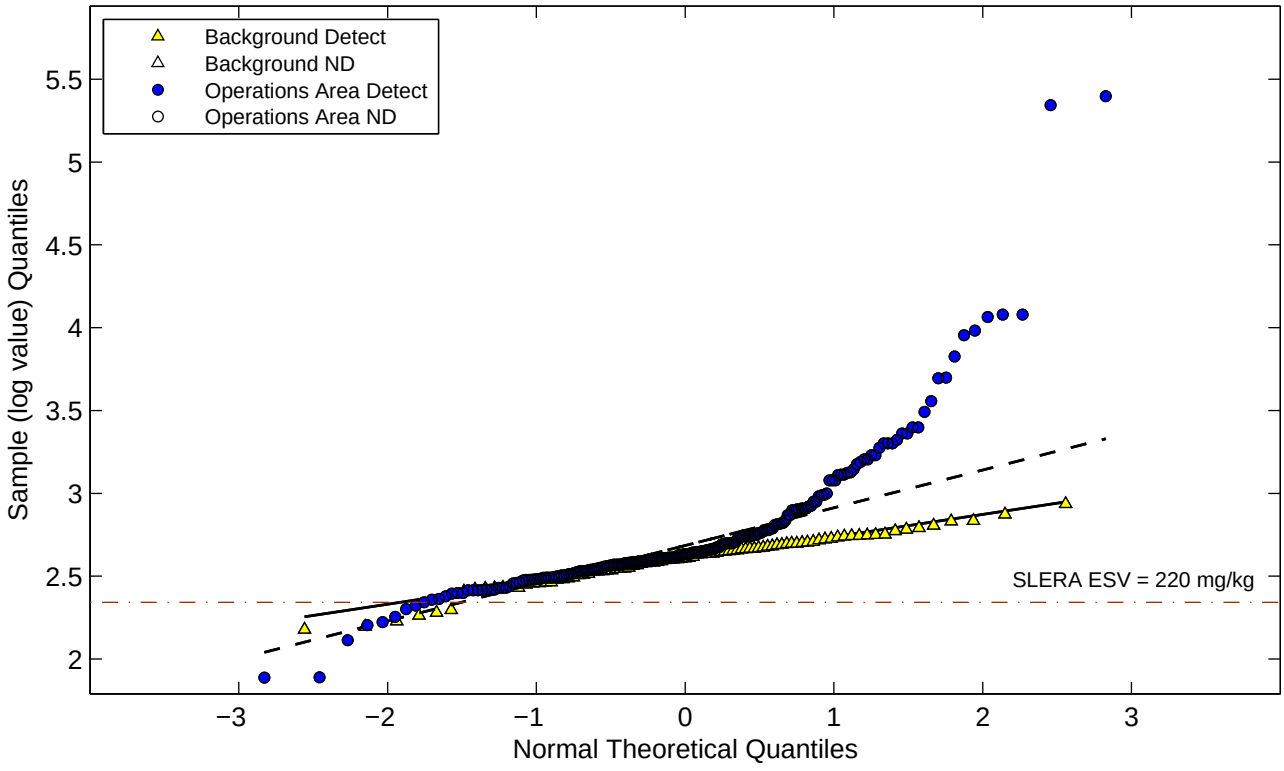
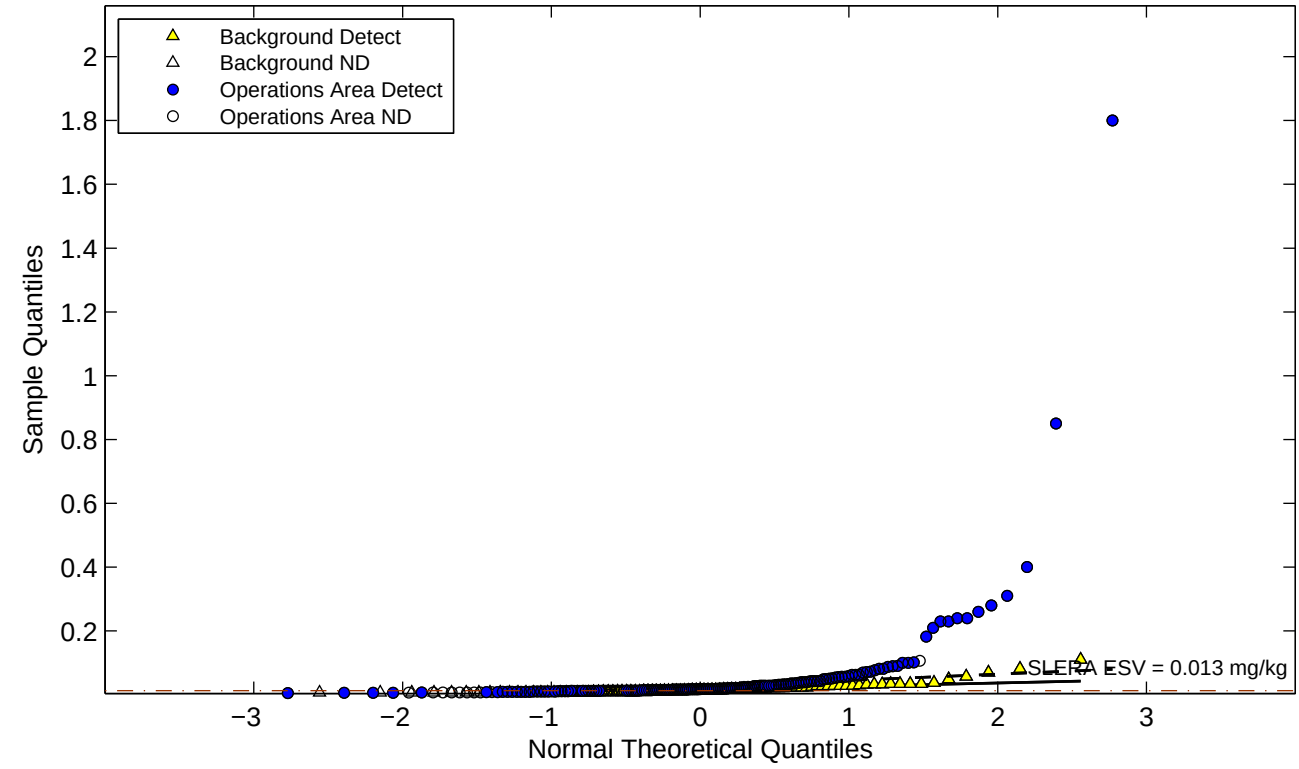


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Mercury



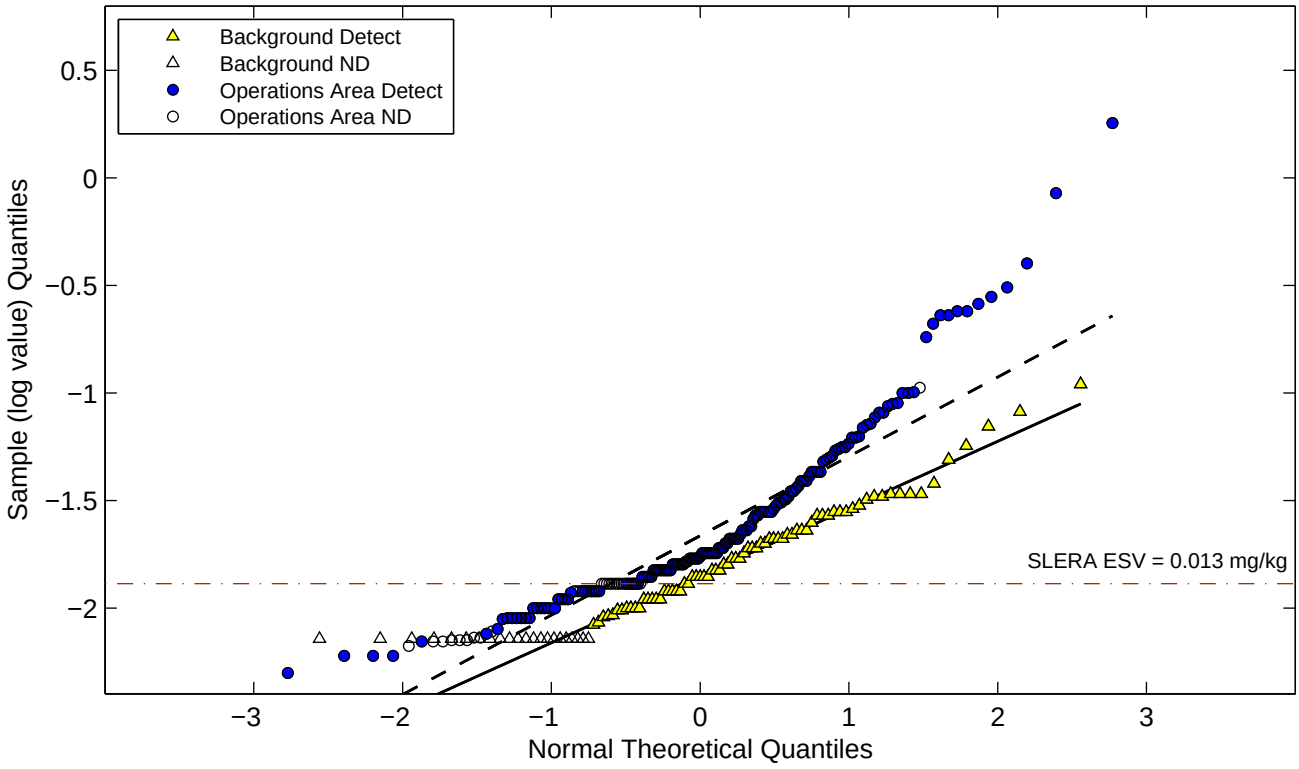
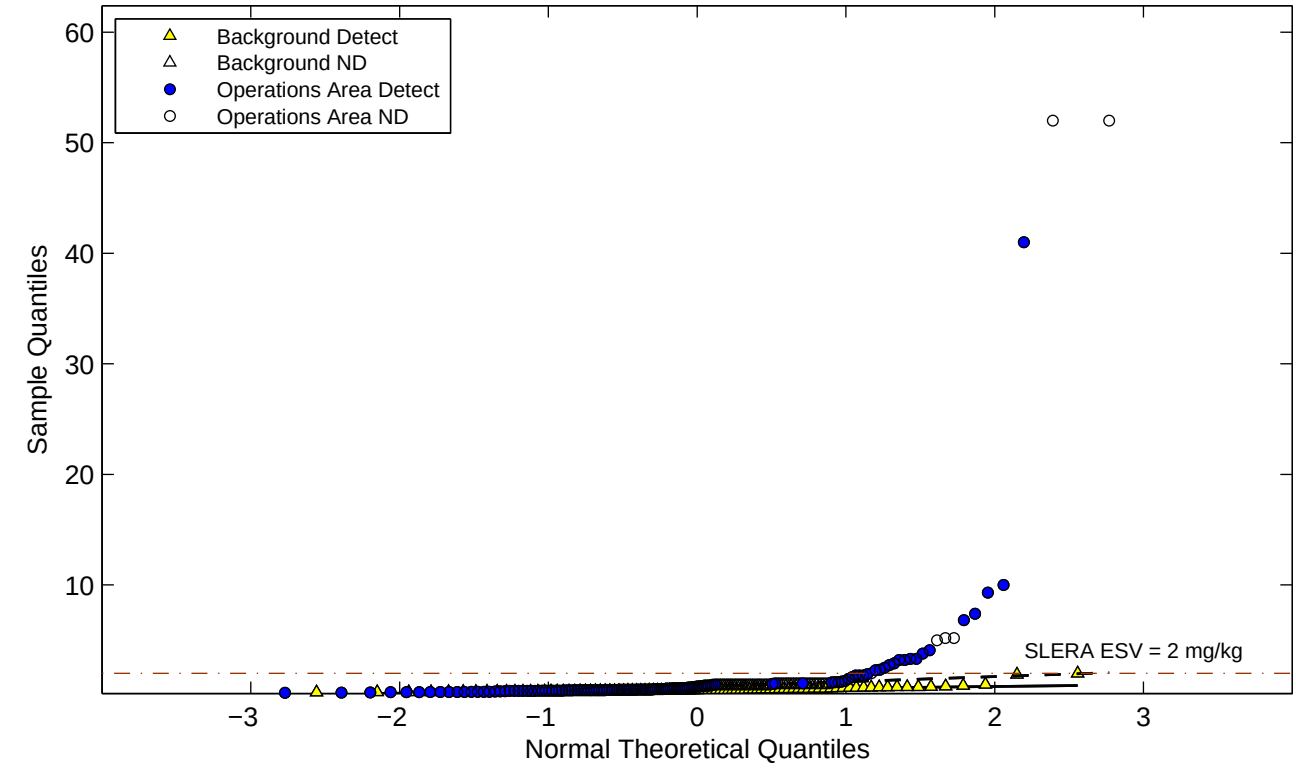


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Molybdenum



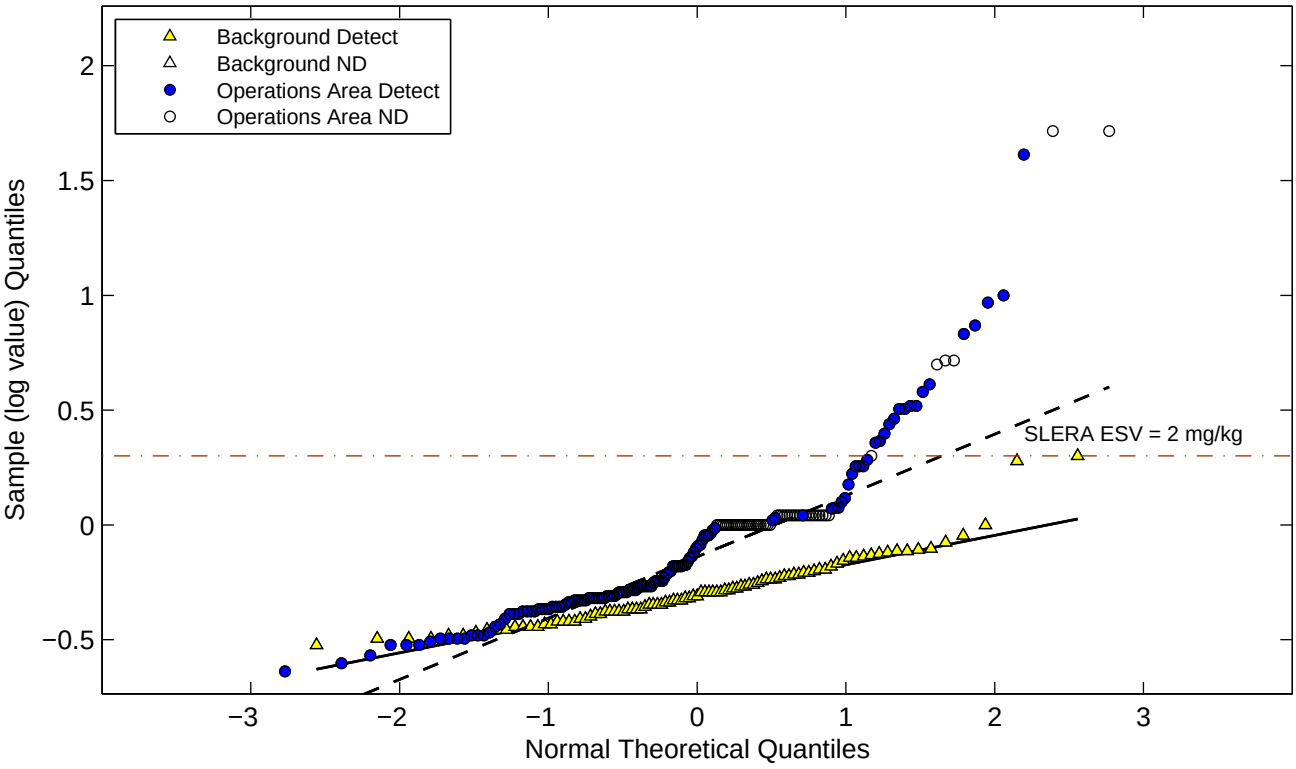
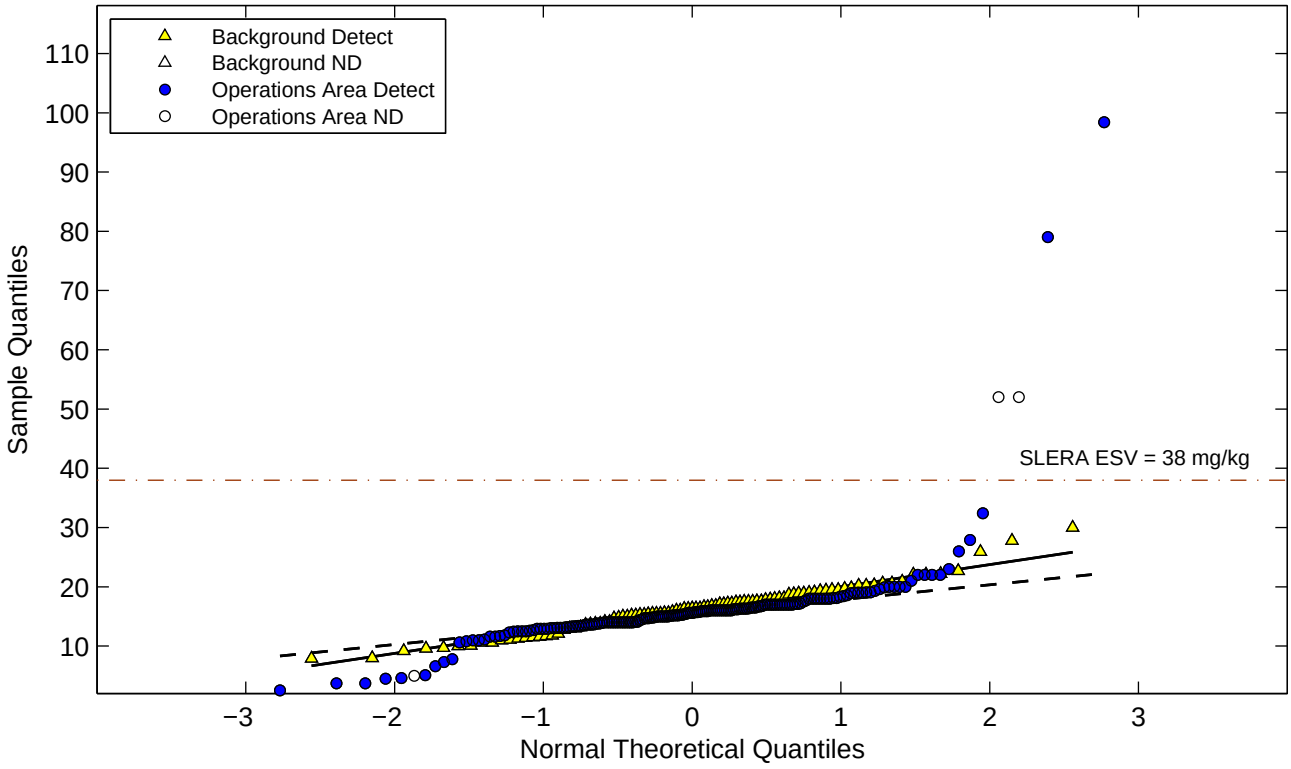


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Nickel



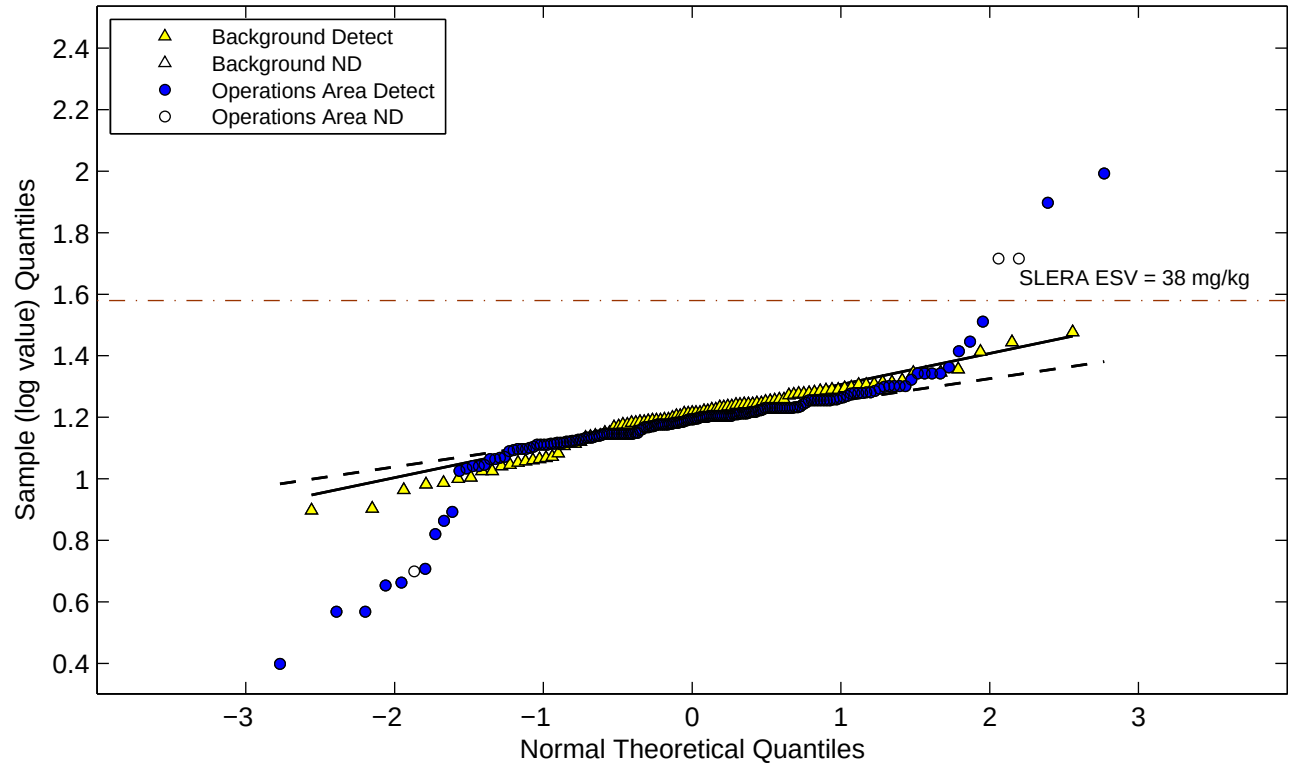
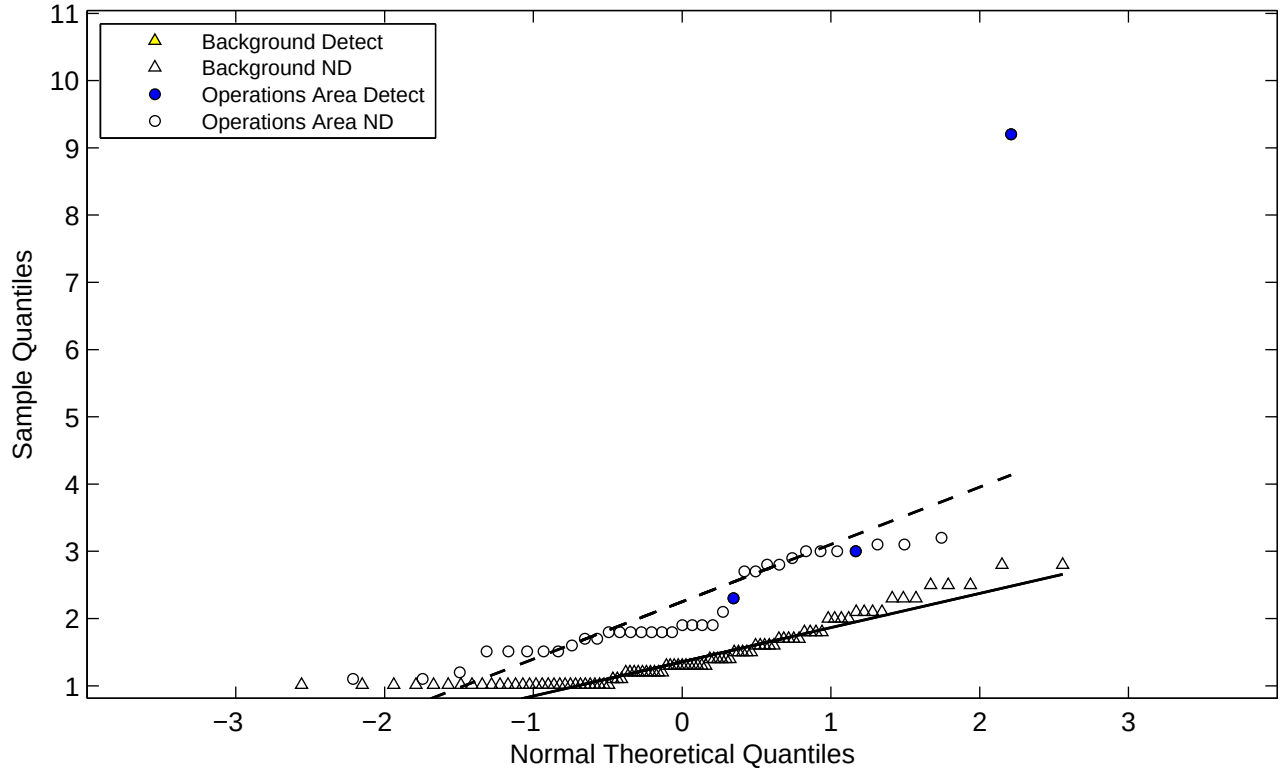


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Niobium



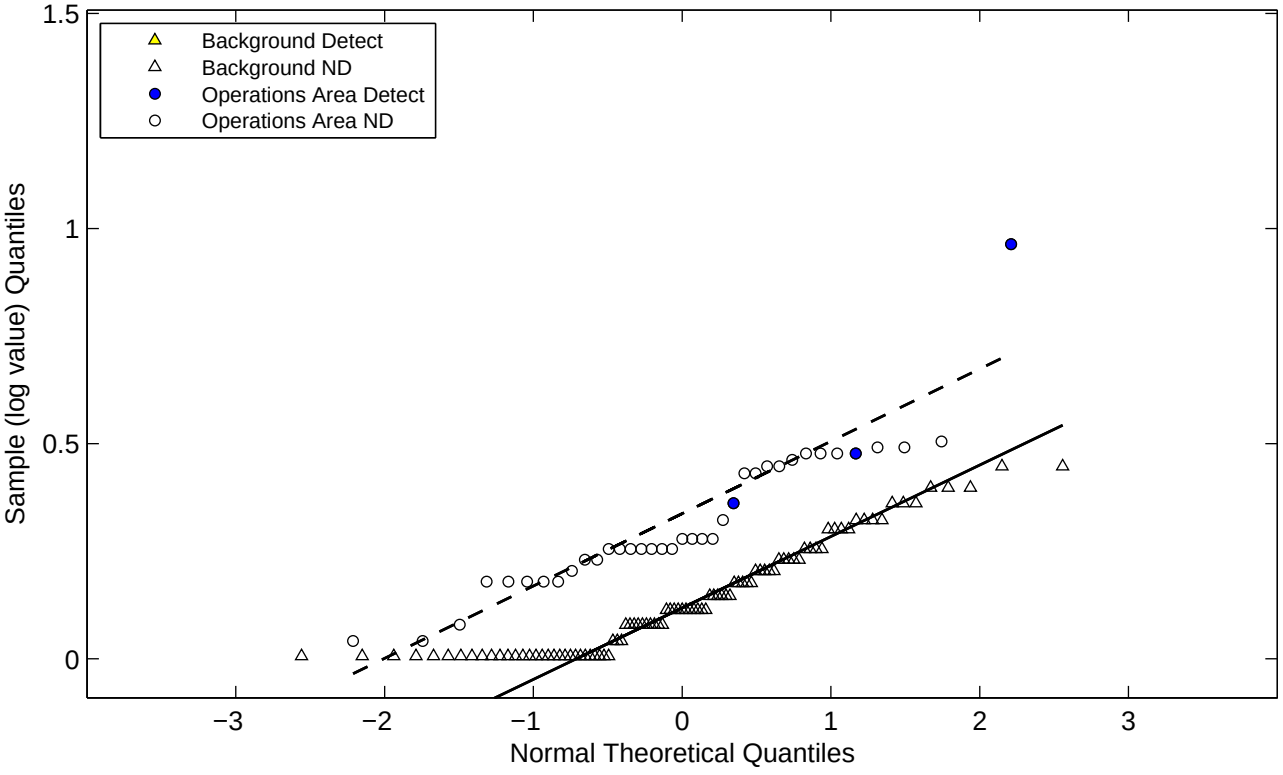
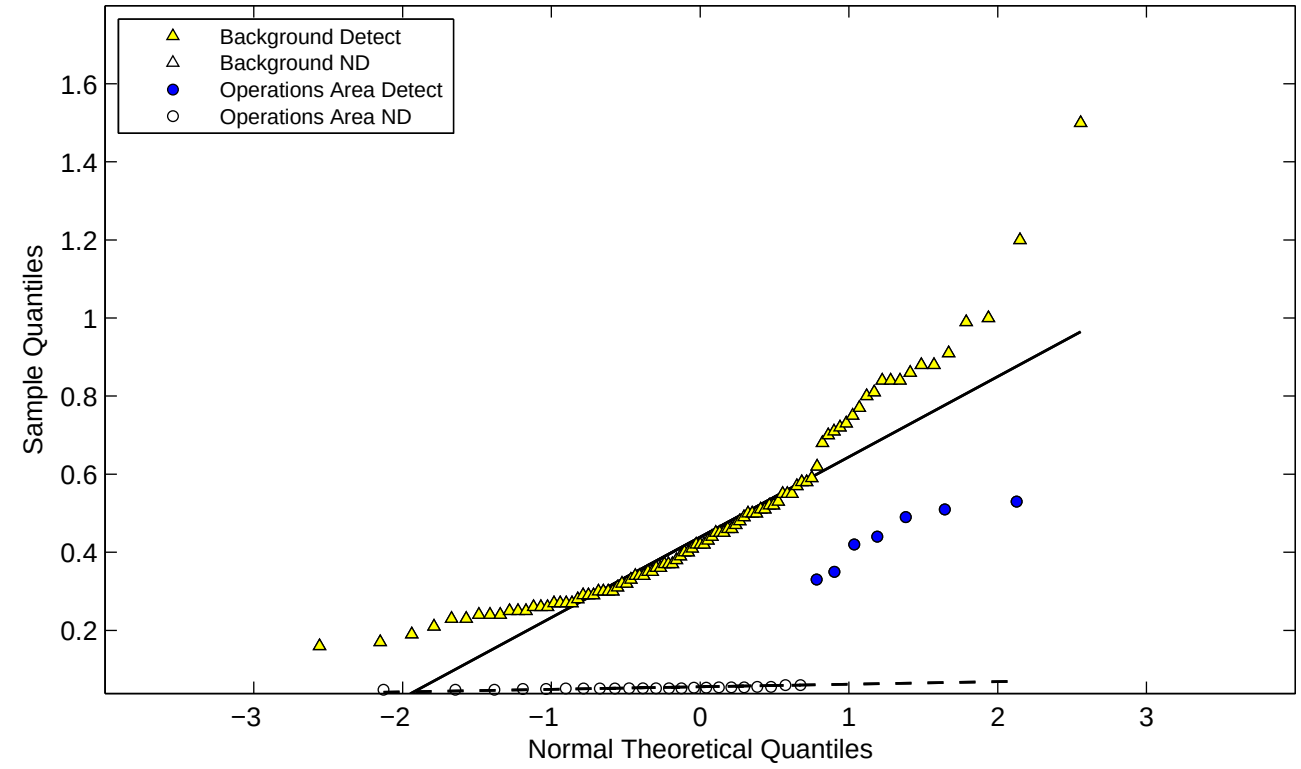


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area) Palladium



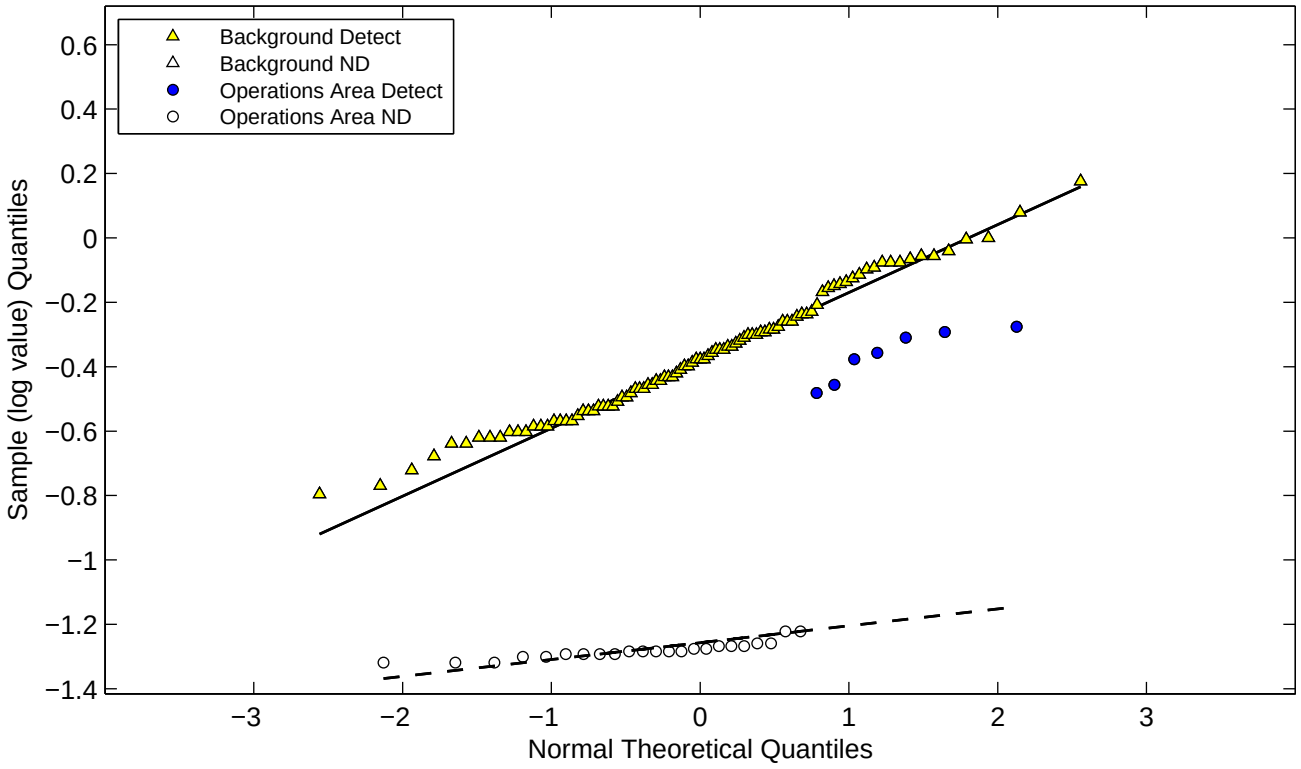
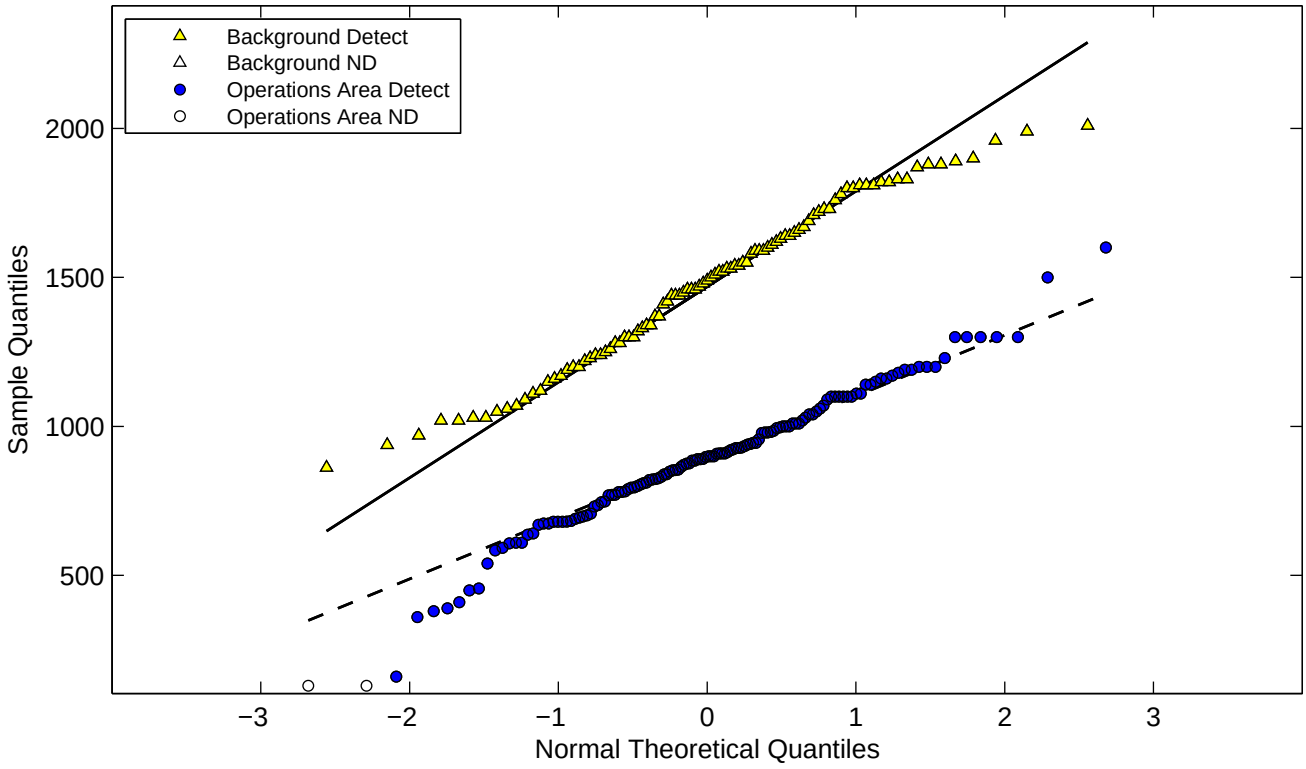


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area) Phosphorus (total)



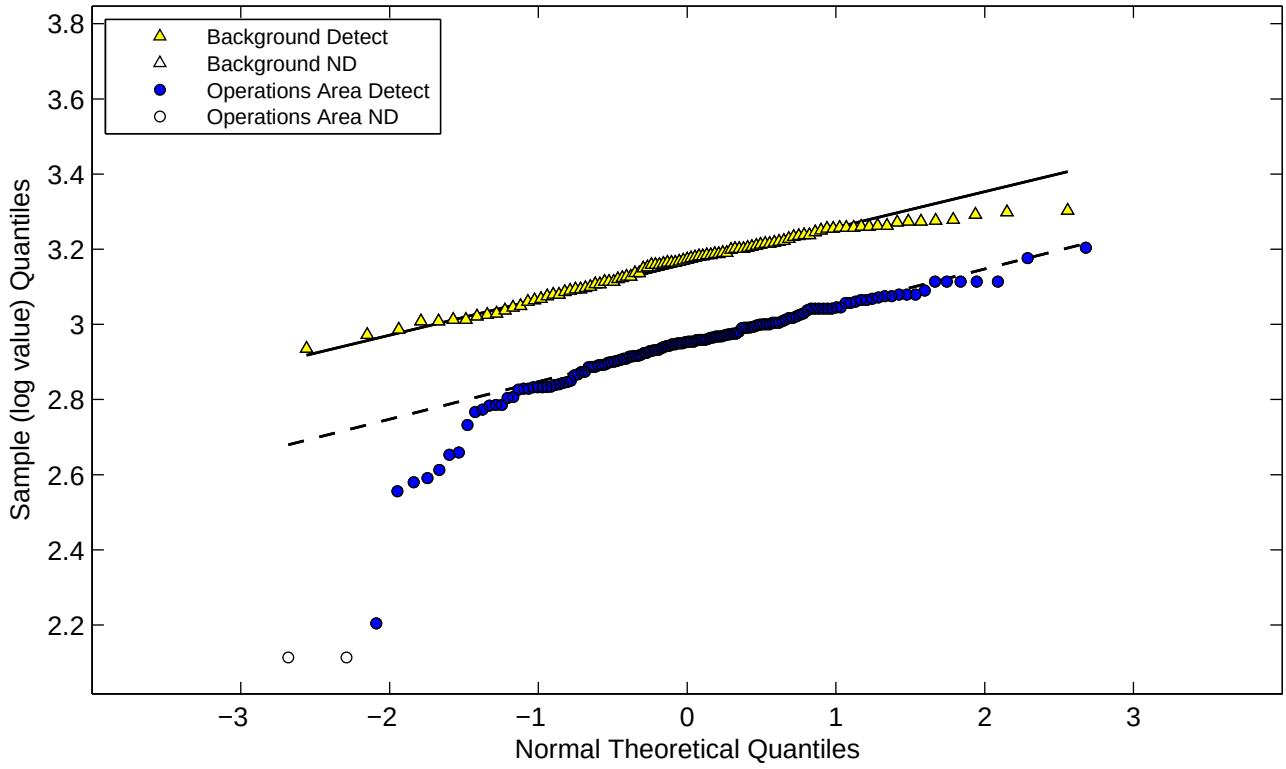
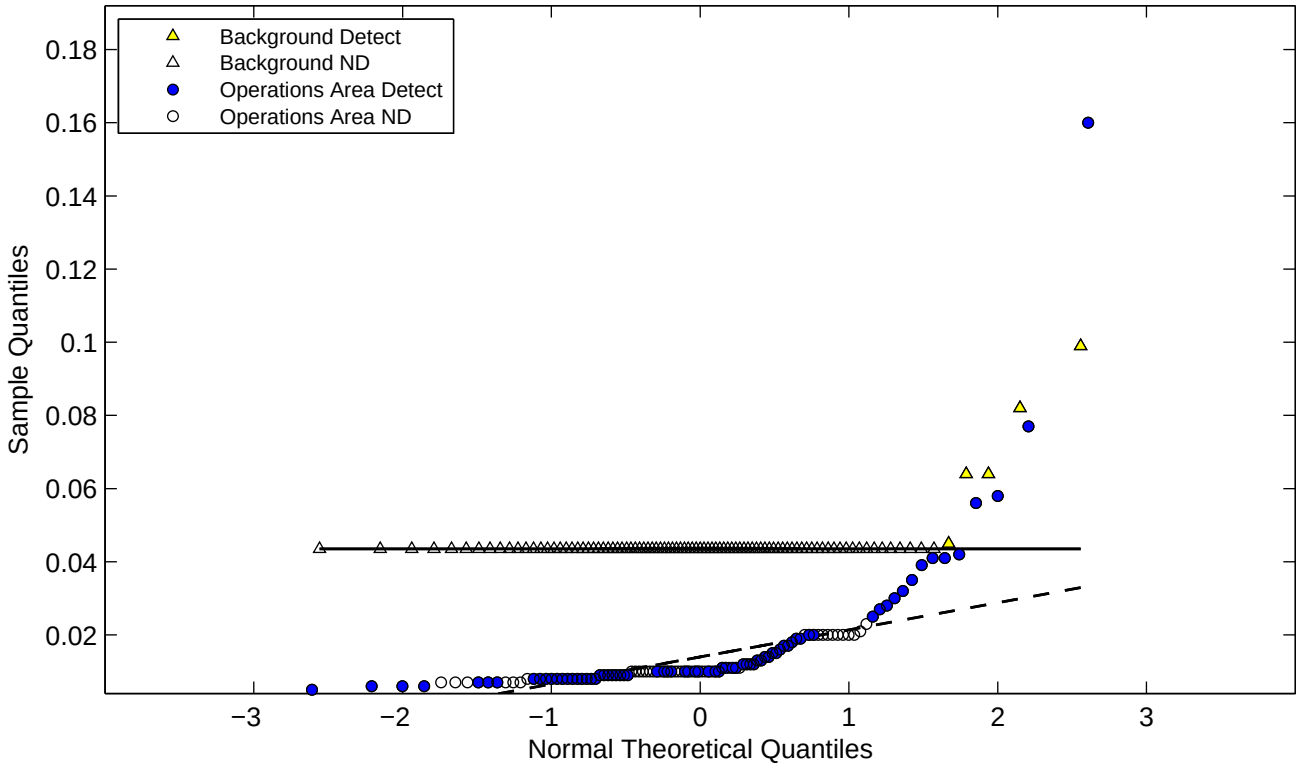


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Platinum



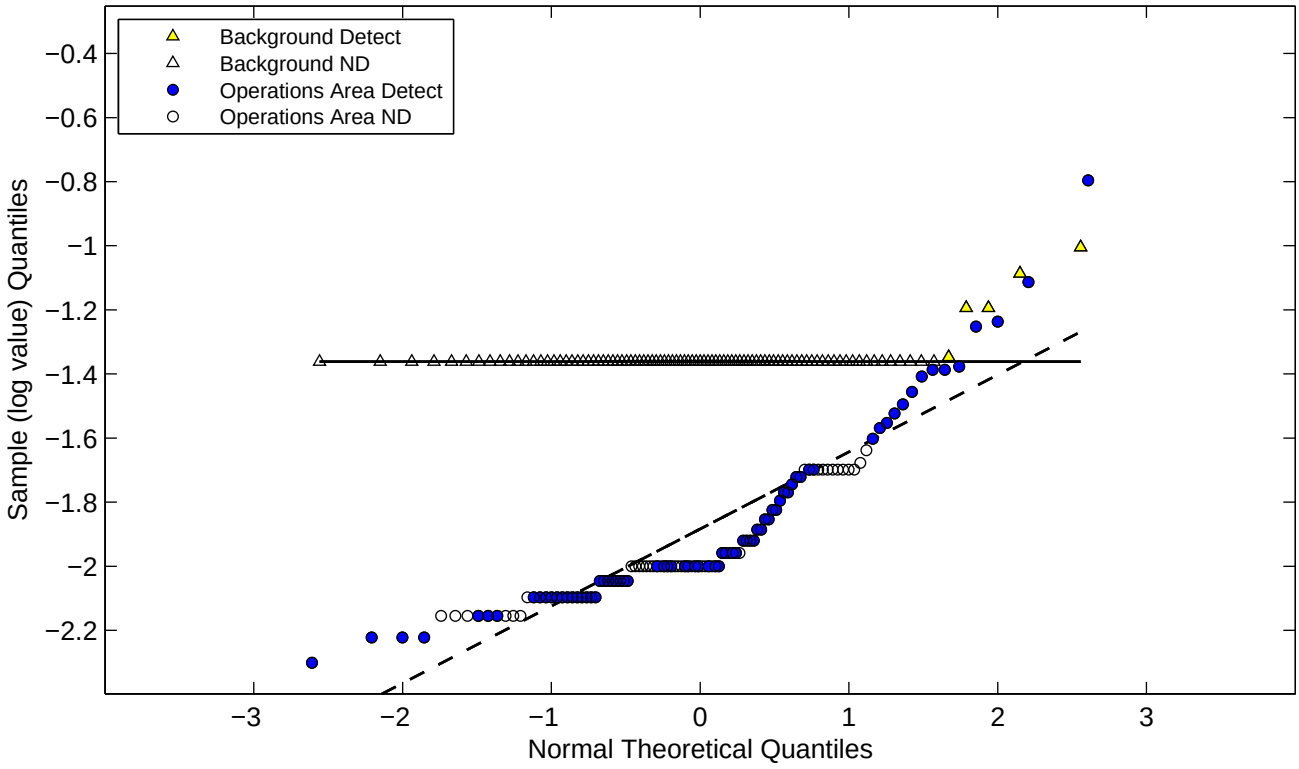
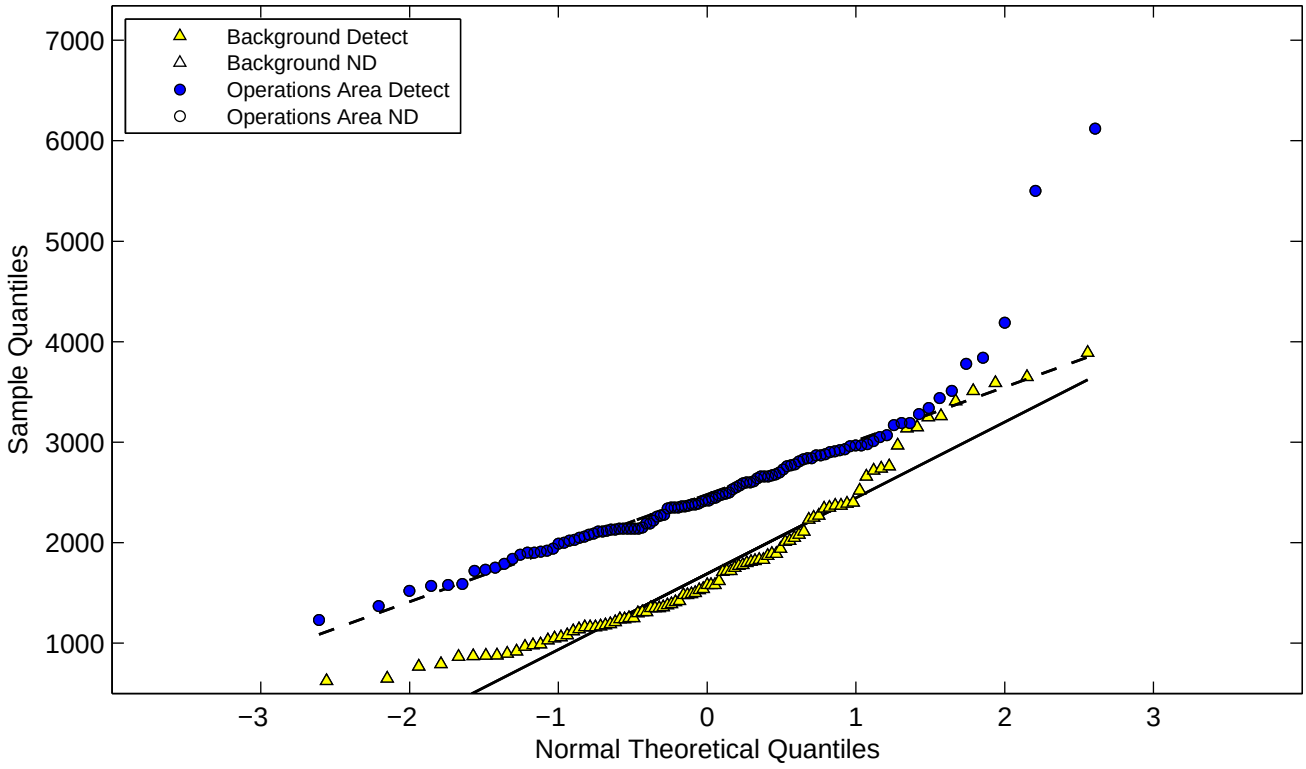


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area) Potassium



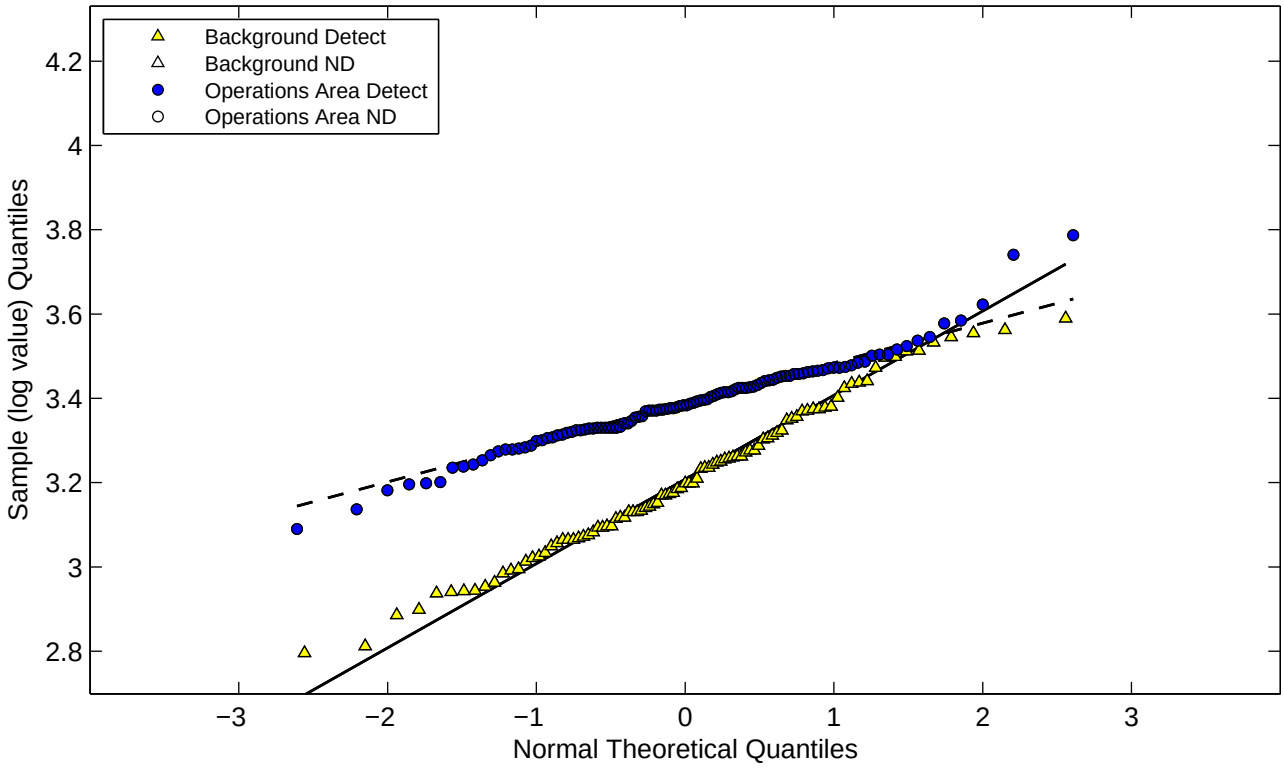
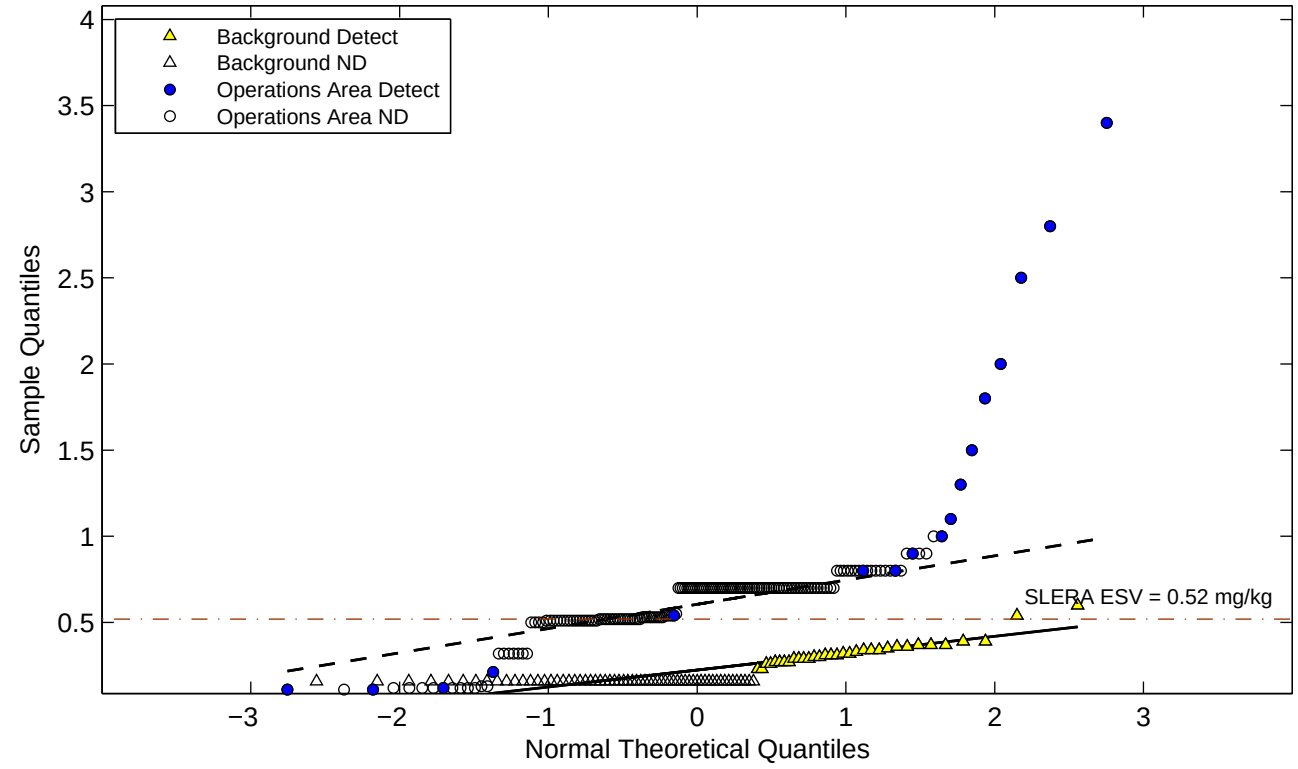


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Selenium



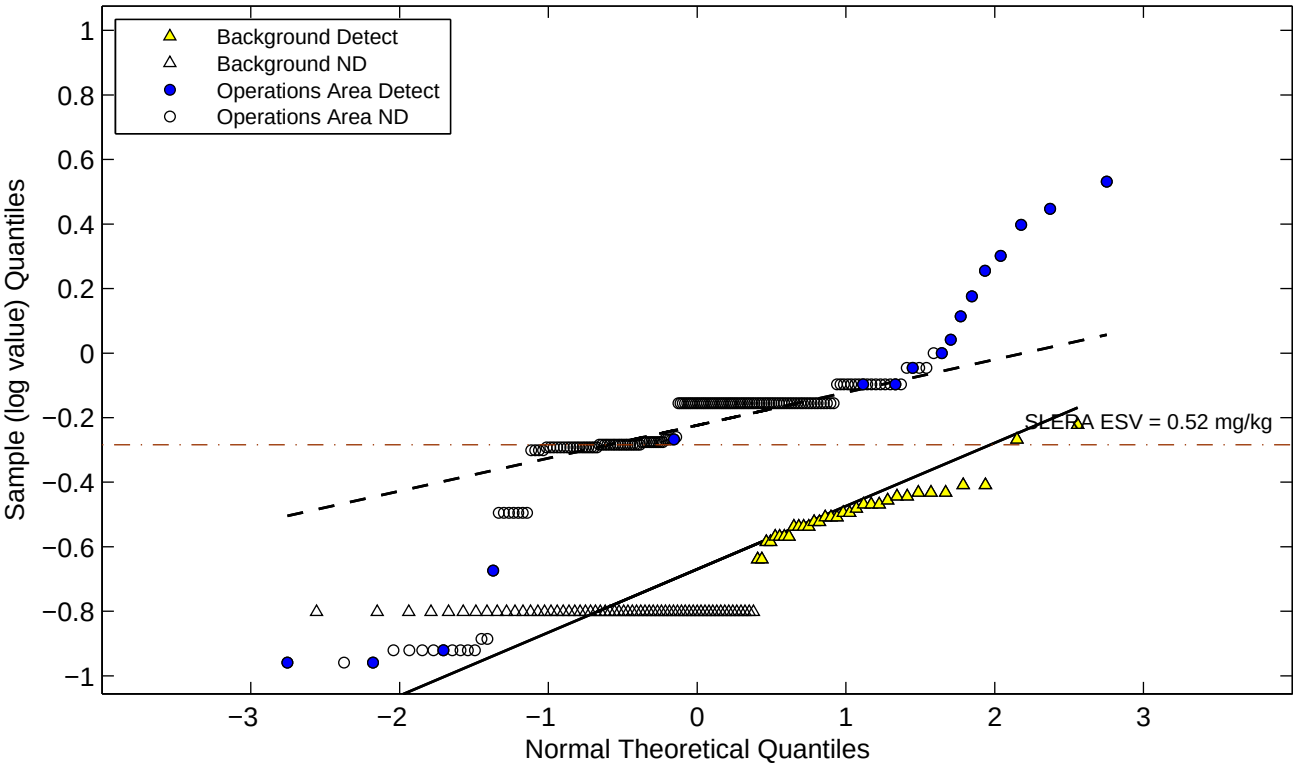
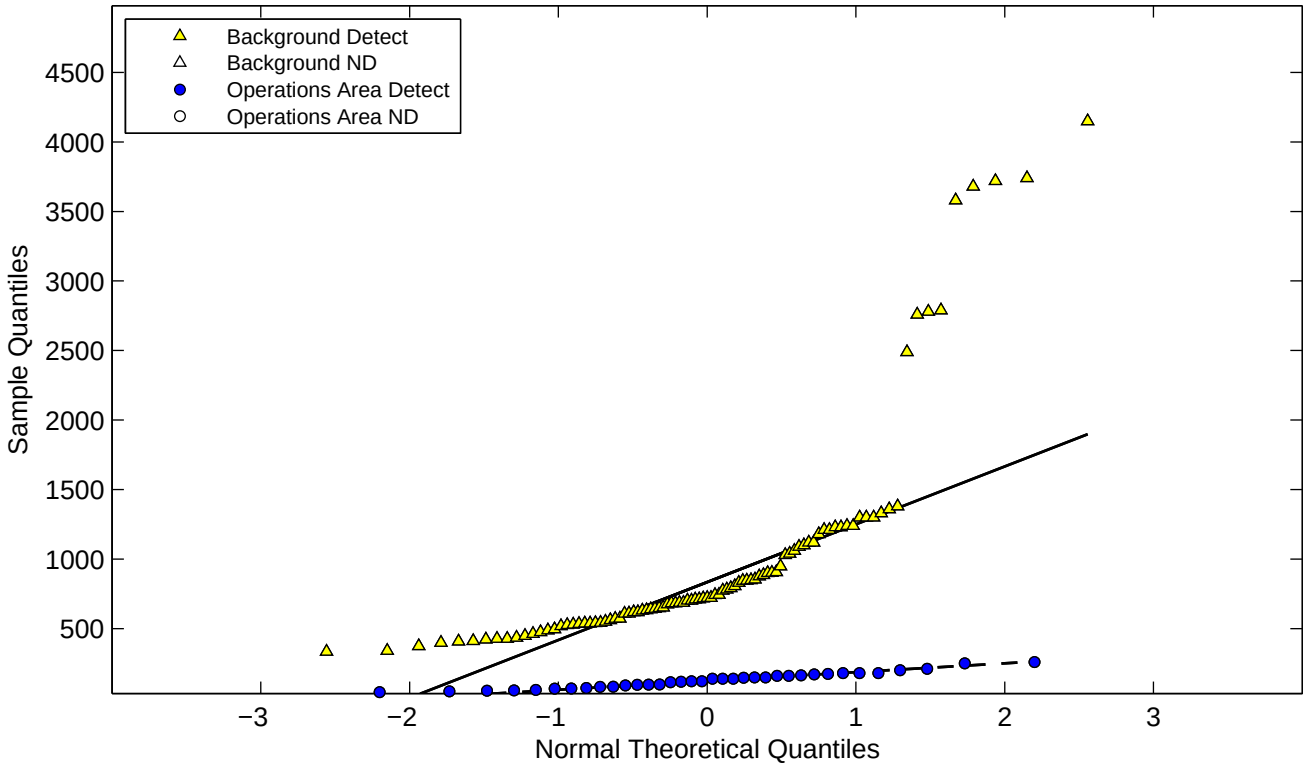


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Silicon



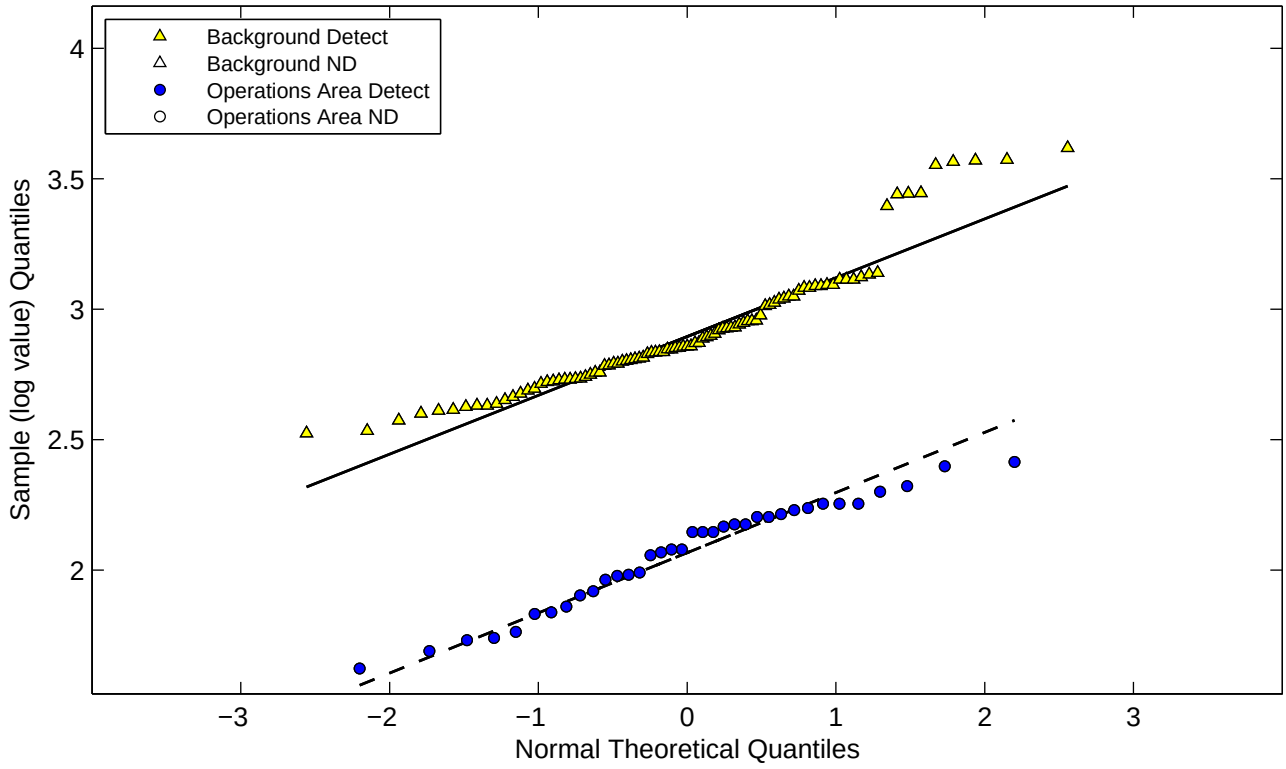
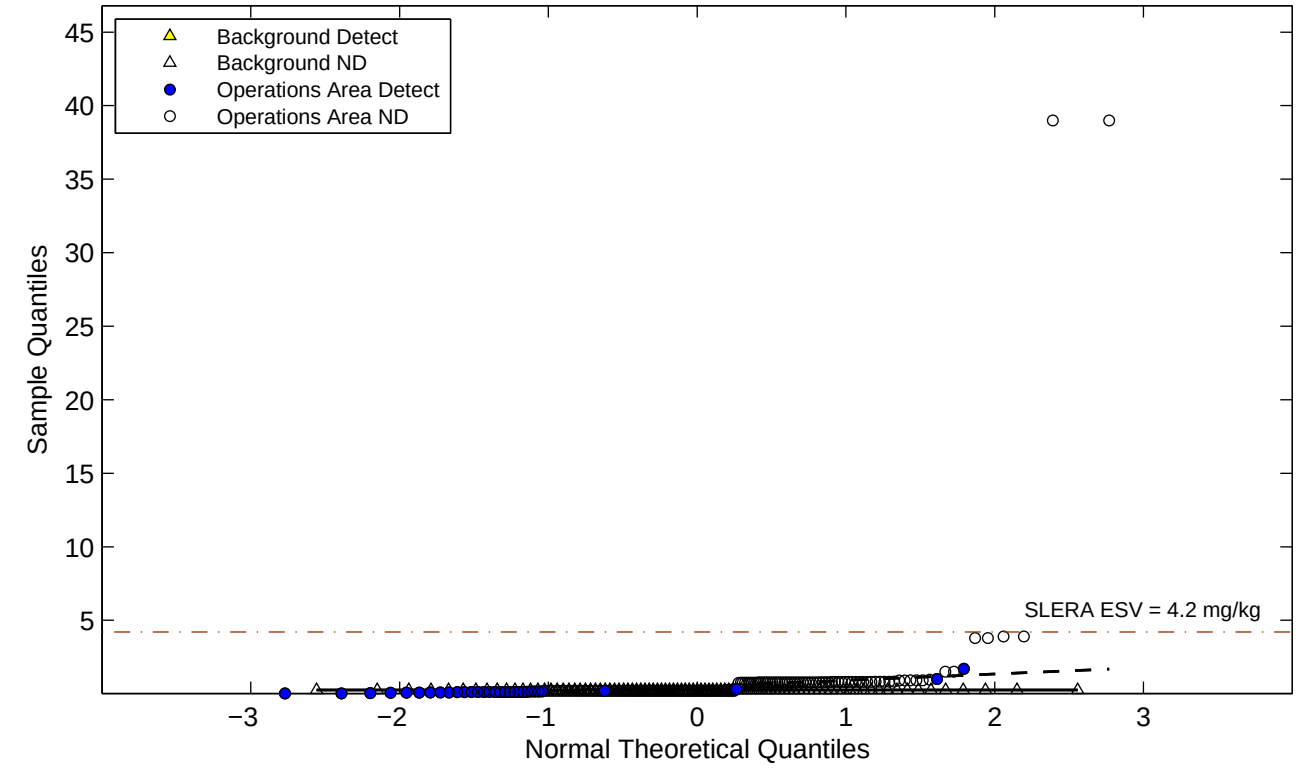


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Silver



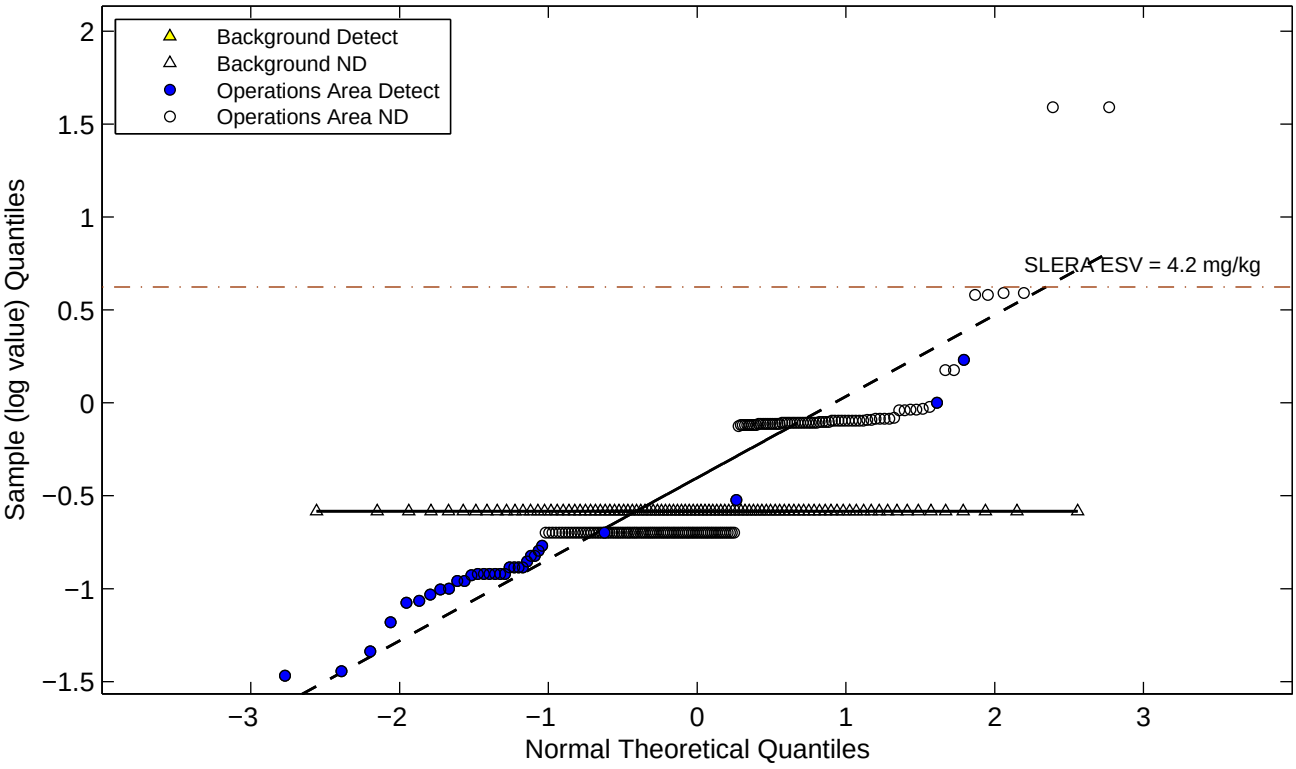
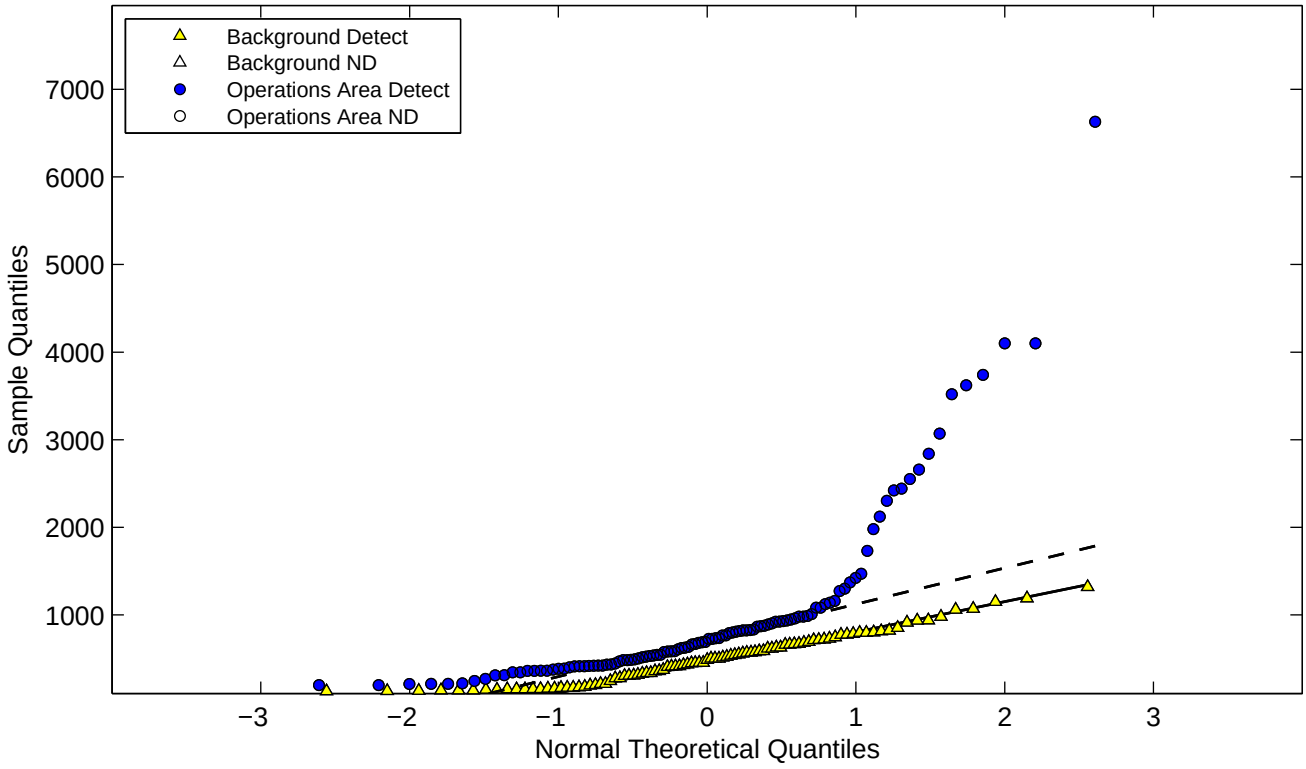


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Sodium



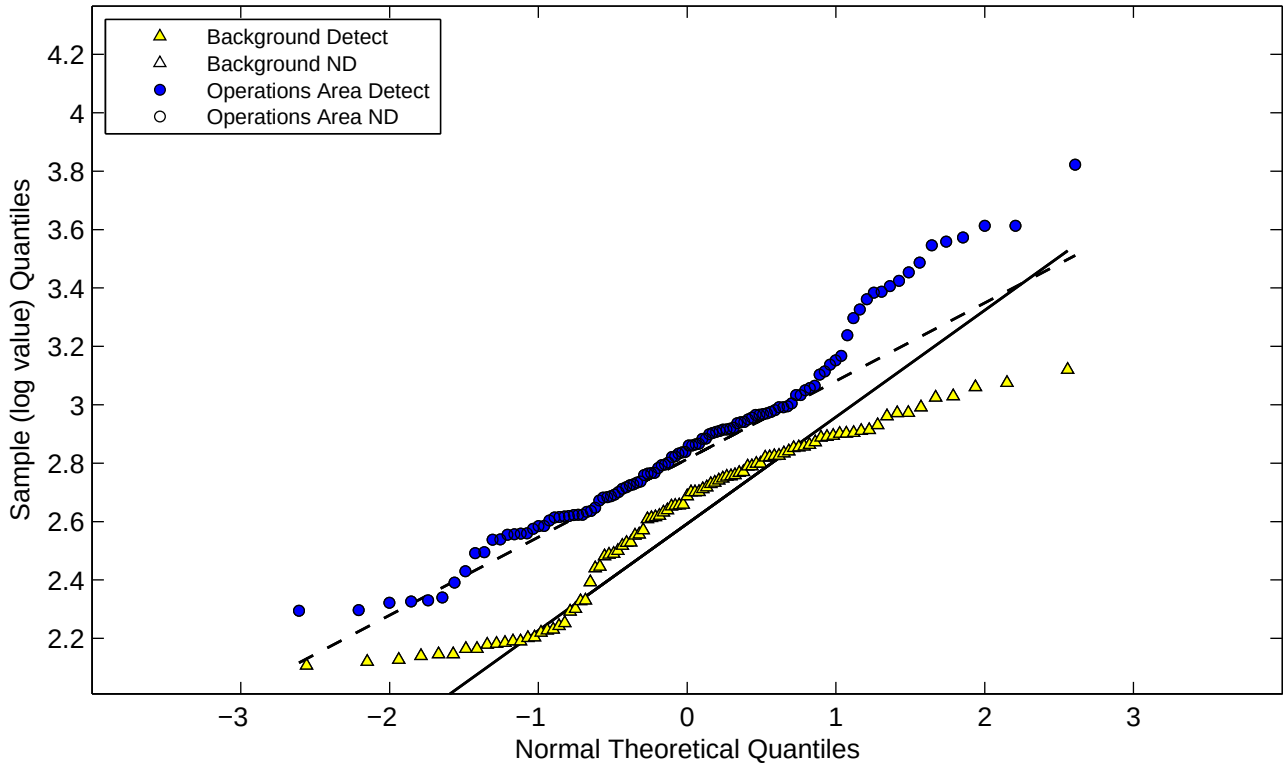
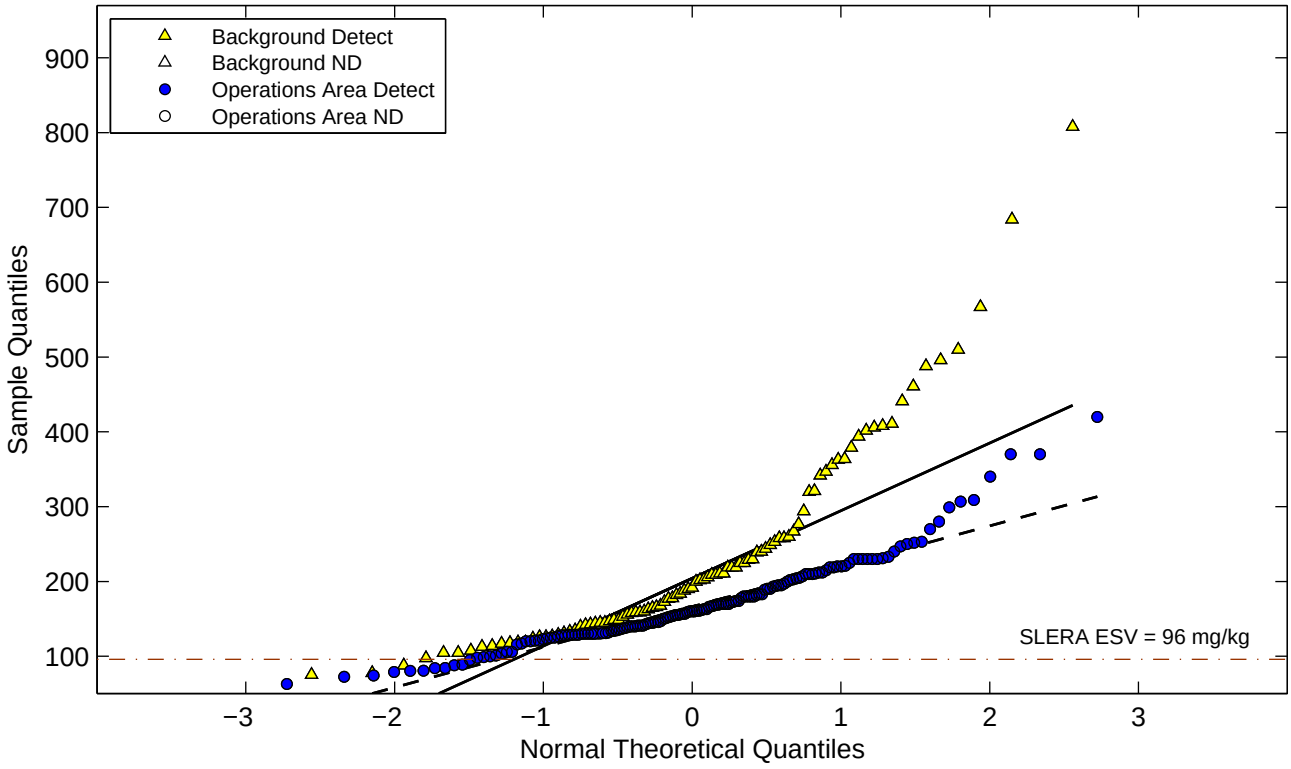


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area) Strontium



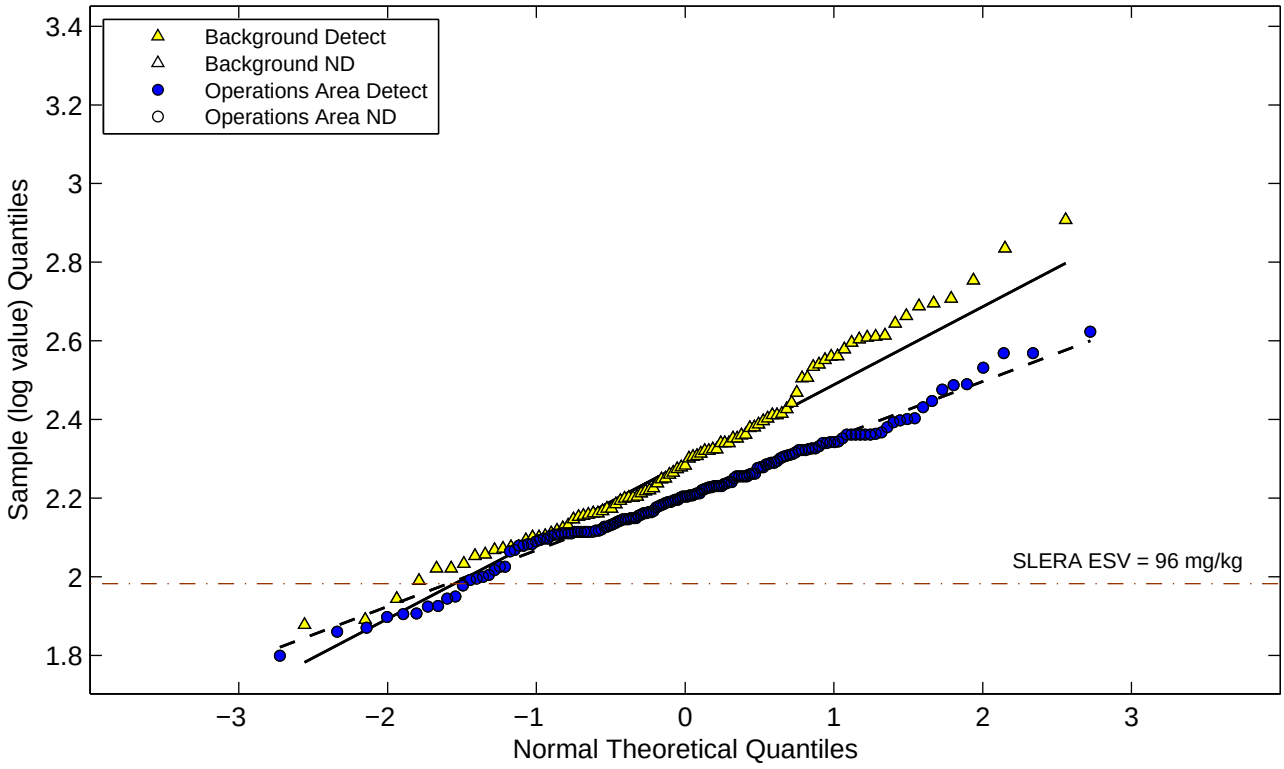
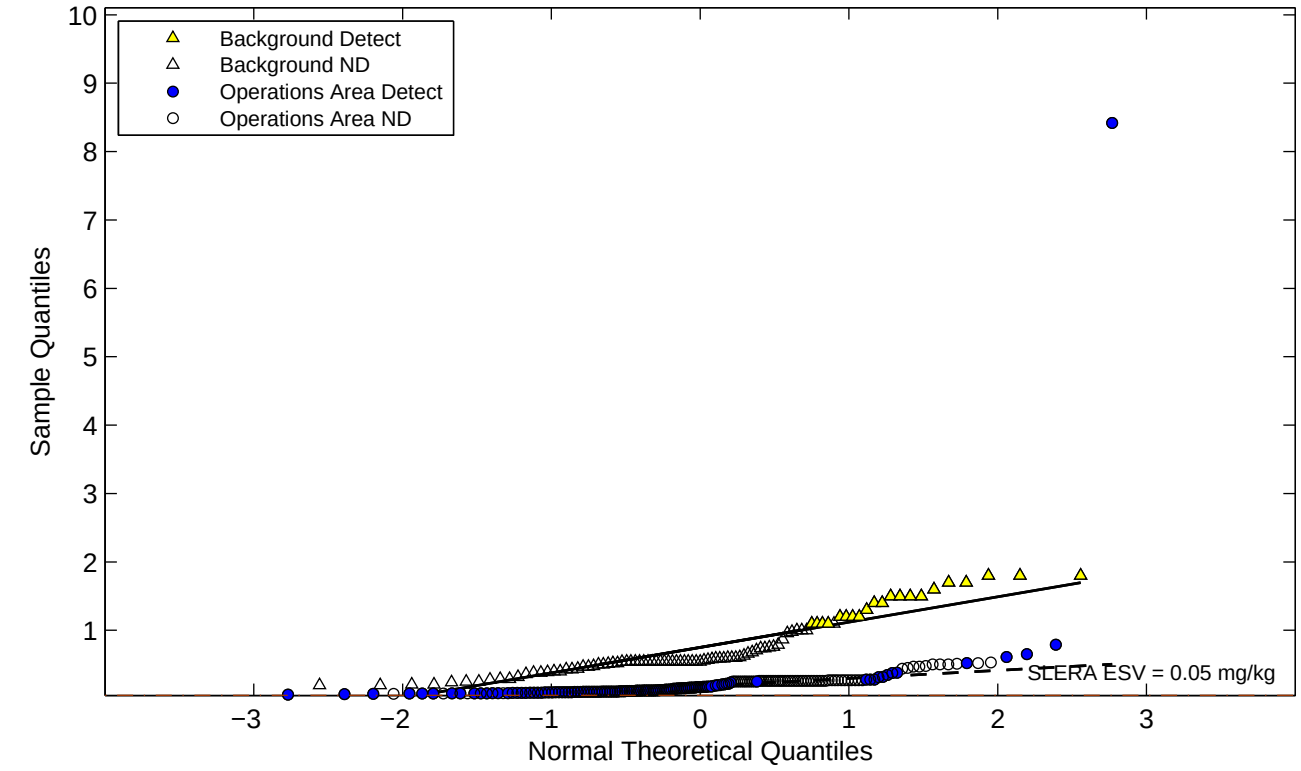


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Thallium



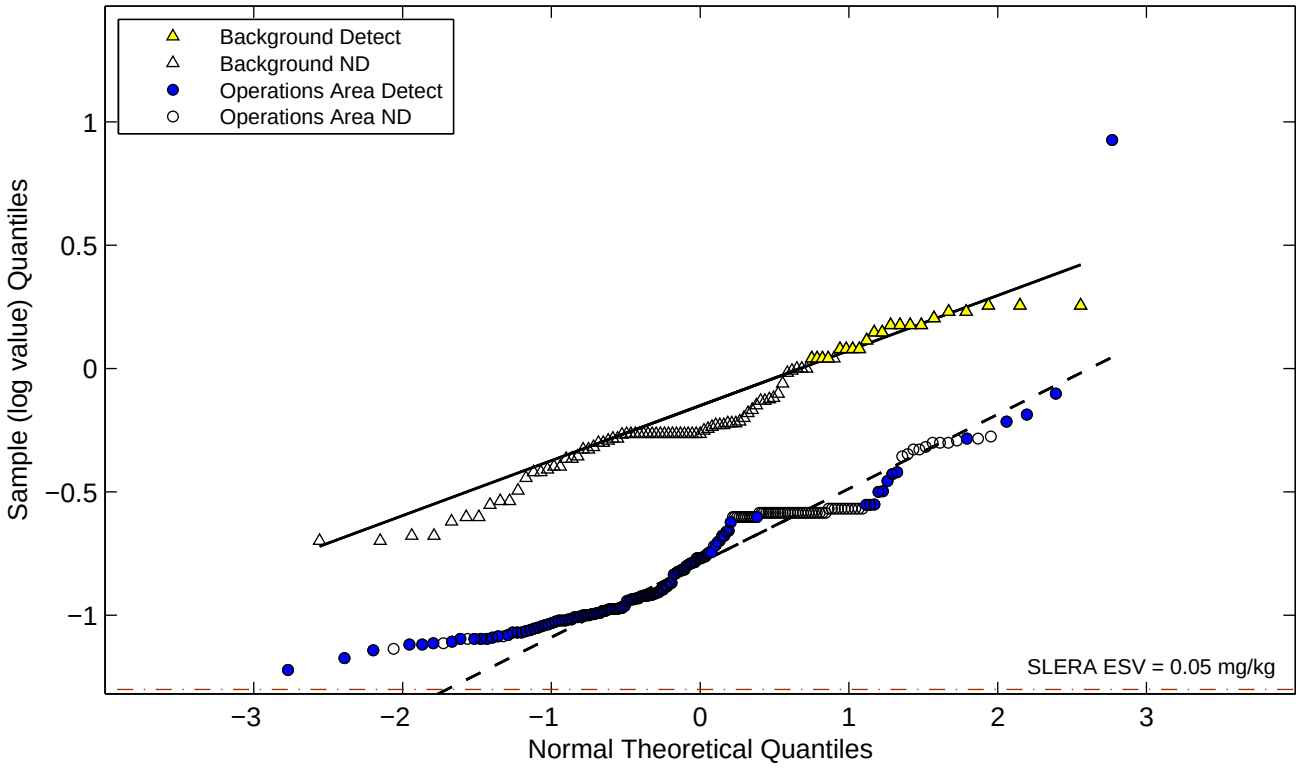
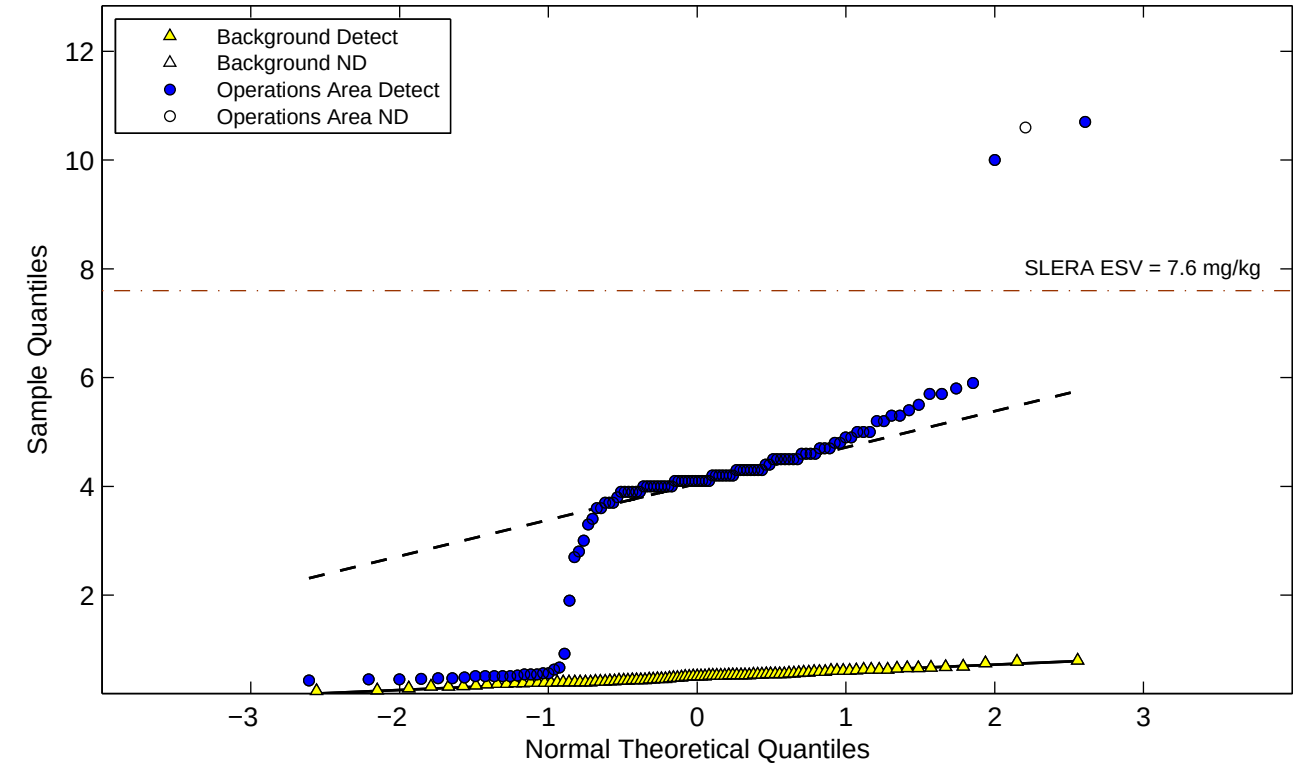


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Tin



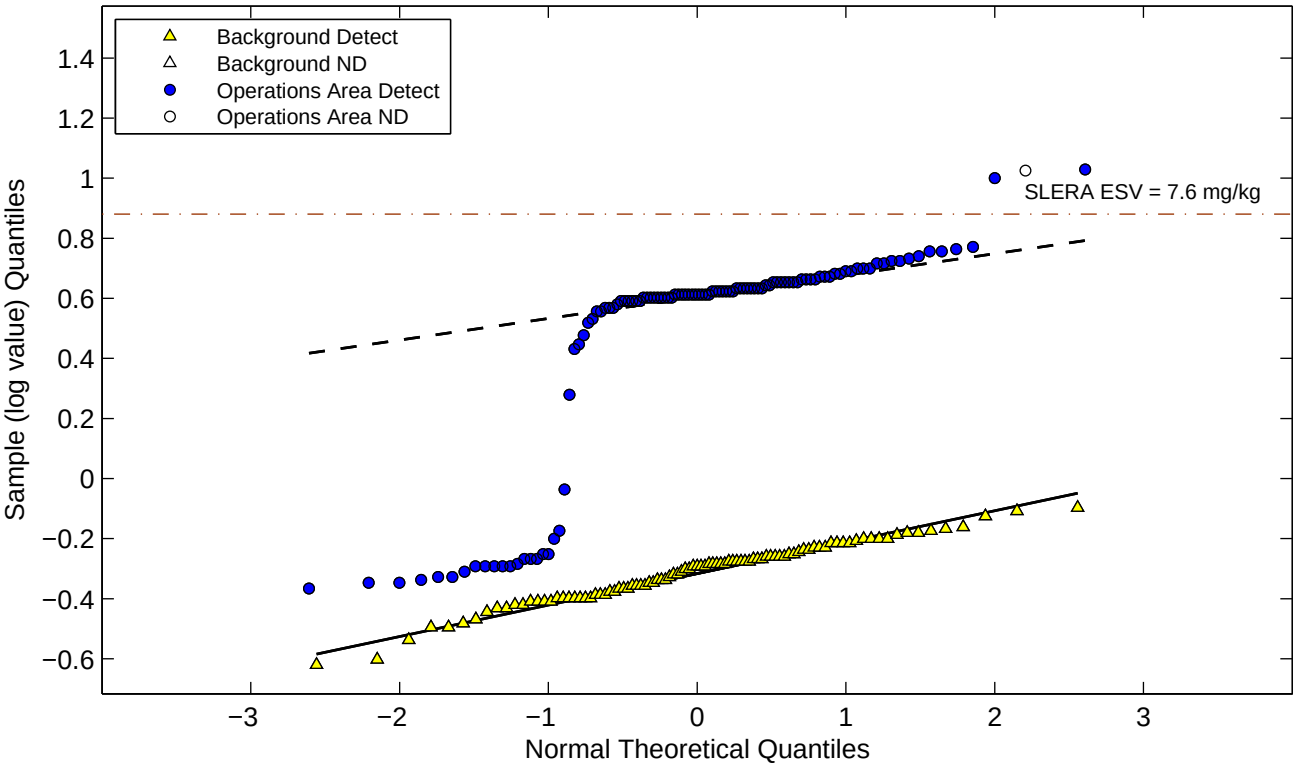
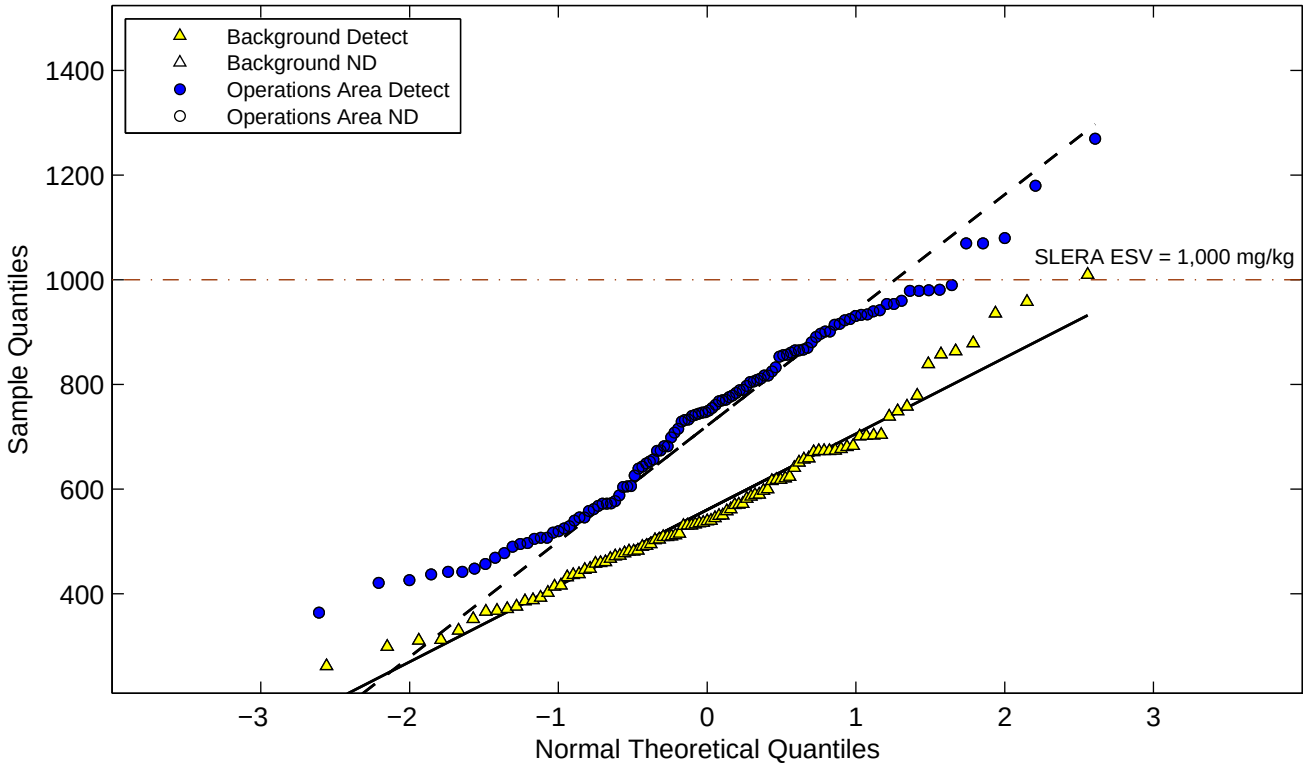


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Titanium



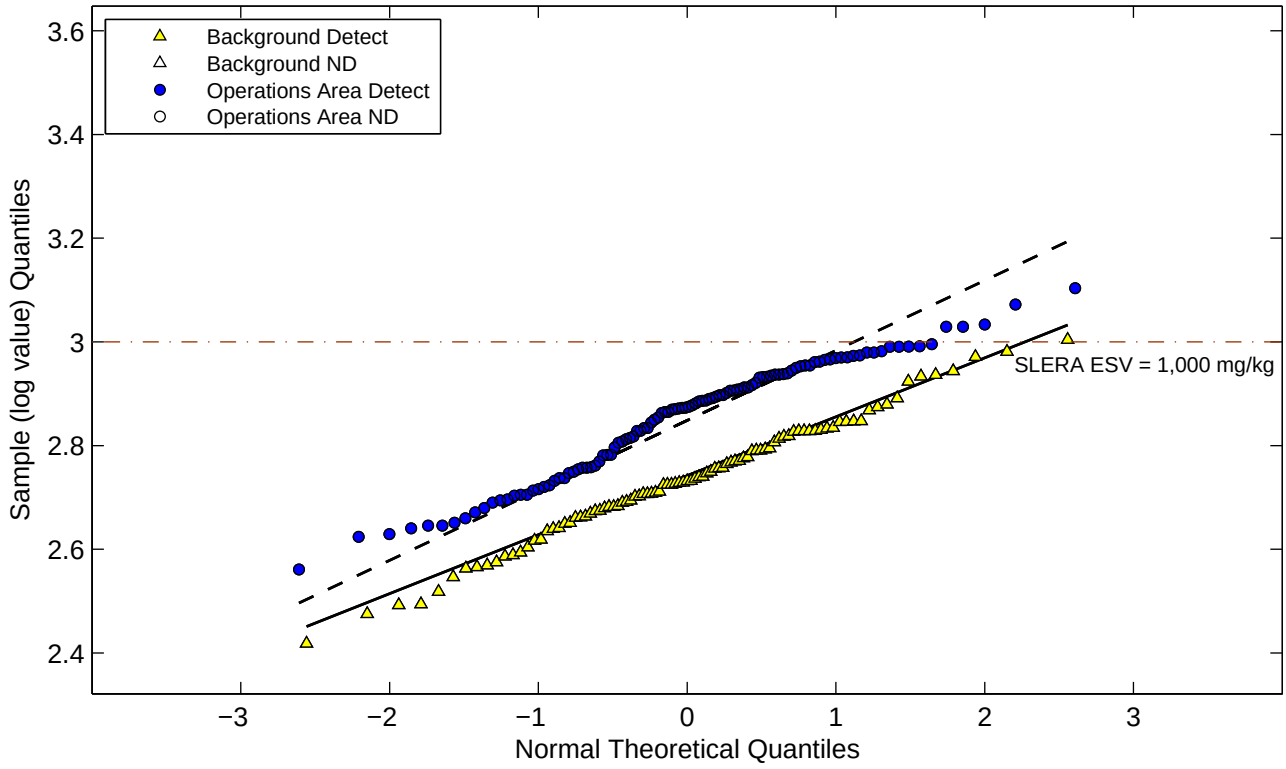
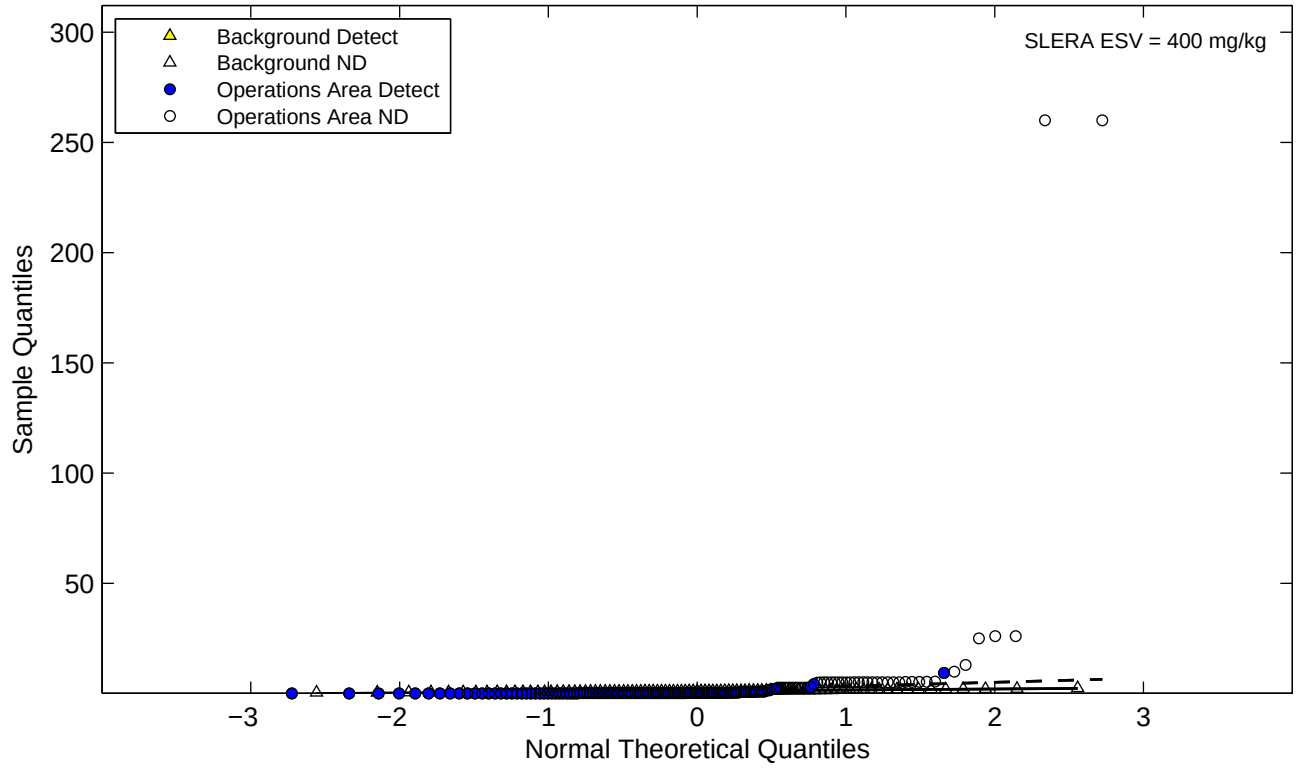


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Tungsten



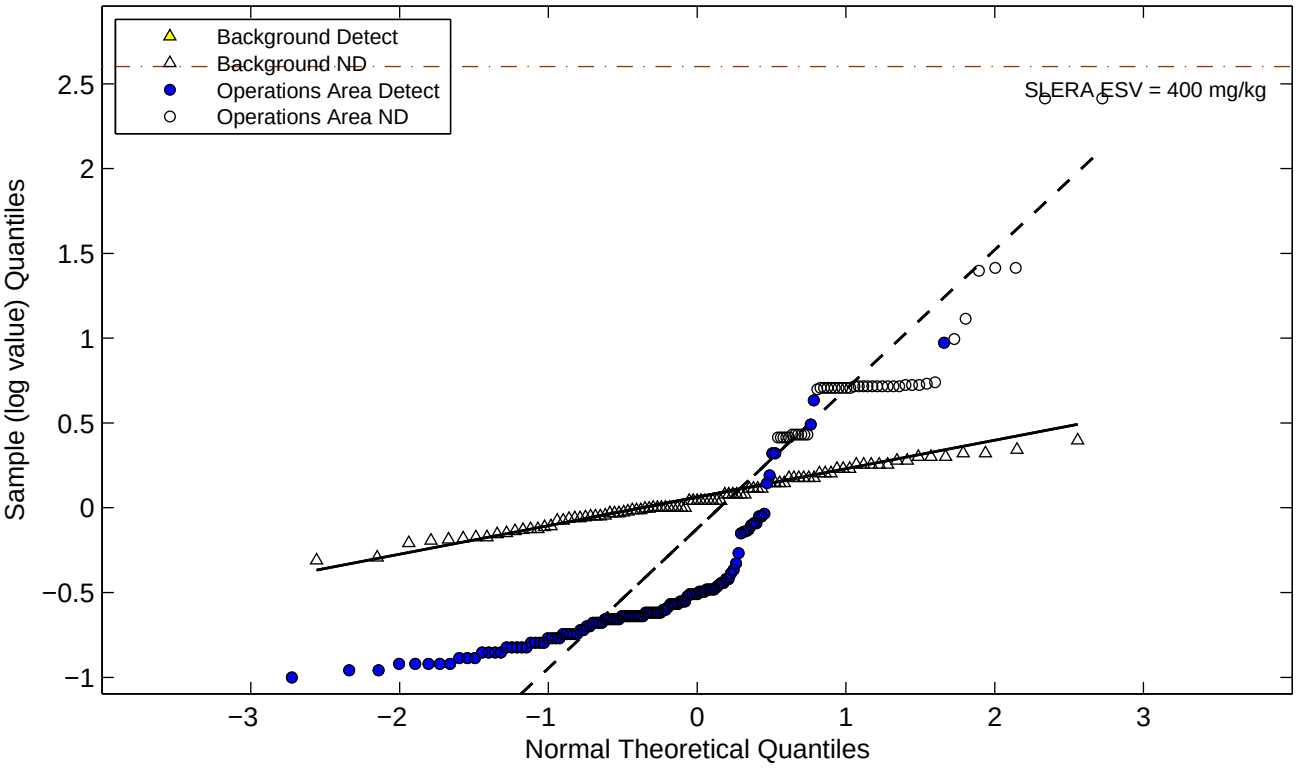
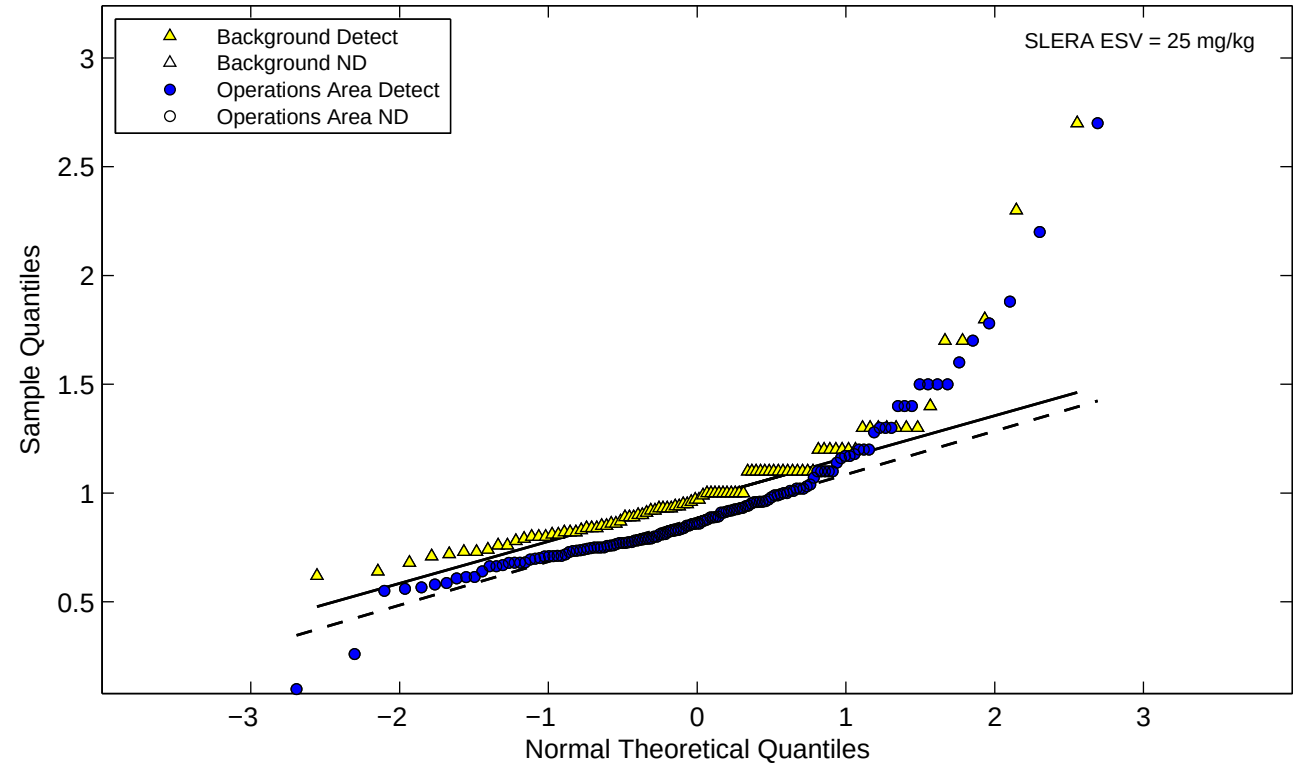


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area) Uranium (total)



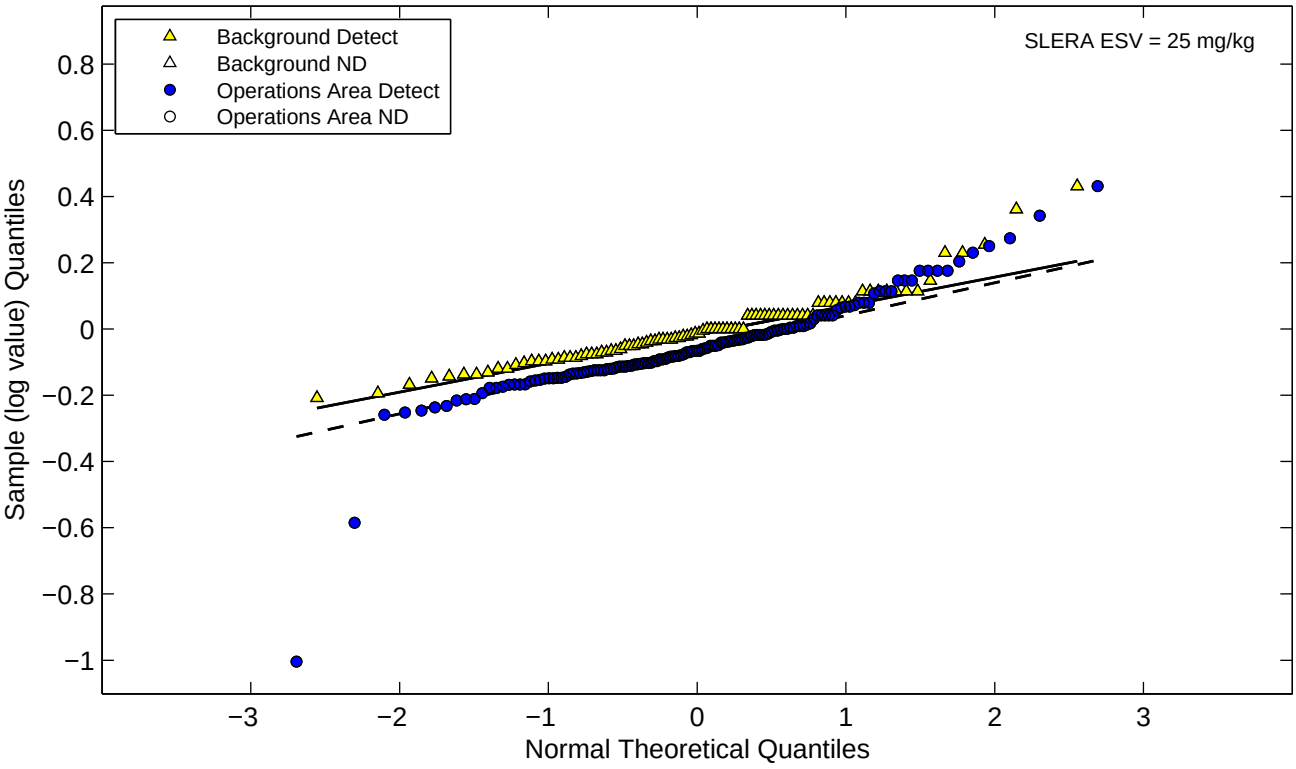
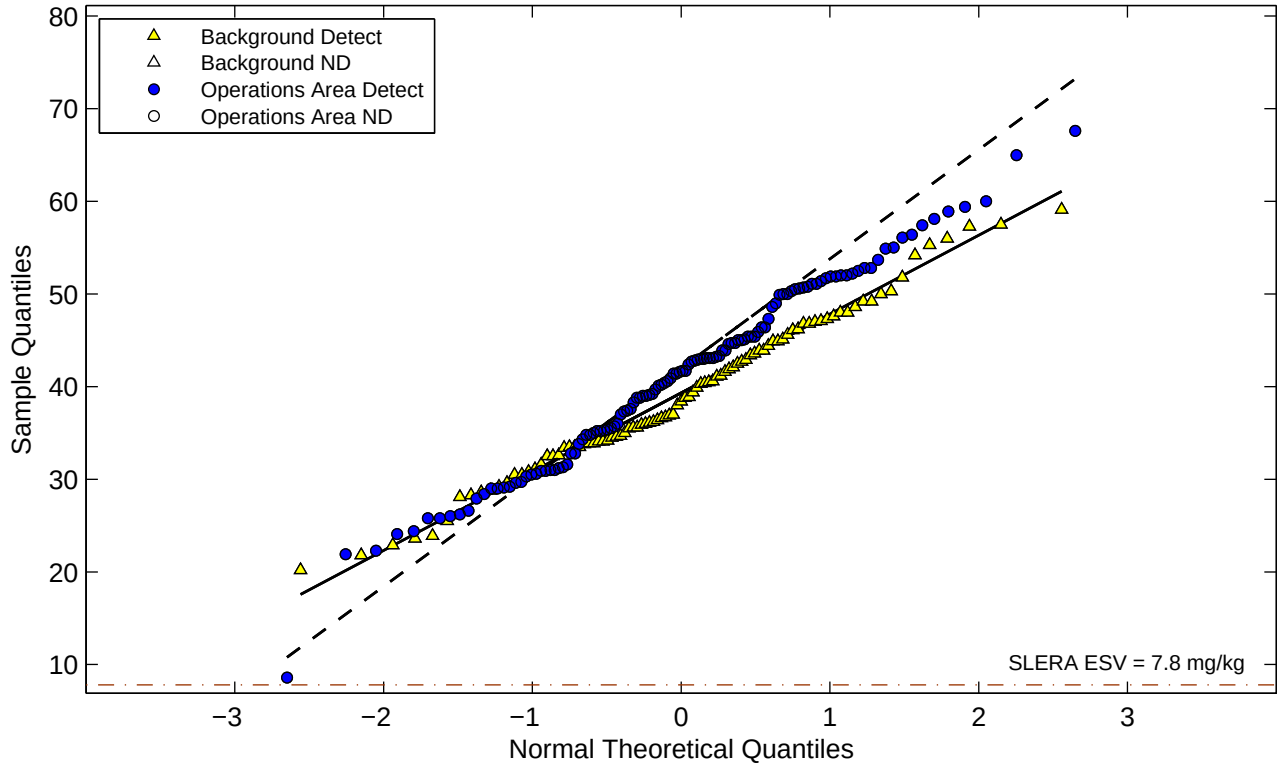


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Vanadium



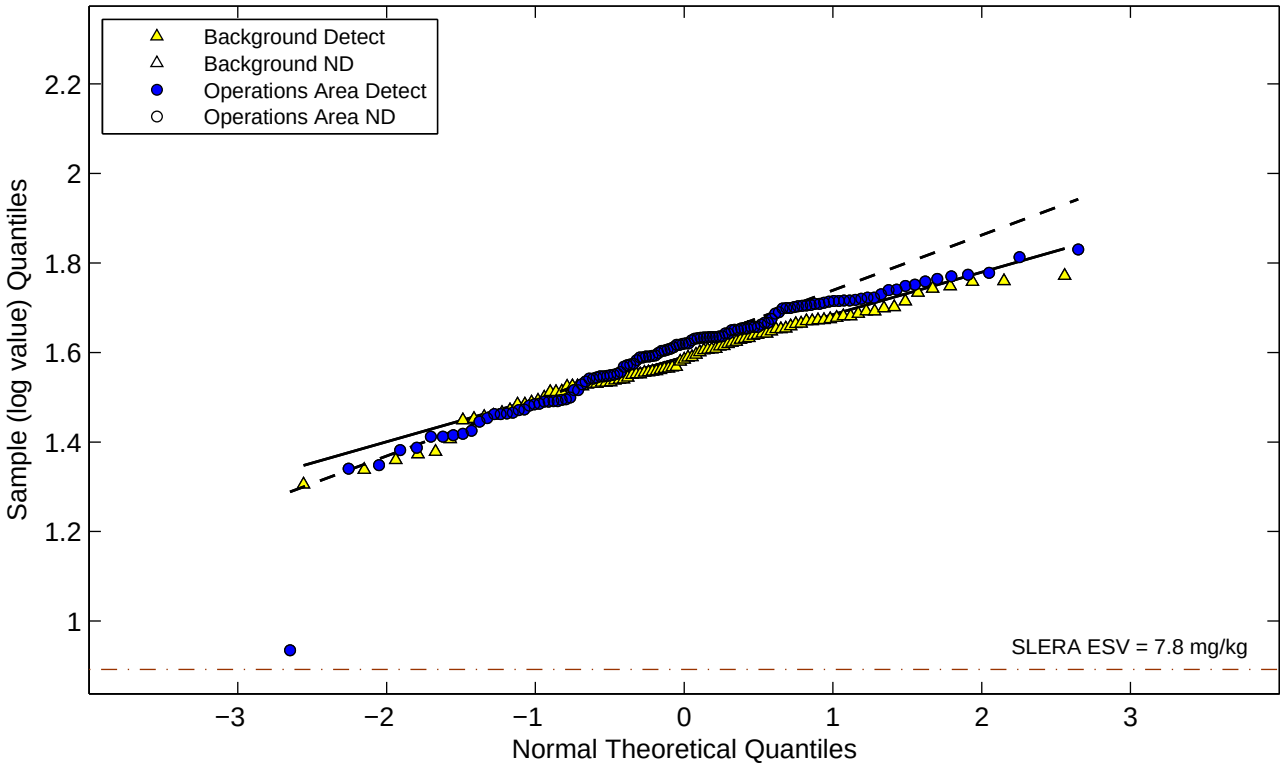
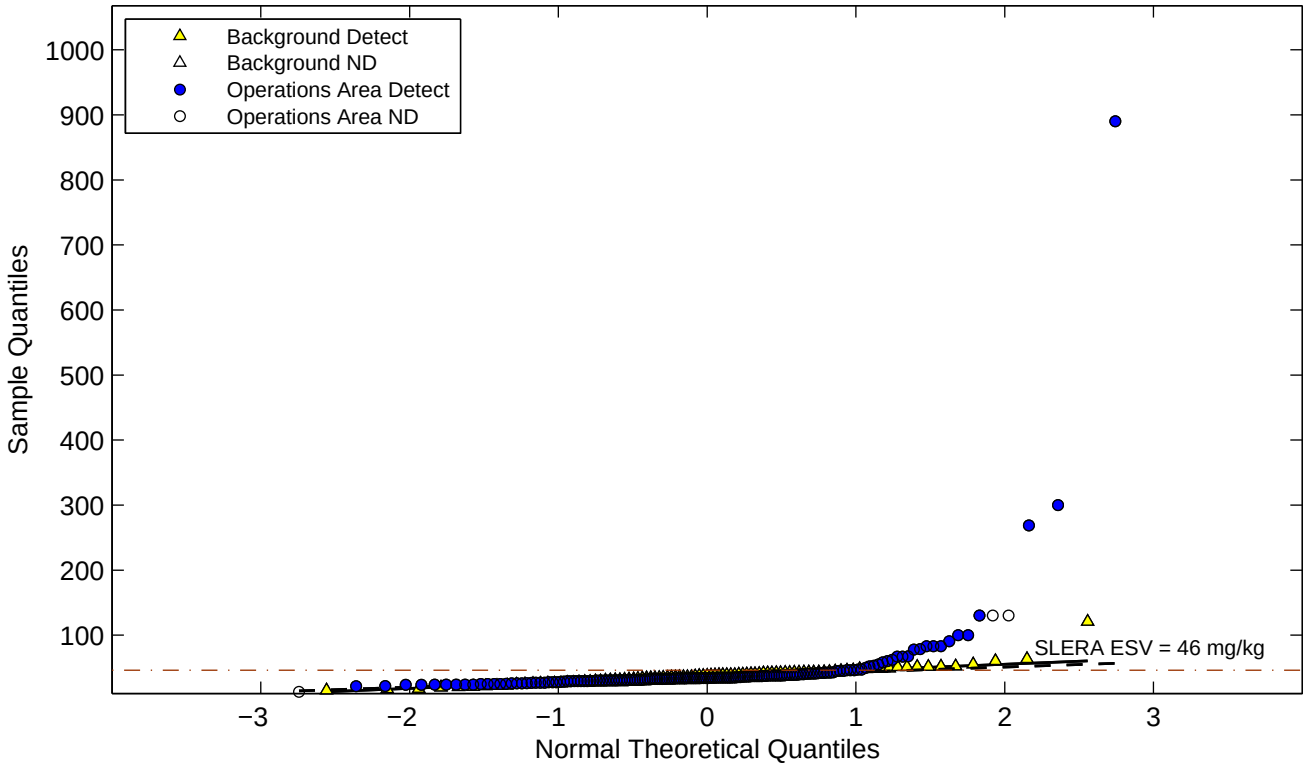


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area)
Zinc



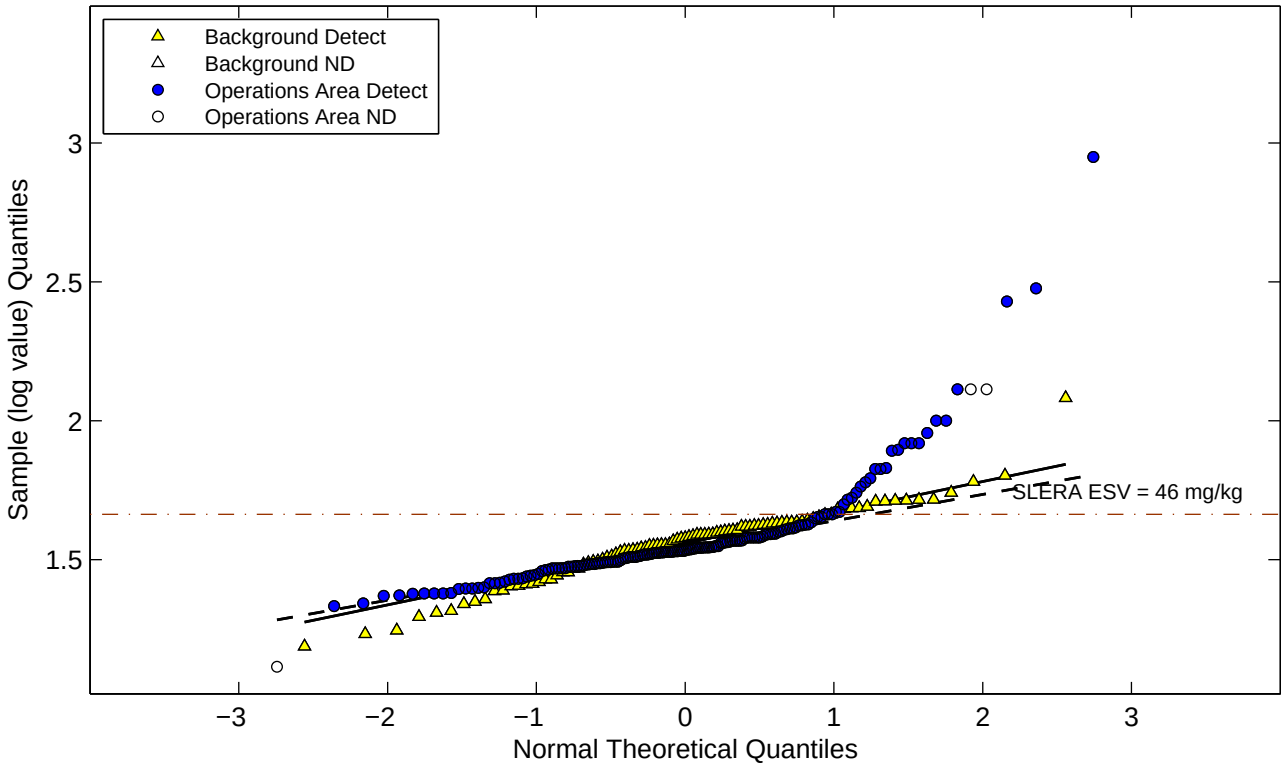
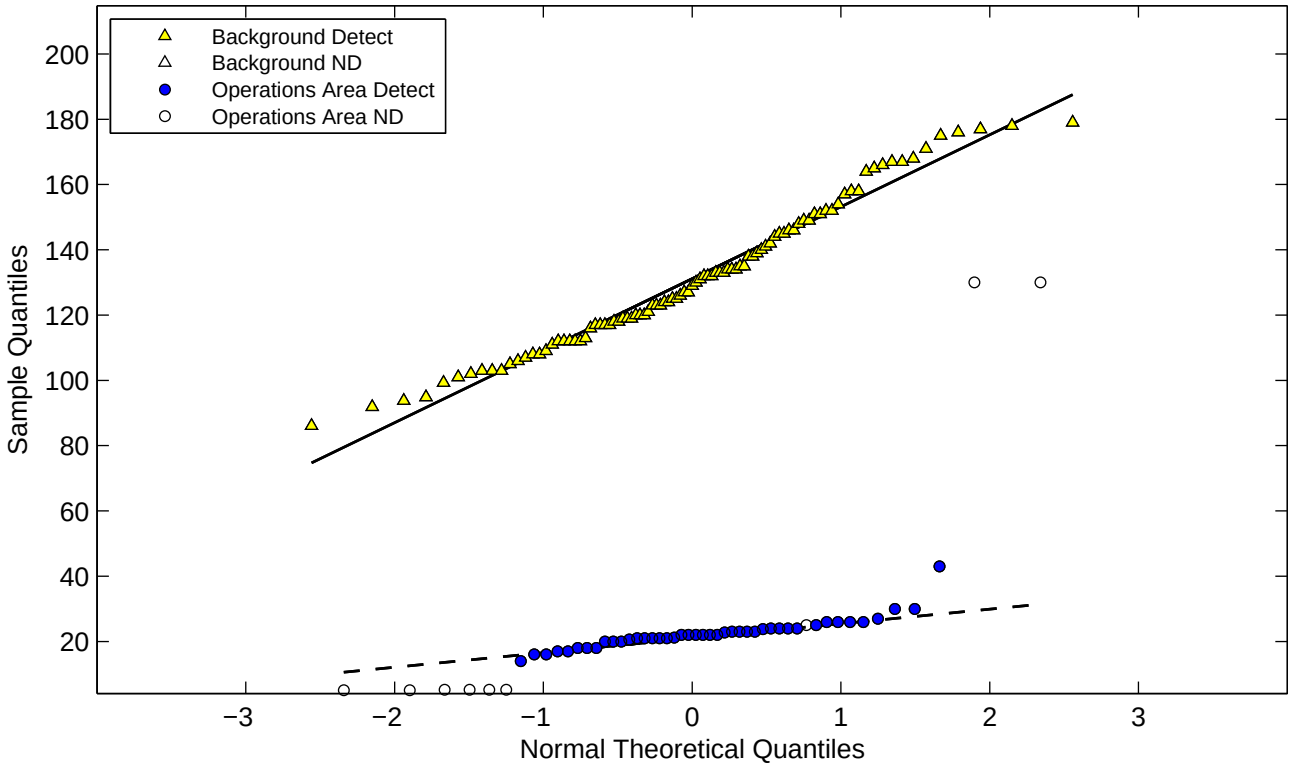


Figure E−2c. Normal and Lognormal Q−Q Plots for Metals (Operations Area) Zirconium



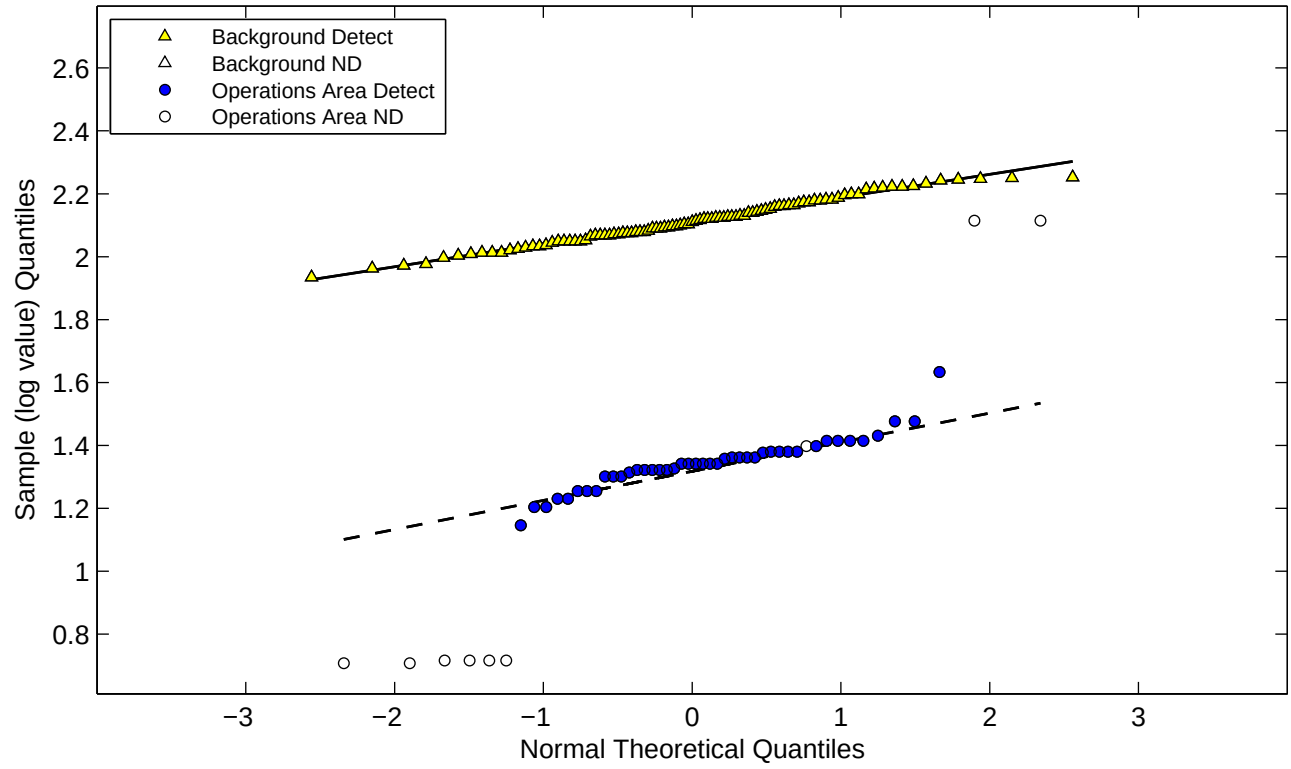
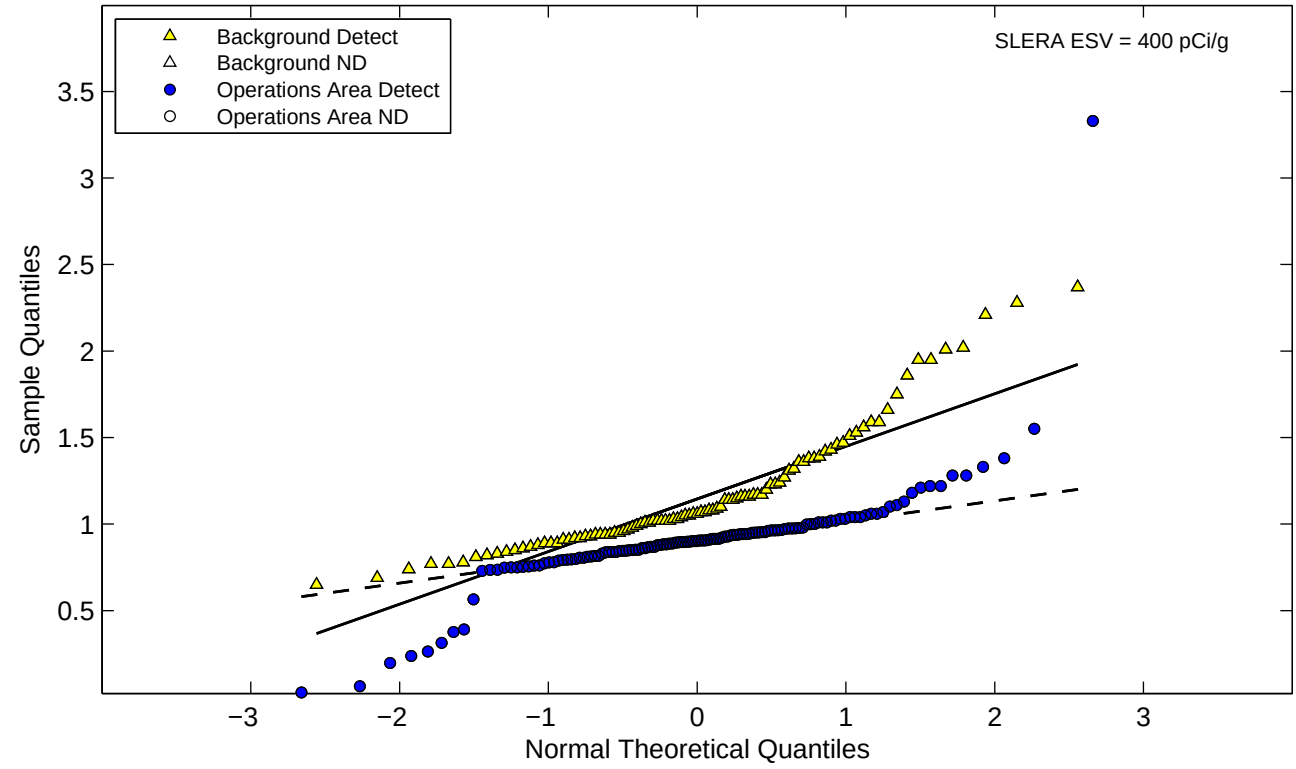


Figure E−2d. Normal and Lognormal Q−Q Plots for Radionuclides (Operations Area) Uranium−238



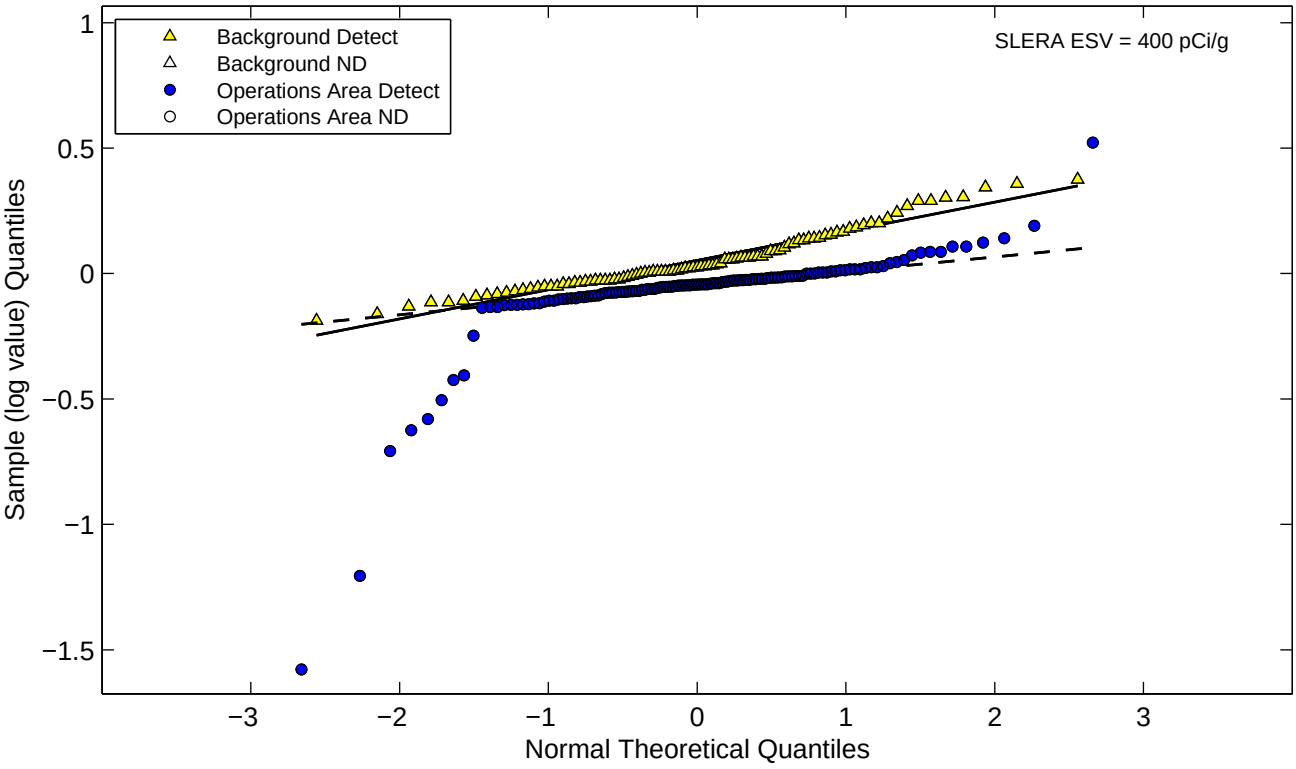
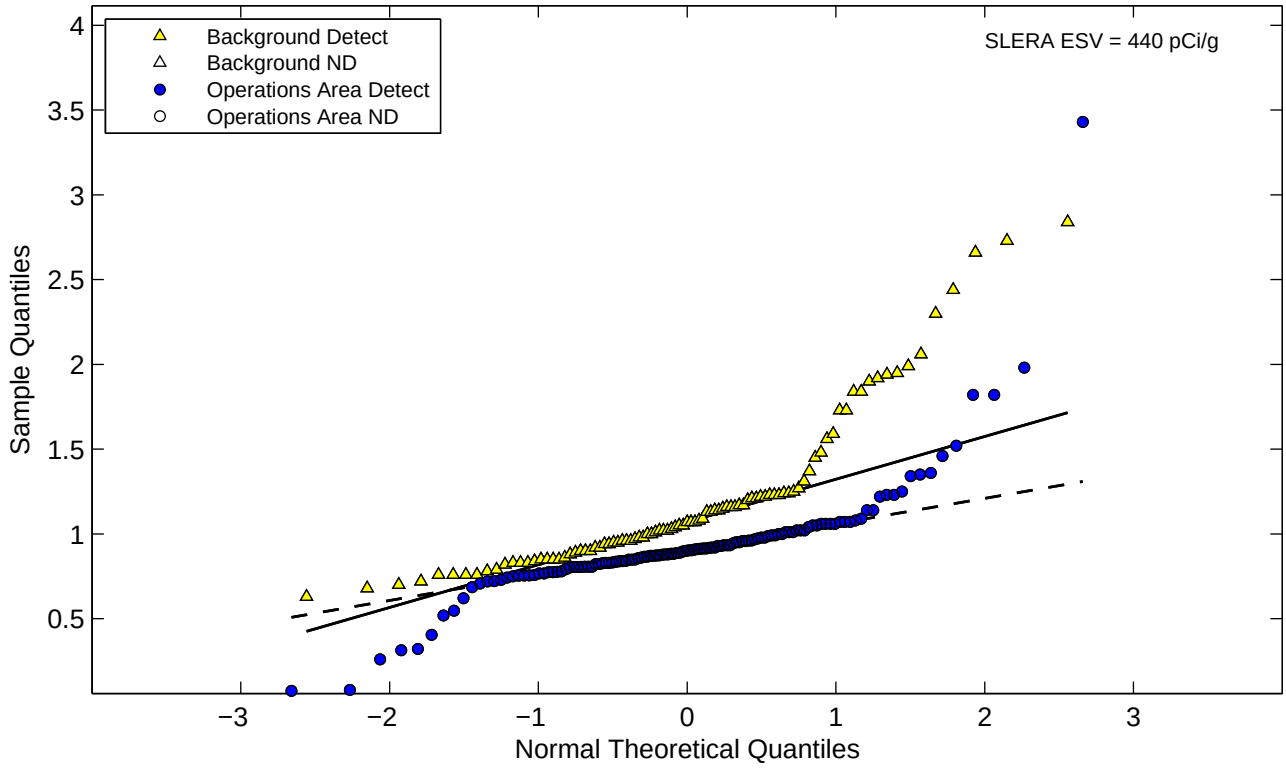


Figure E−2d. Normal and Lognormal Q−Q Plots for Radionuclides (Operations Area) Uranium−234



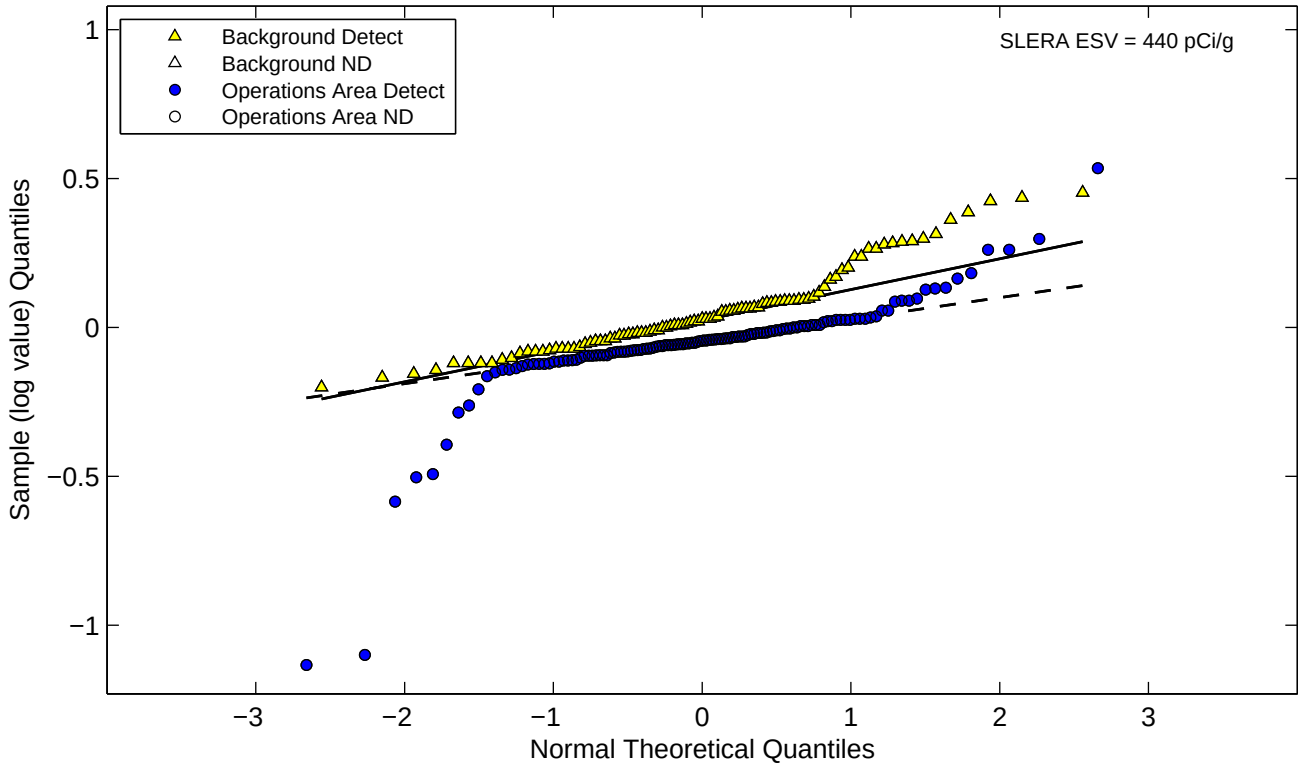
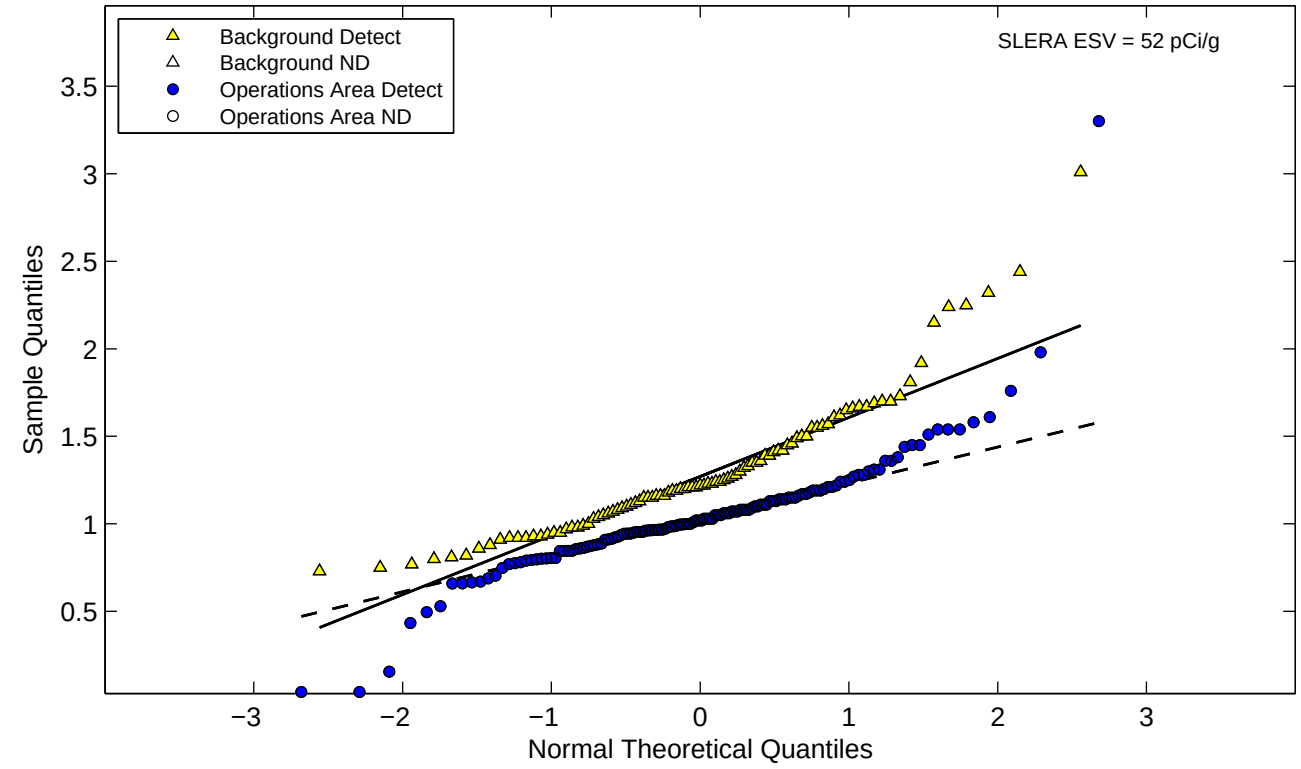


Figure E−2d. Normal and Lognormal Q−Q Plots for Radionuclides (Operations Area) Thorium−230



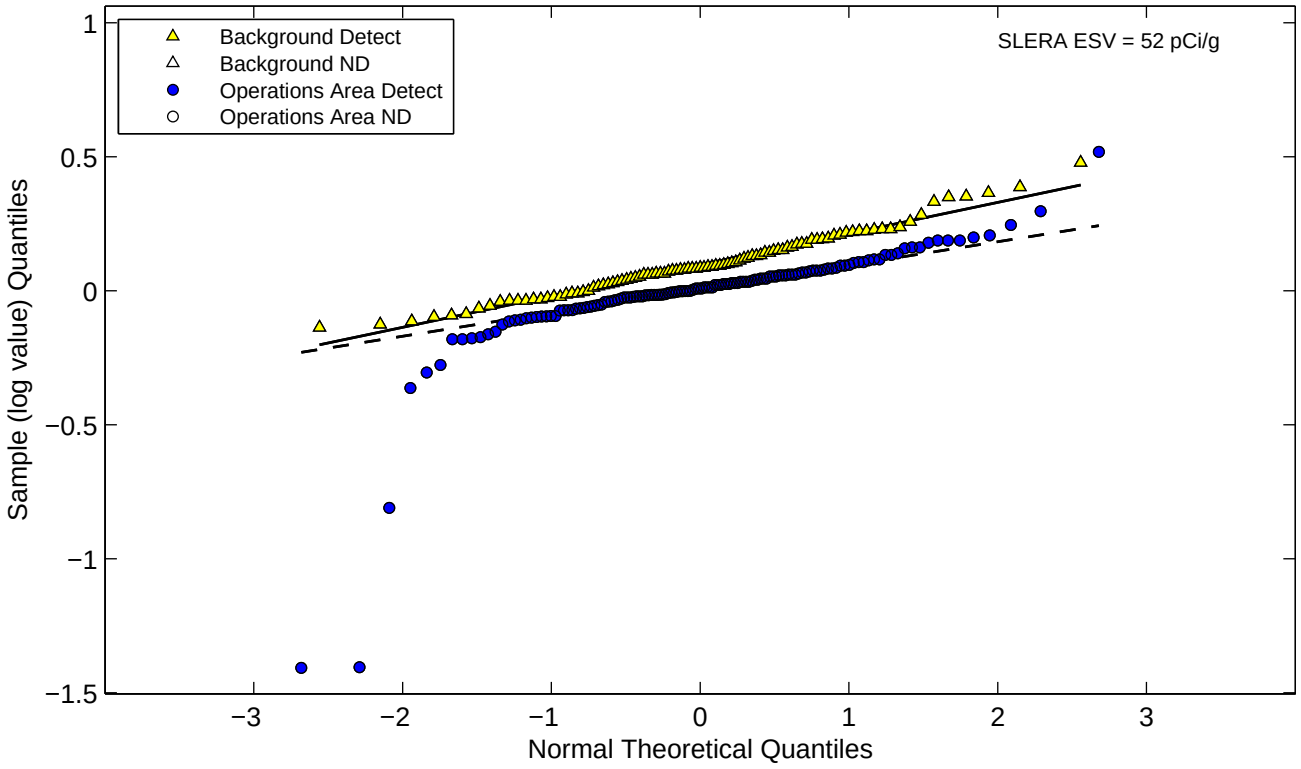
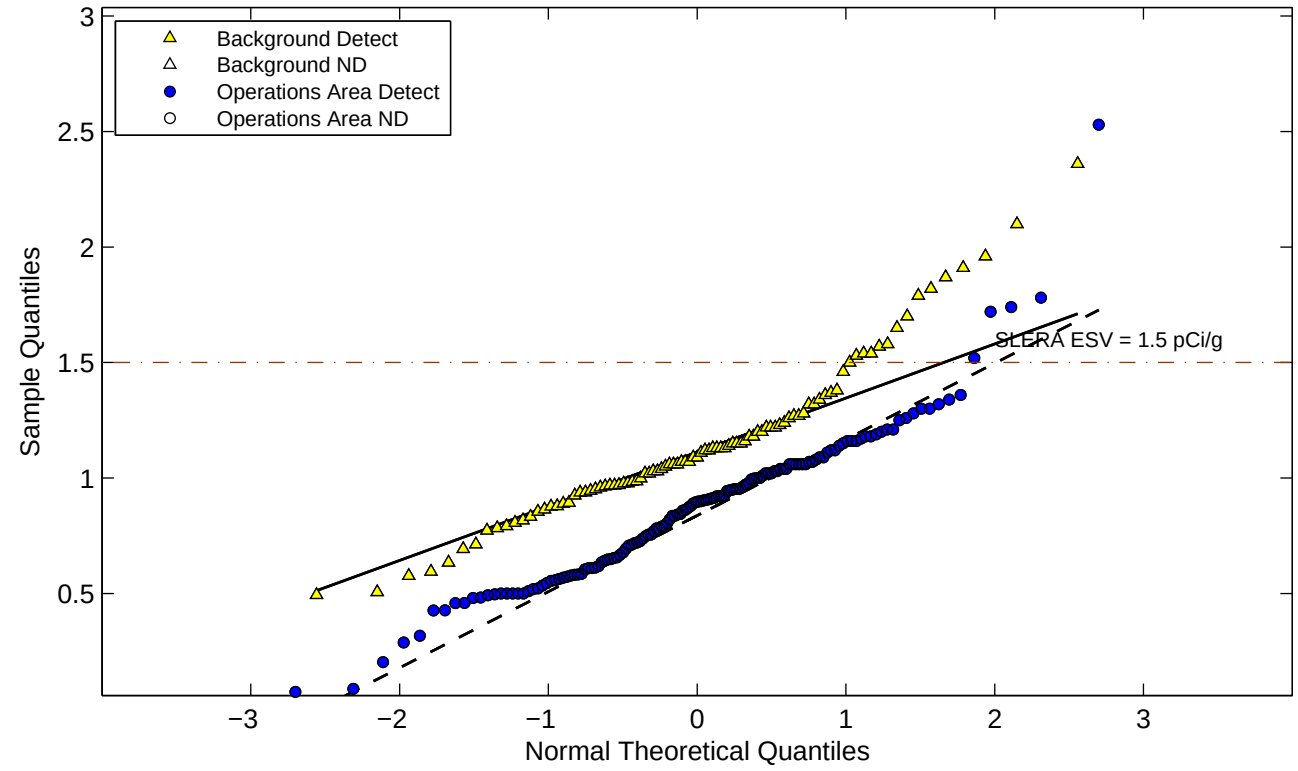


Figure E−2d. Normal and Lognormal Q−Q Plots for Radionuclides (Operations Area) Radium−226



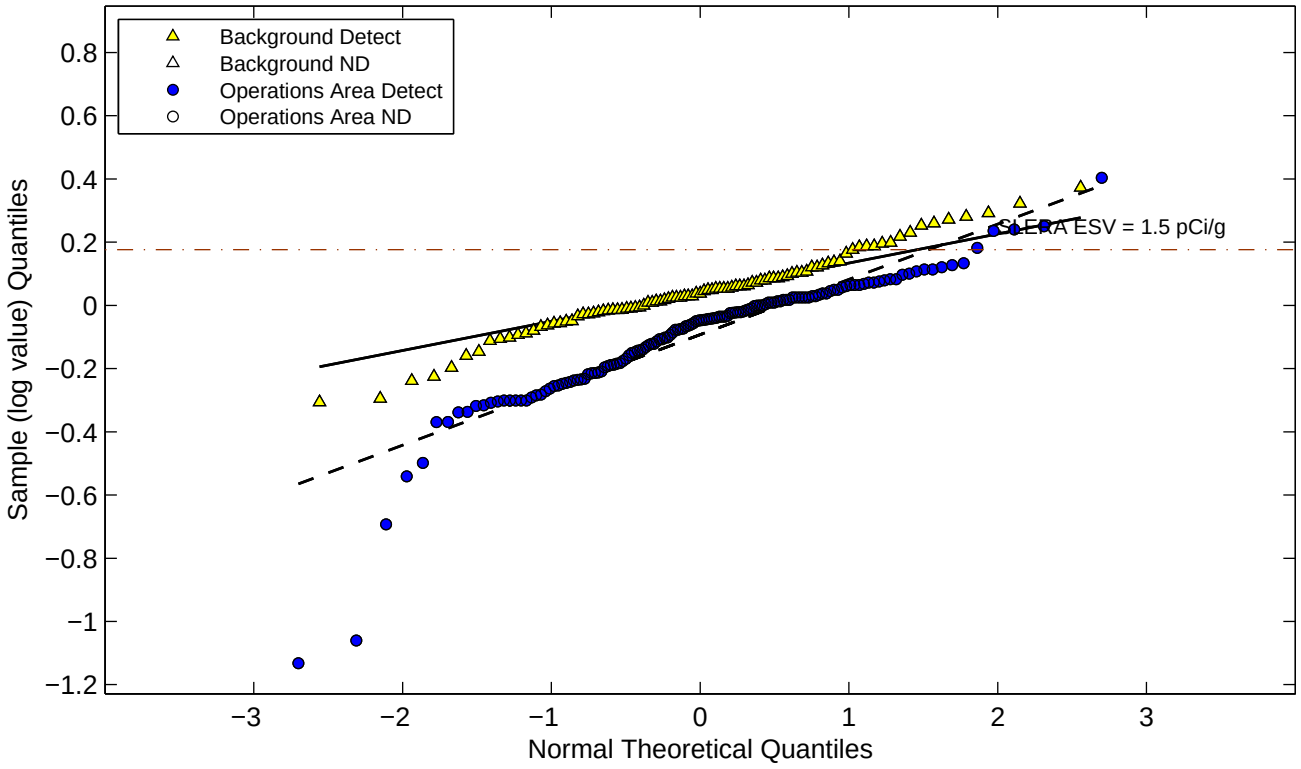
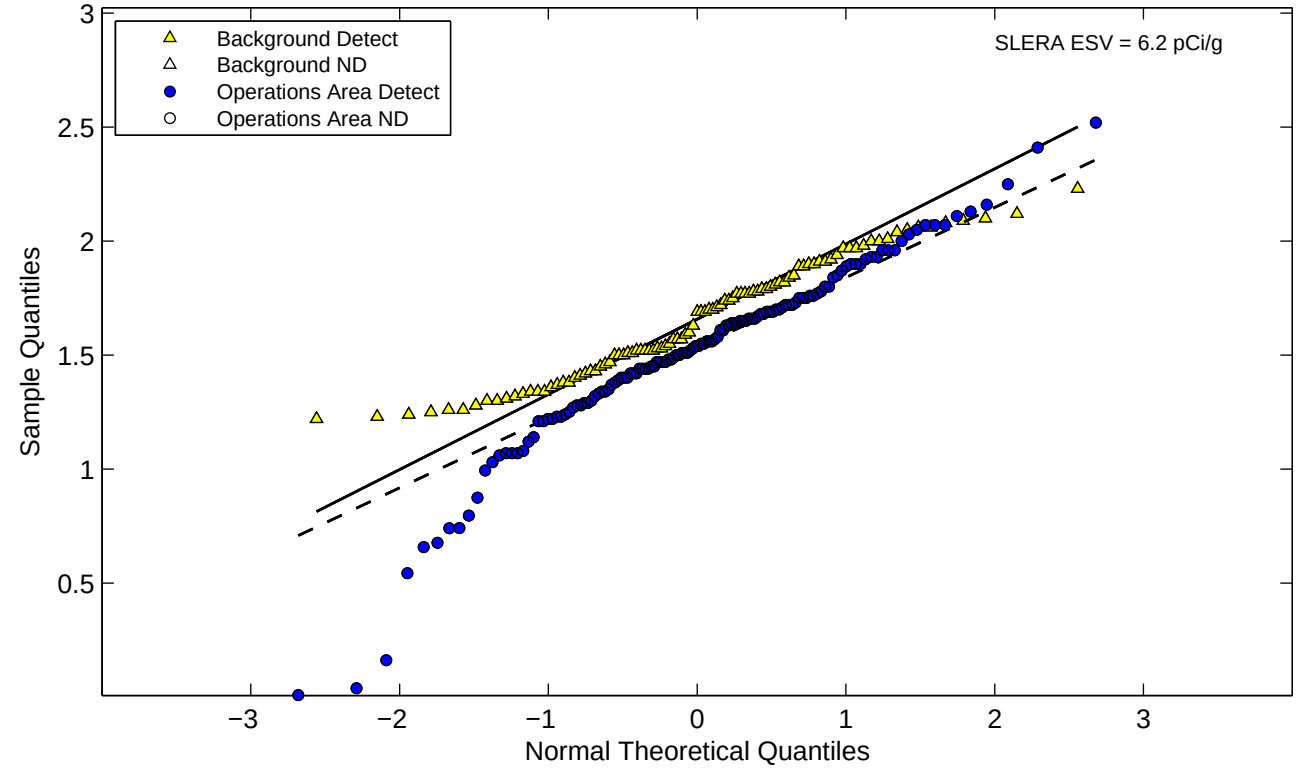


Figure E−2d. Normal and Lognormal Q−Q Plots for Radionuclides (Operations Area) Thorium−232



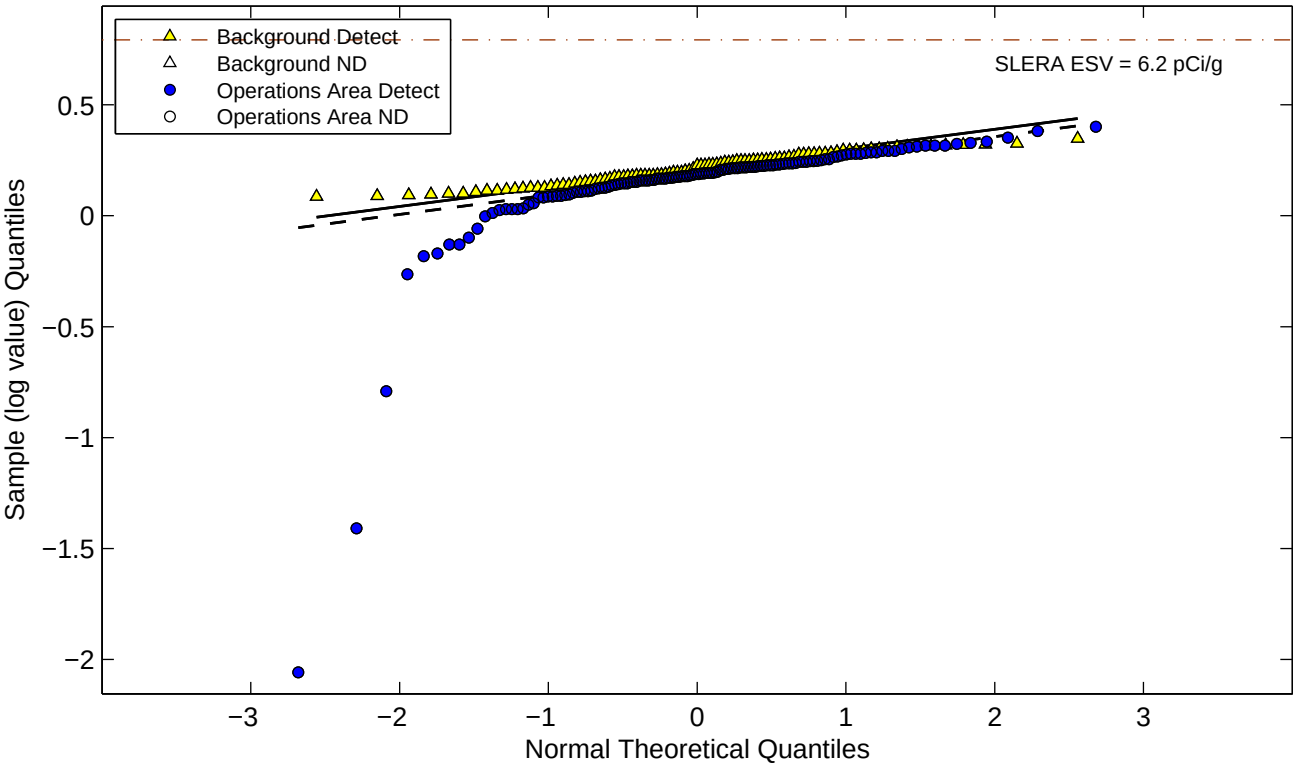
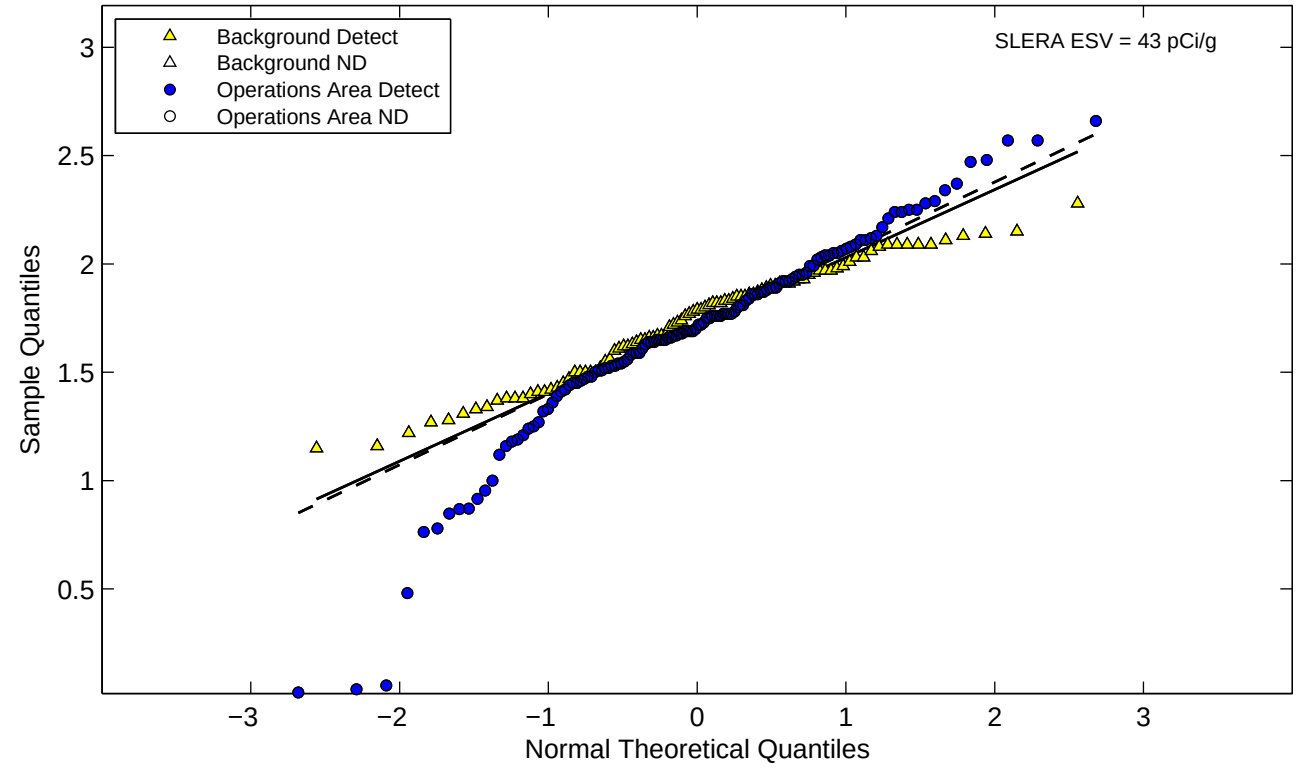


Figure E−2d. Normal and Lognormal Q−Q Plots for Radionuclides (Operations Area) Thorium−228



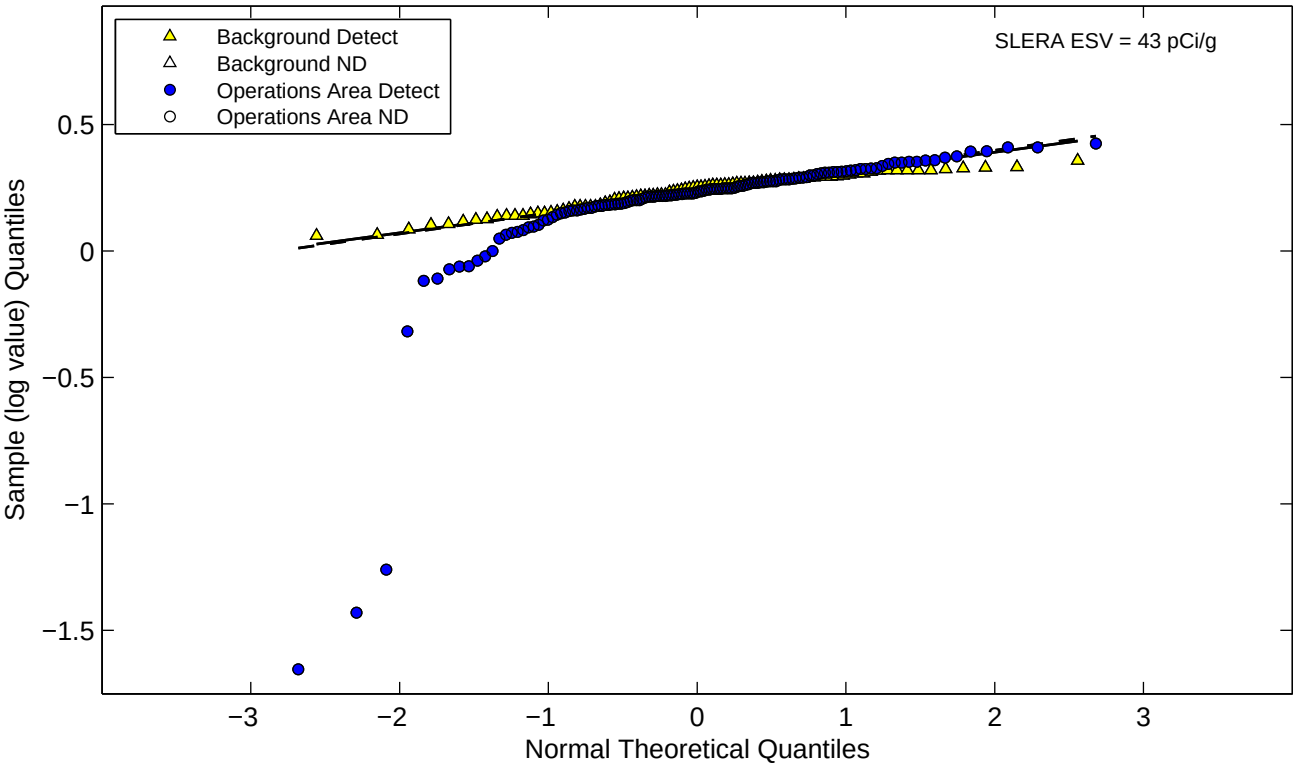
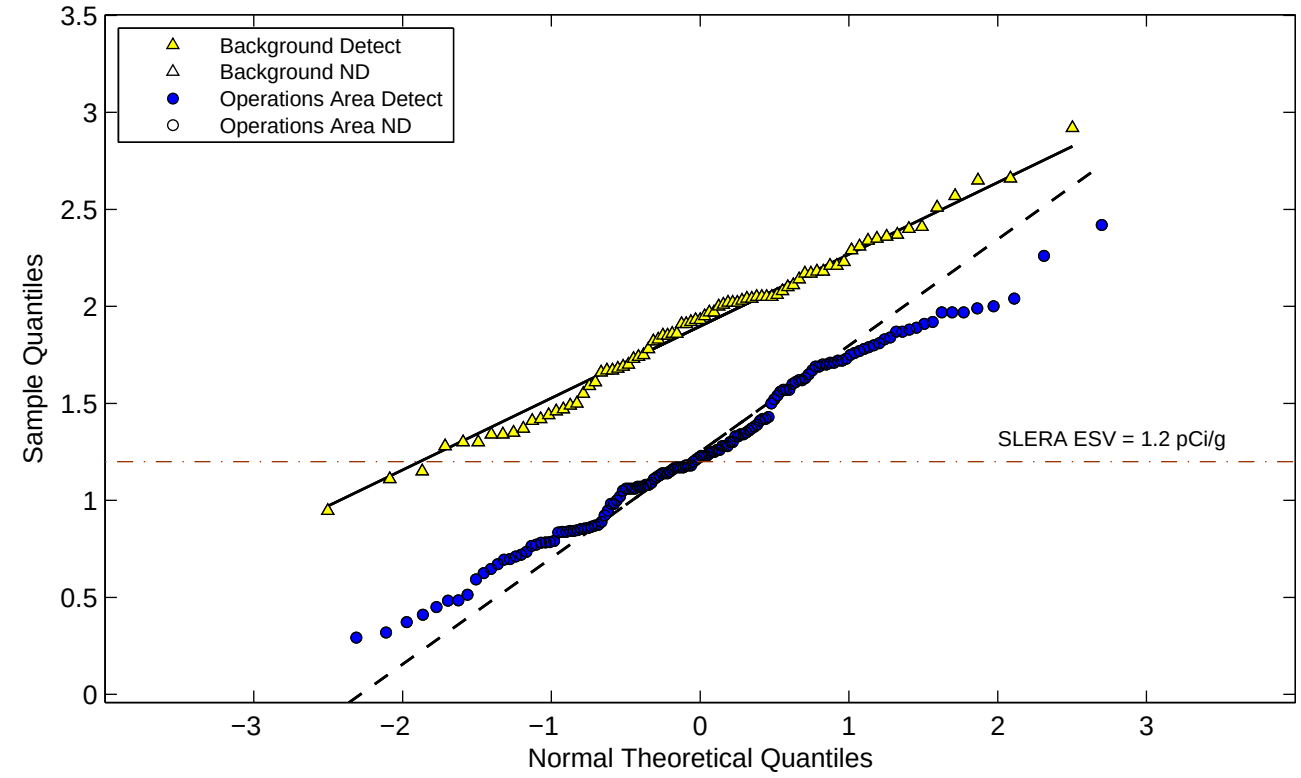


Figure E−2d. Normal and Lognormal Q−Q Plots for Radionuclides (Operations Area) Radium−228



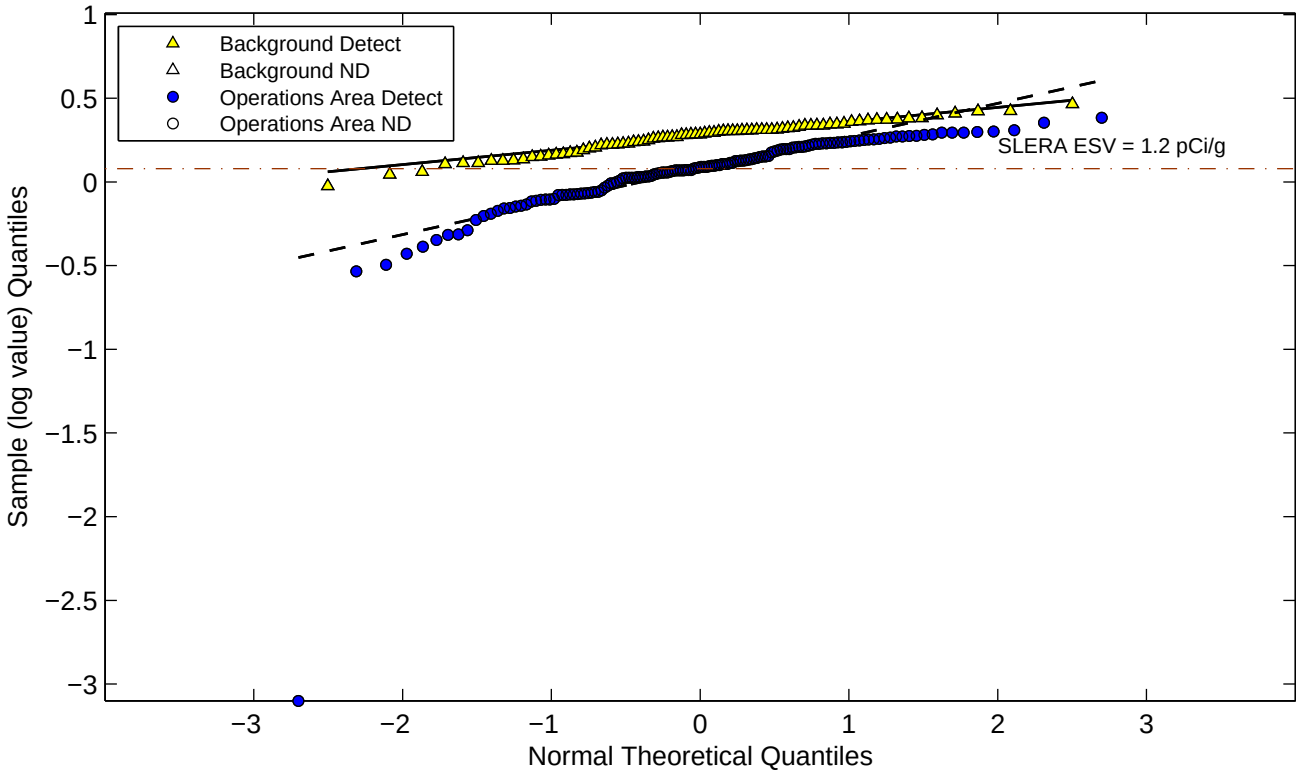
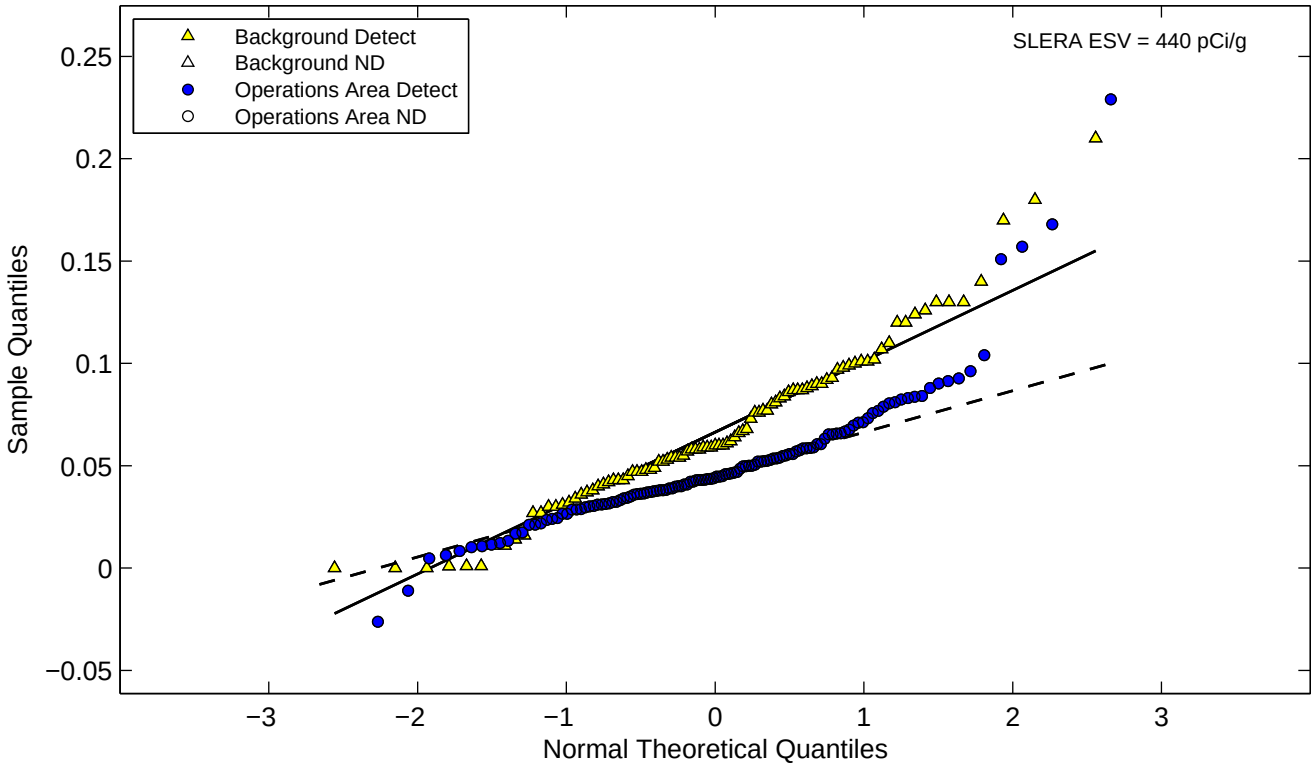


Figure E−2d. Normal and Lognormal Q−Q Plots for Radionuclides (Operations Area) Uranium−235



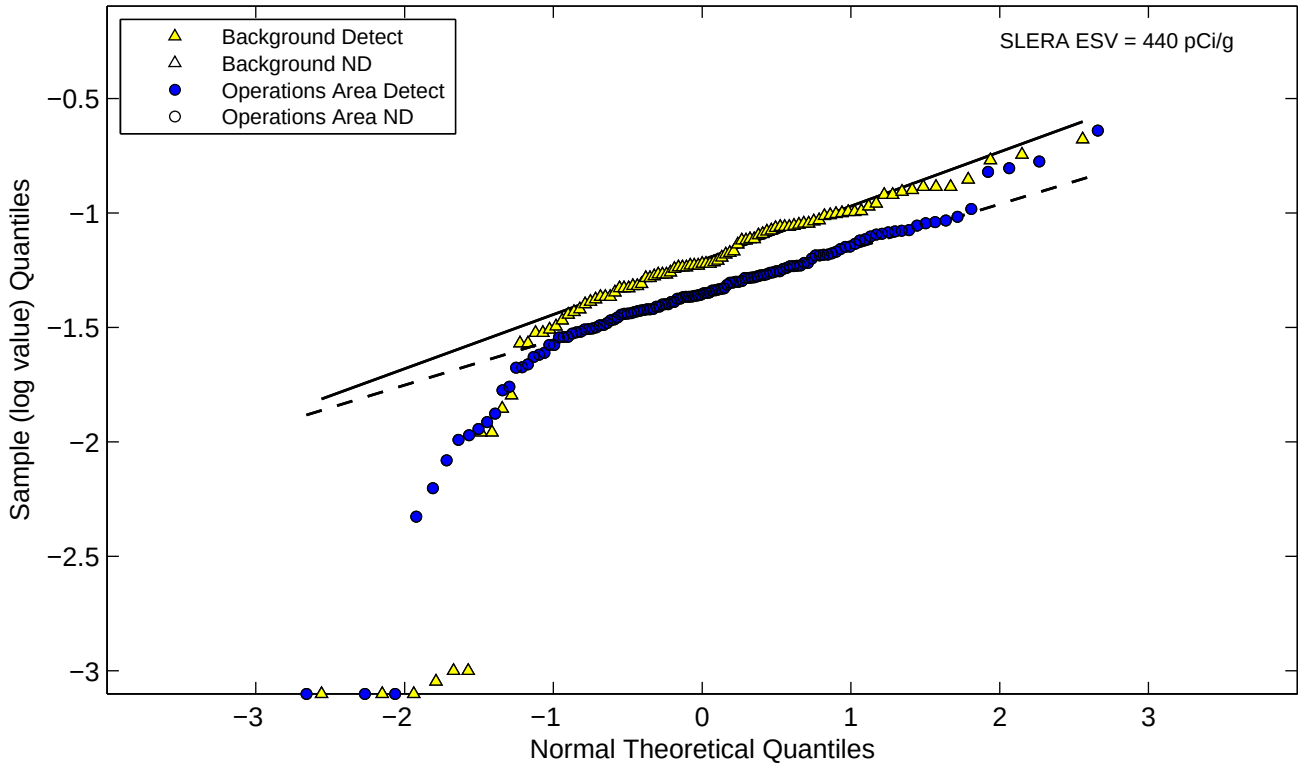
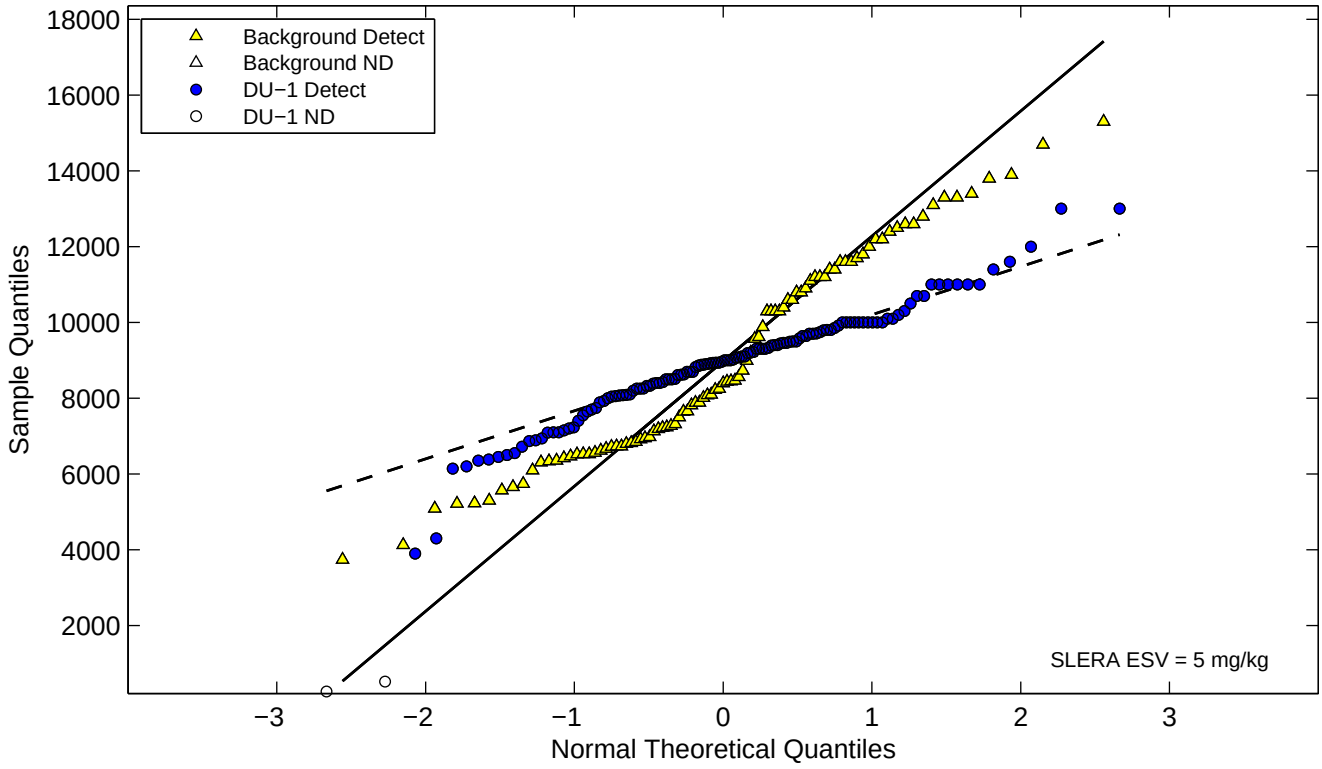


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1)
Aluminum



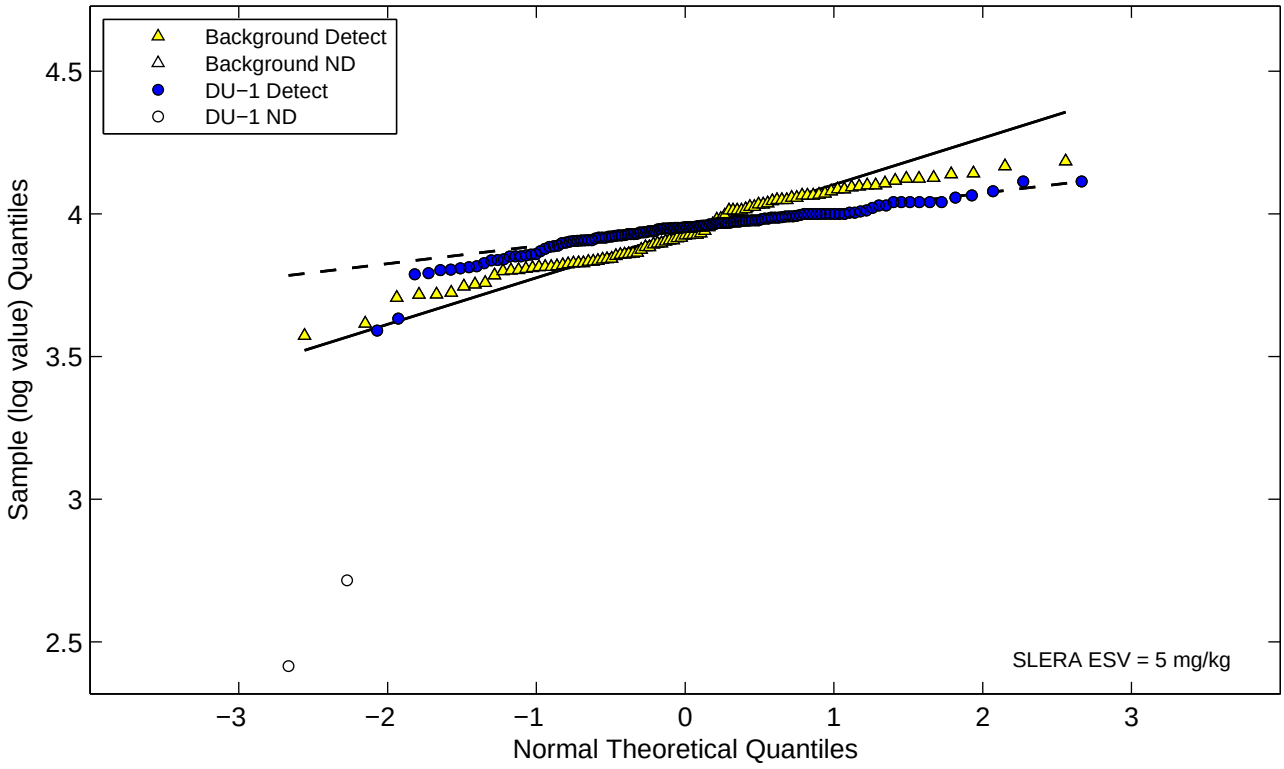
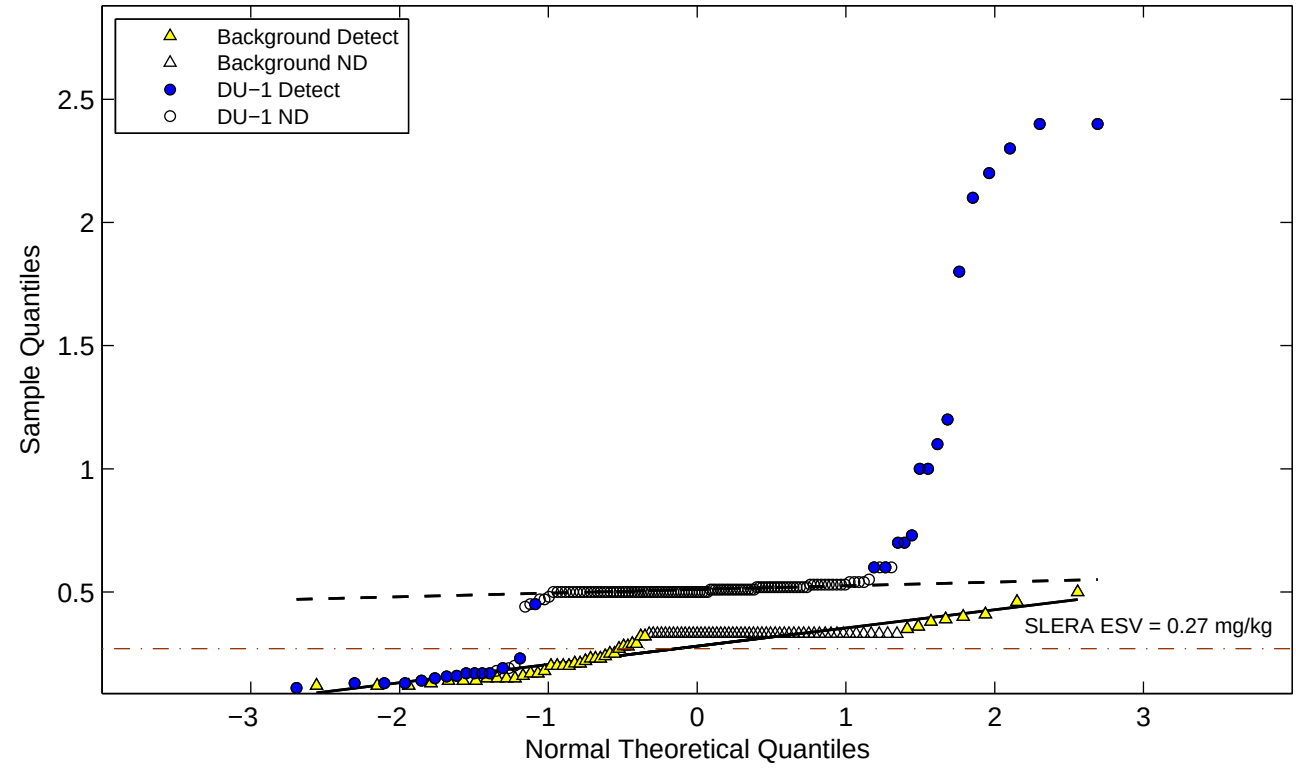


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1)
Antimony



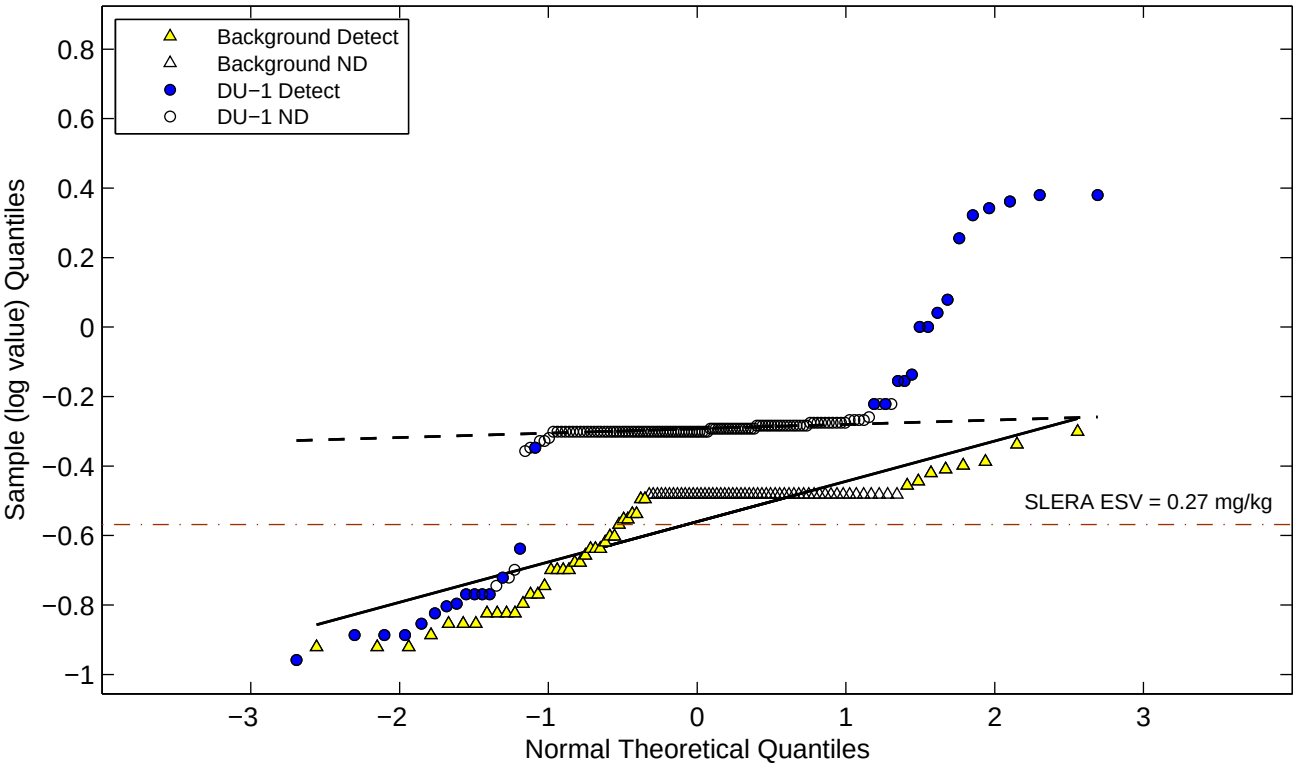
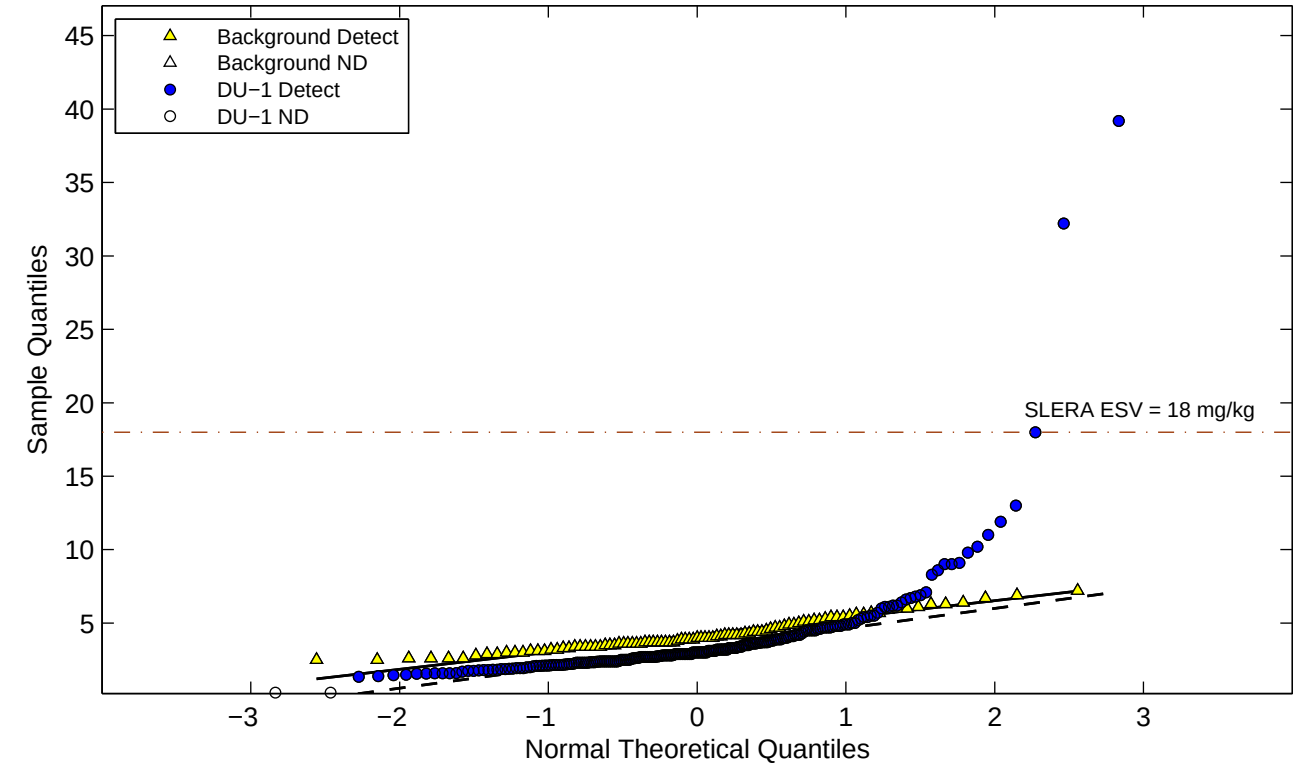


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1)
Arsenic



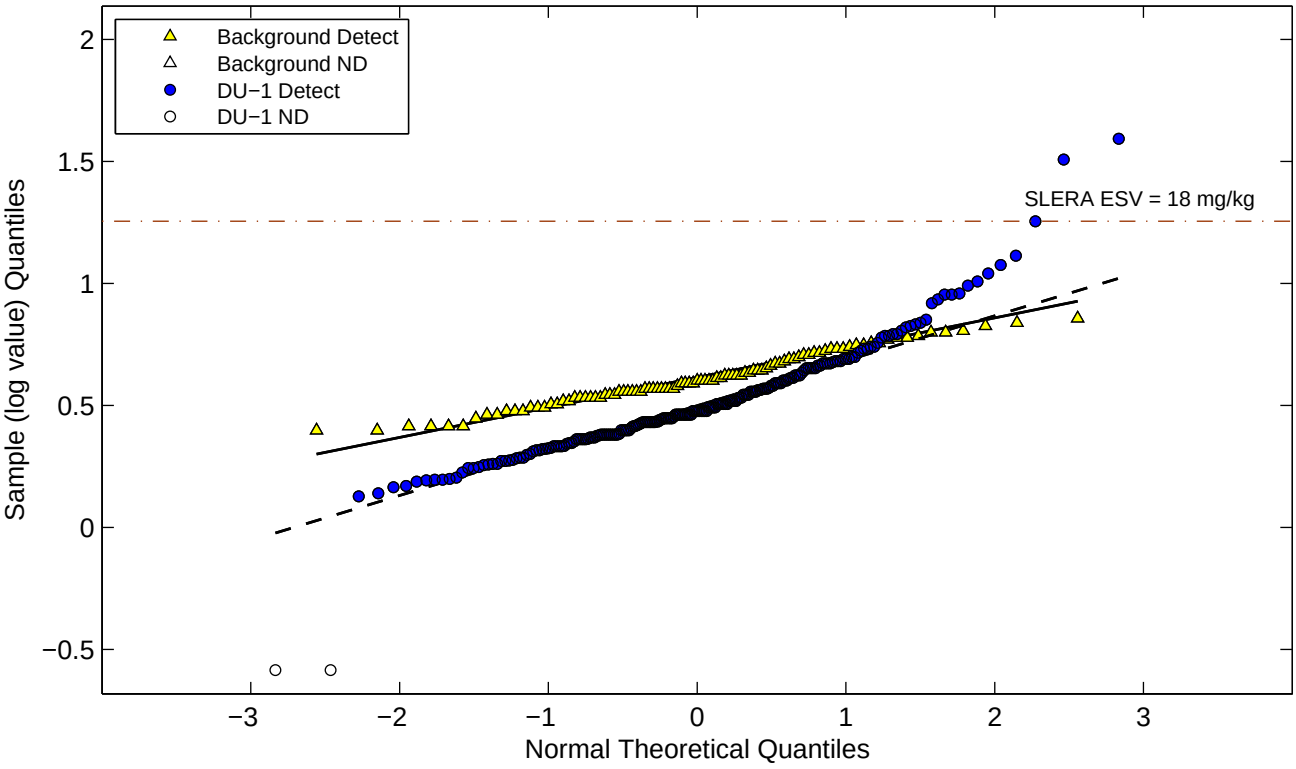
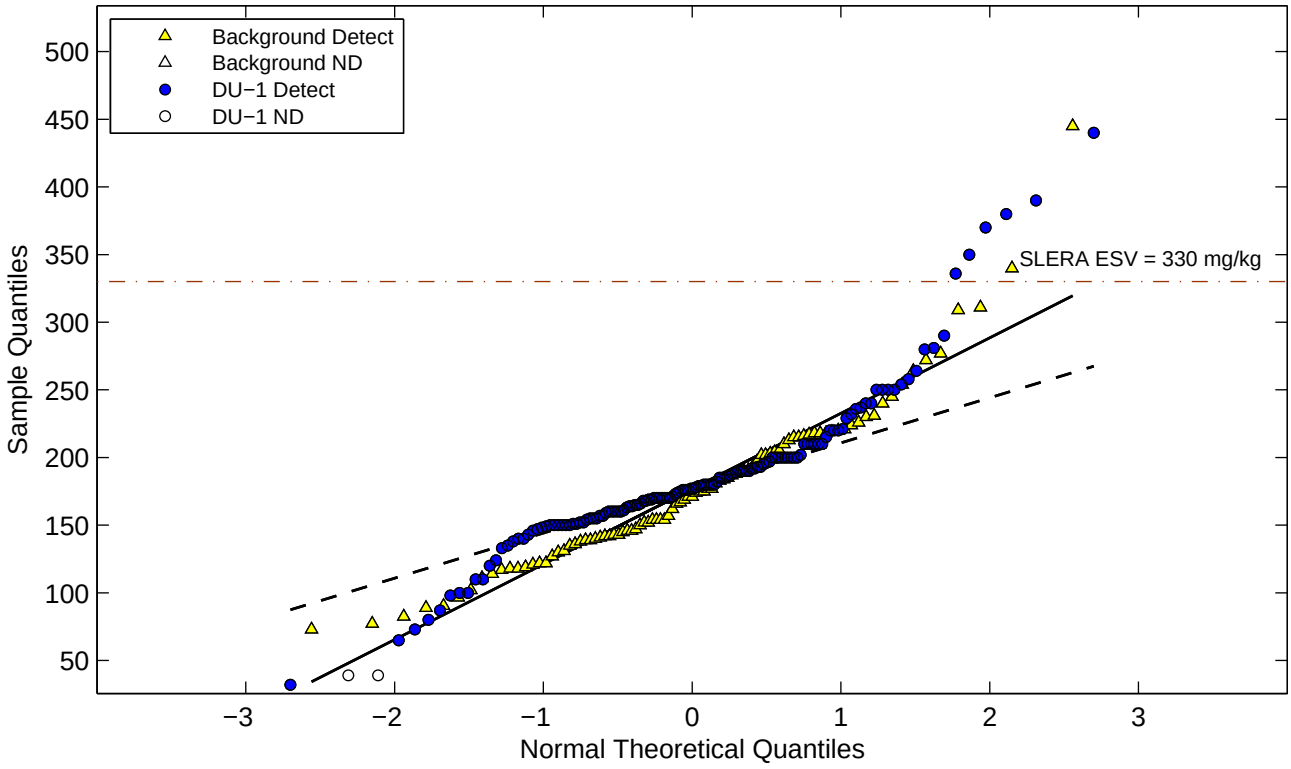


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1)
Barium



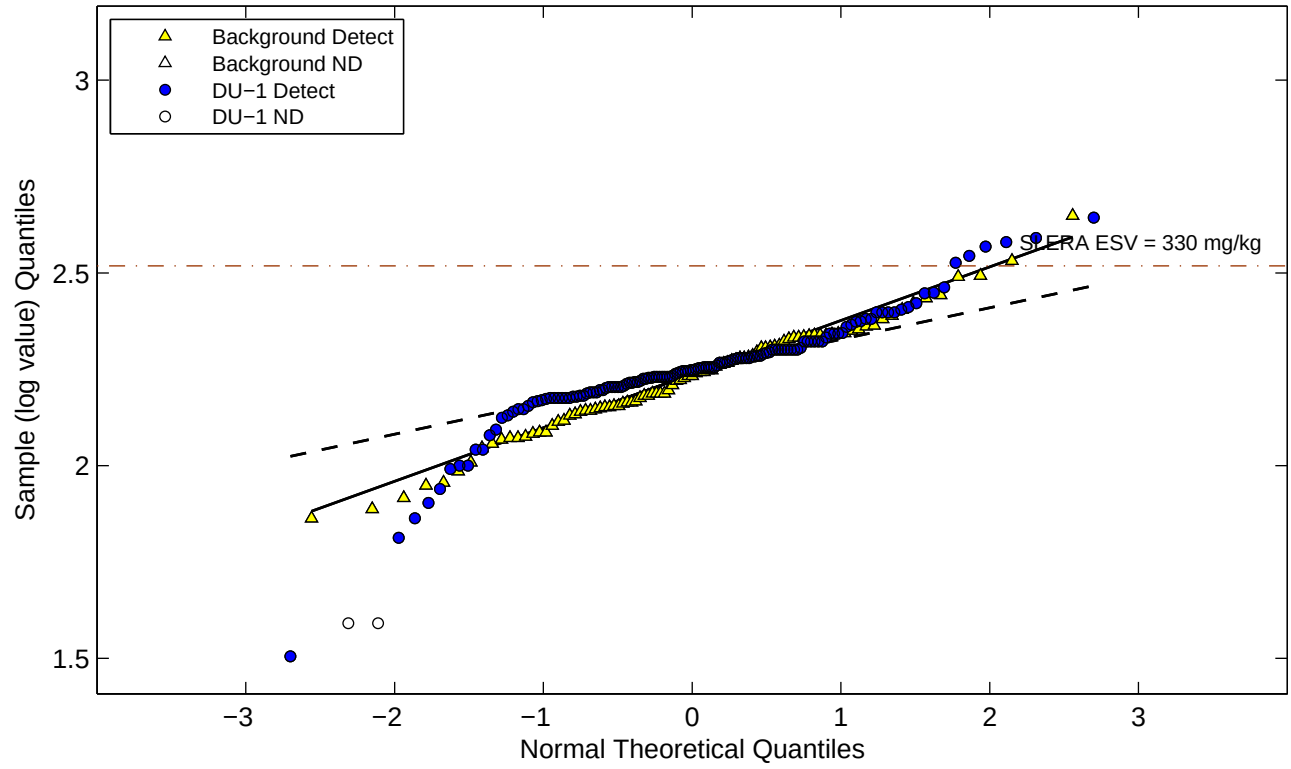
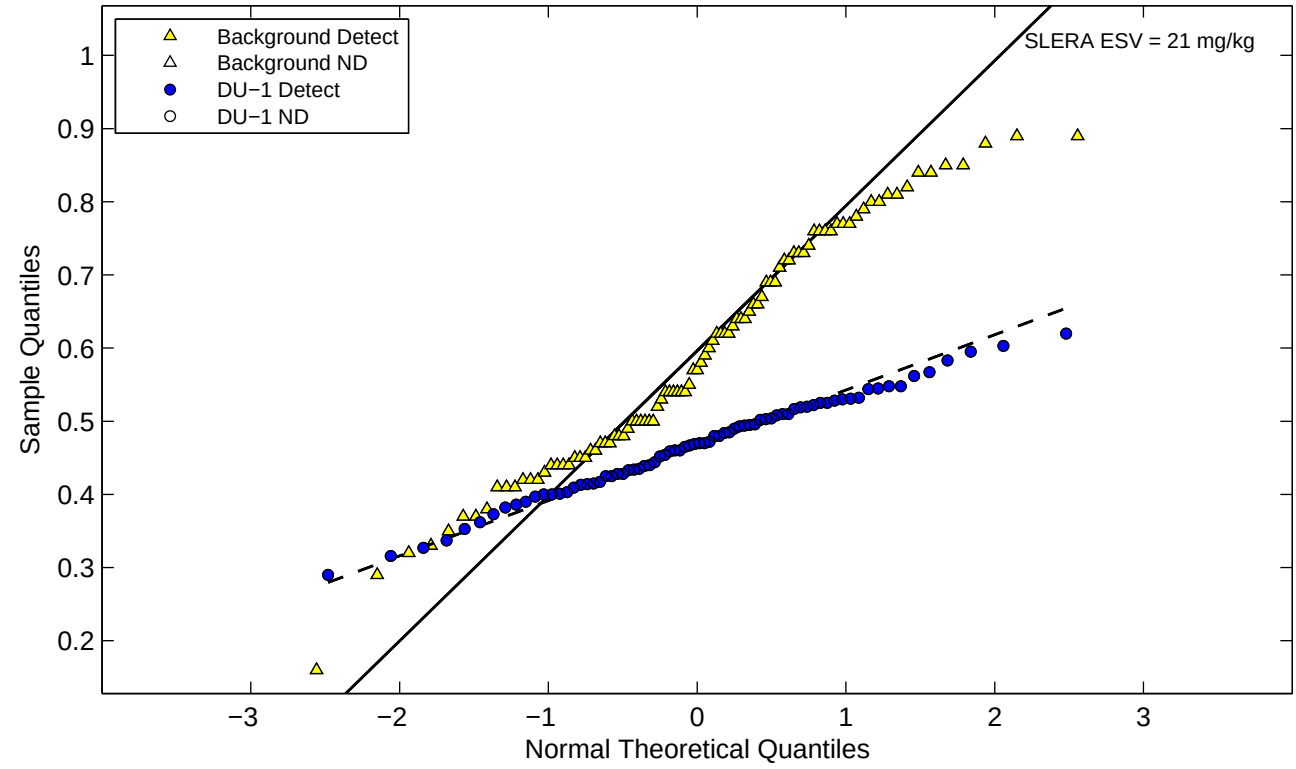


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1) Beryllium



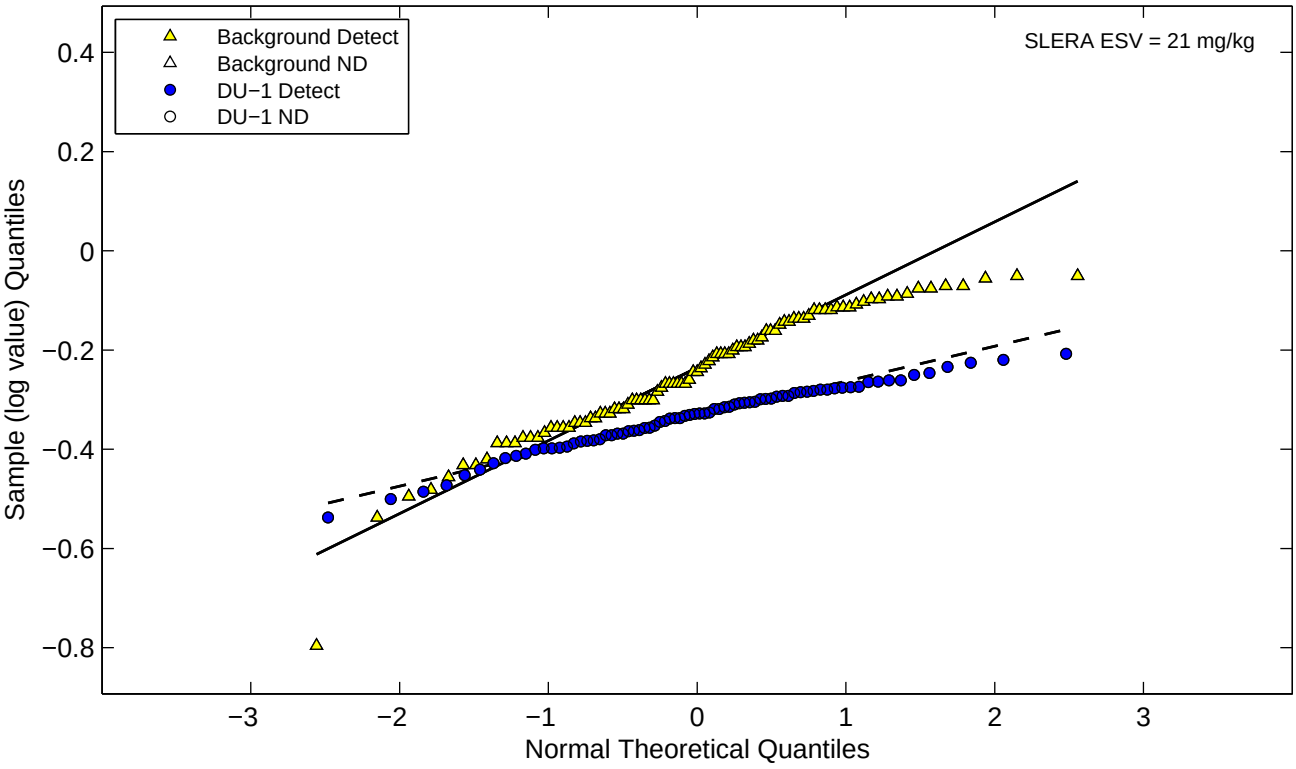
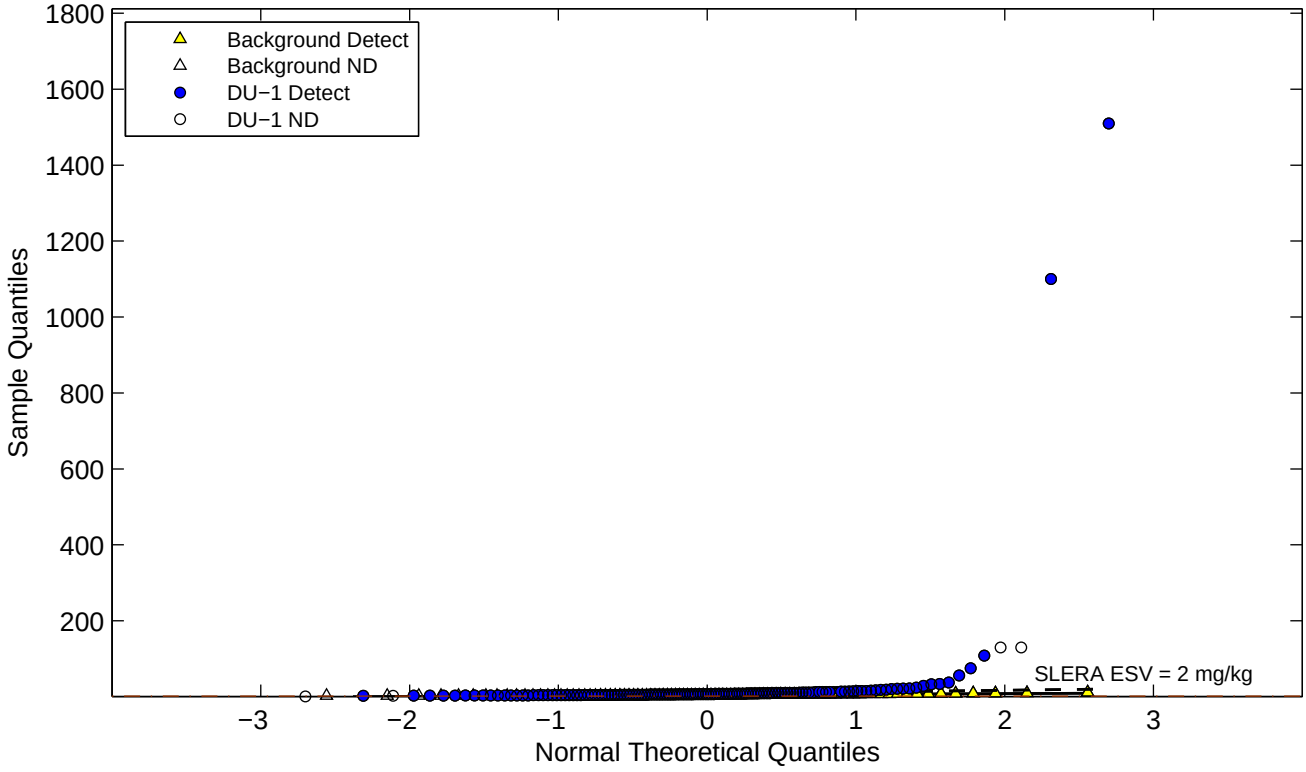


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1)
Boron



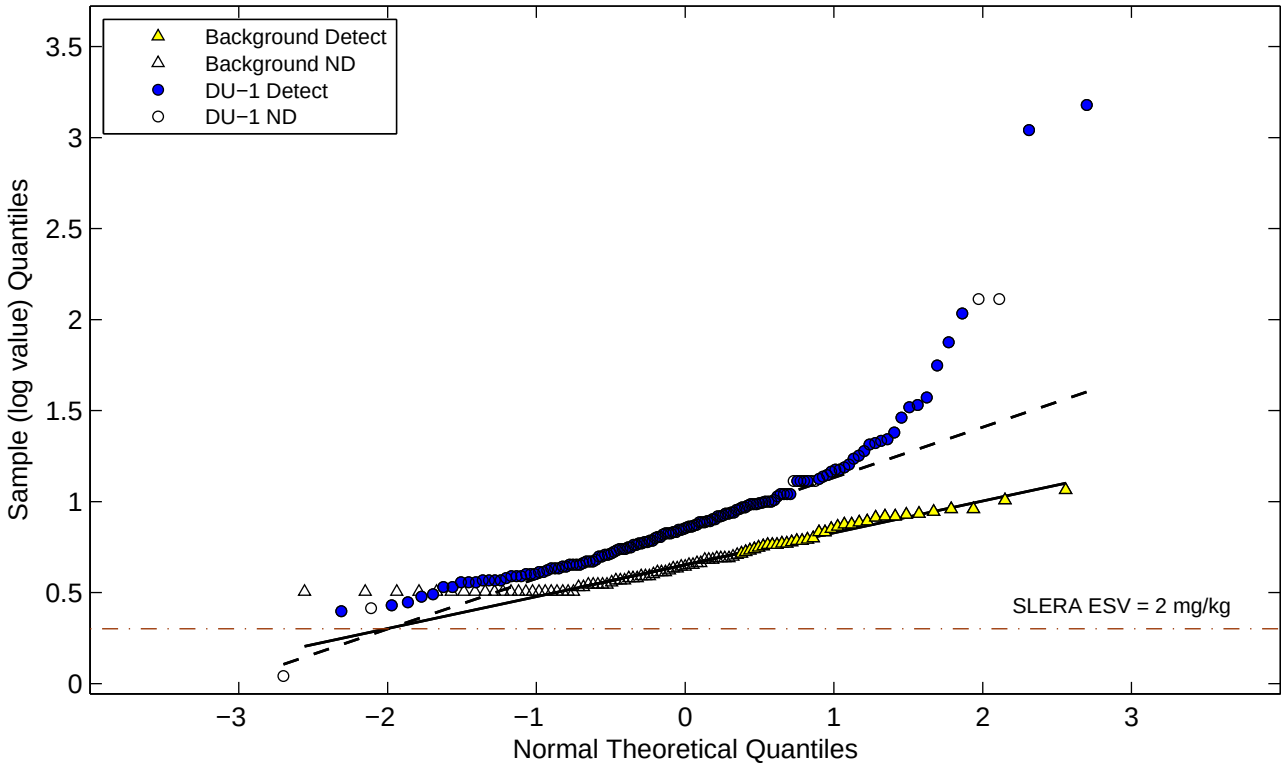
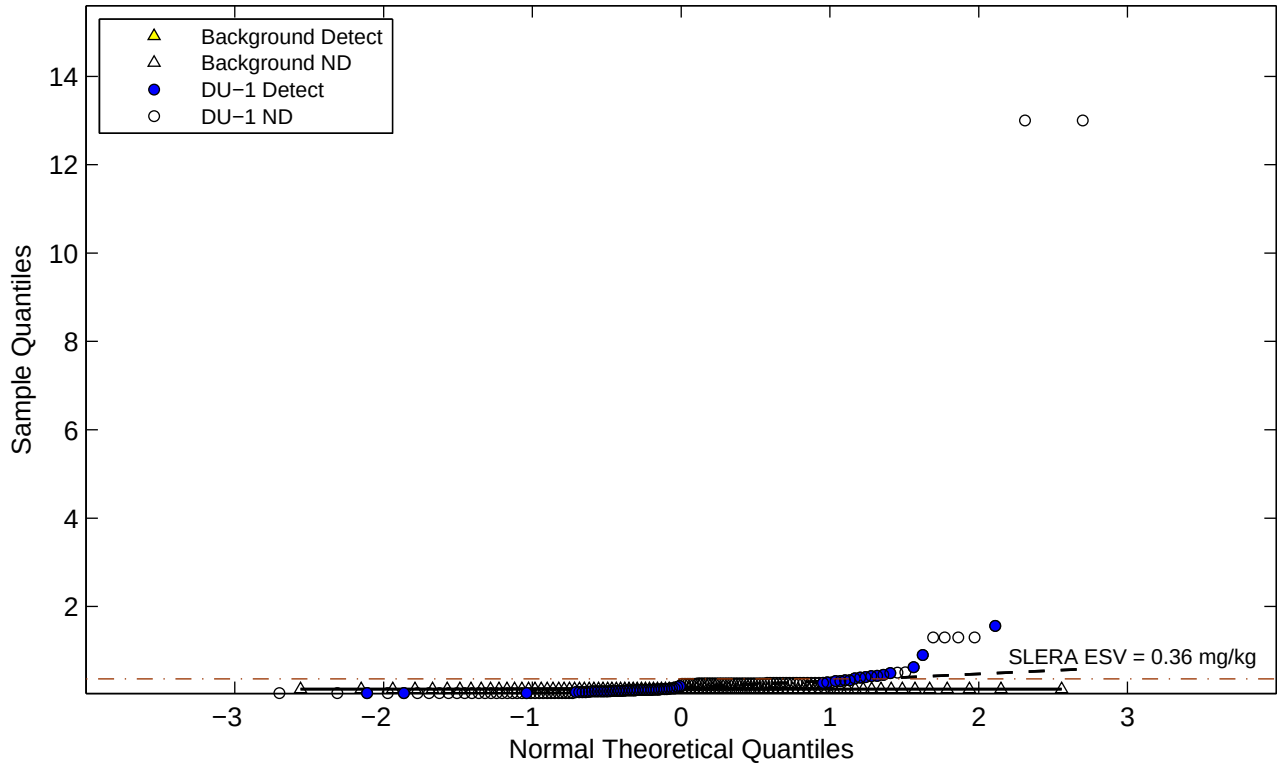


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1) Cadmium



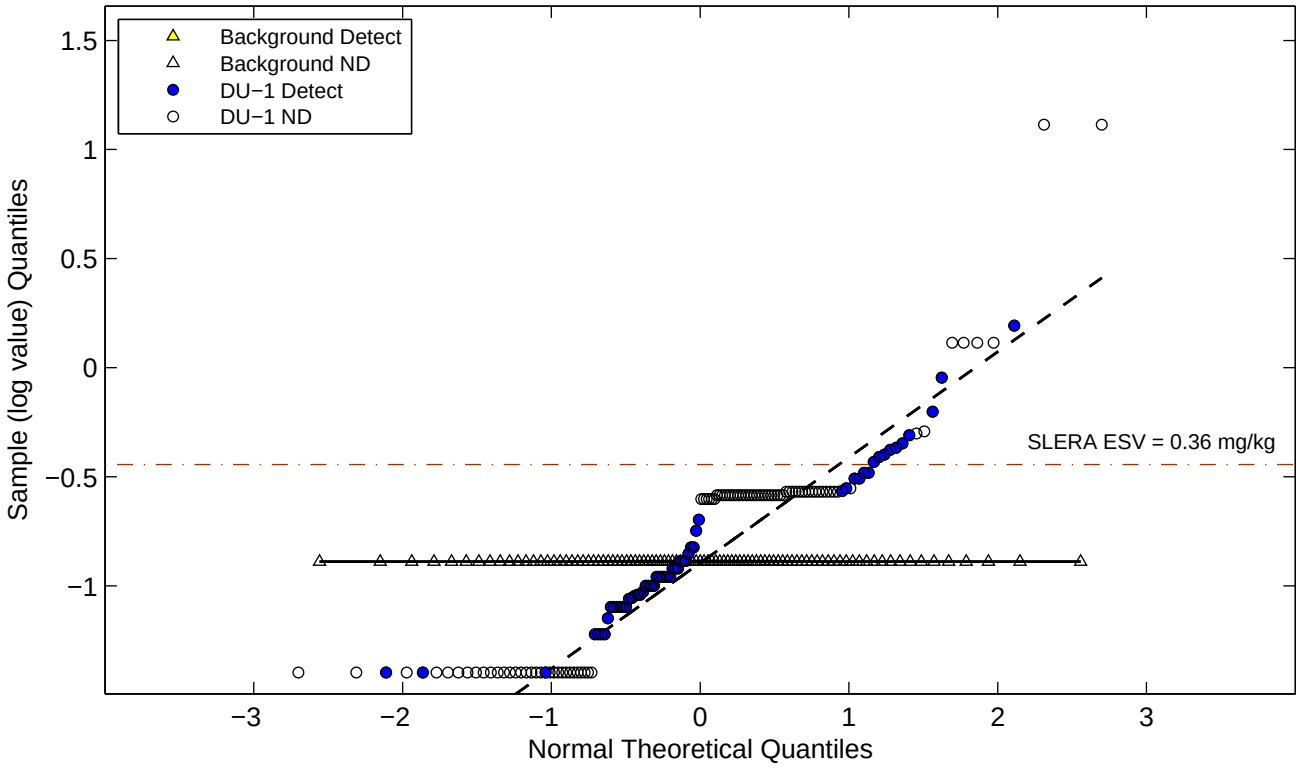
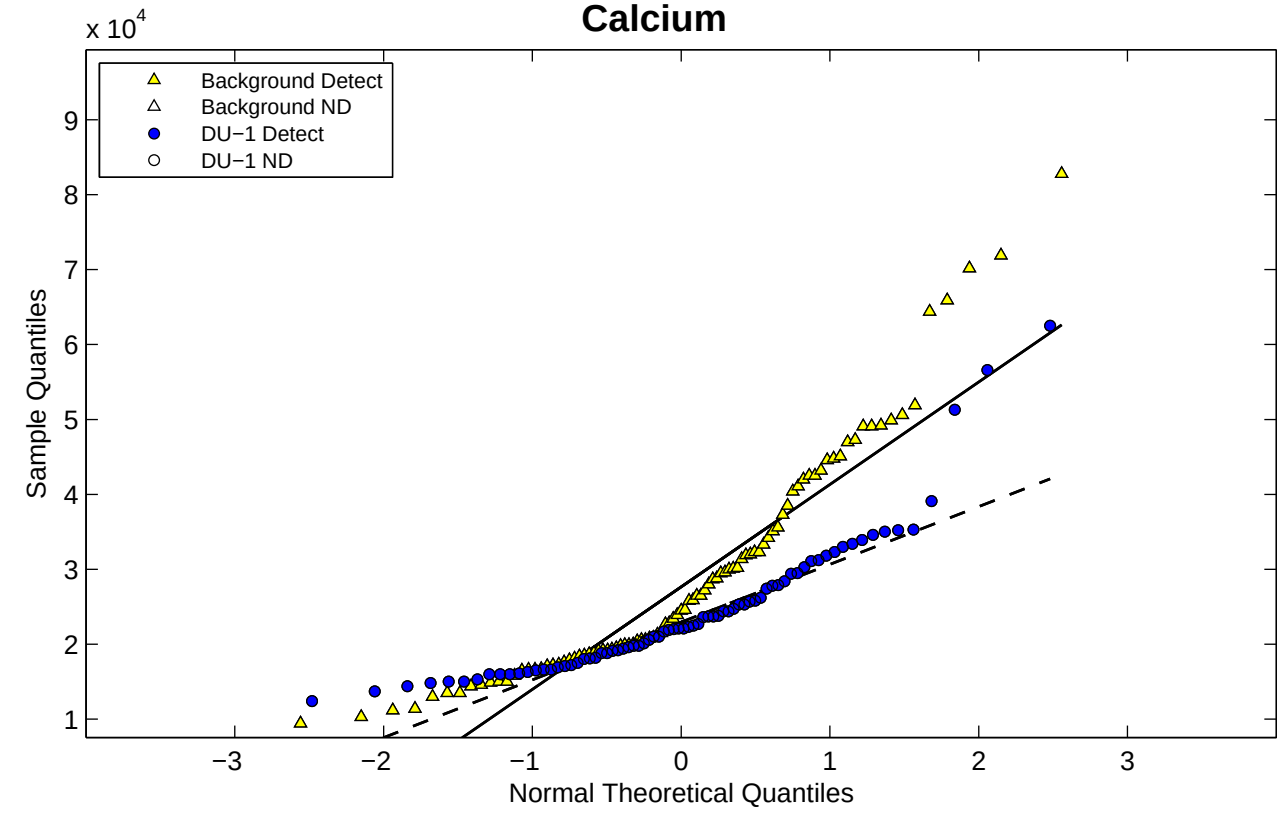


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1)

Calcium



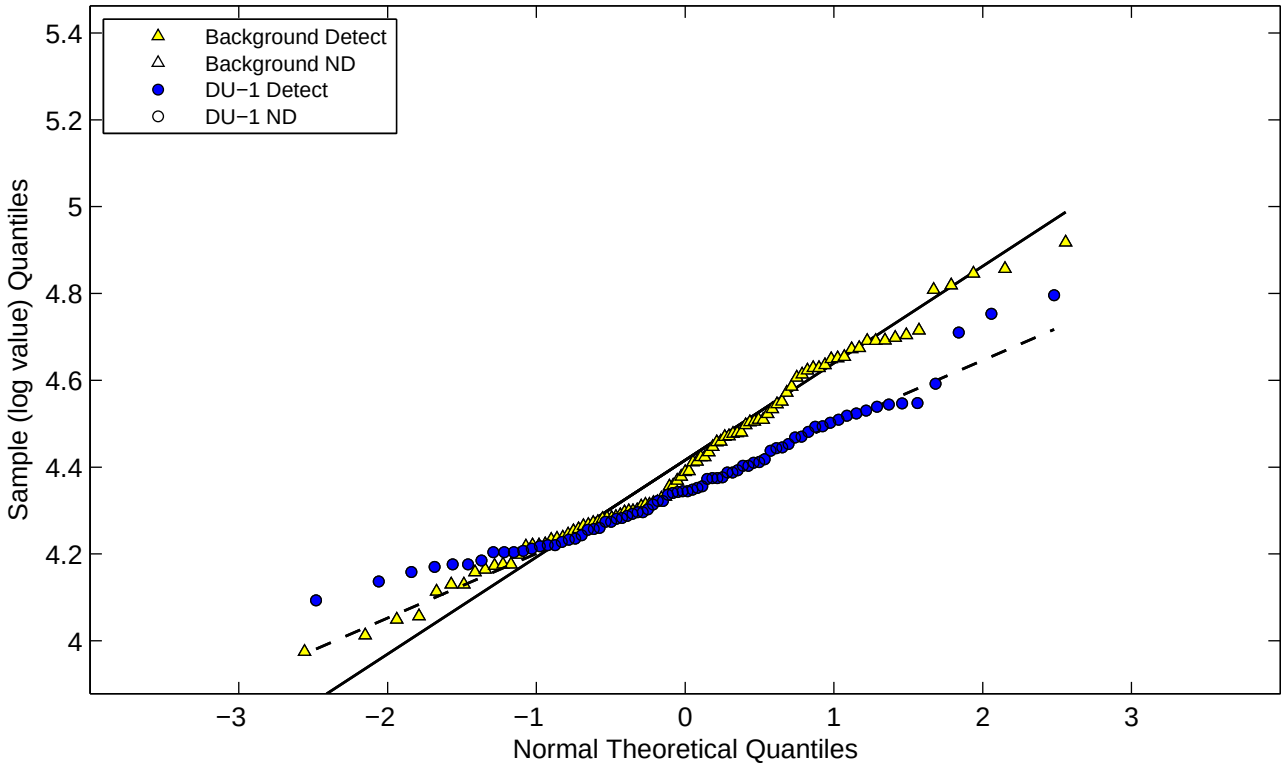
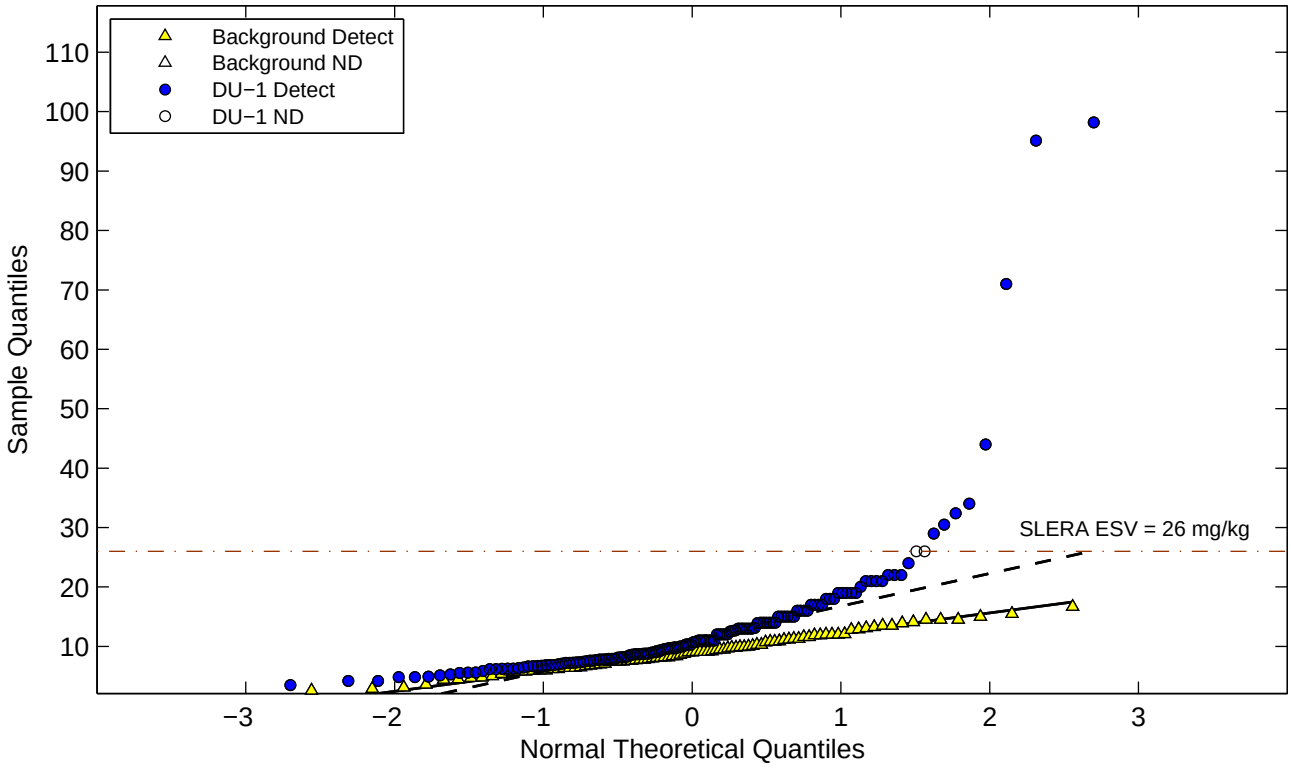


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1) Chromium (total)



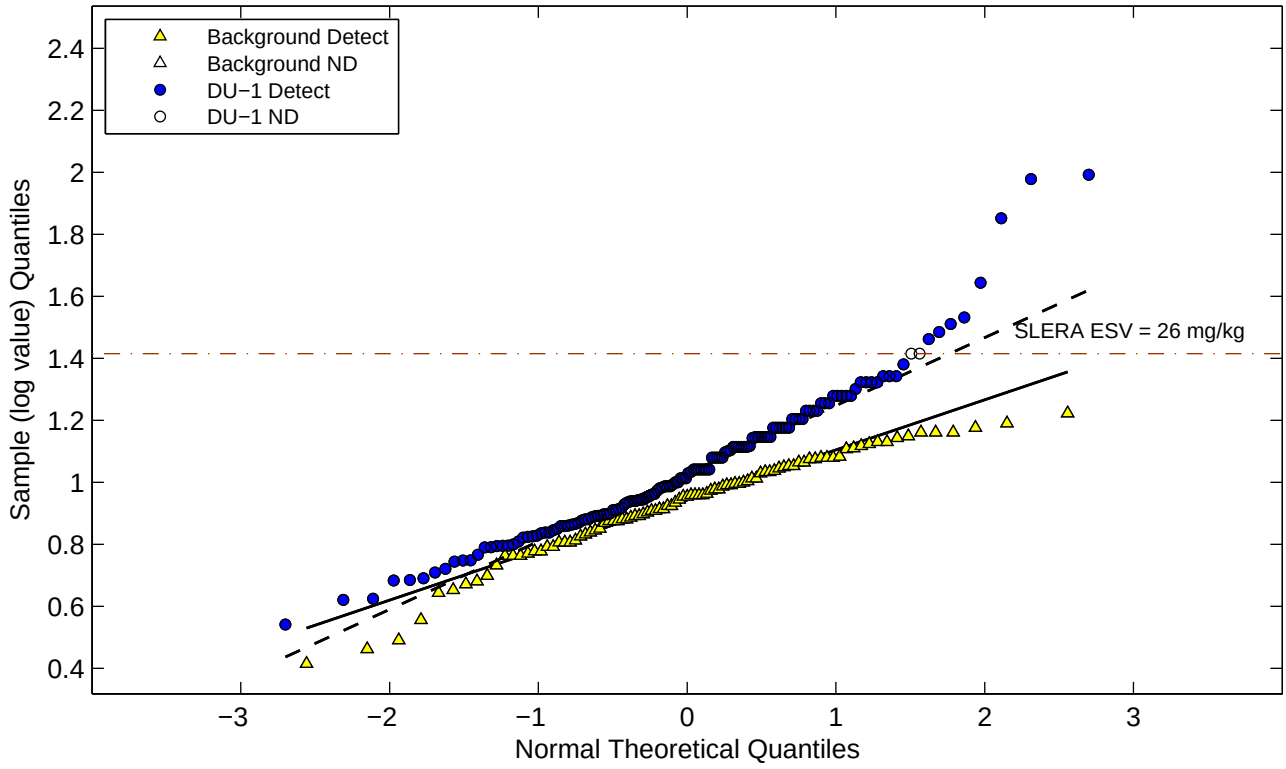
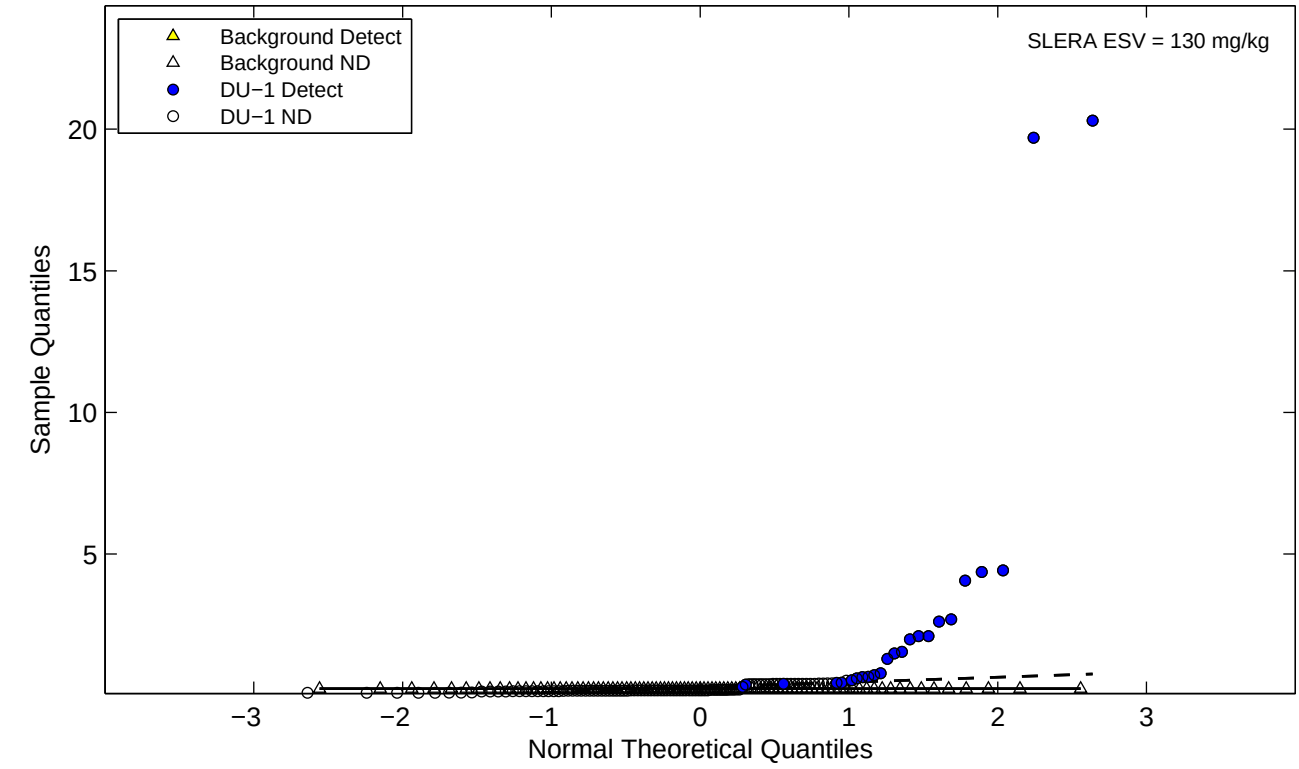


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1) Chromium VI



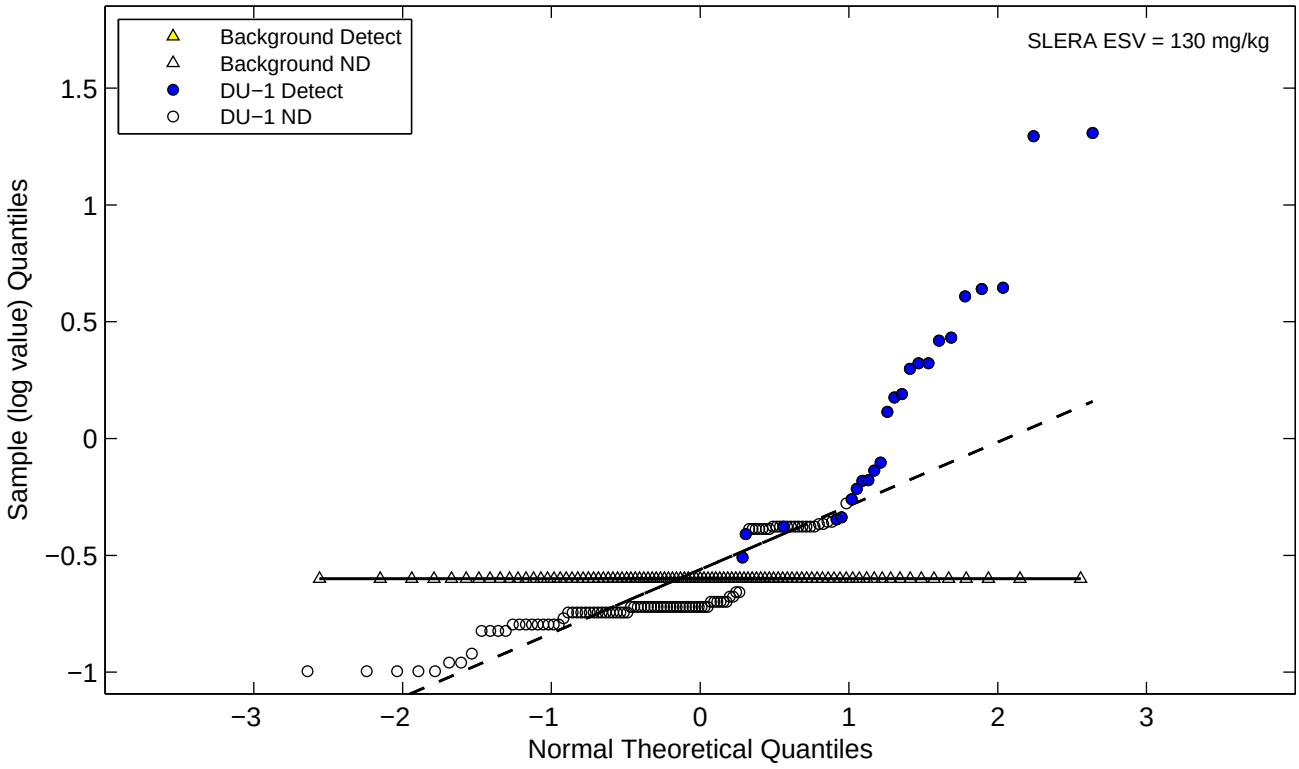
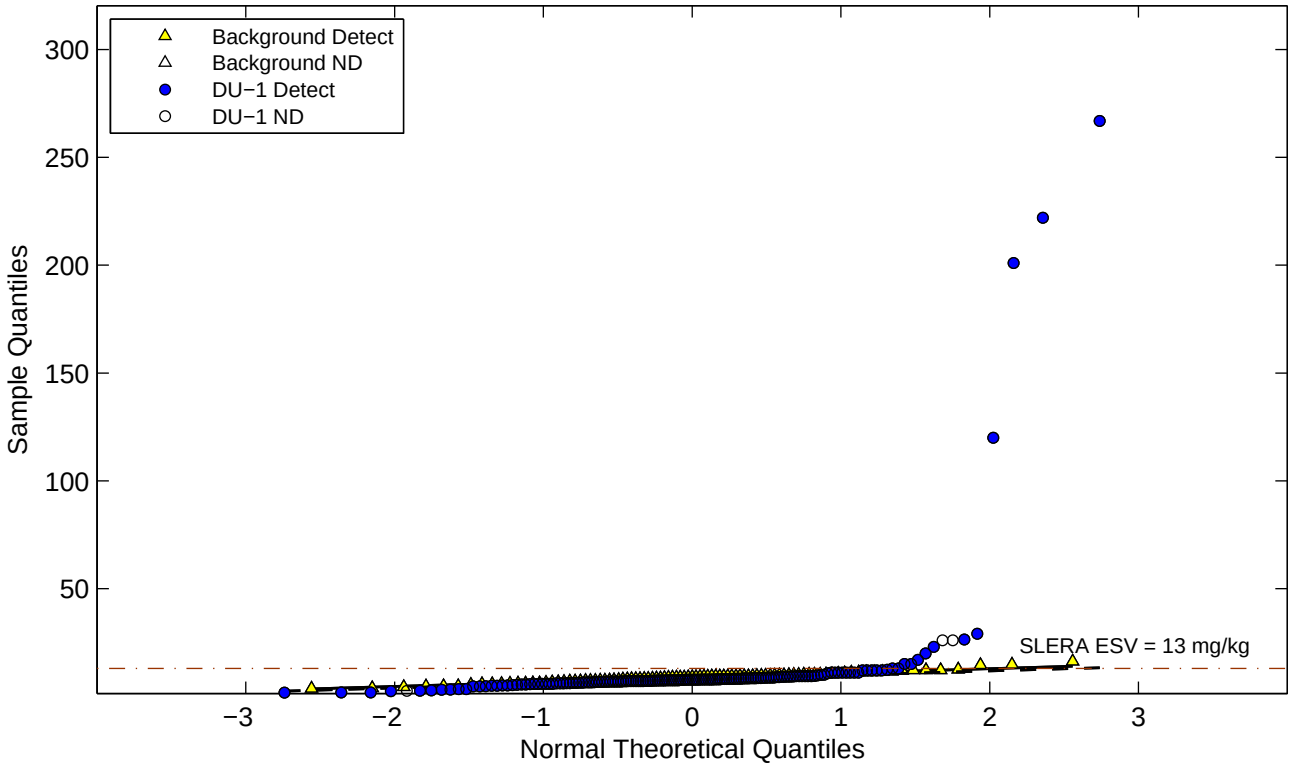


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1)
Cobalt



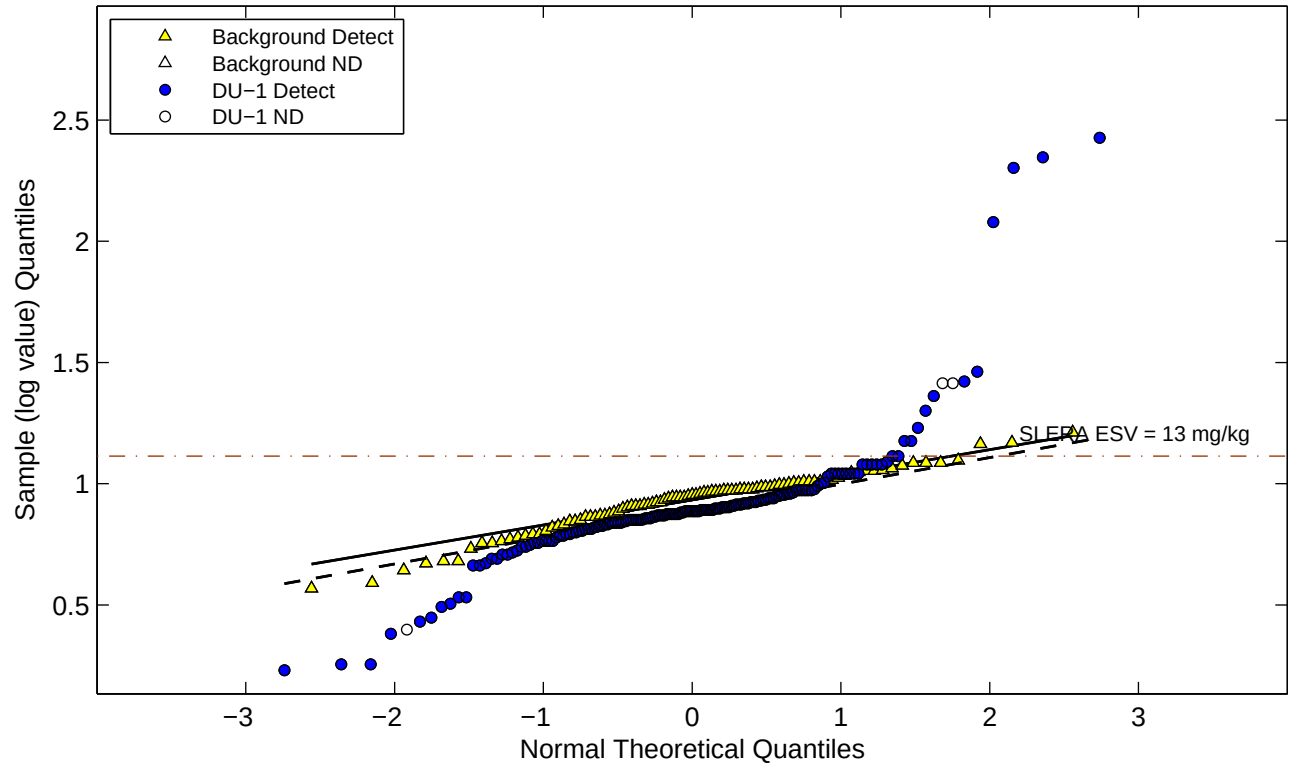
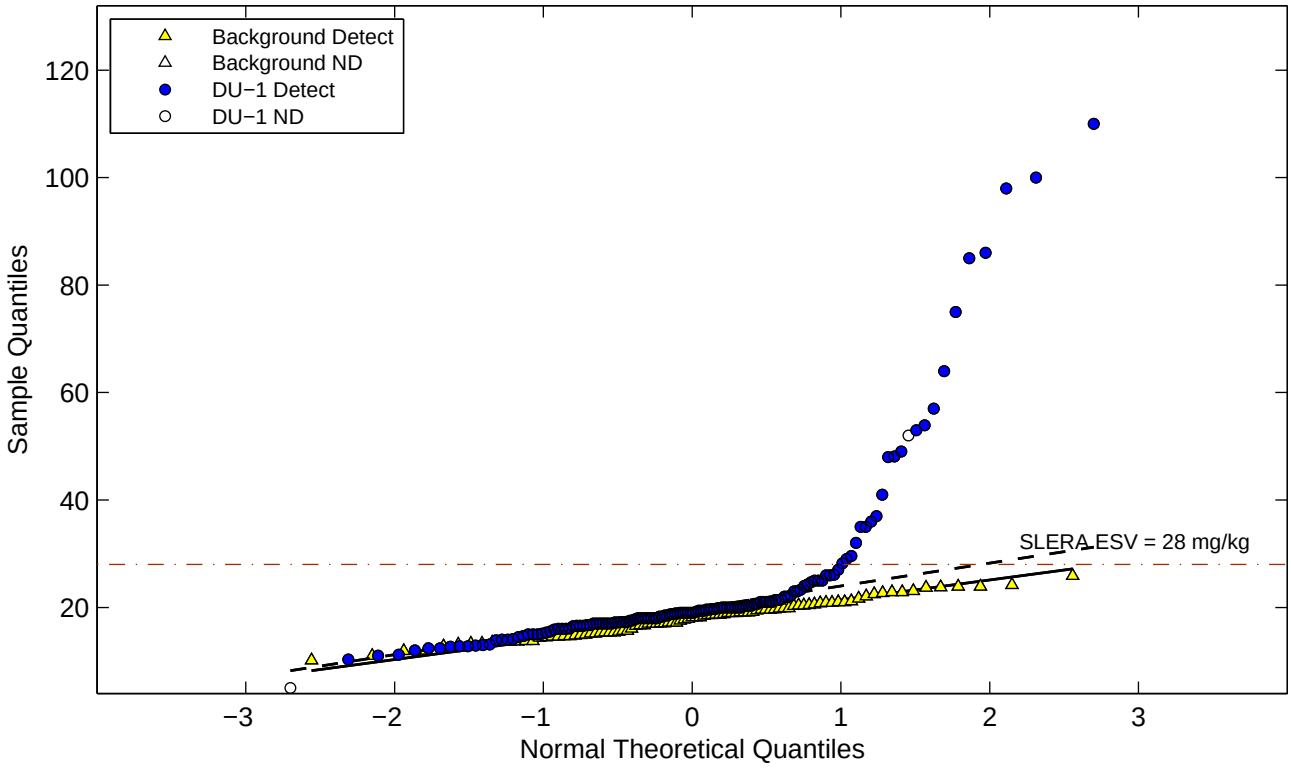


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1) Copper



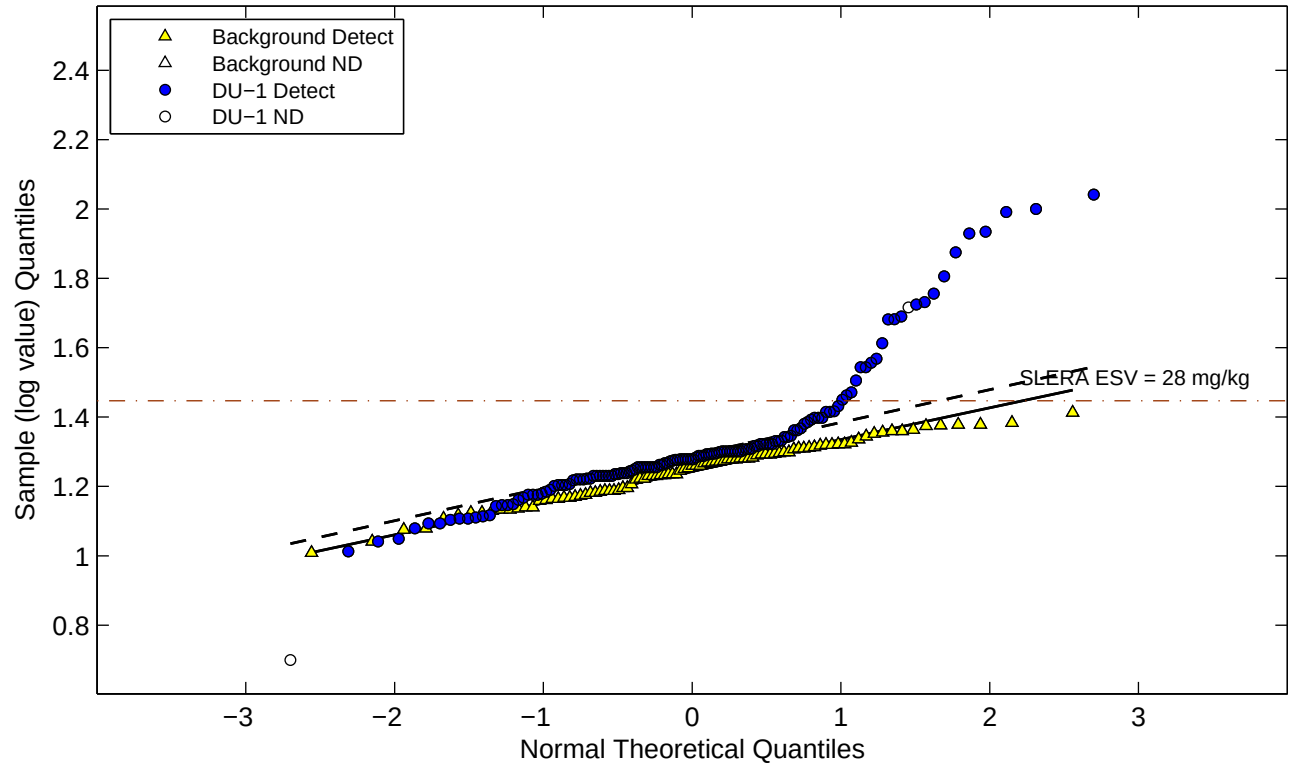
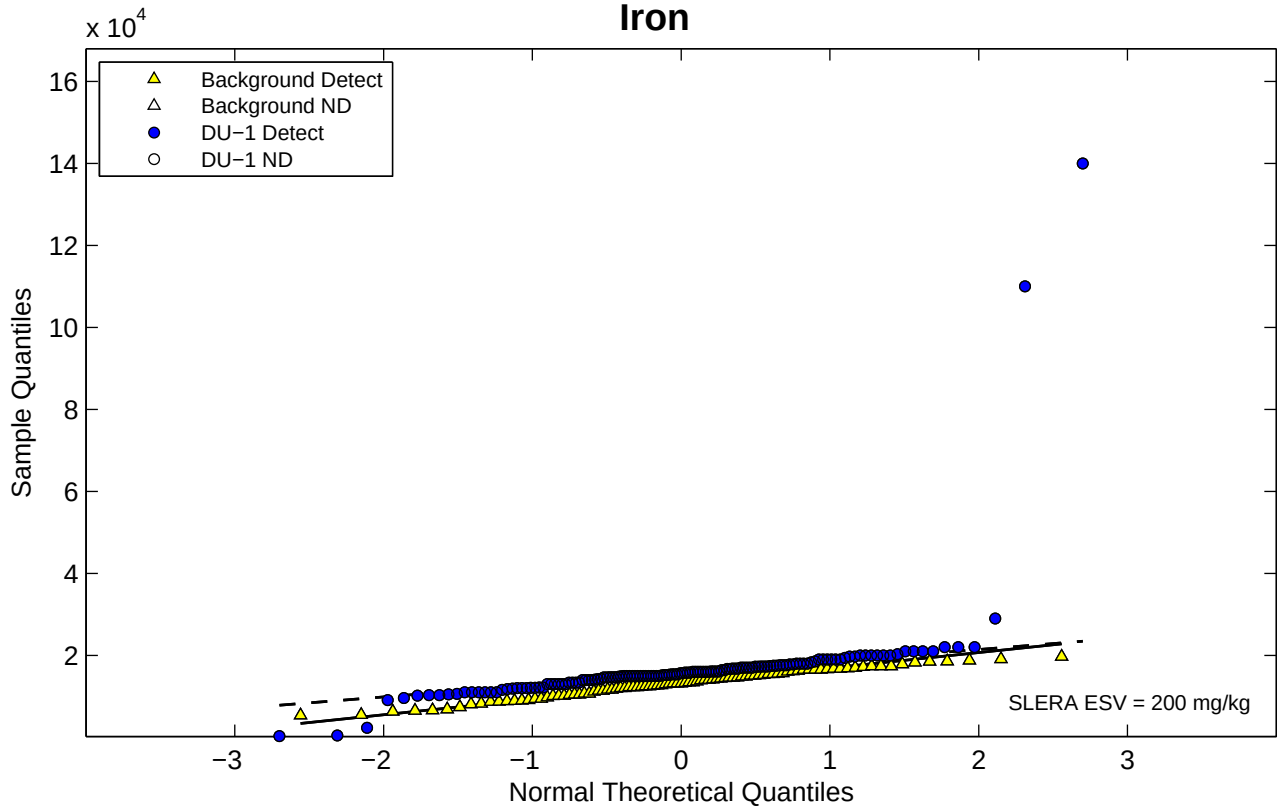


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1)

Iron



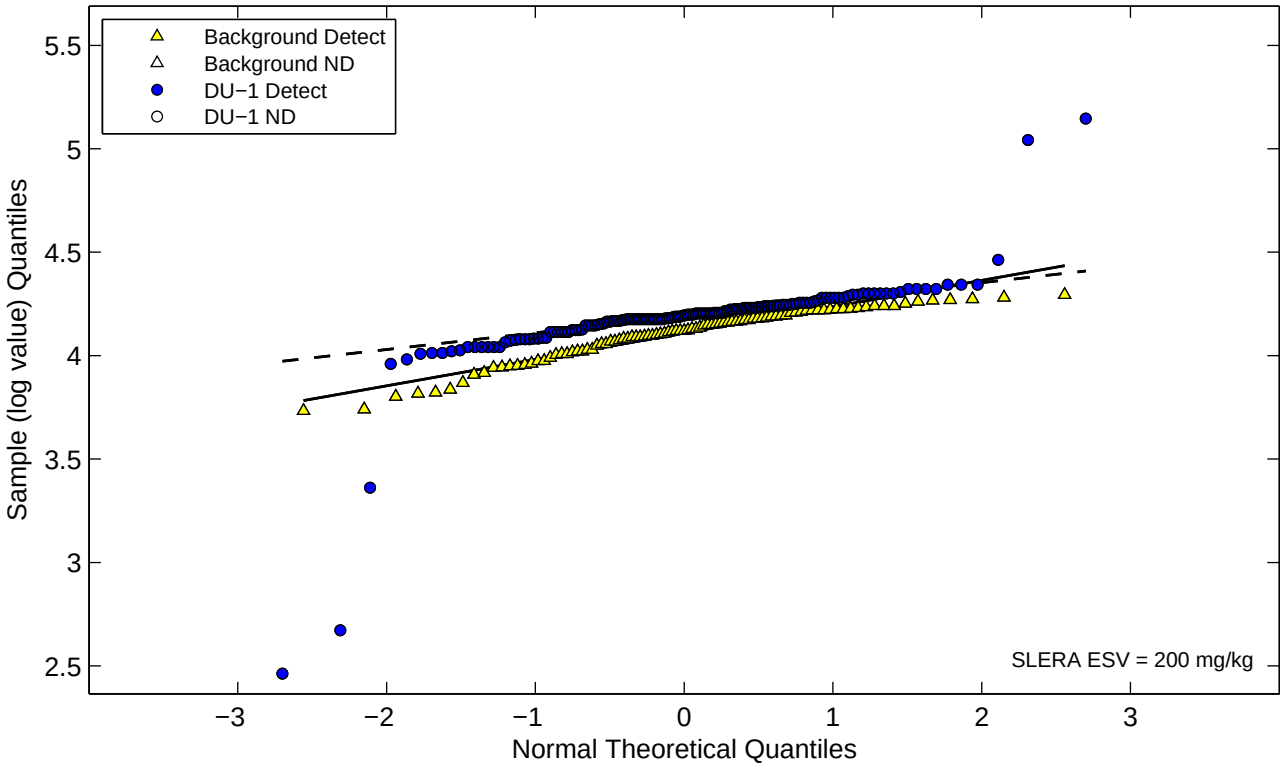
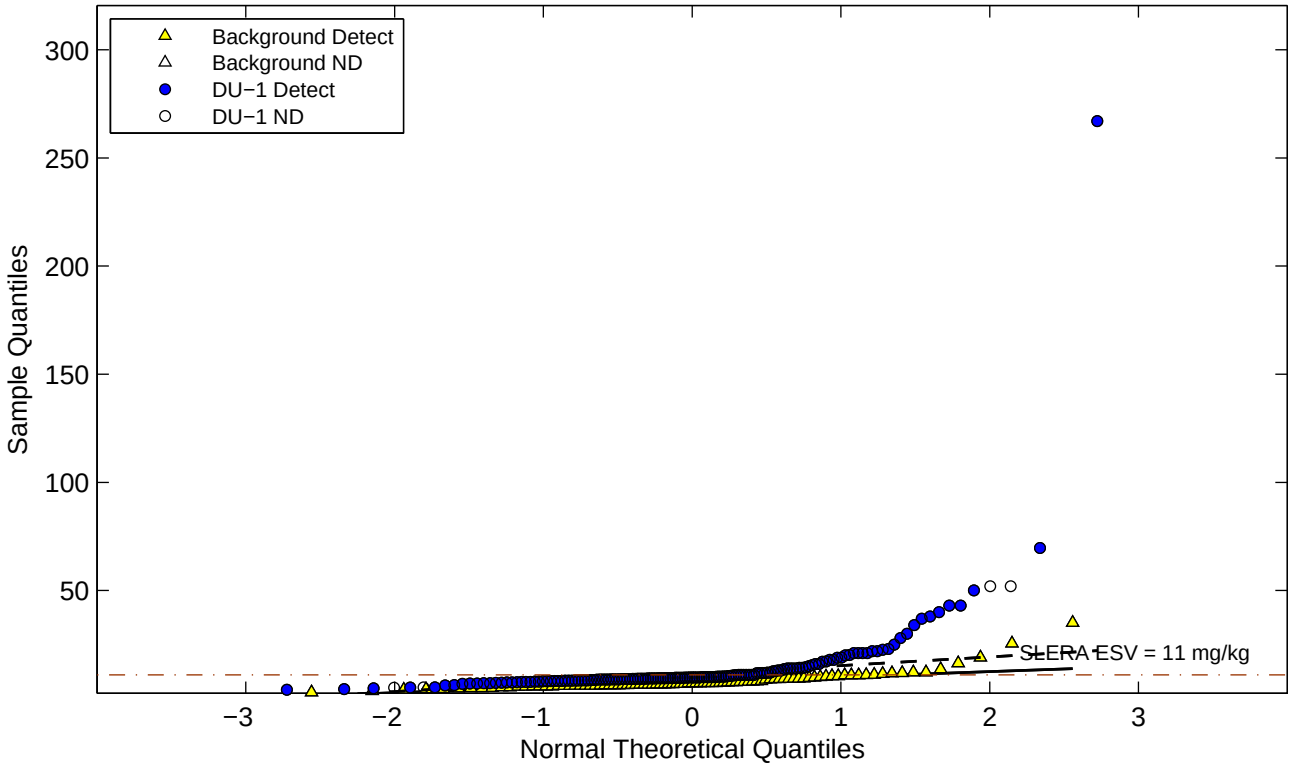


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1)
Lead



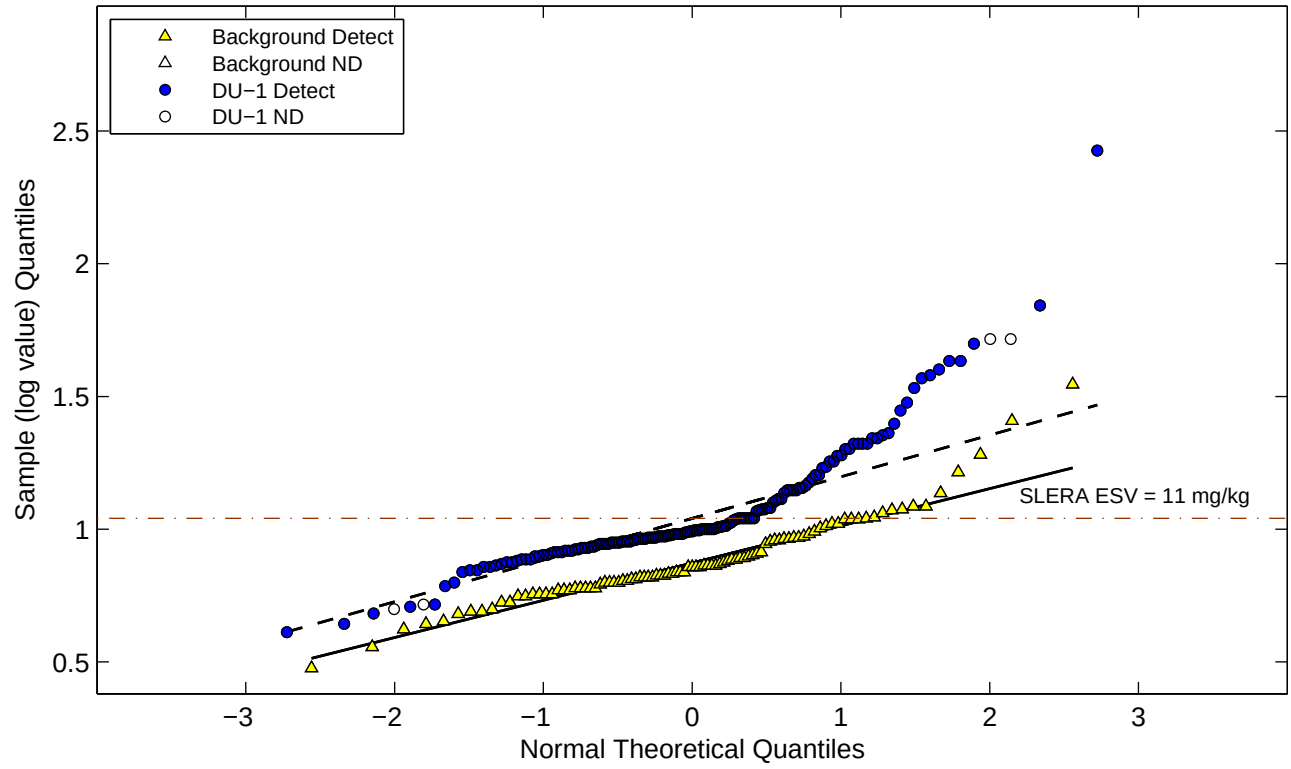
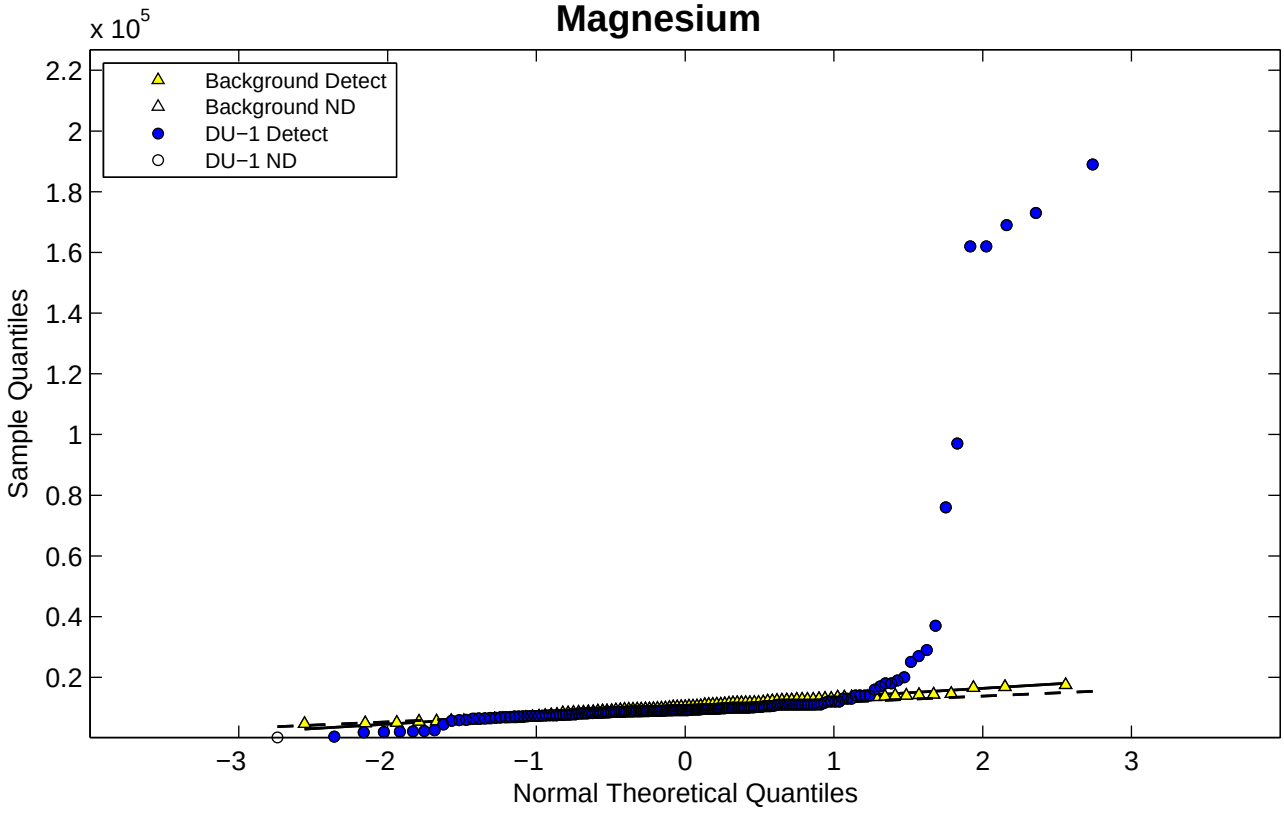


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1)

Magnesium



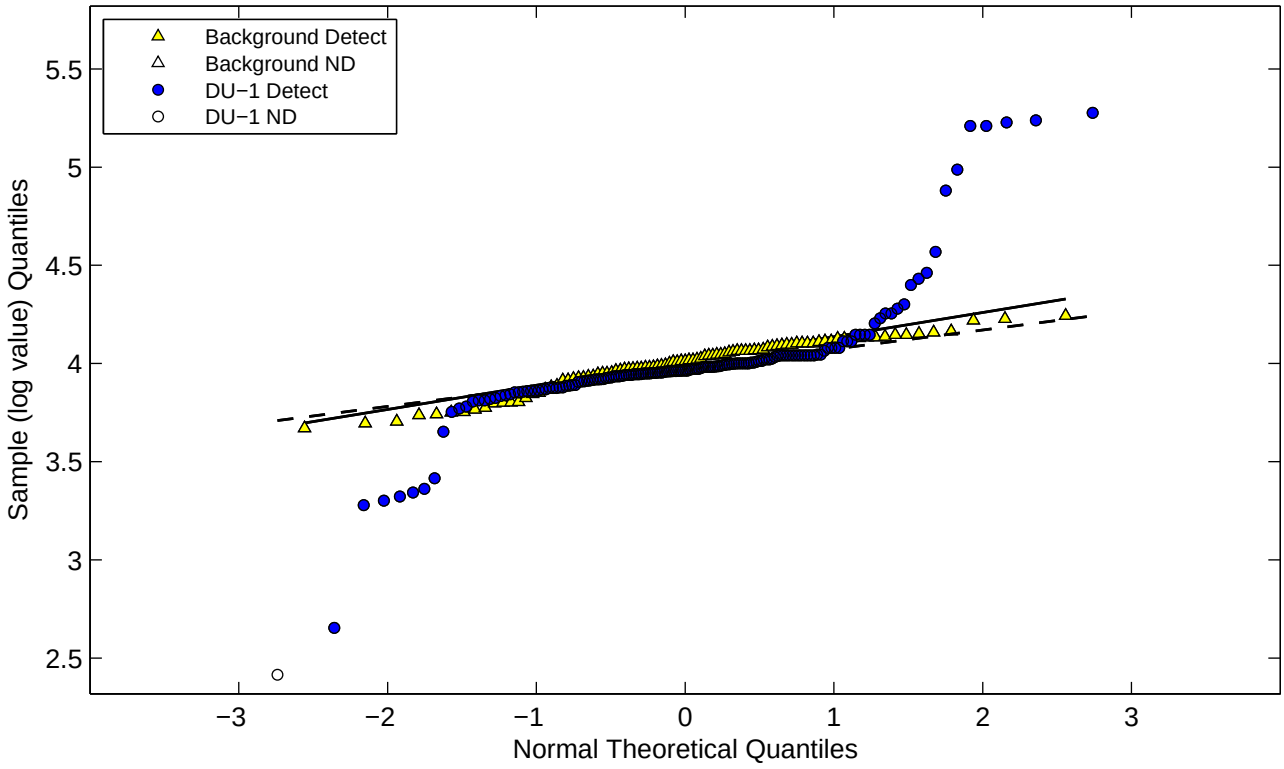
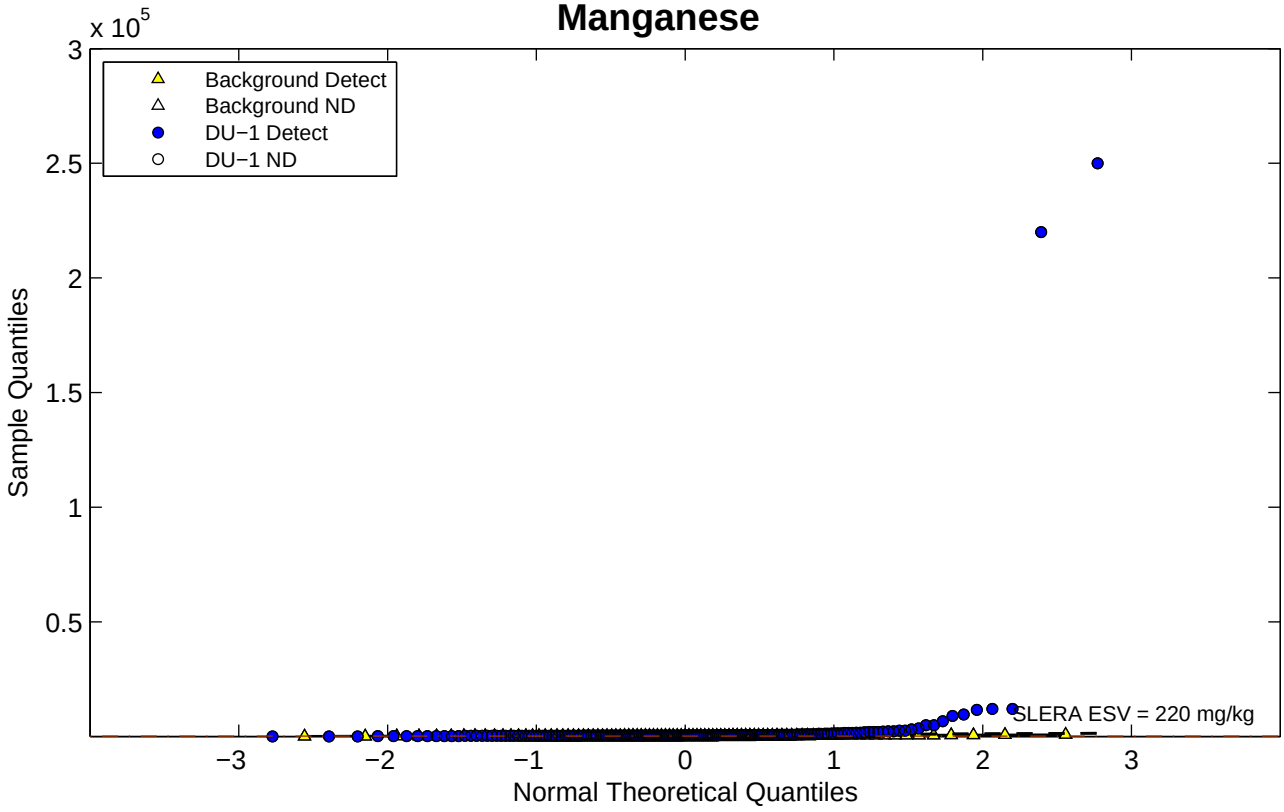


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1)
Manganese



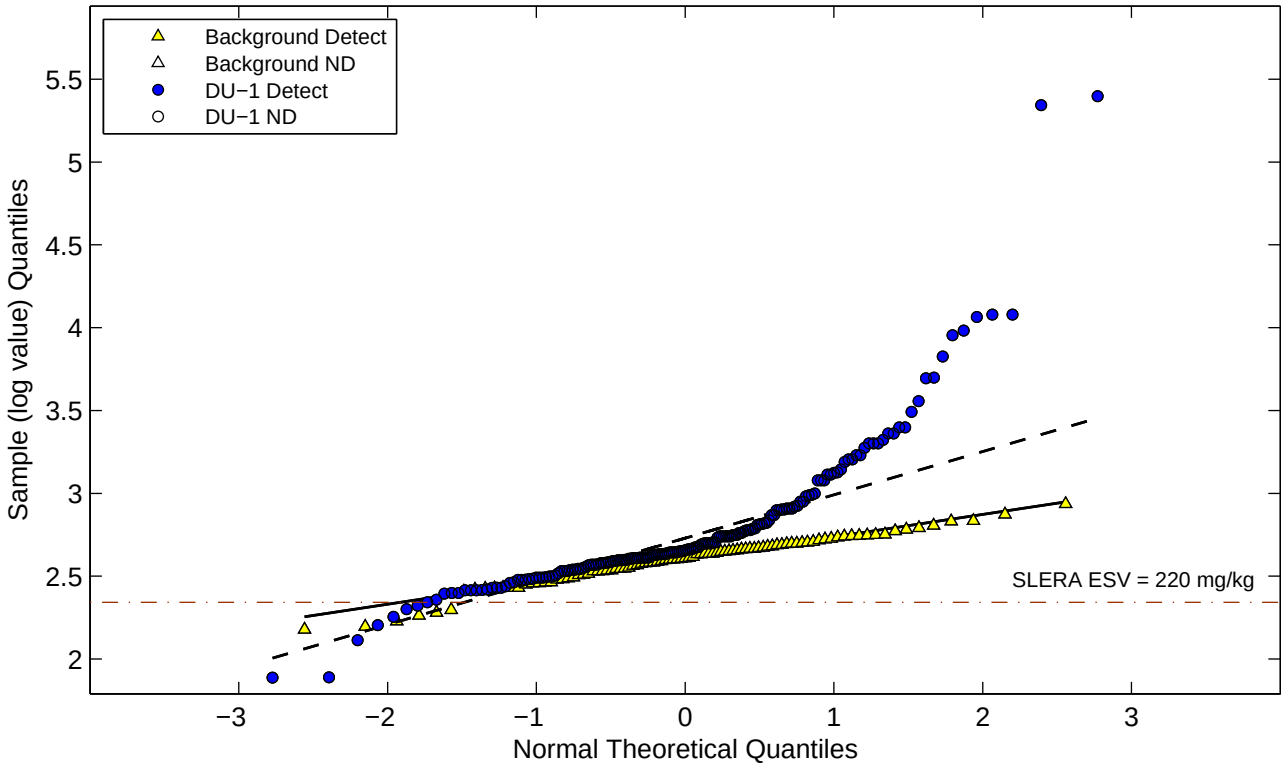
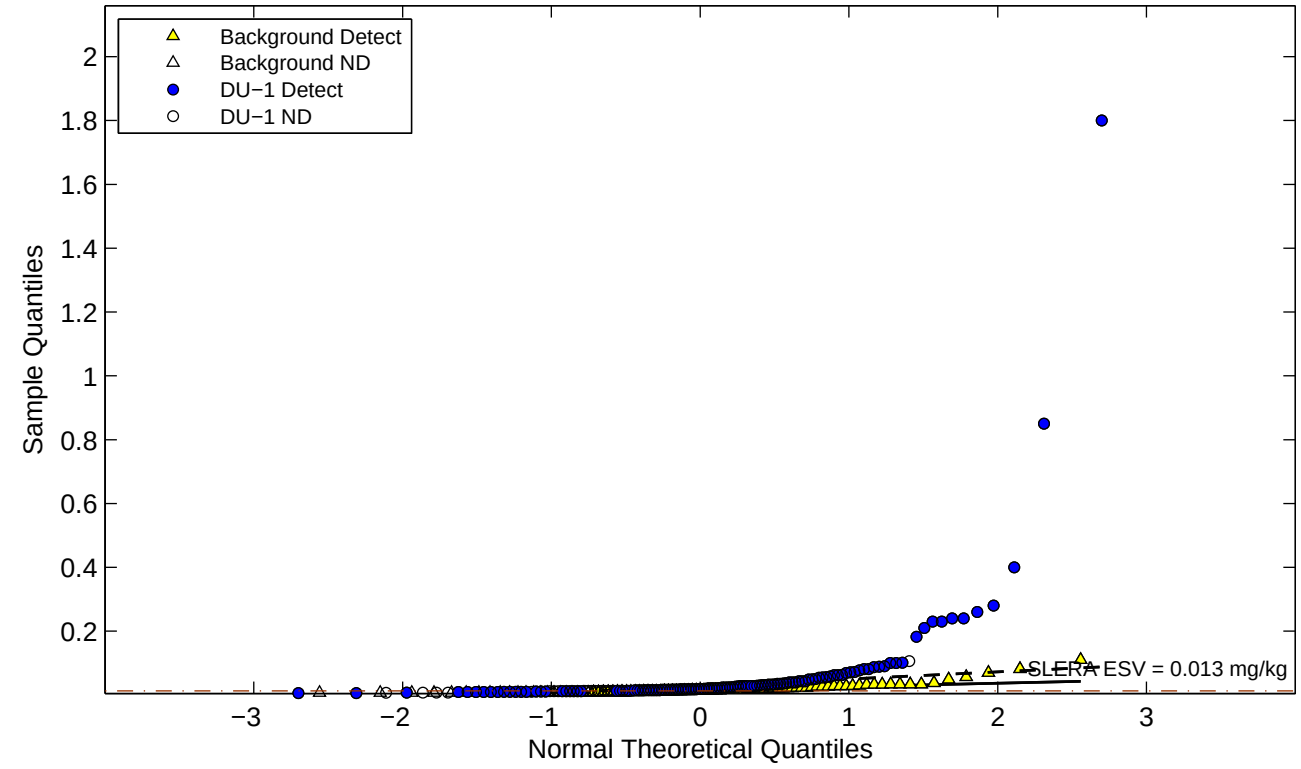


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1)
Mercury



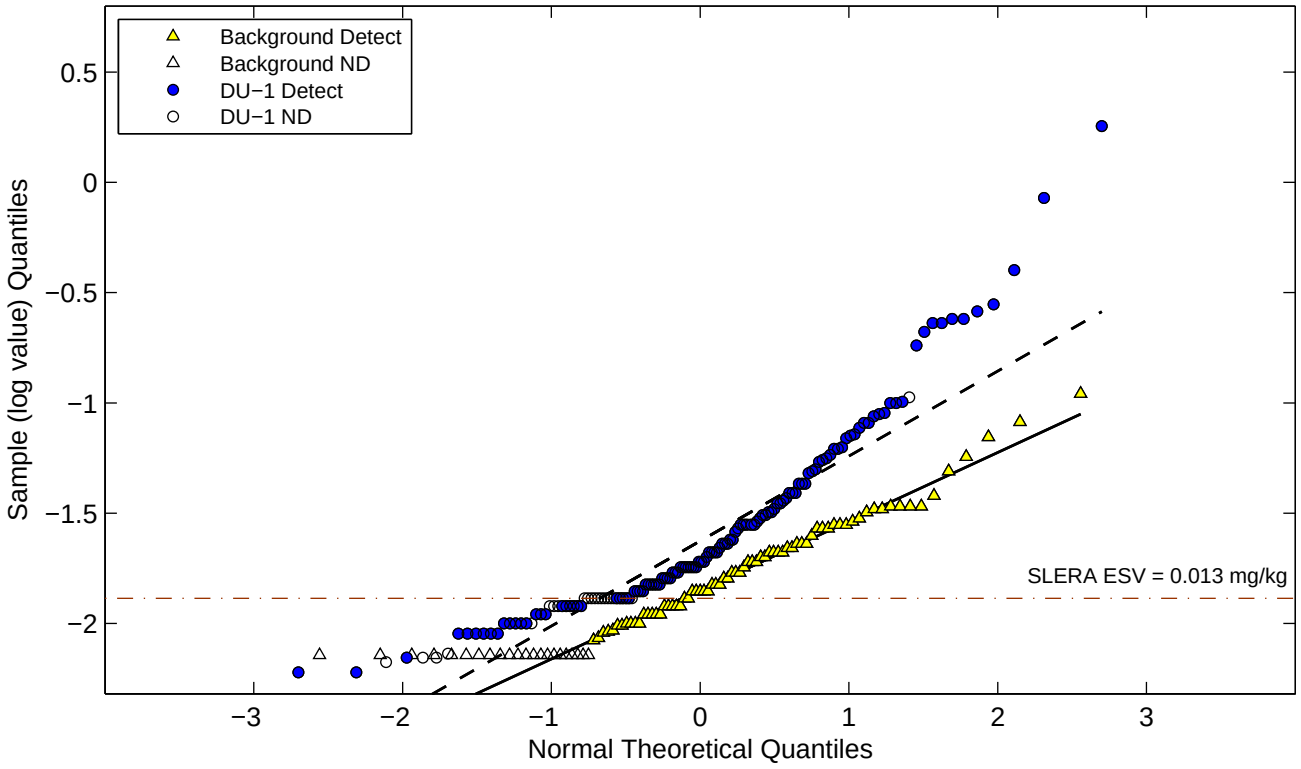
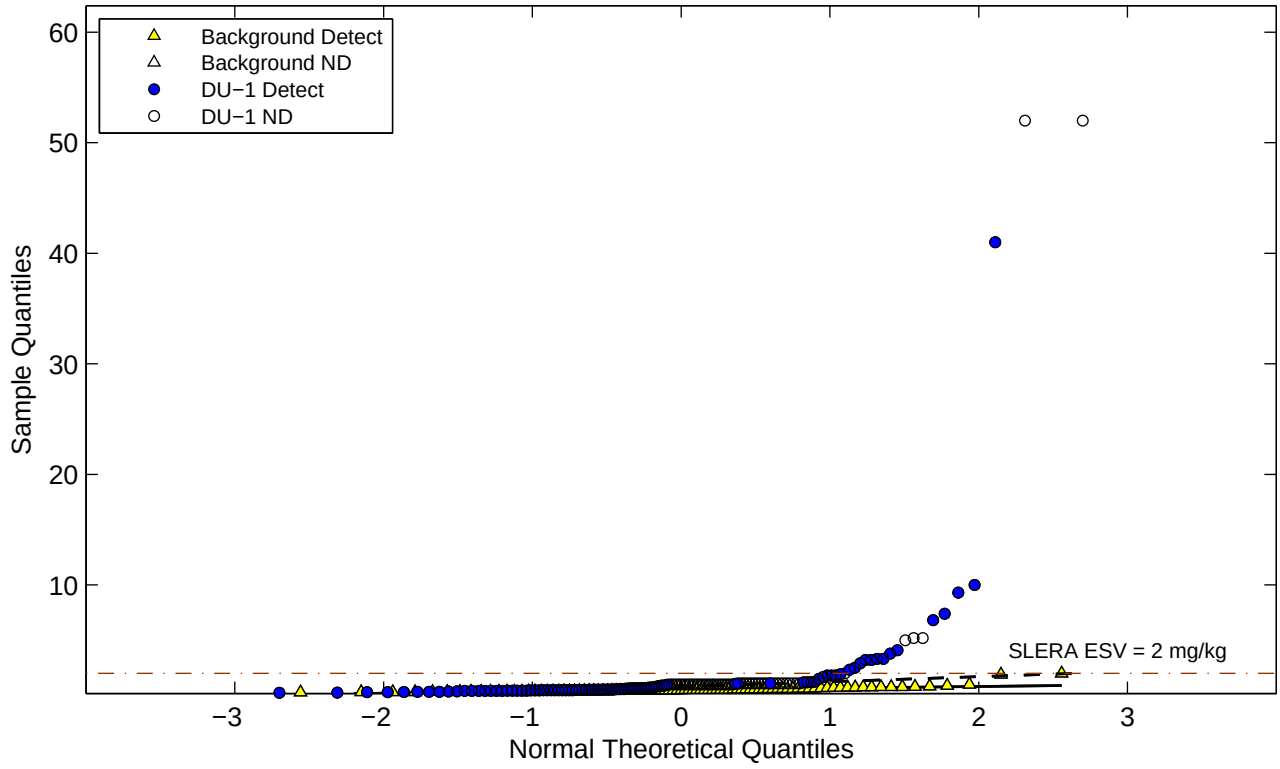


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1) Molybdenum



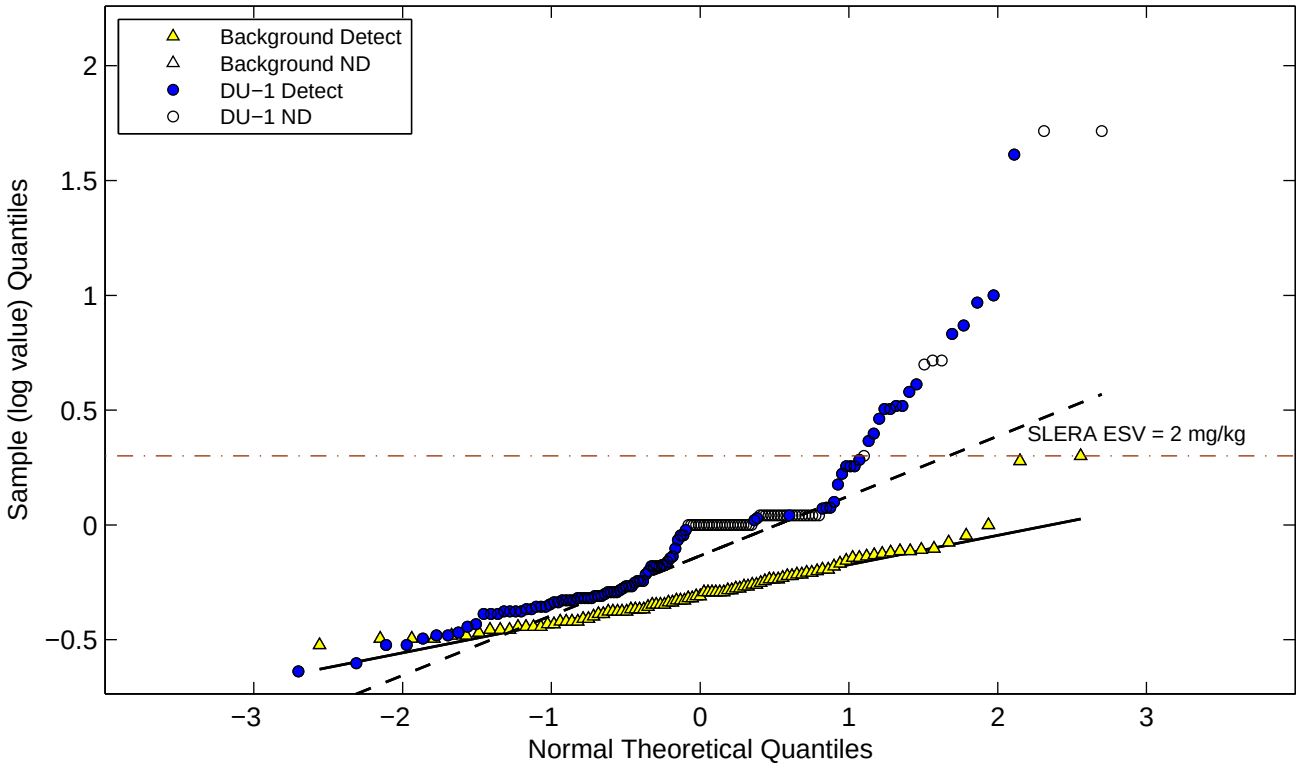
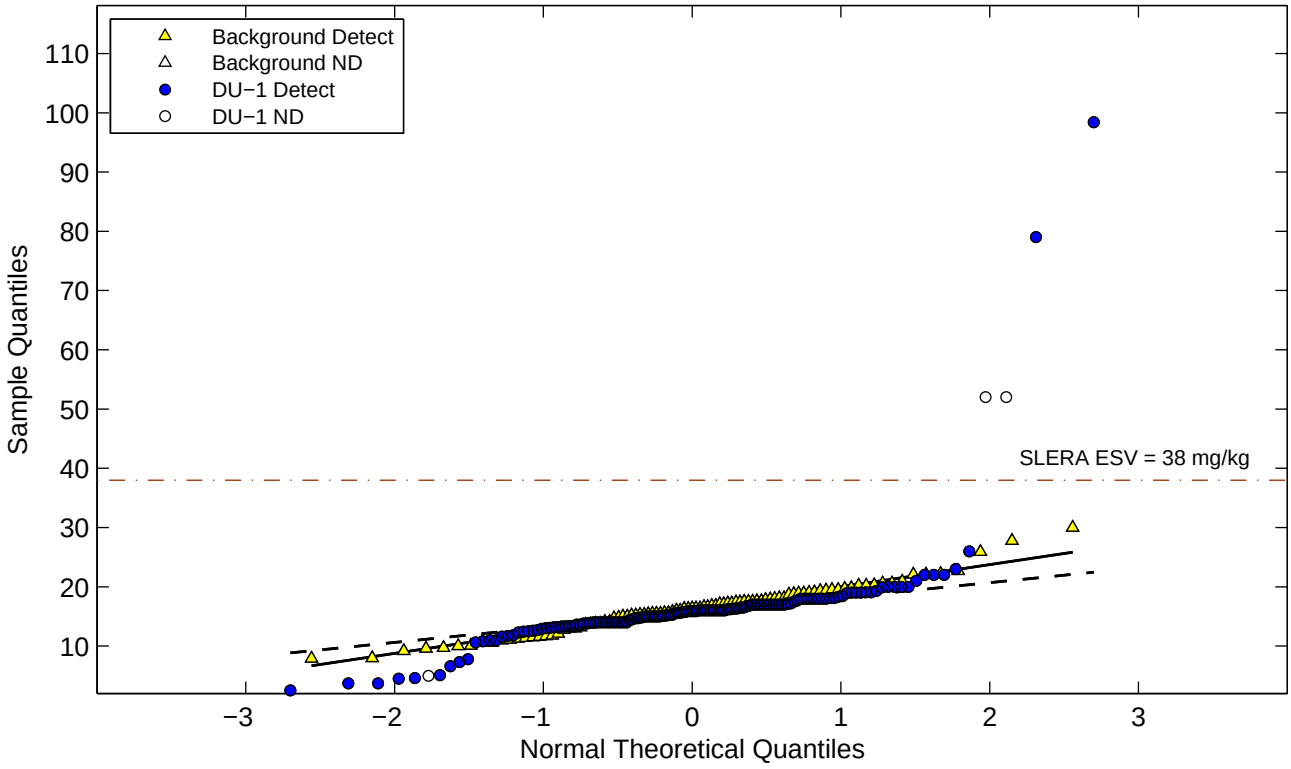


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1)
Nickel



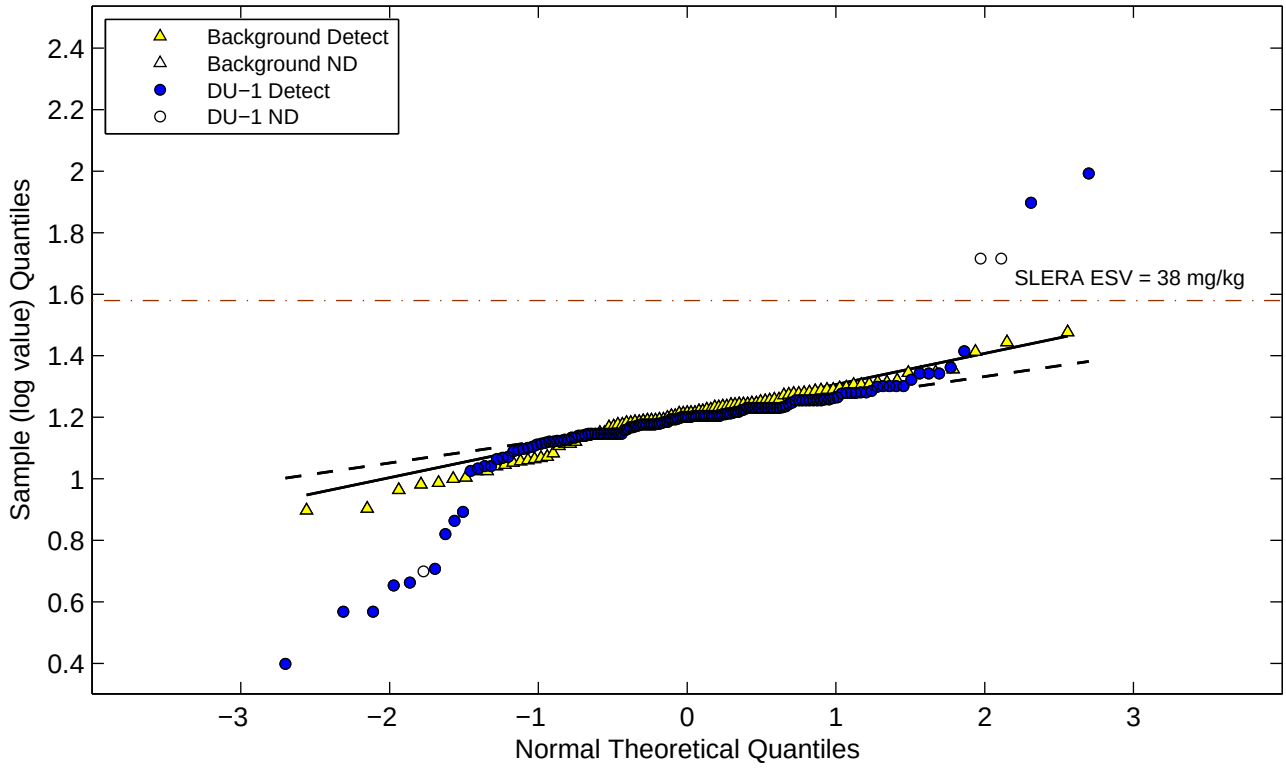
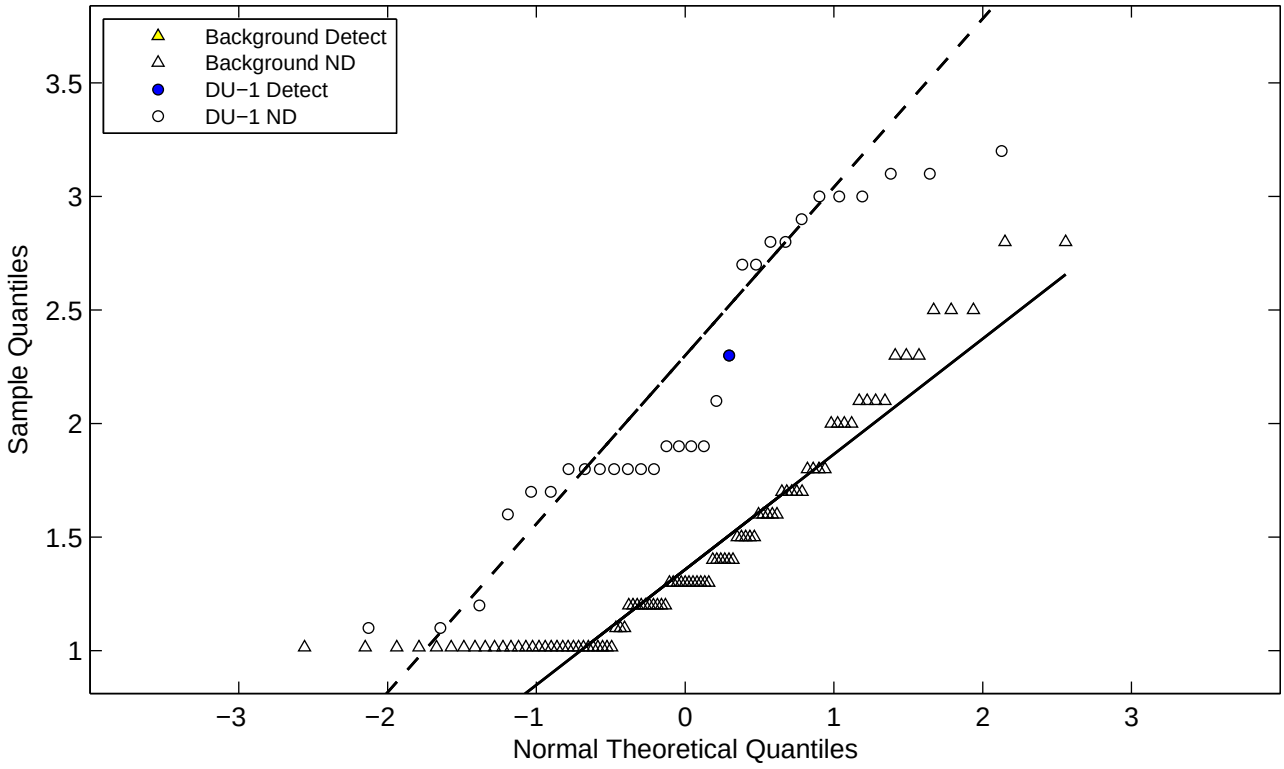


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1)
Niobium



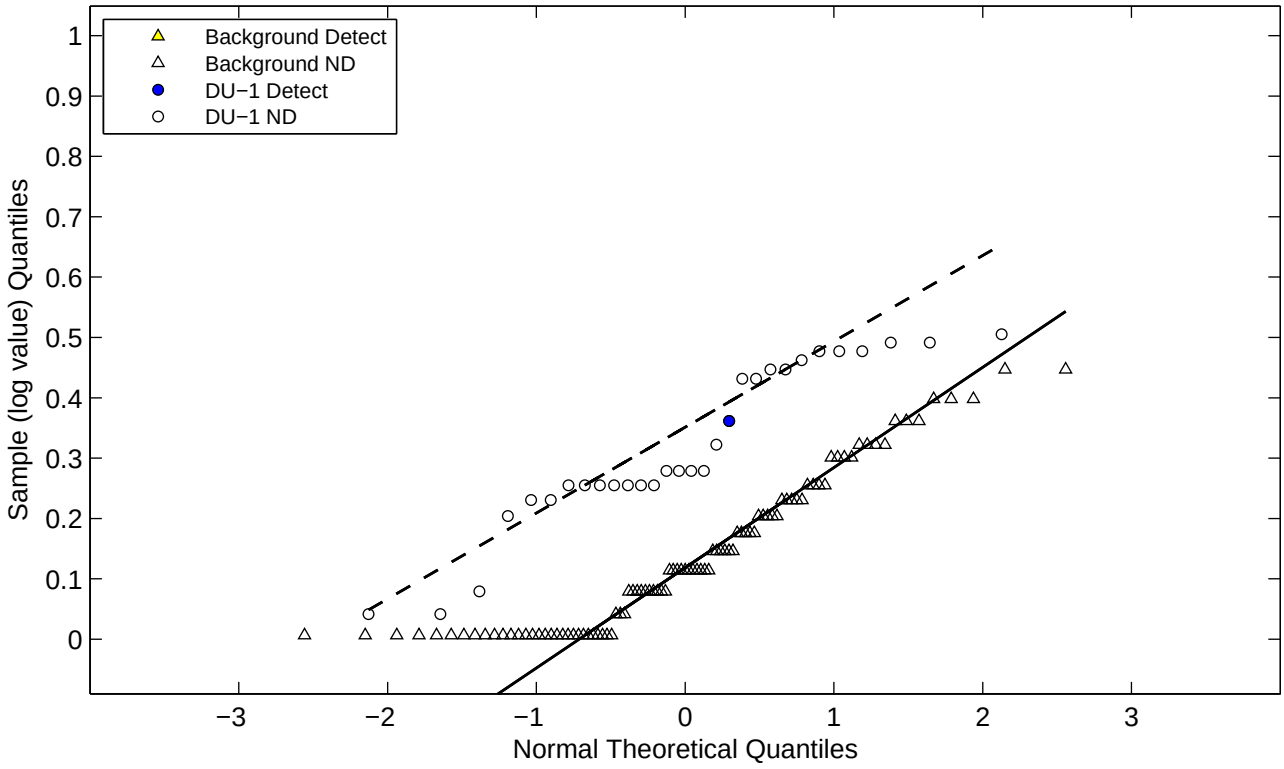
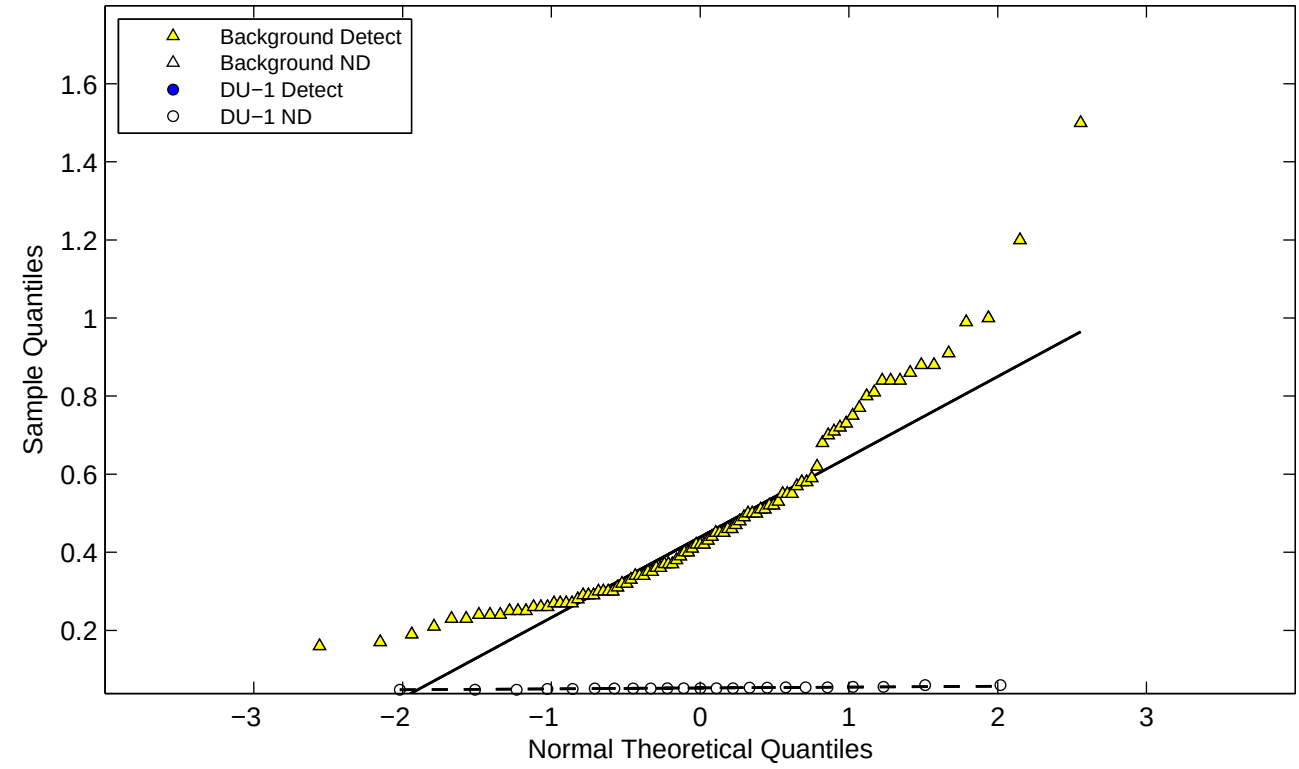


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1) Palladium



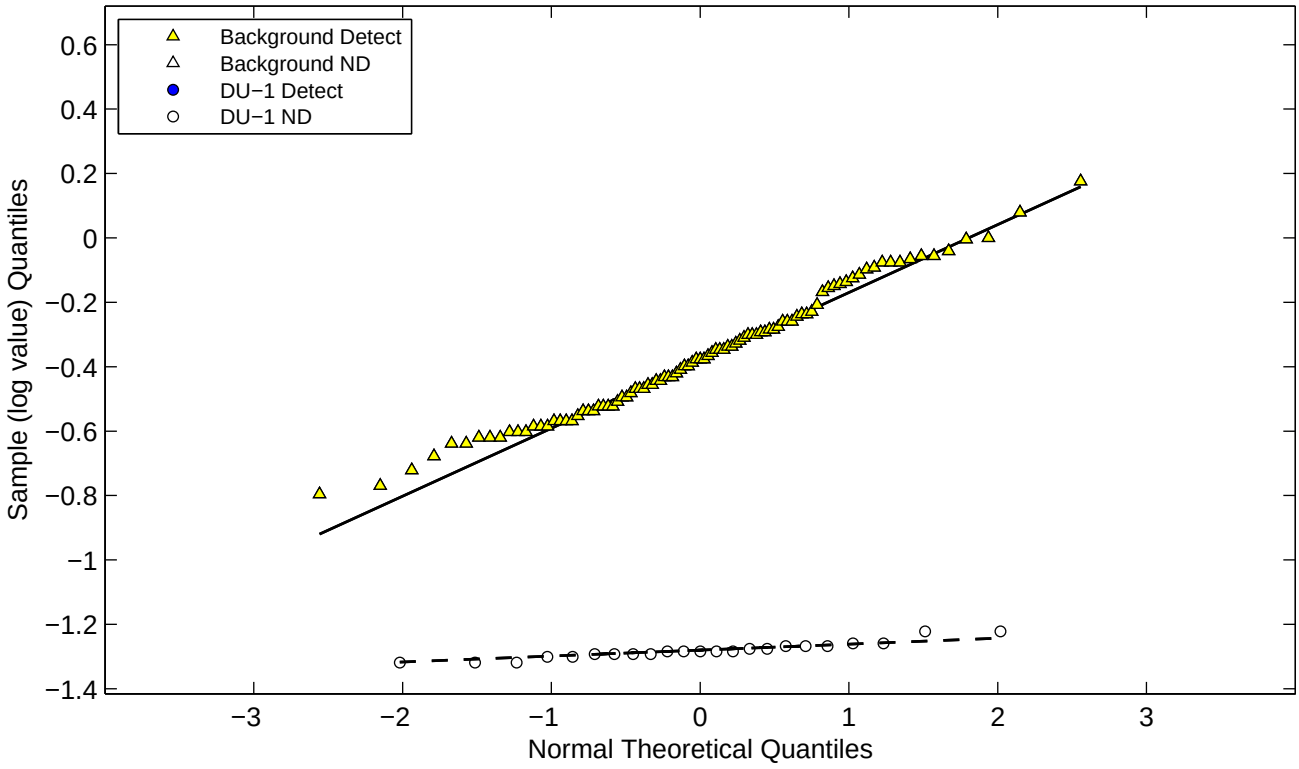
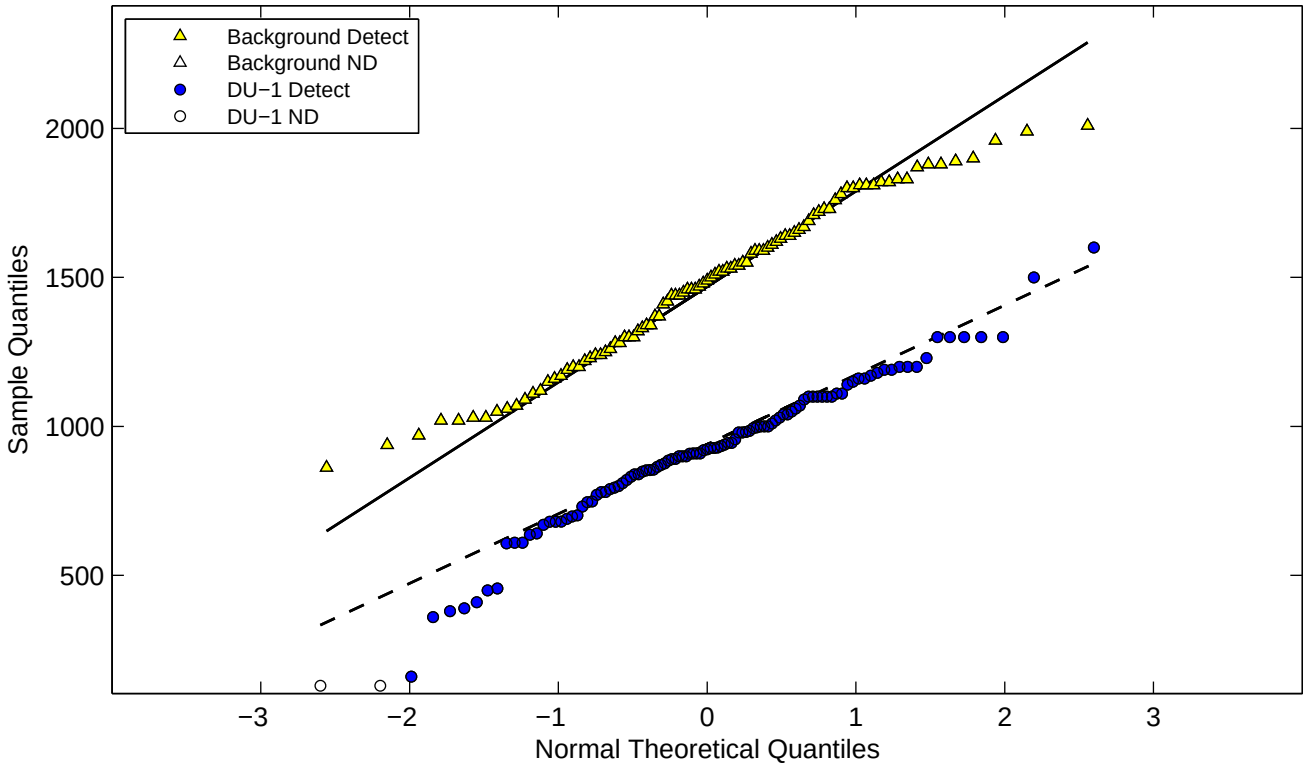


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1) Phosphorus (total)



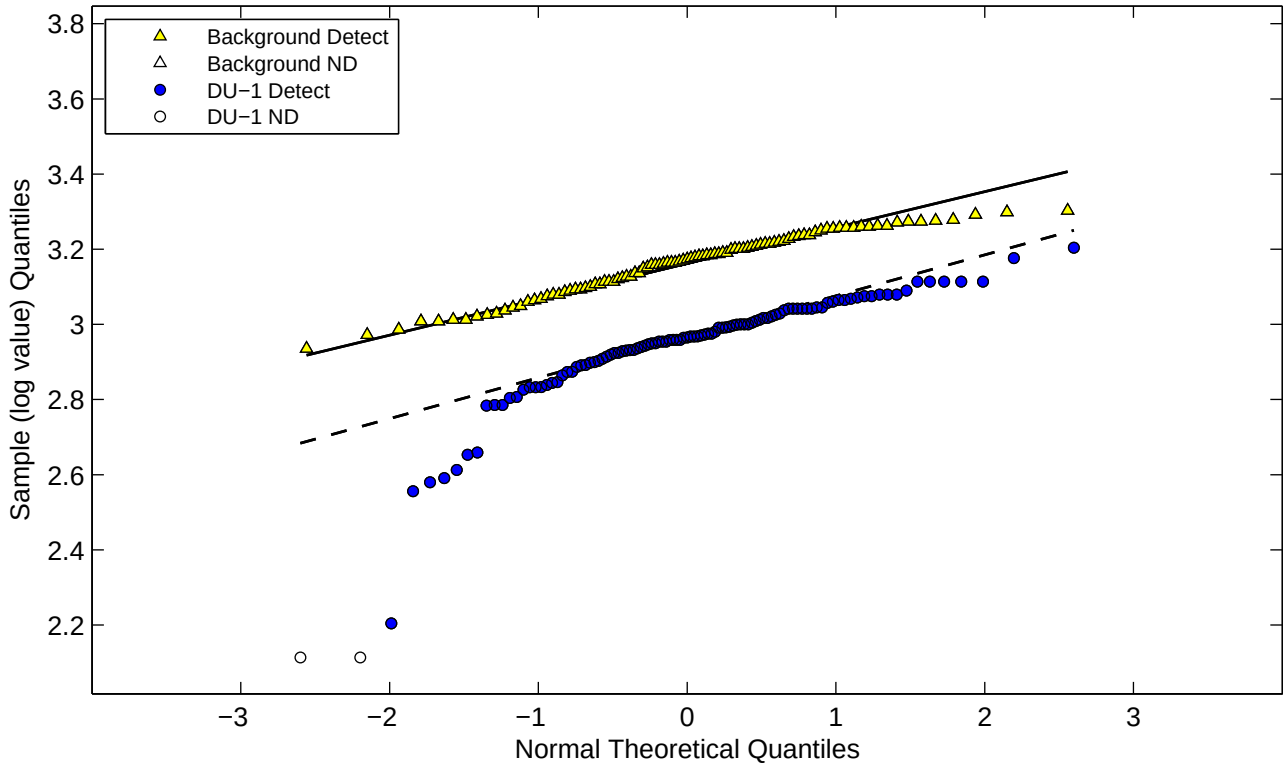
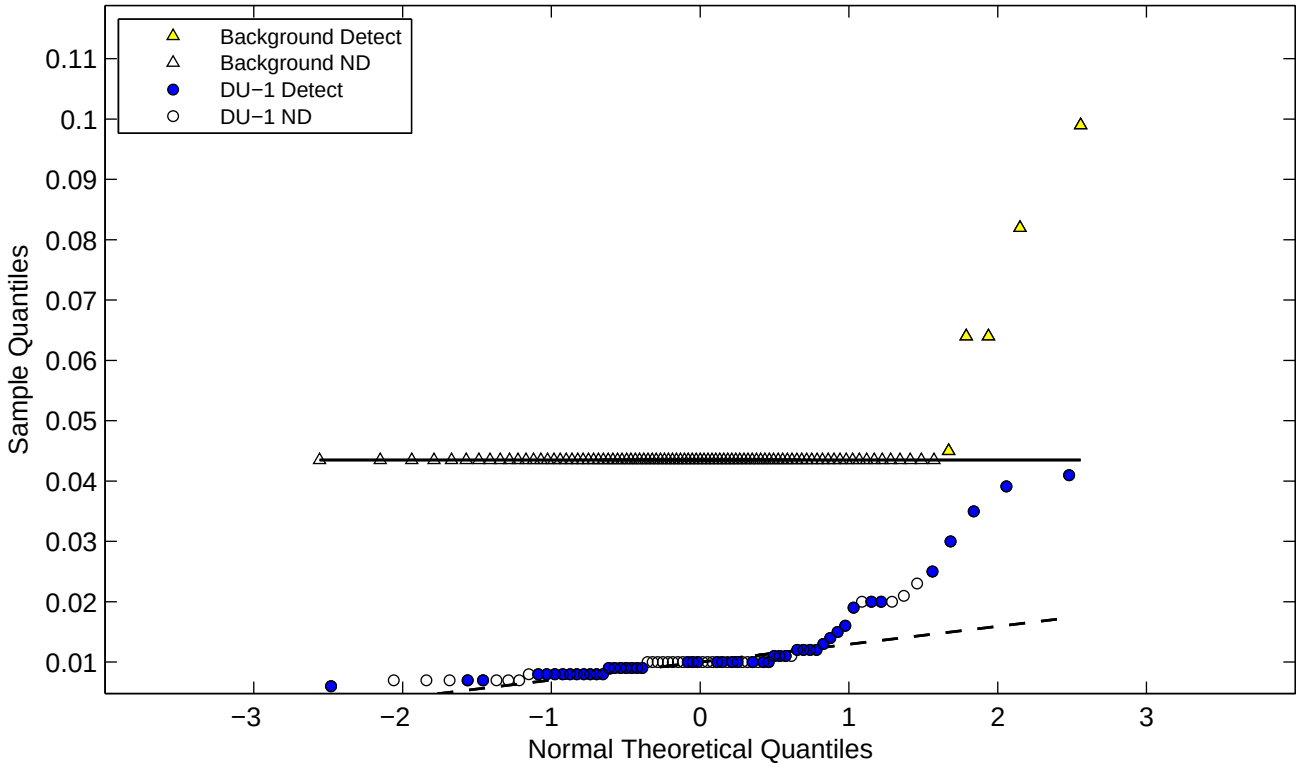


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1) Platinum



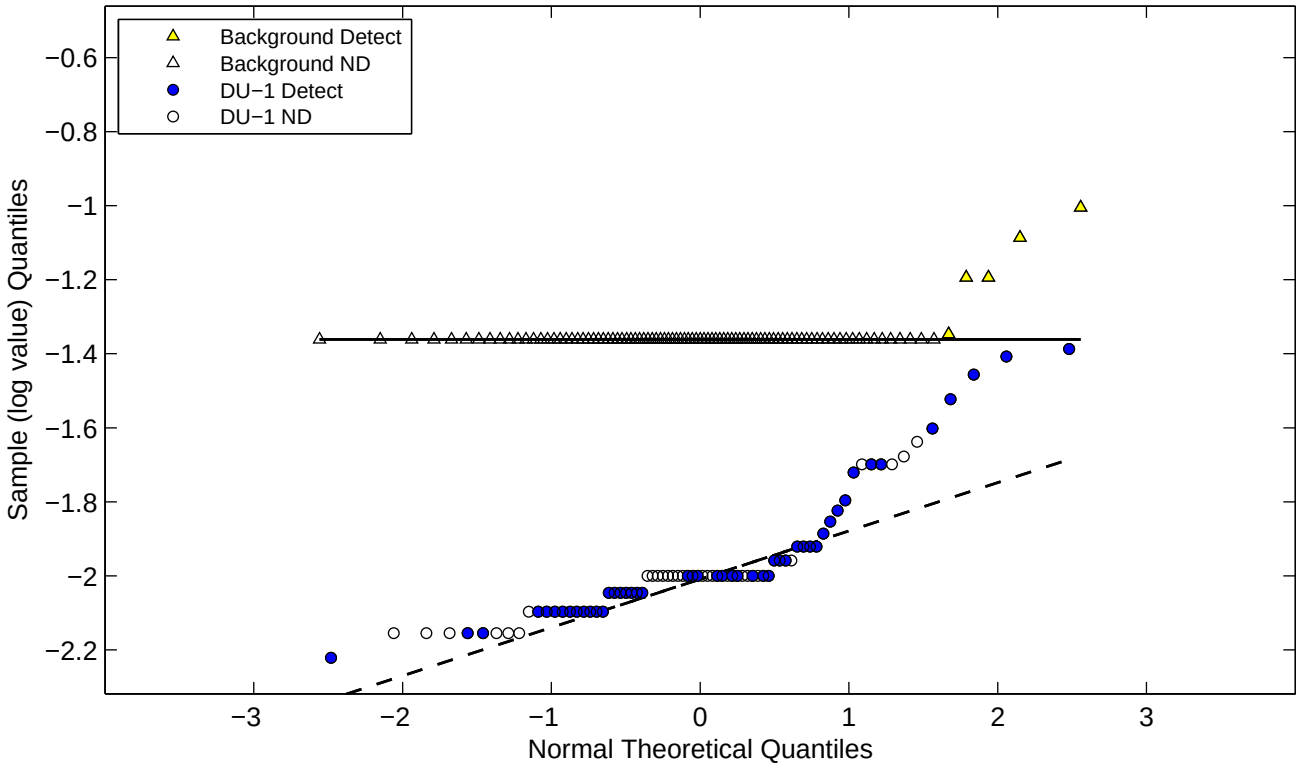
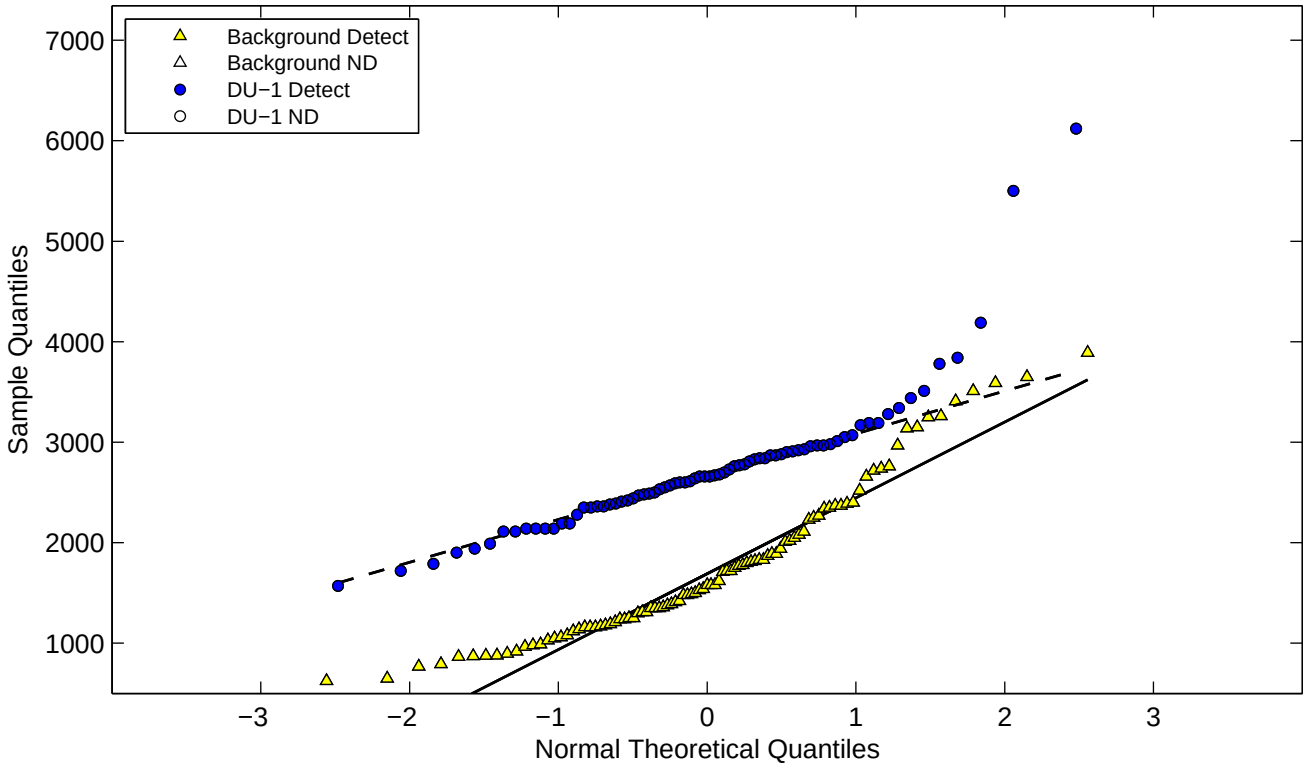


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1) Potassium



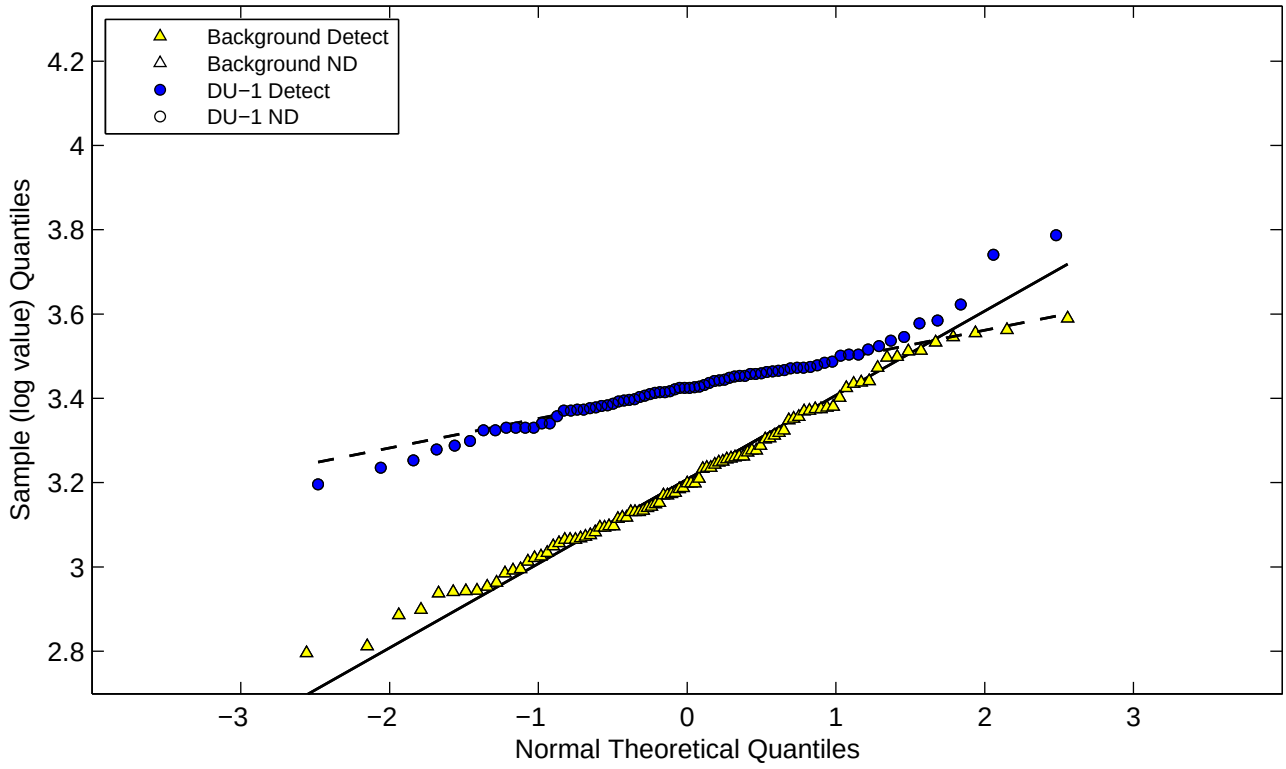
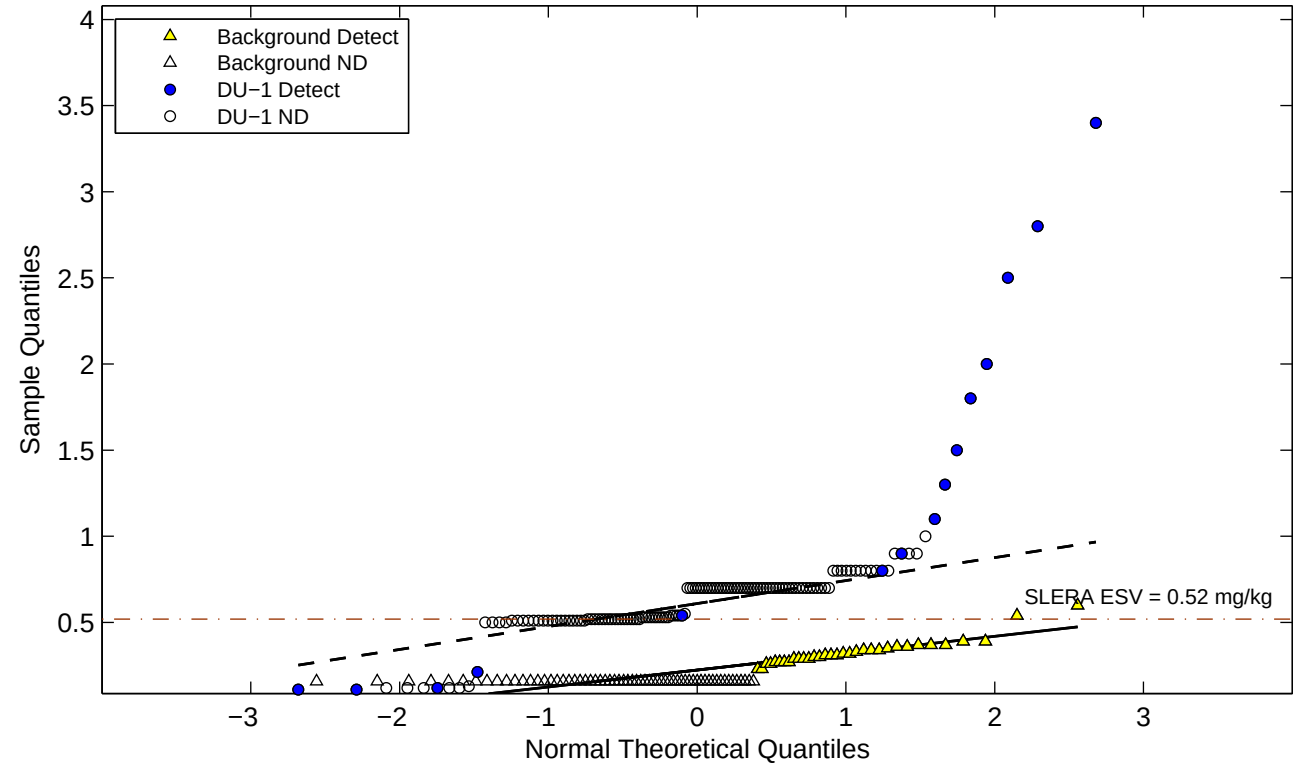


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1) Selenium



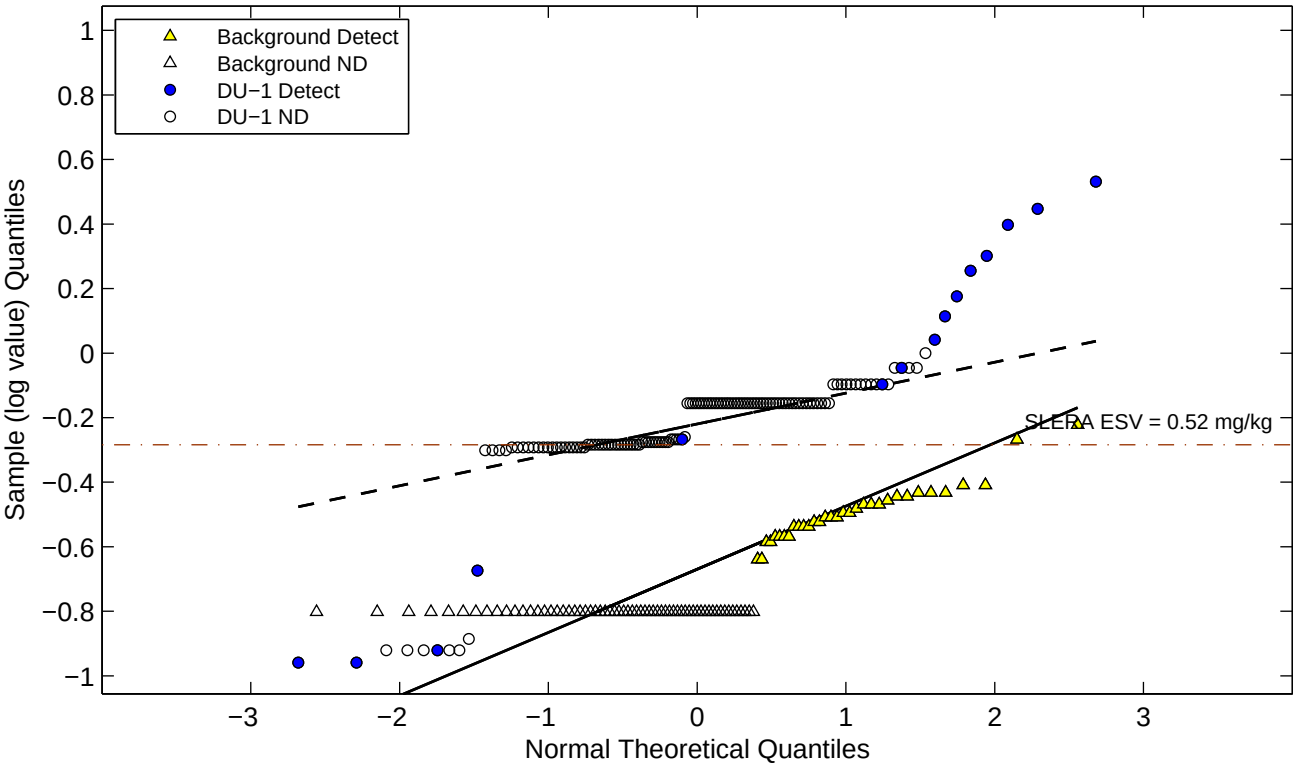
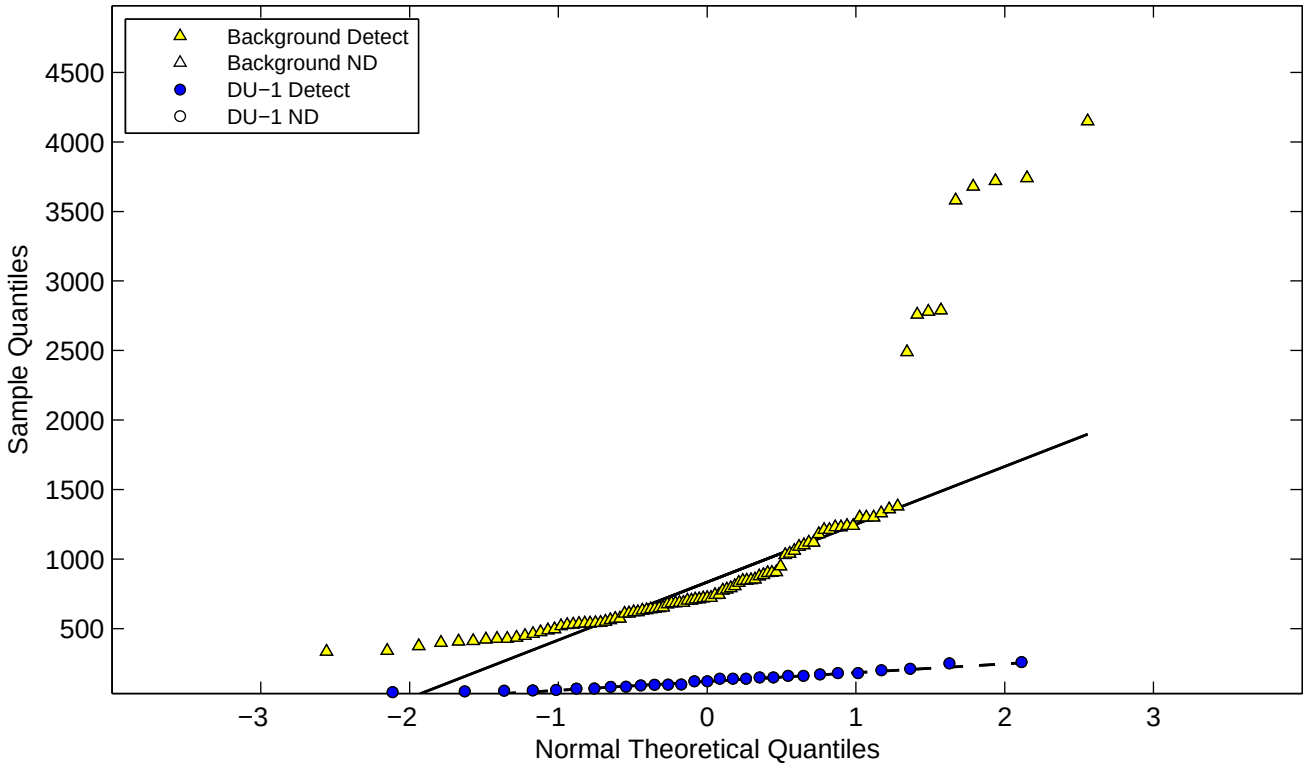


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1) Silicon



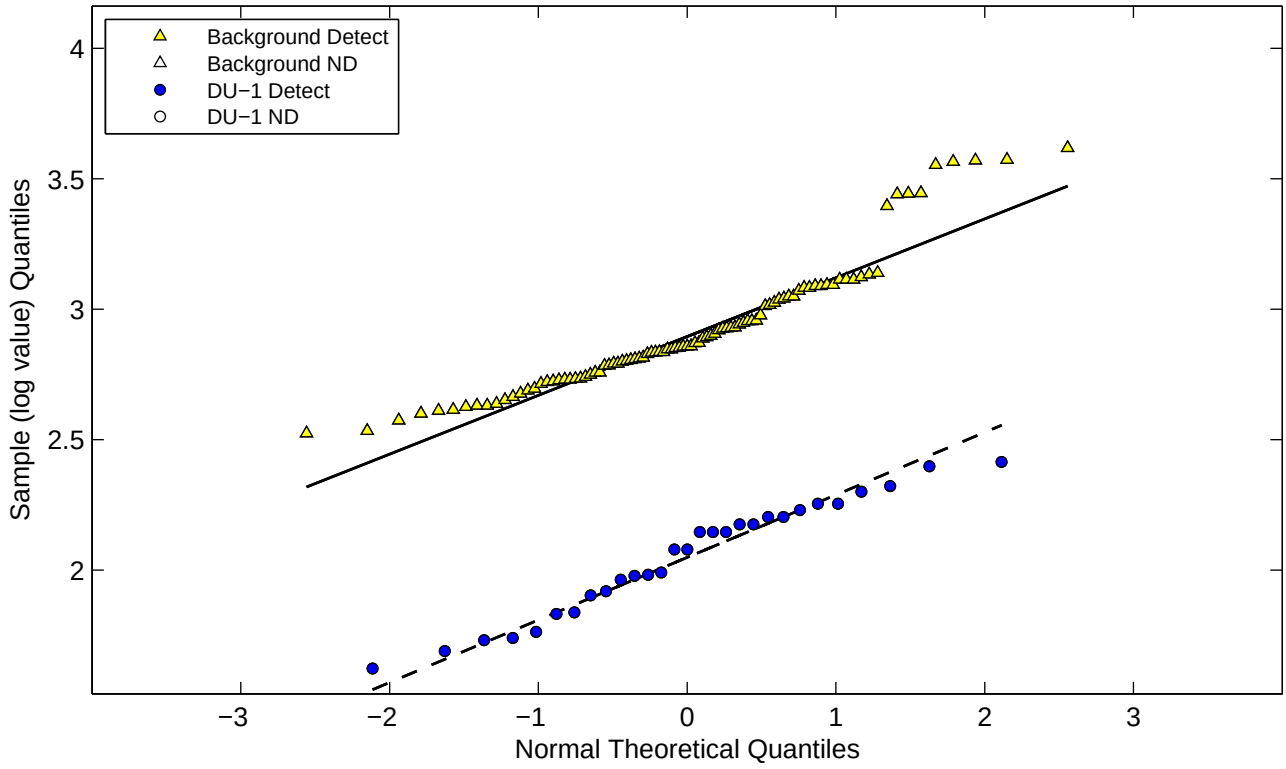
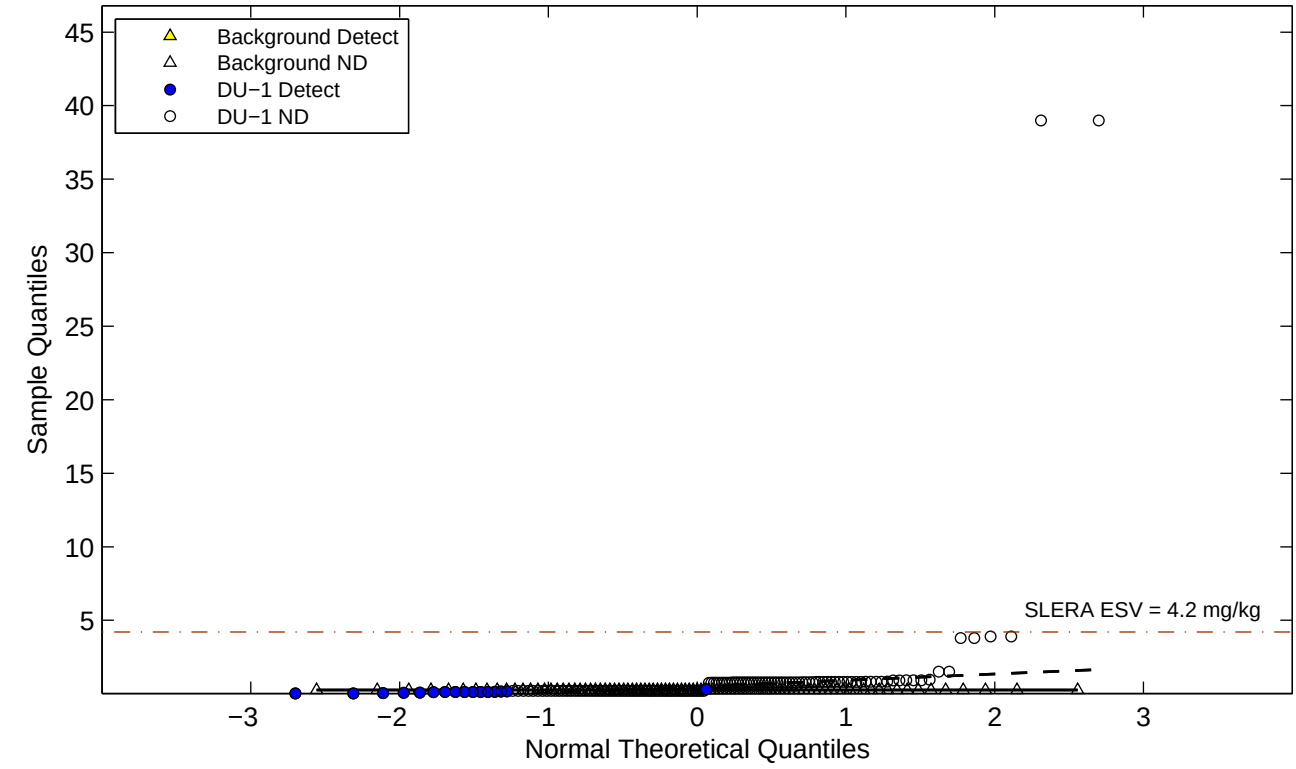


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1)
Silver



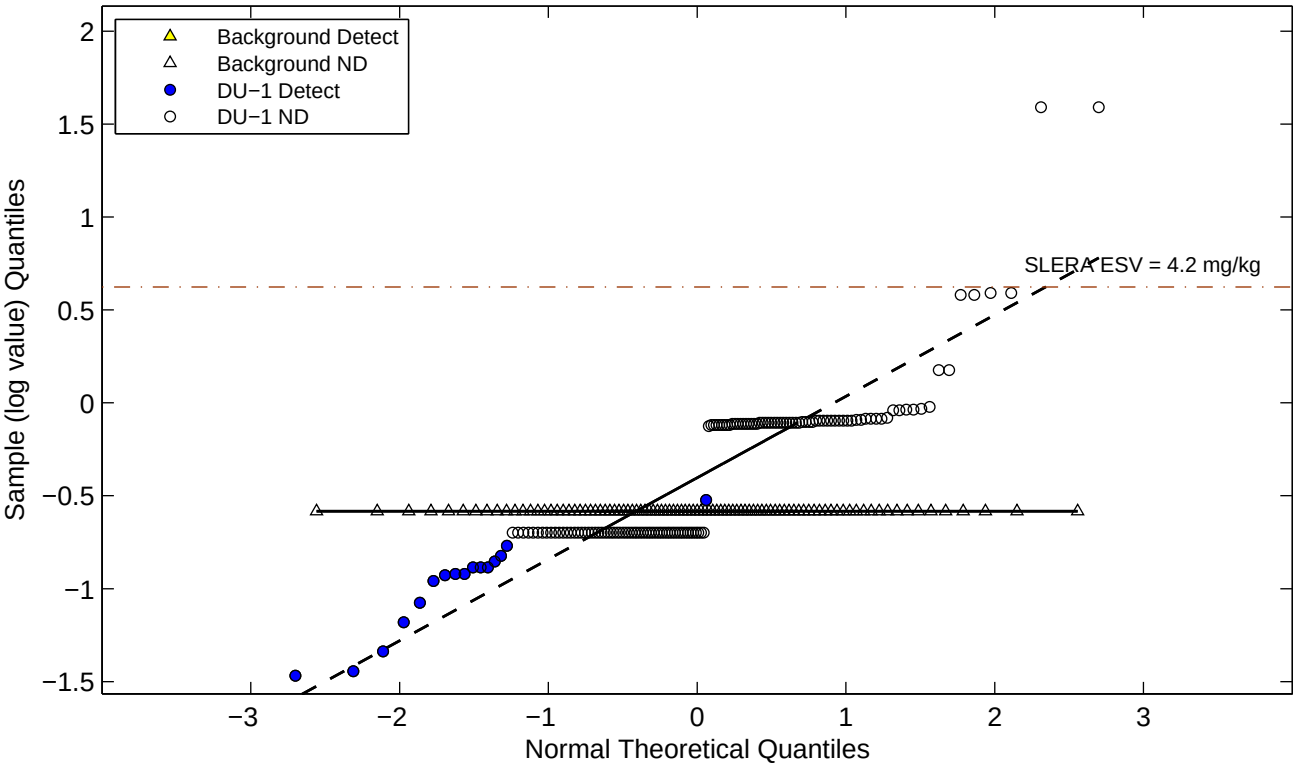
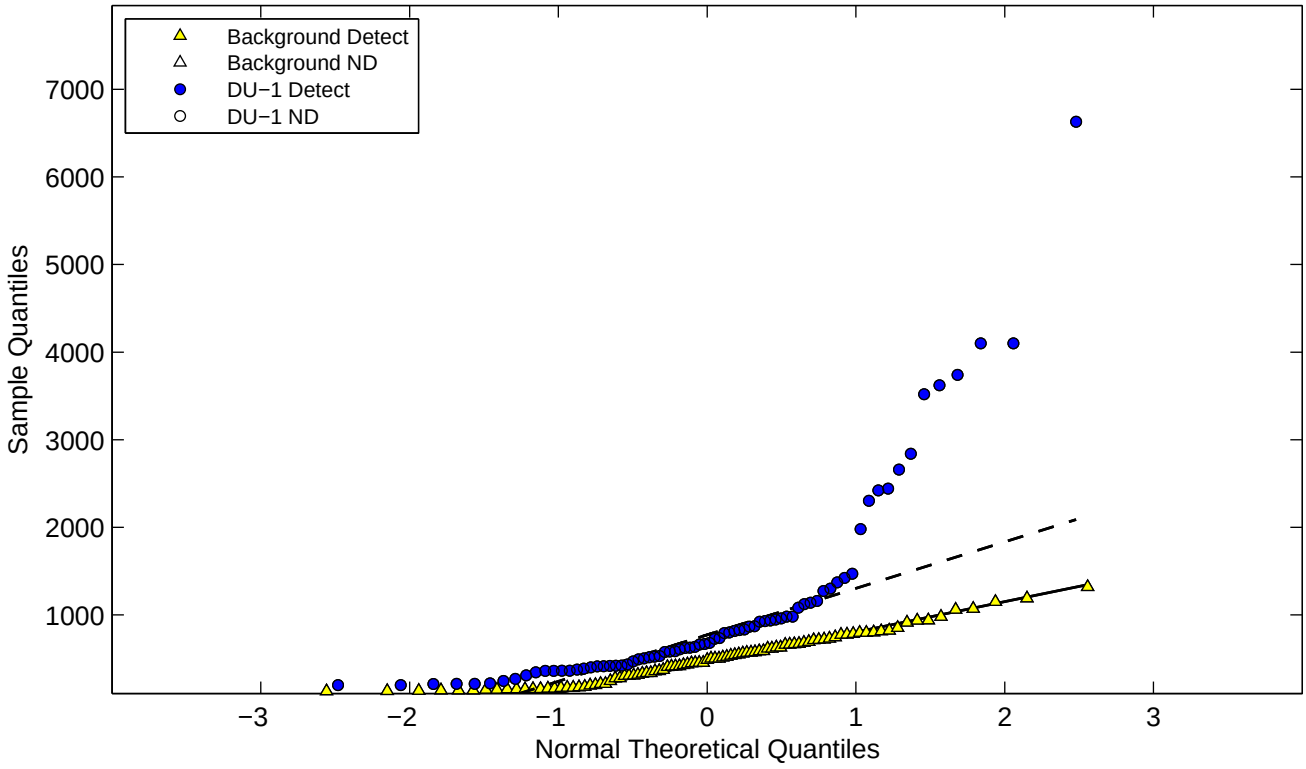


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1)
Sodium



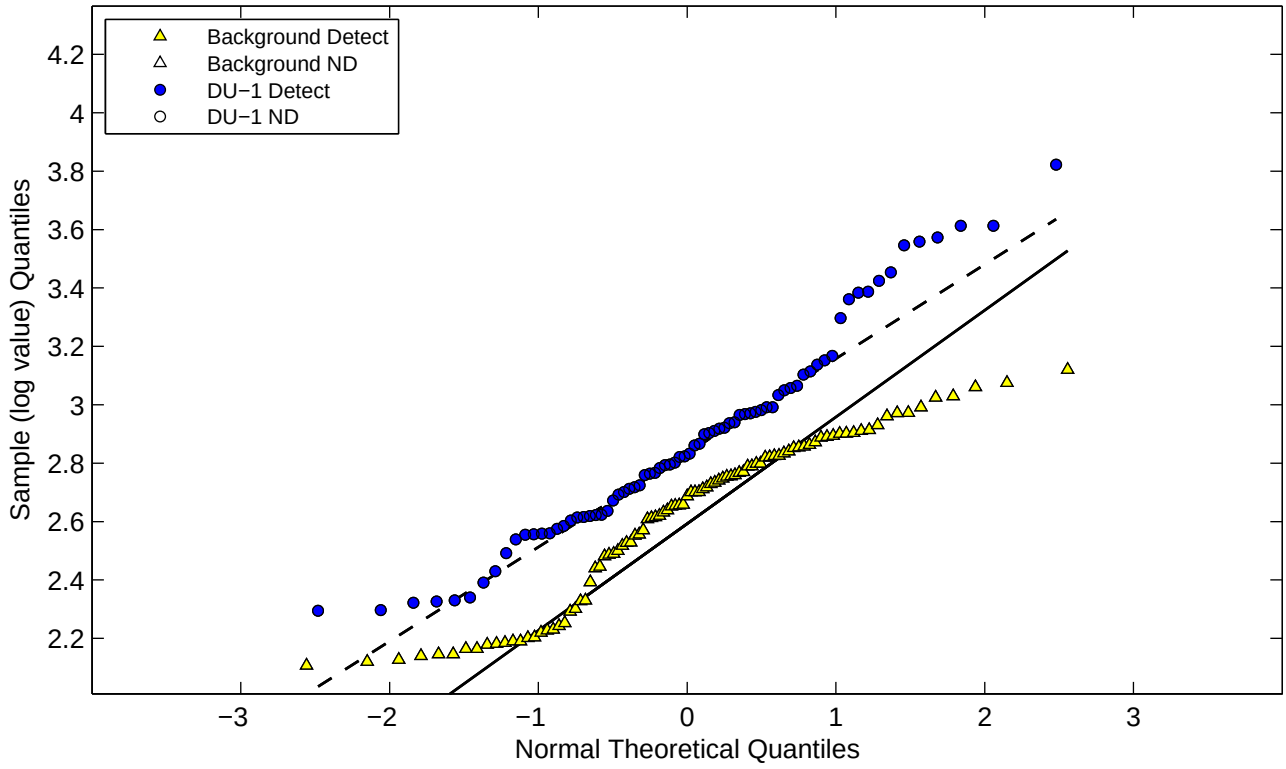
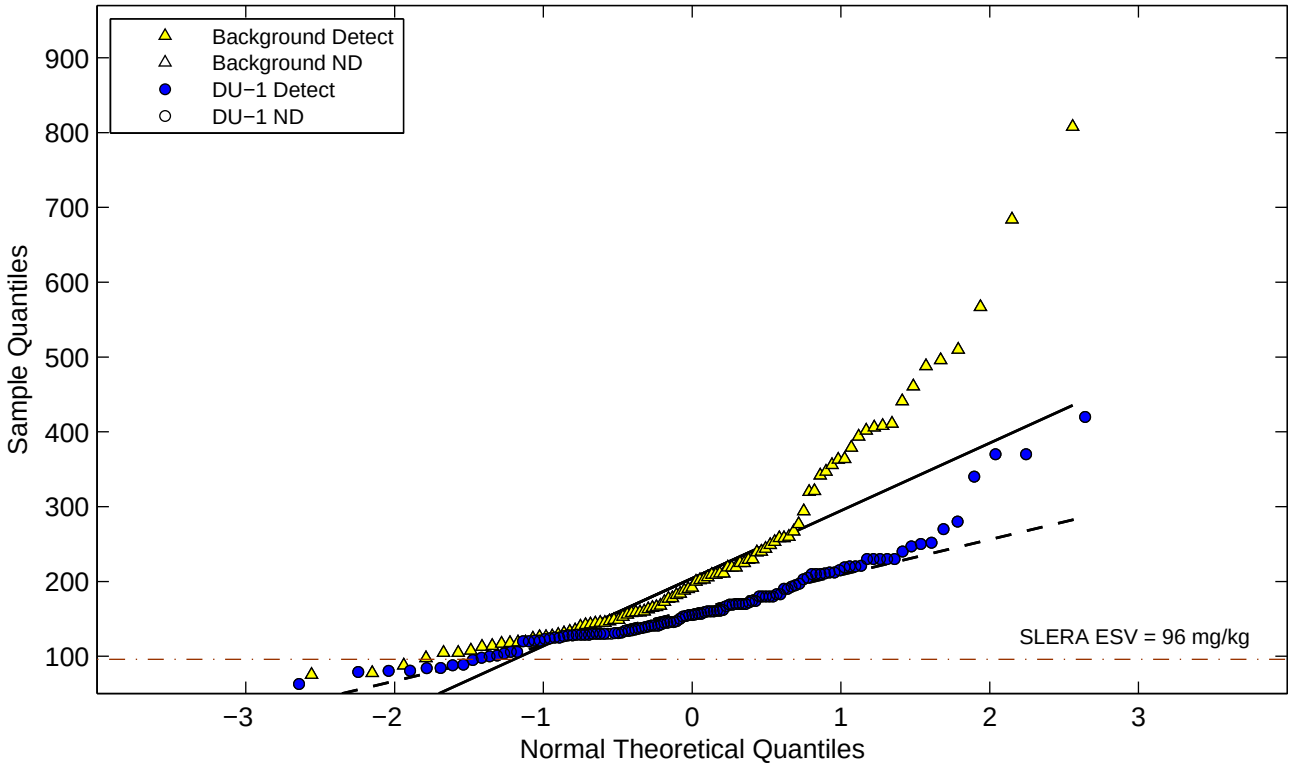


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1) Strontium



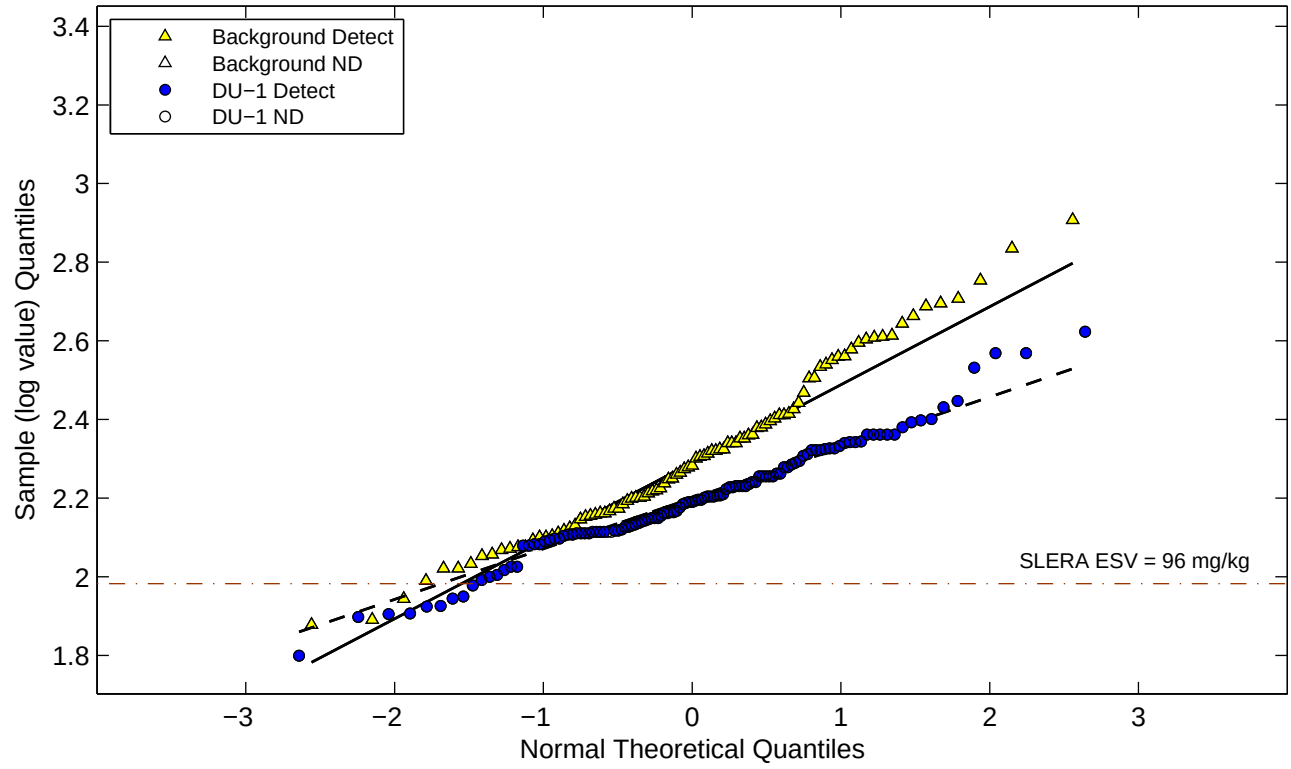
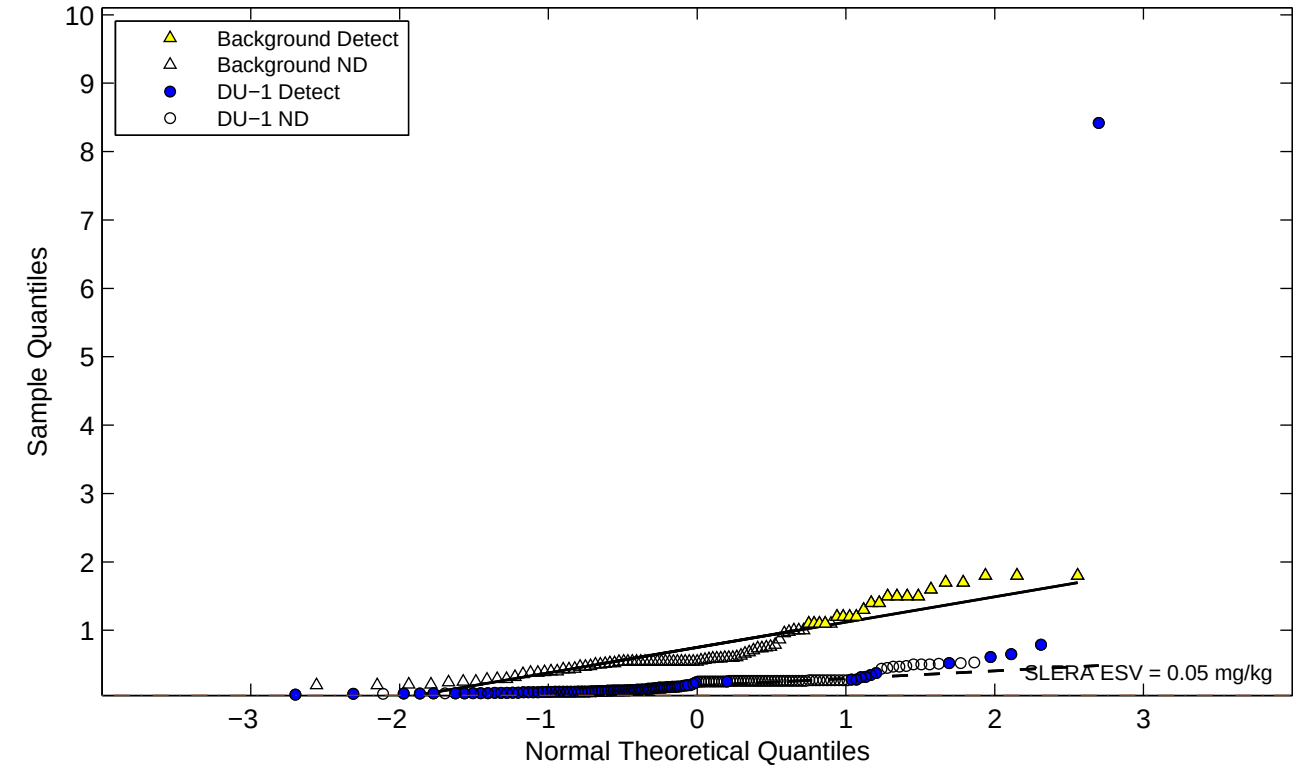


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1) Thallium



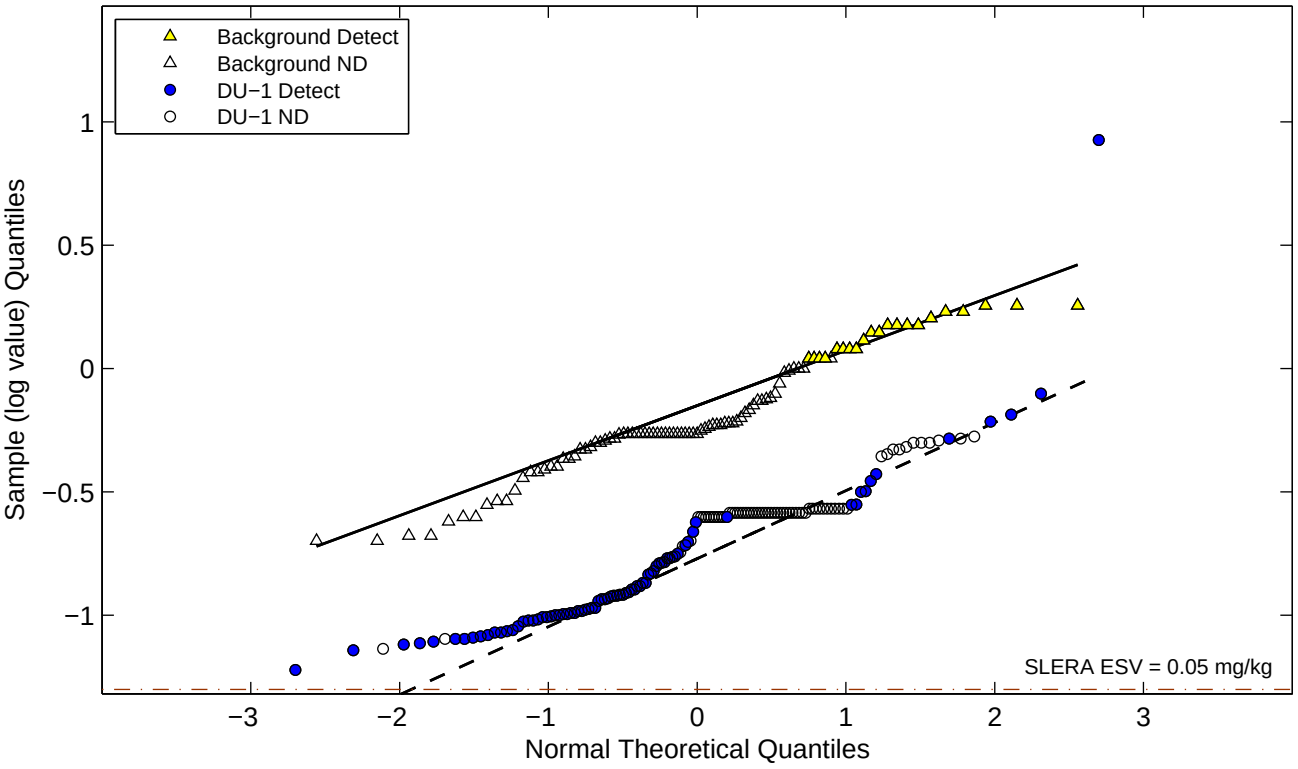
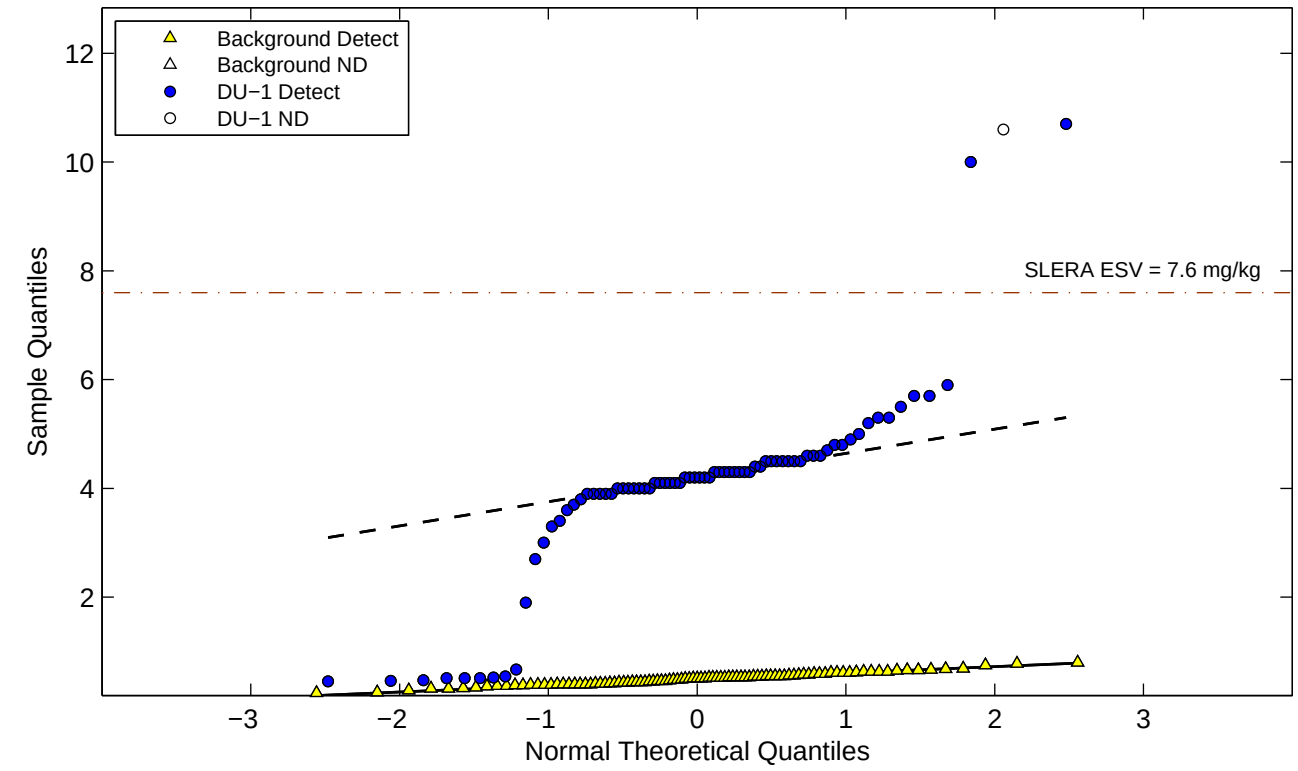


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1)
Tin



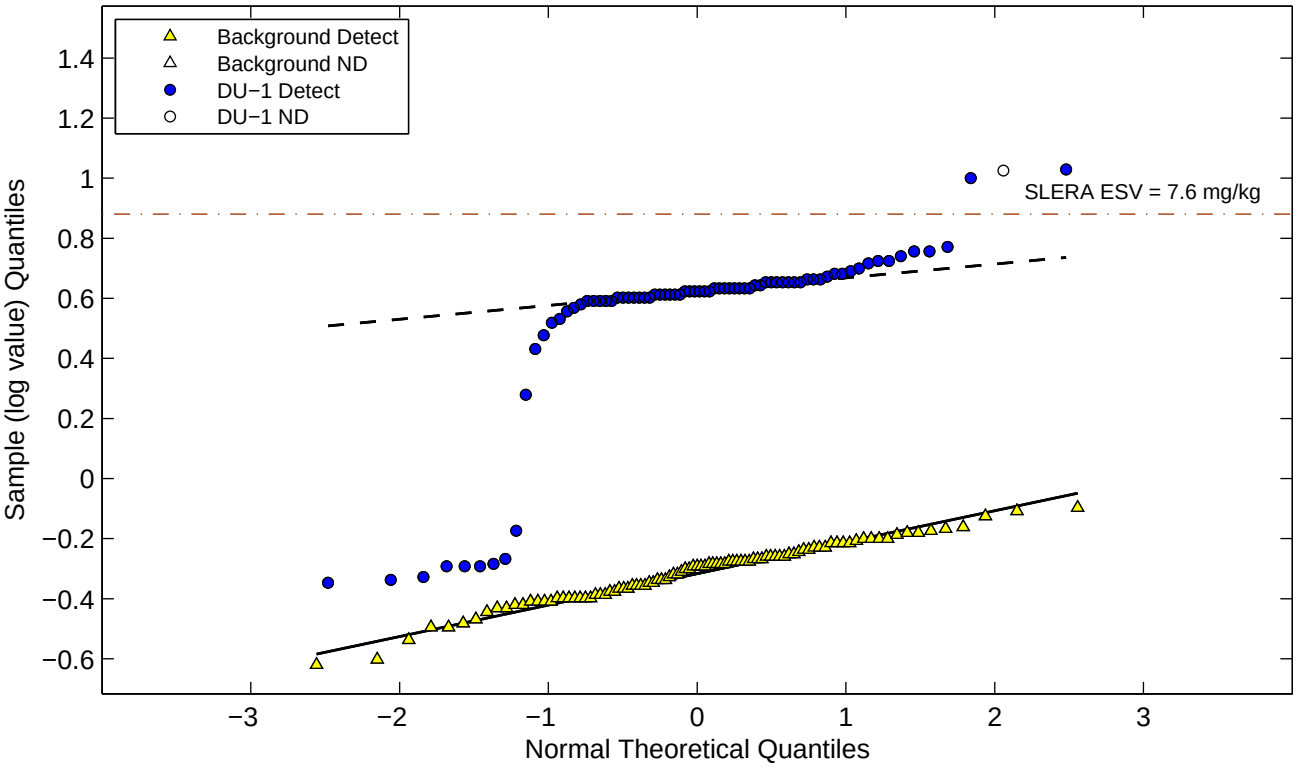
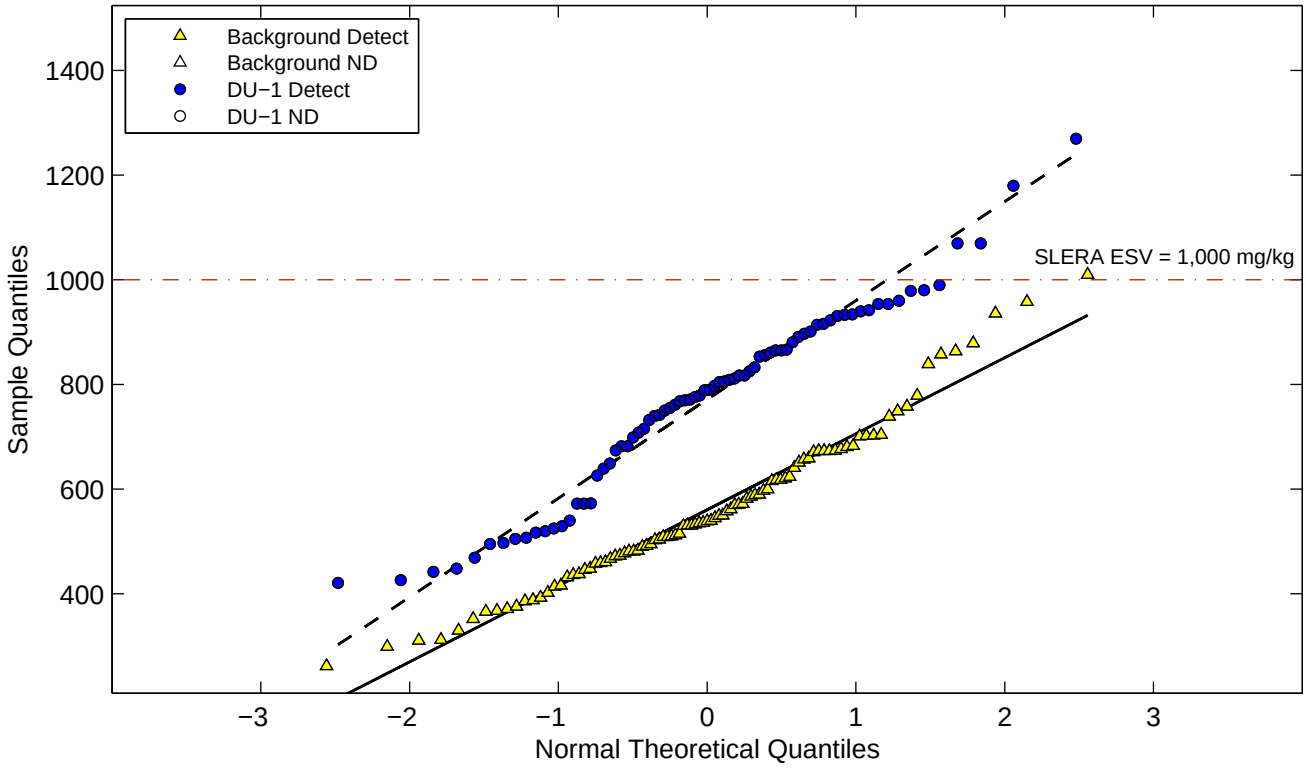


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1) Titanium



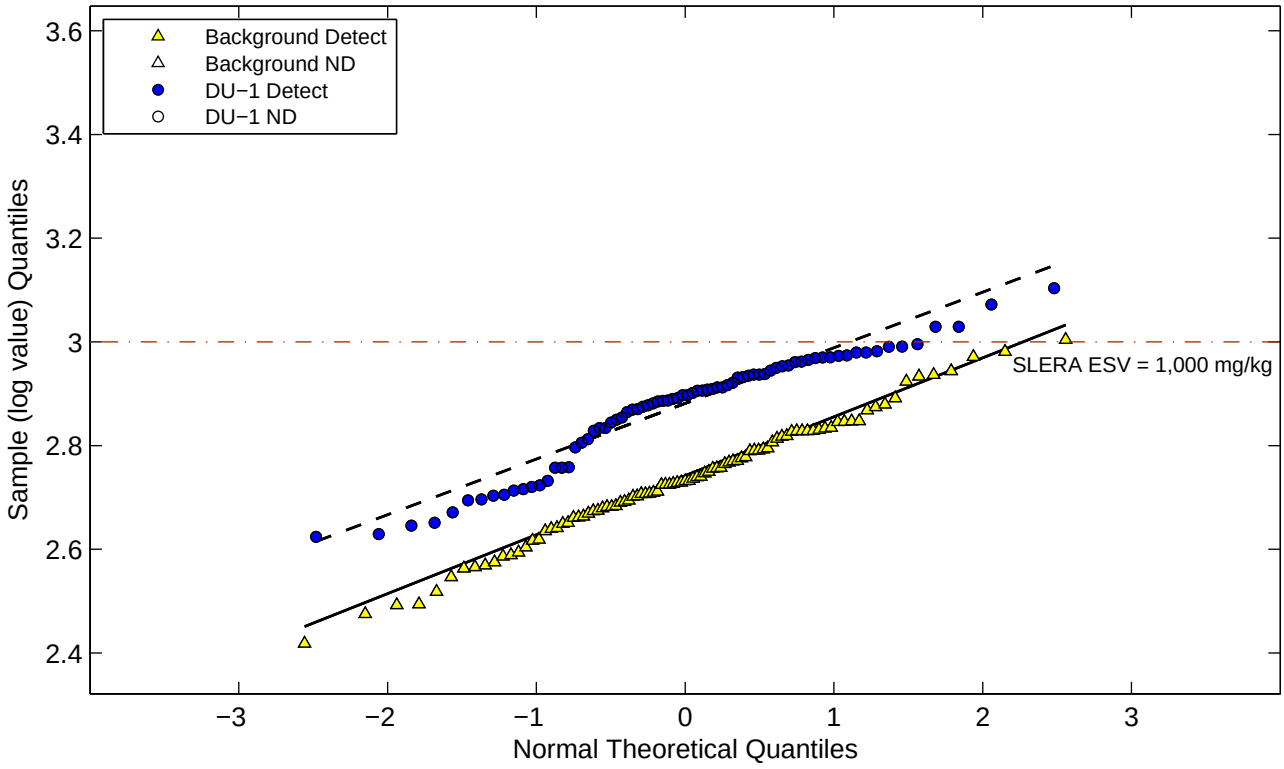
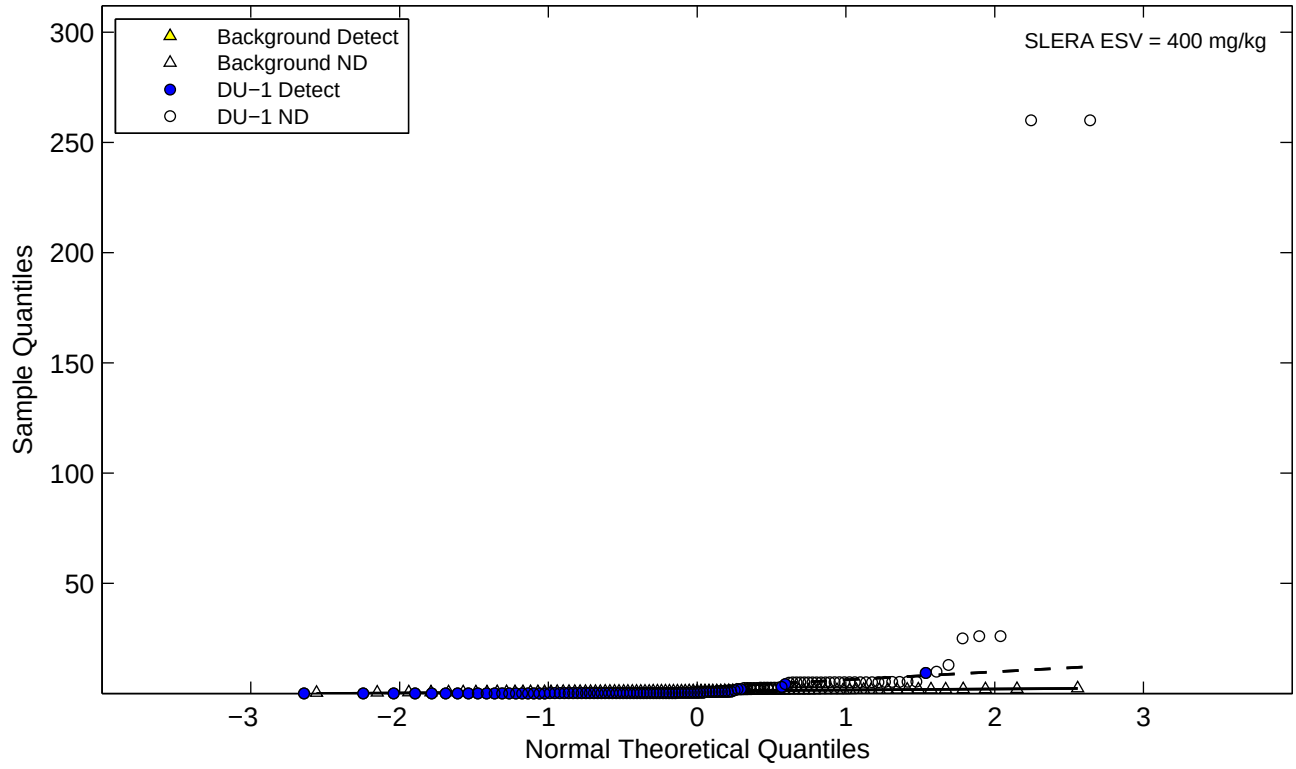


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1) Tungsten



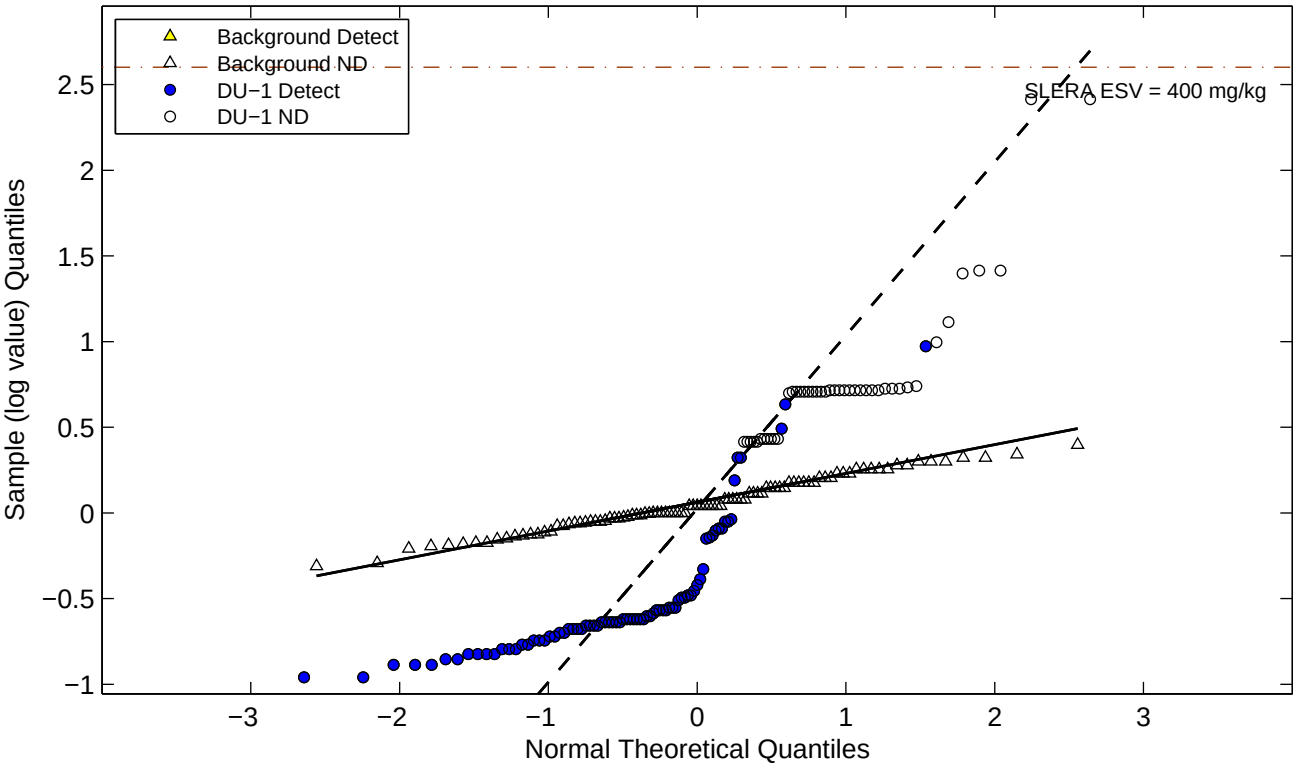
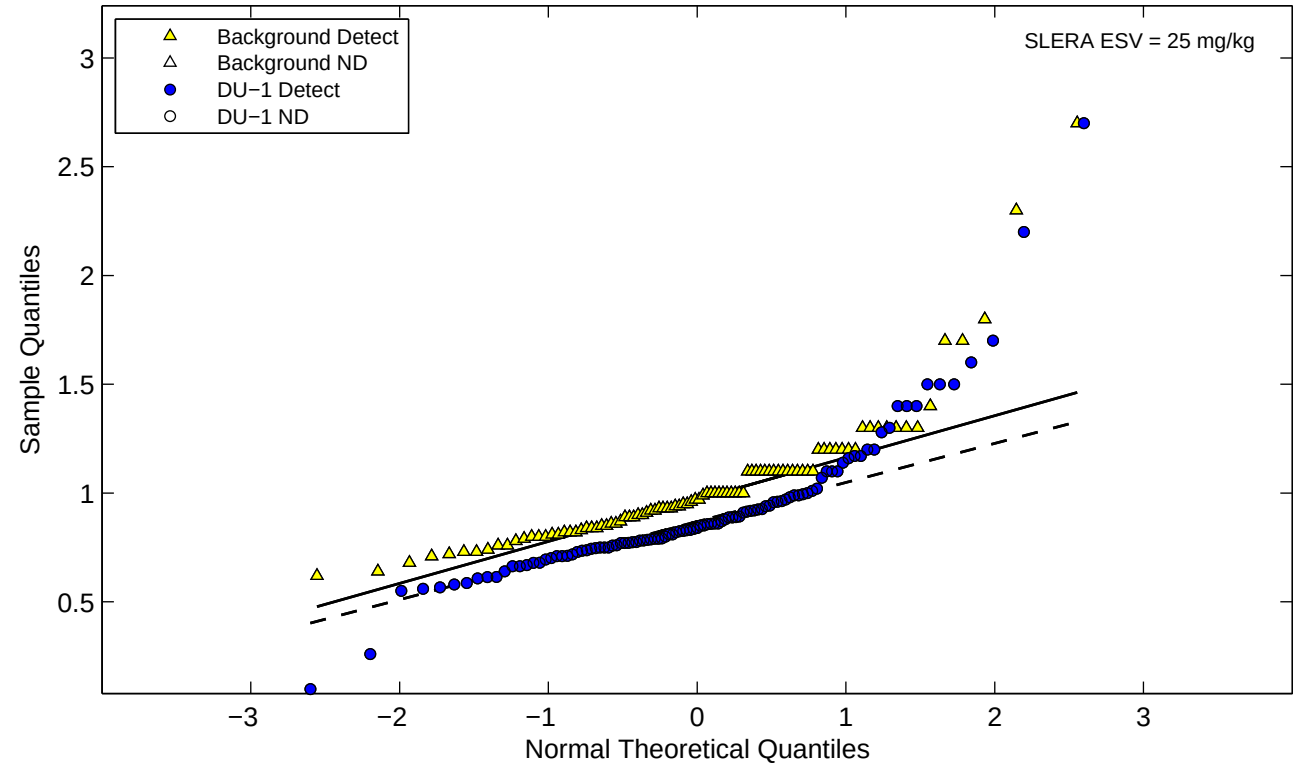


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1)
Uranium (total)



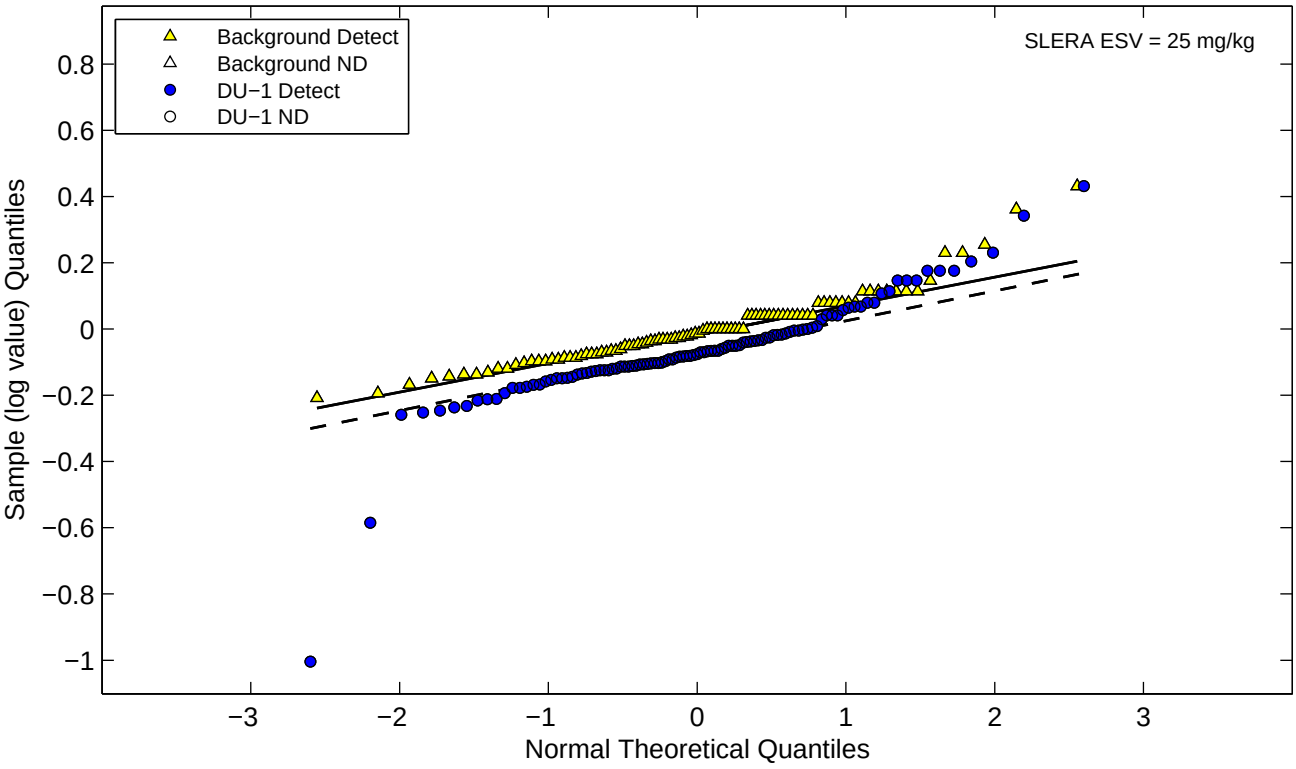
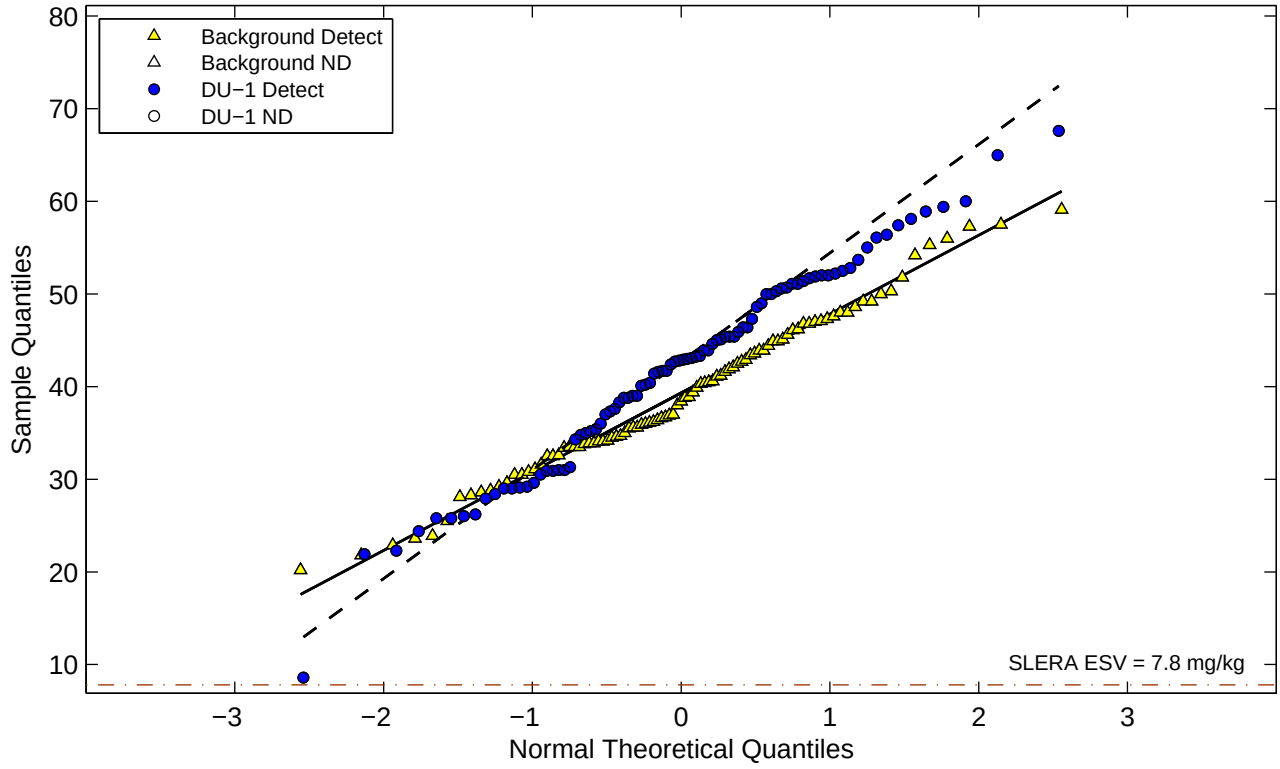


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1) Vanadium



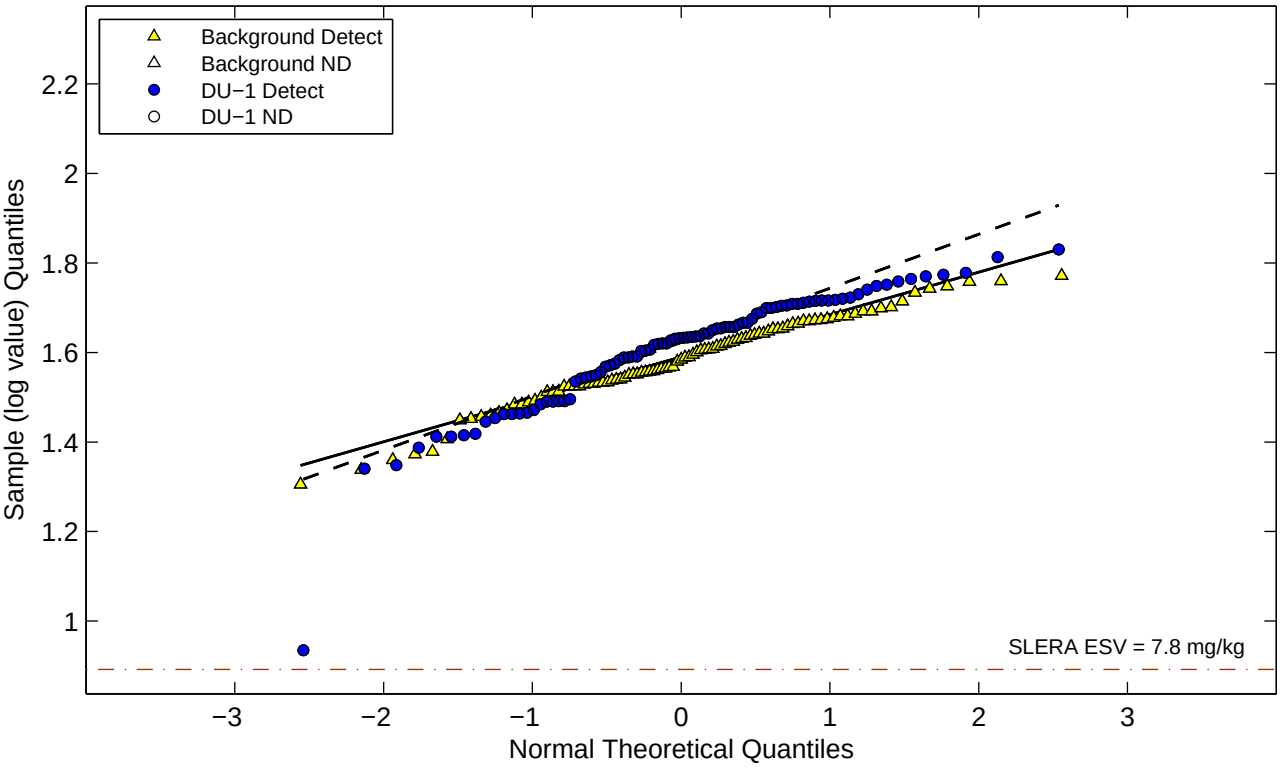
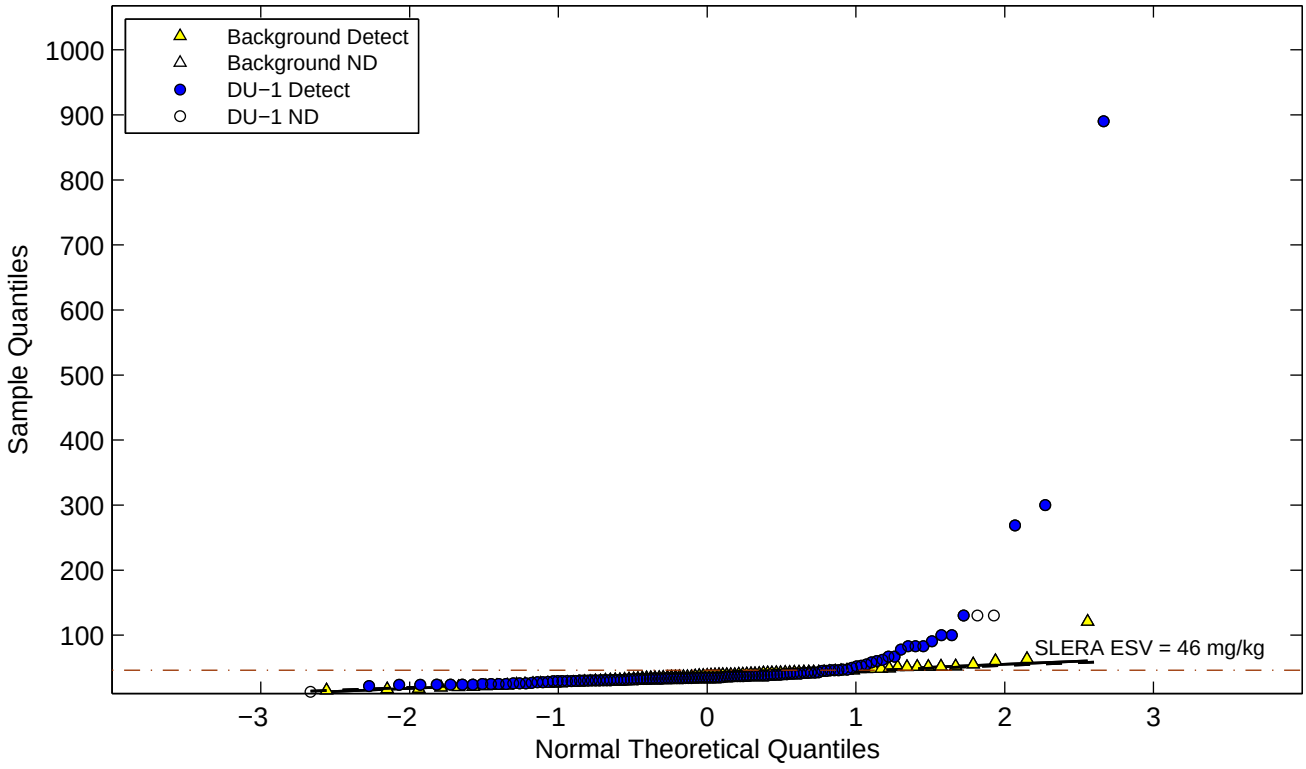


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1)
Zinc



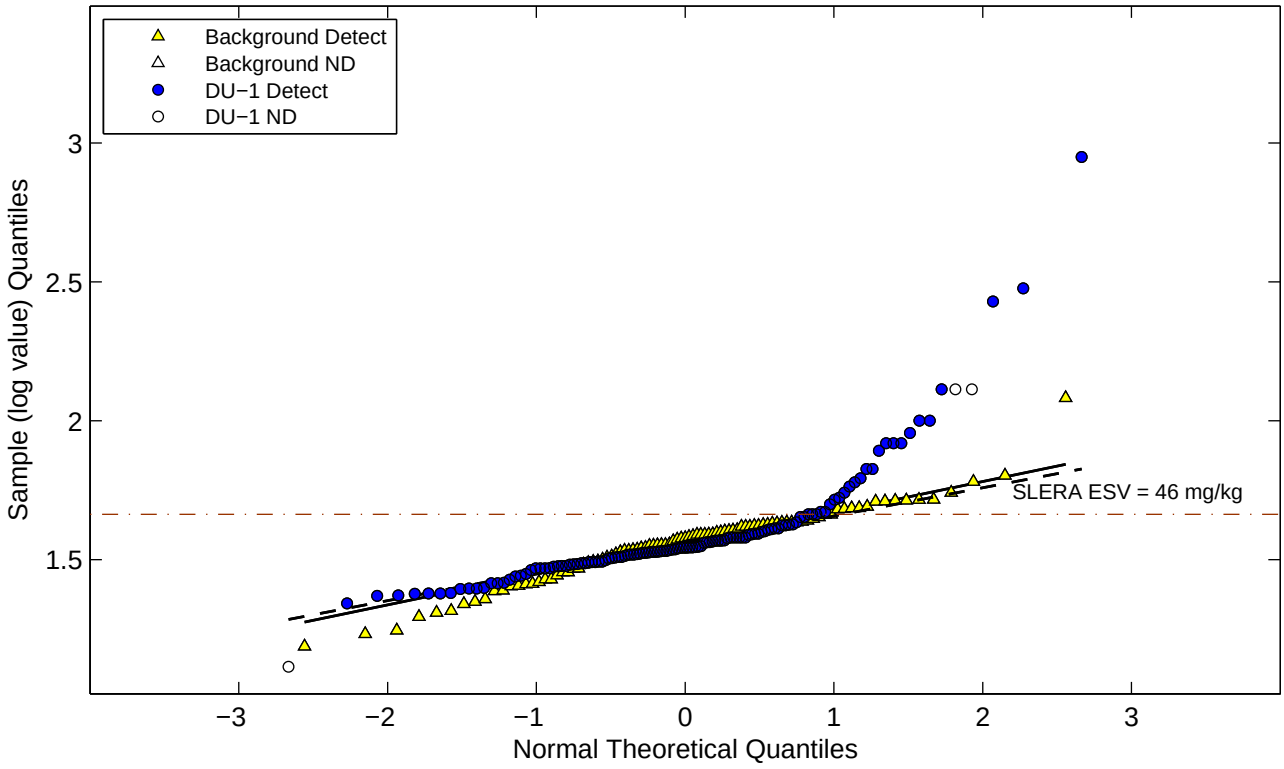
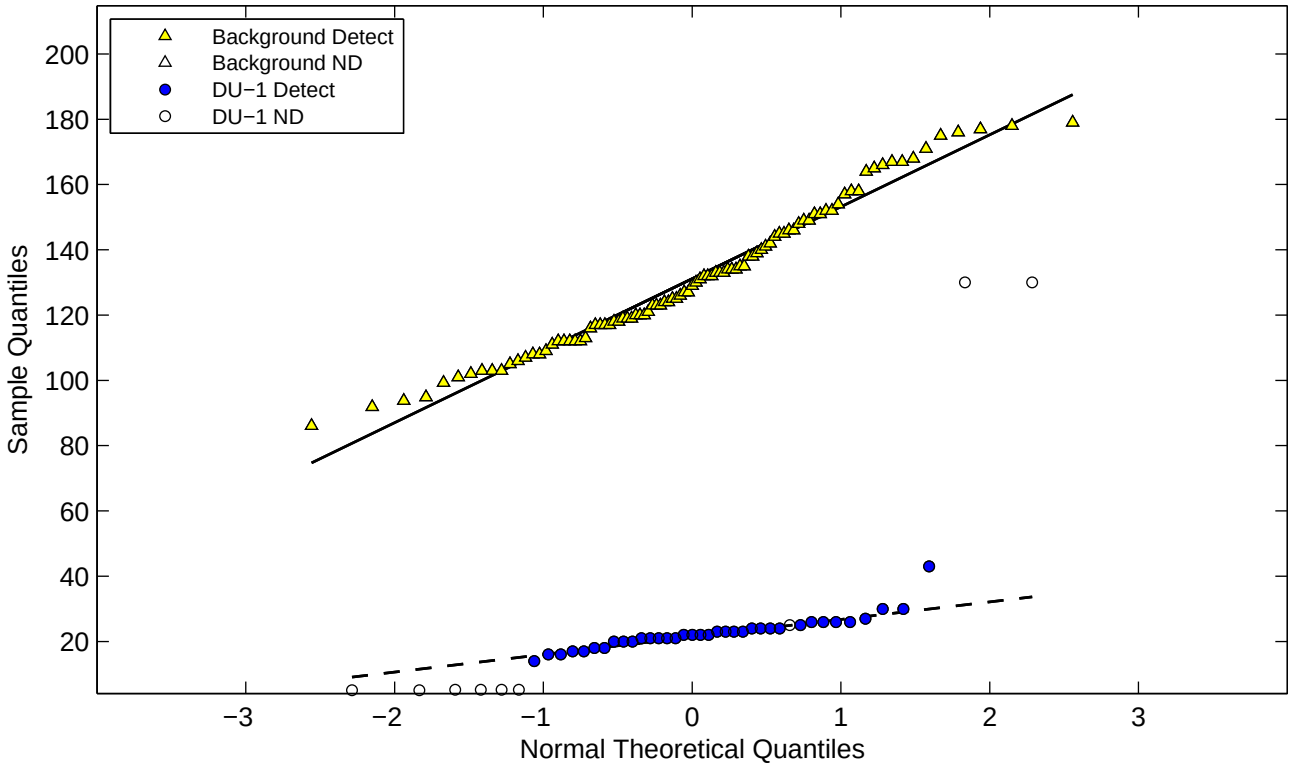


Figure E−2e. Normal and Lognormal Q−Q Plots for Metals (Eco DU−1) Zirconium



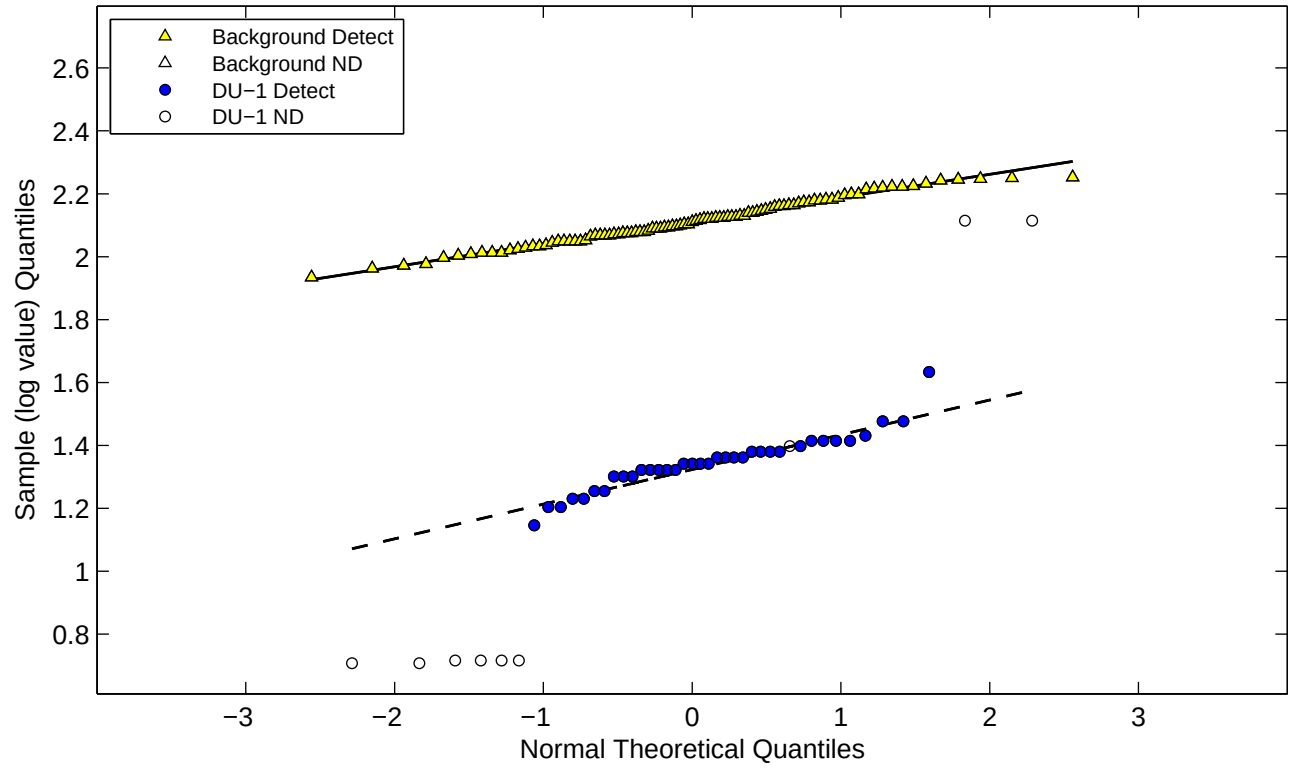
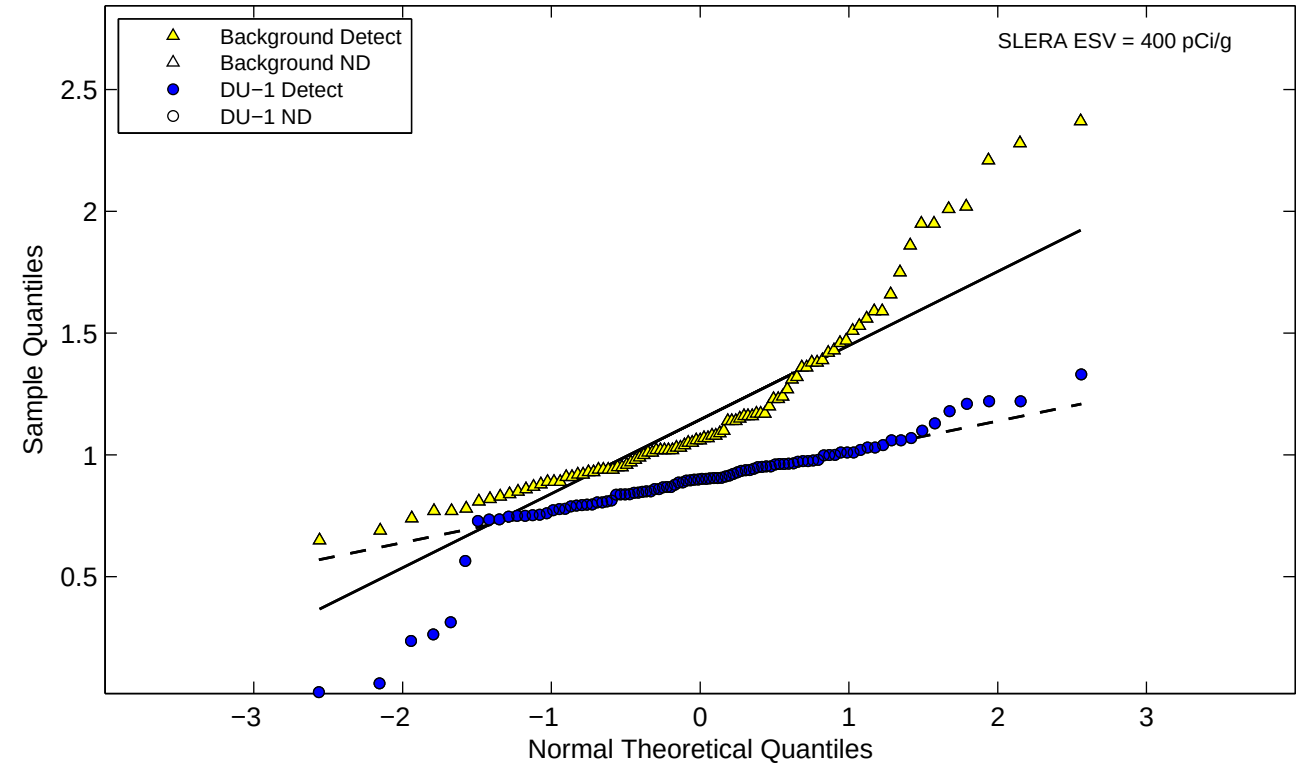


Figure E−2f. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−1)
Uranium−238



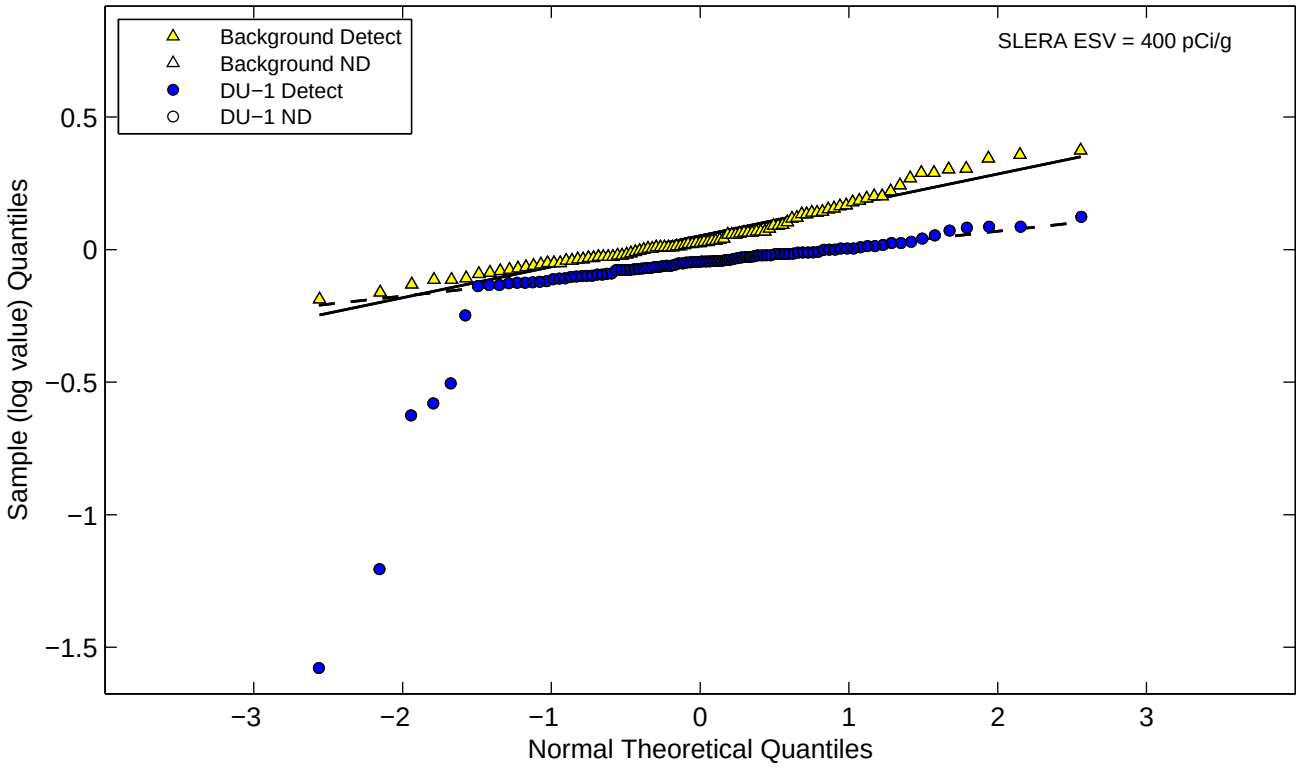
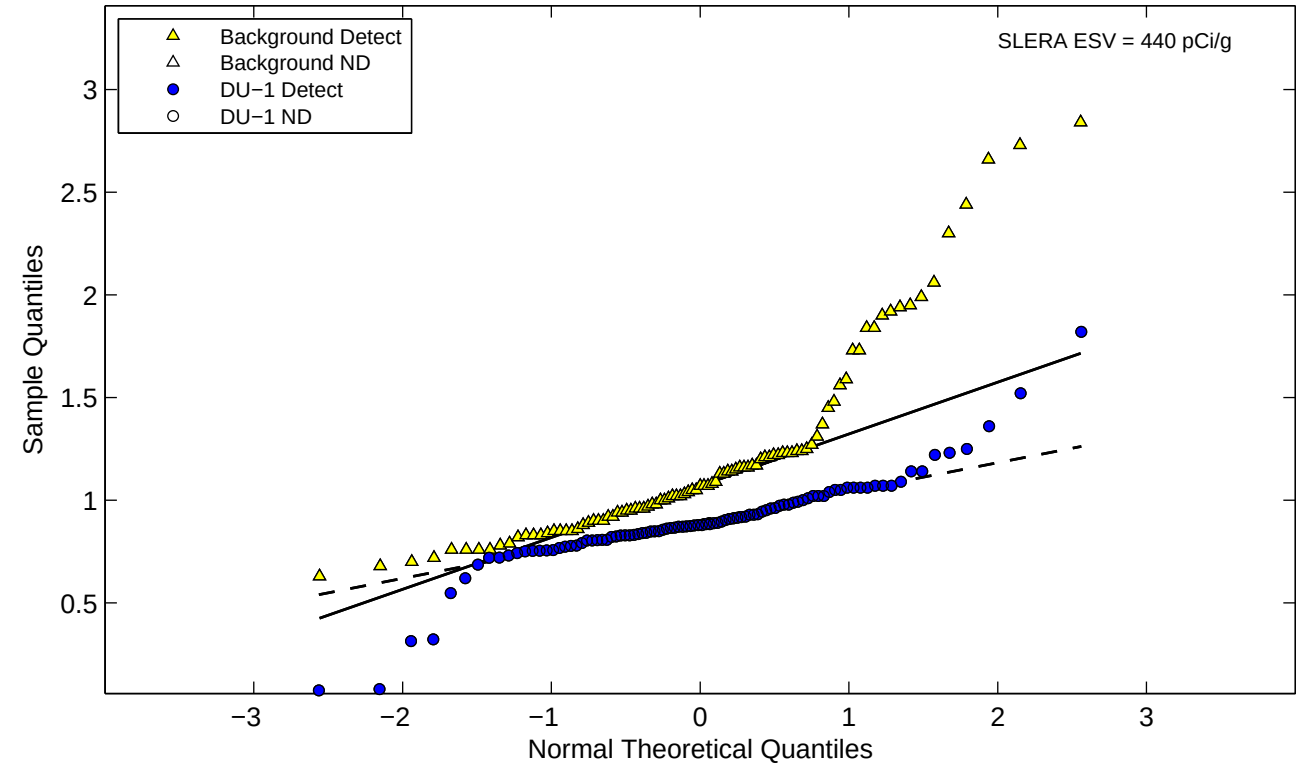


Figure E−2f. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−1)
Uranium−234



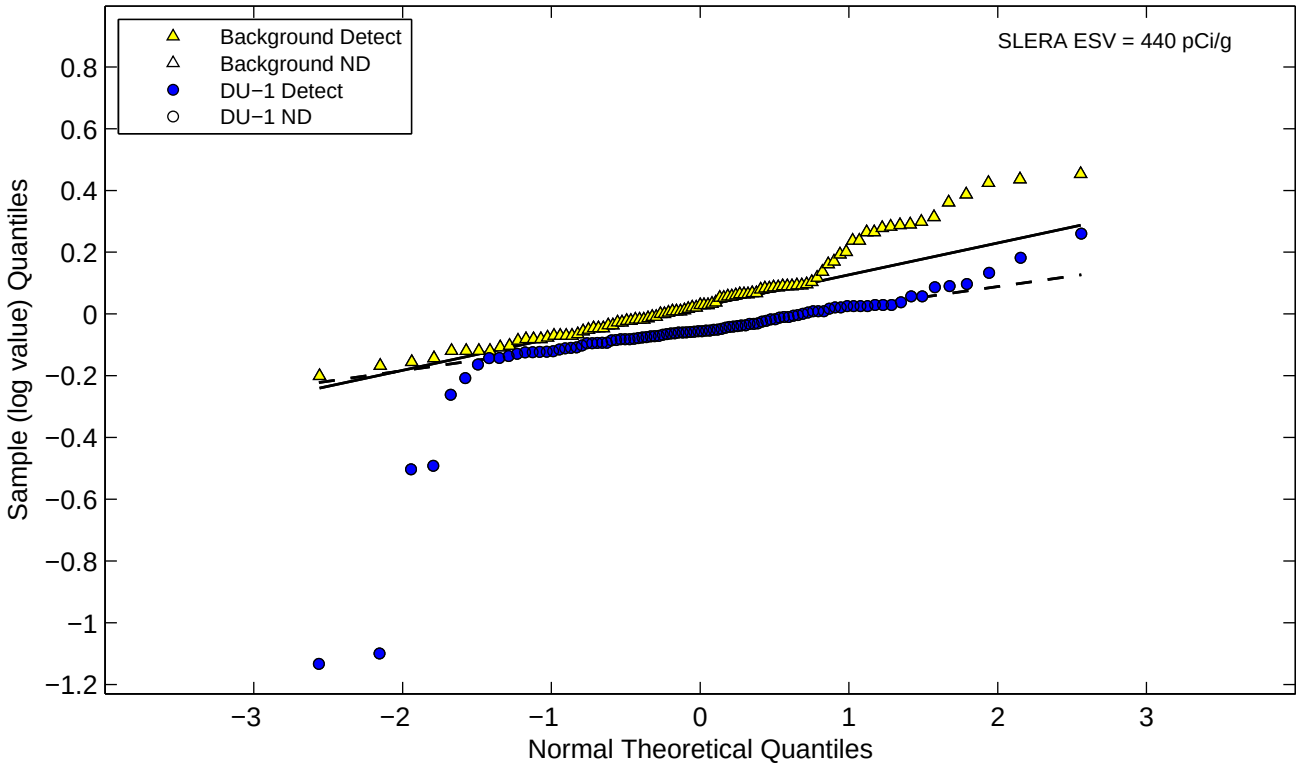
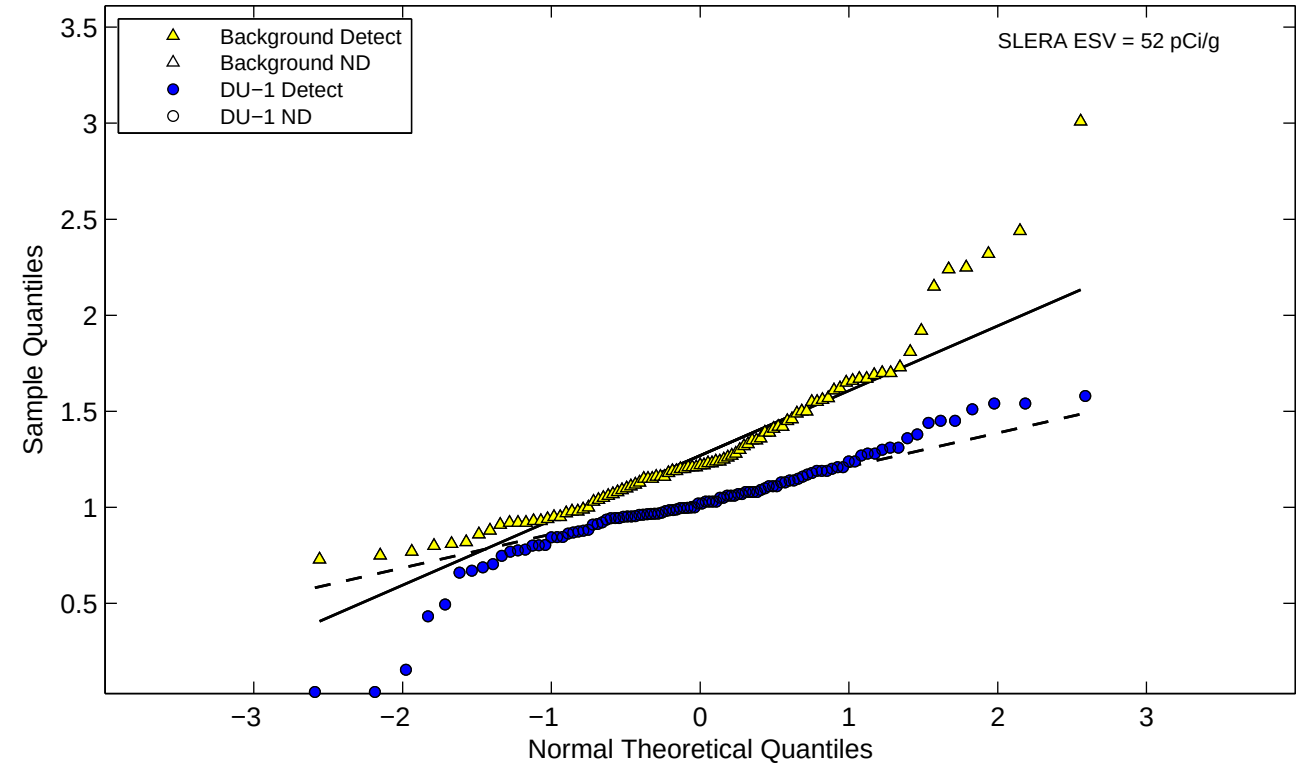


Figure E−2f. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−1) Thorium−230



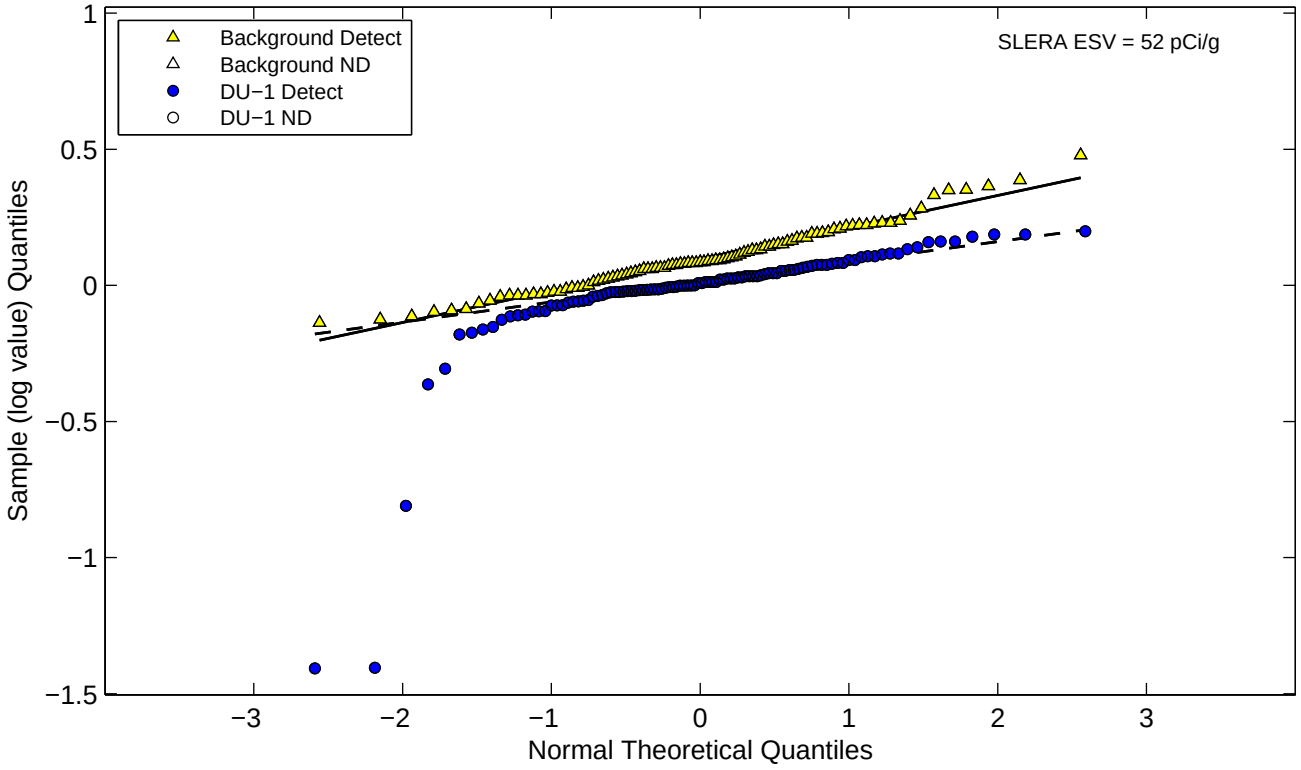
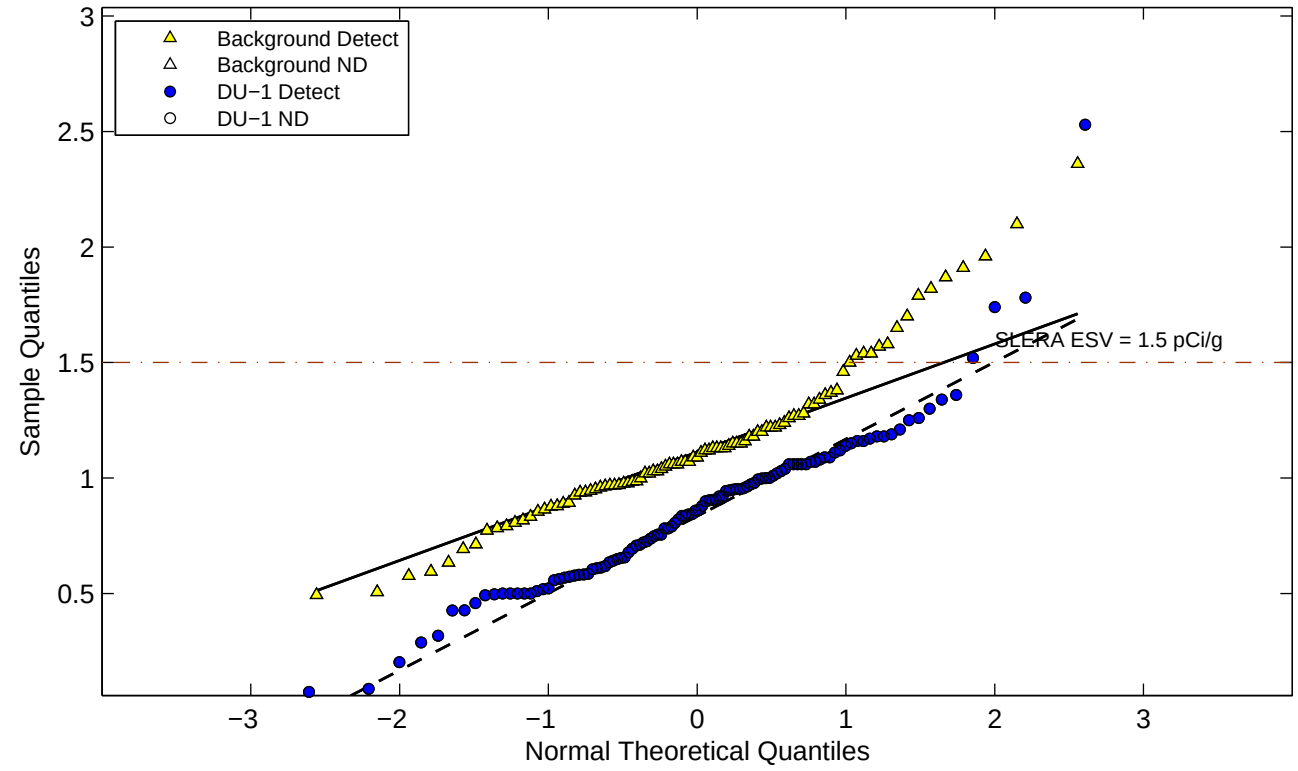


Figure E−2f. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−1)
Radium−226



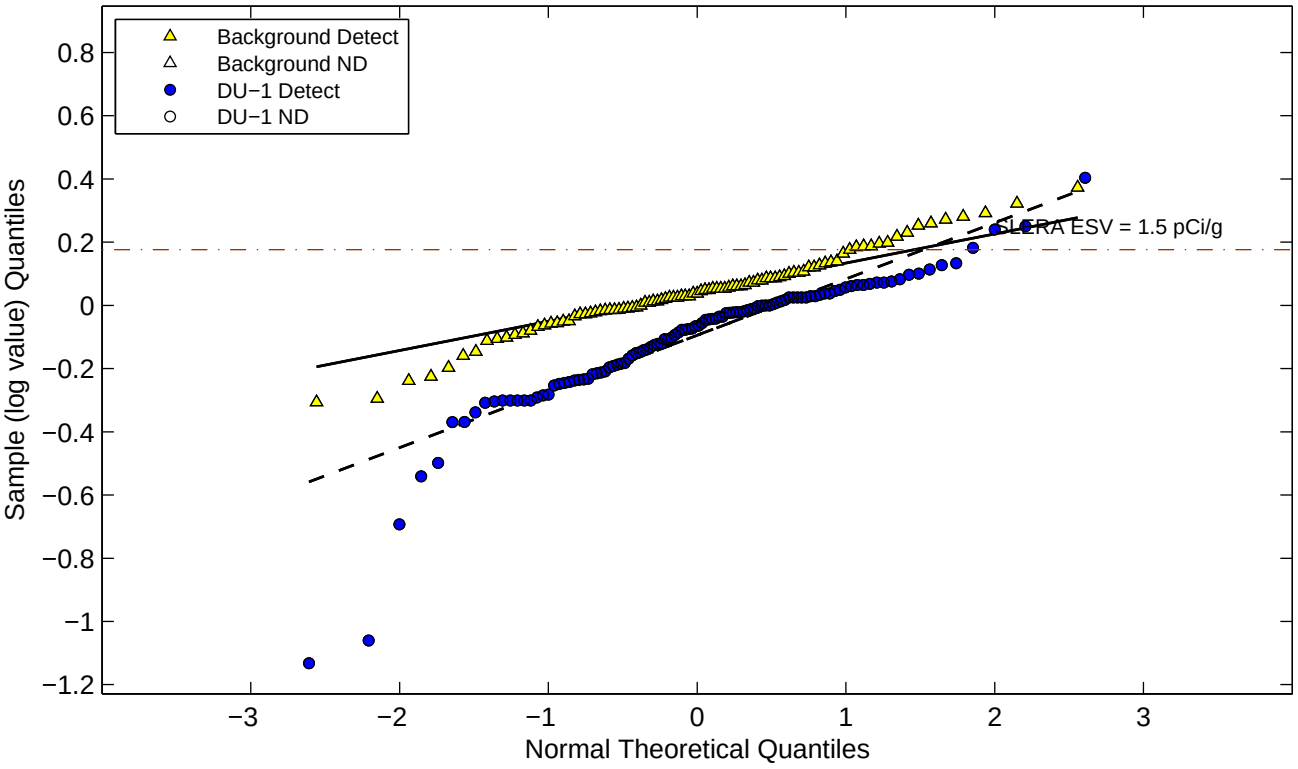
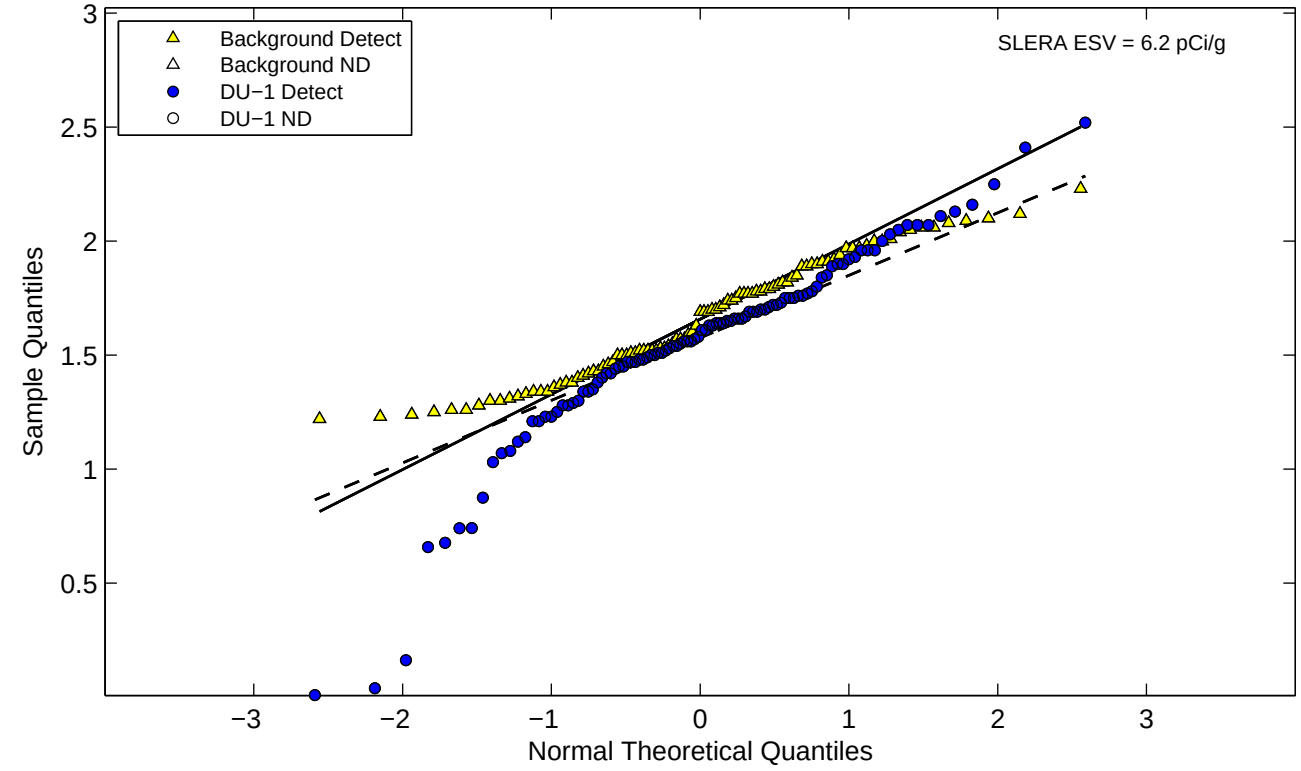


Figure E−2f. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−1) Thorium−232



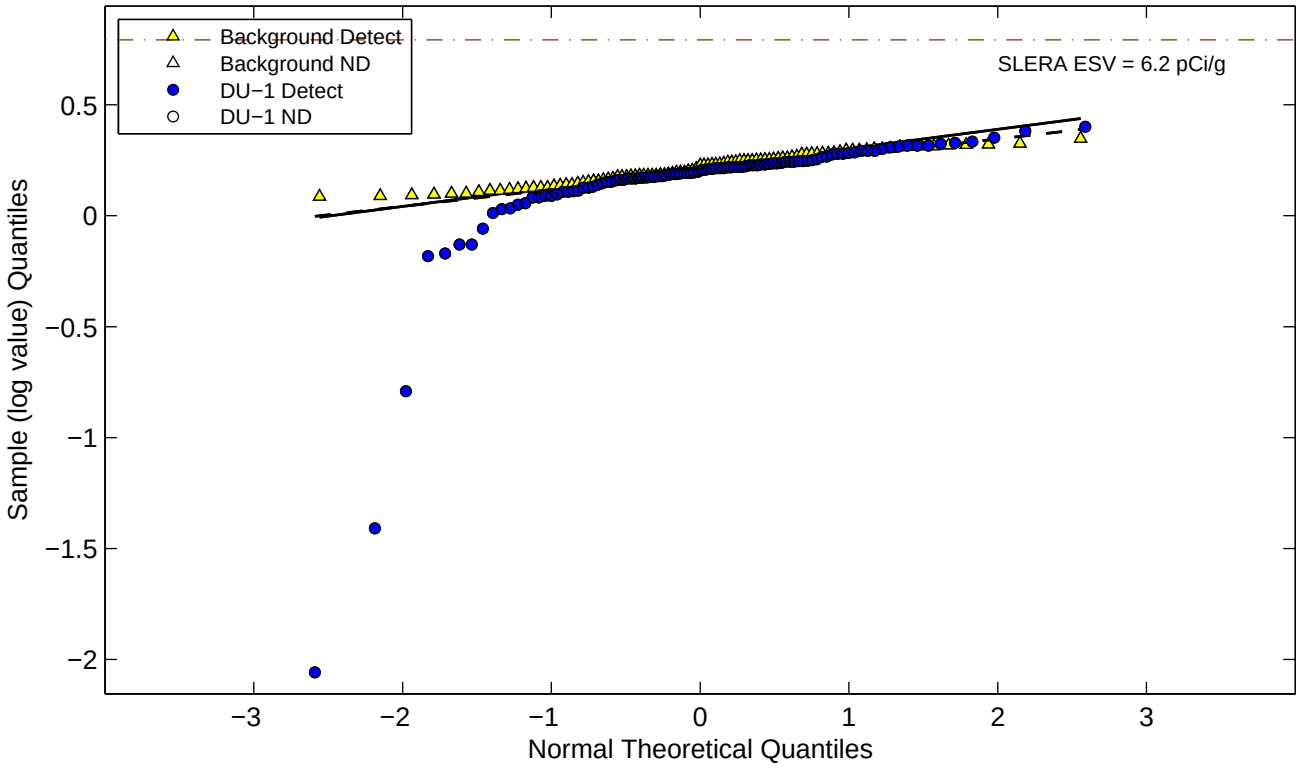
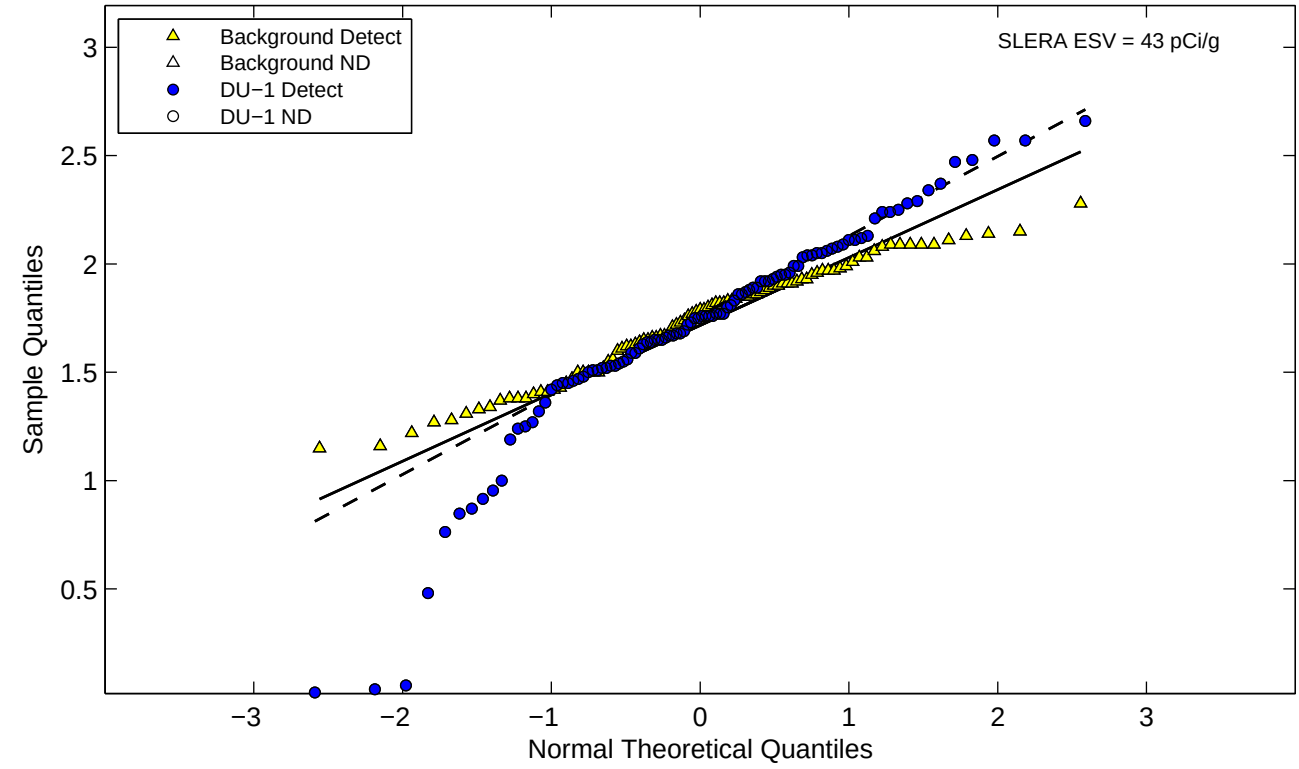


Figure E−2f. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−1)
Thorium−228



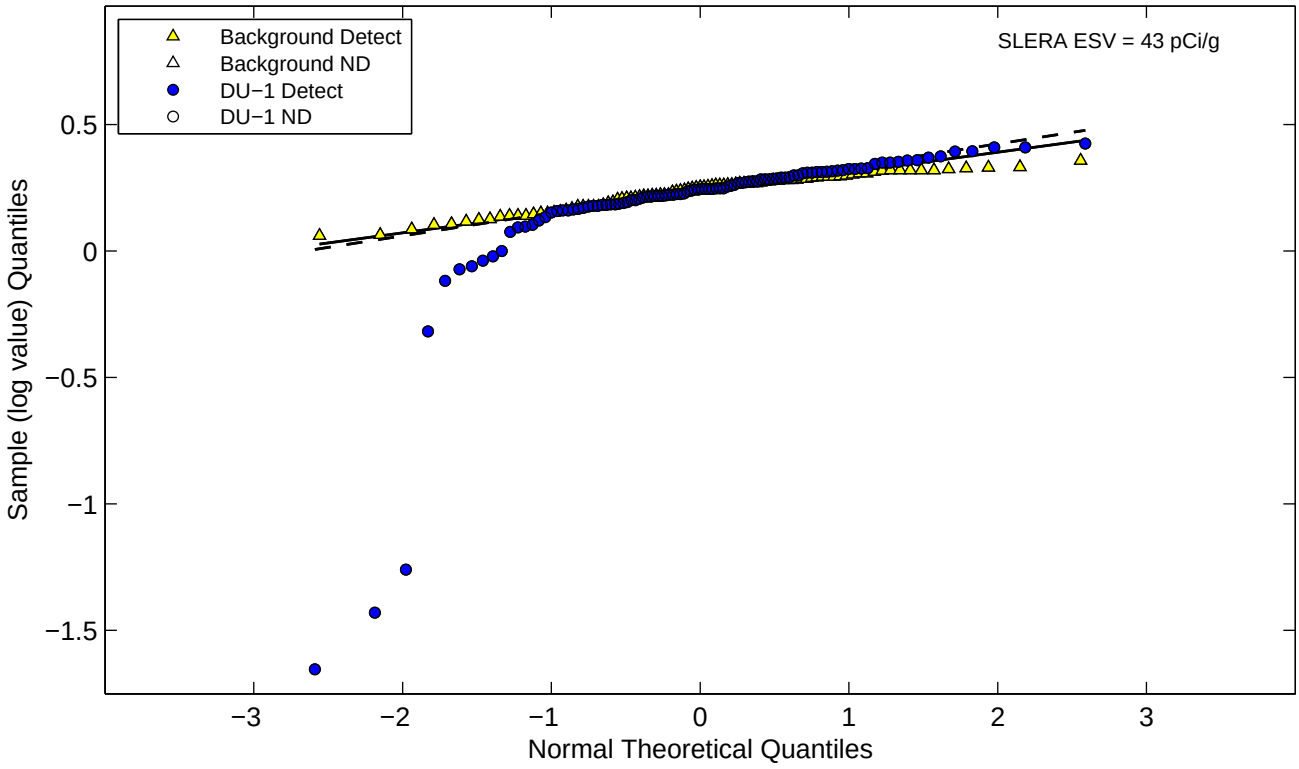
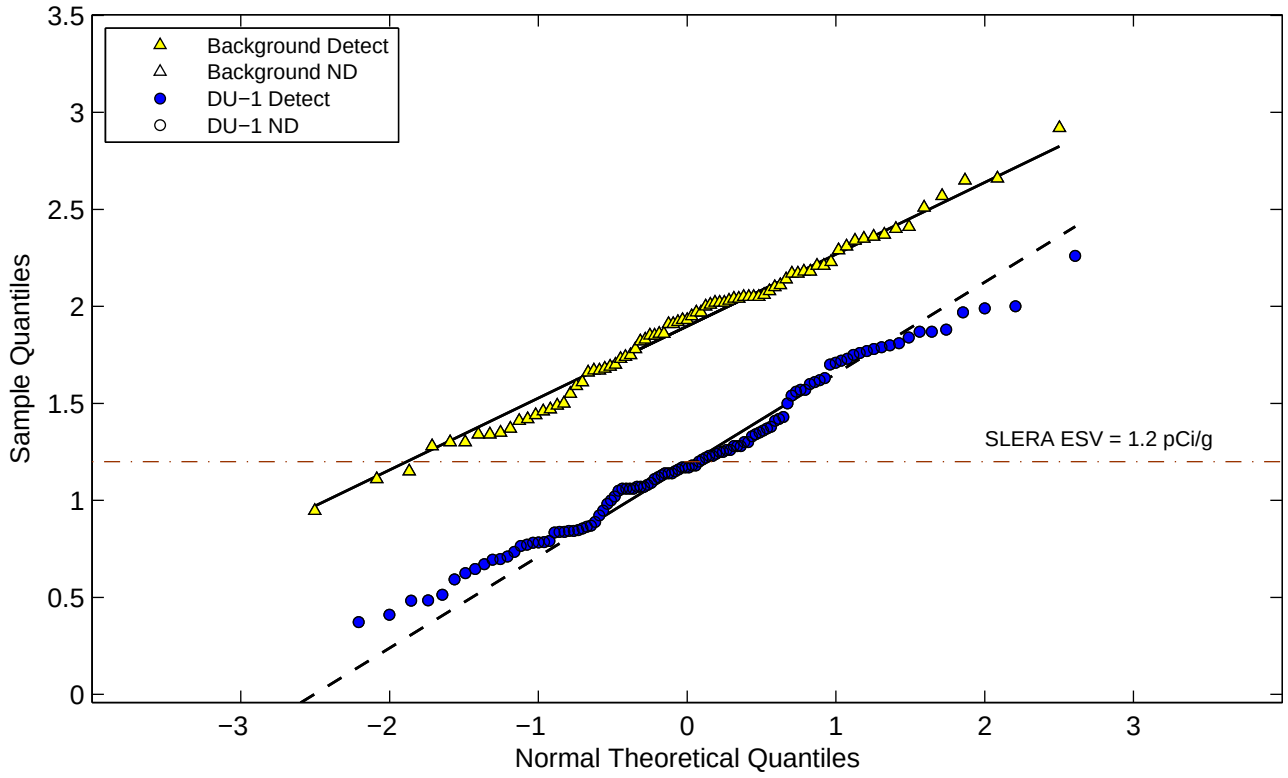


Figure E−2f. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−1) Radium−228



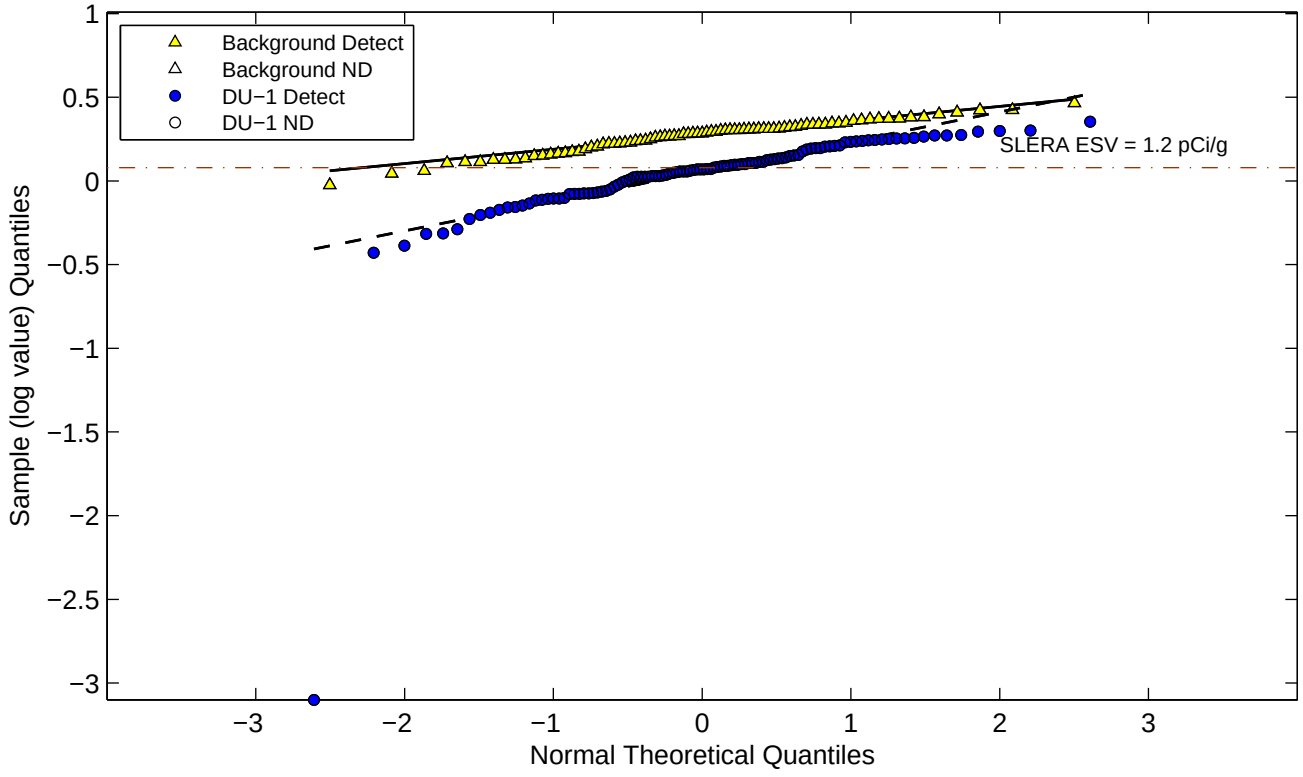
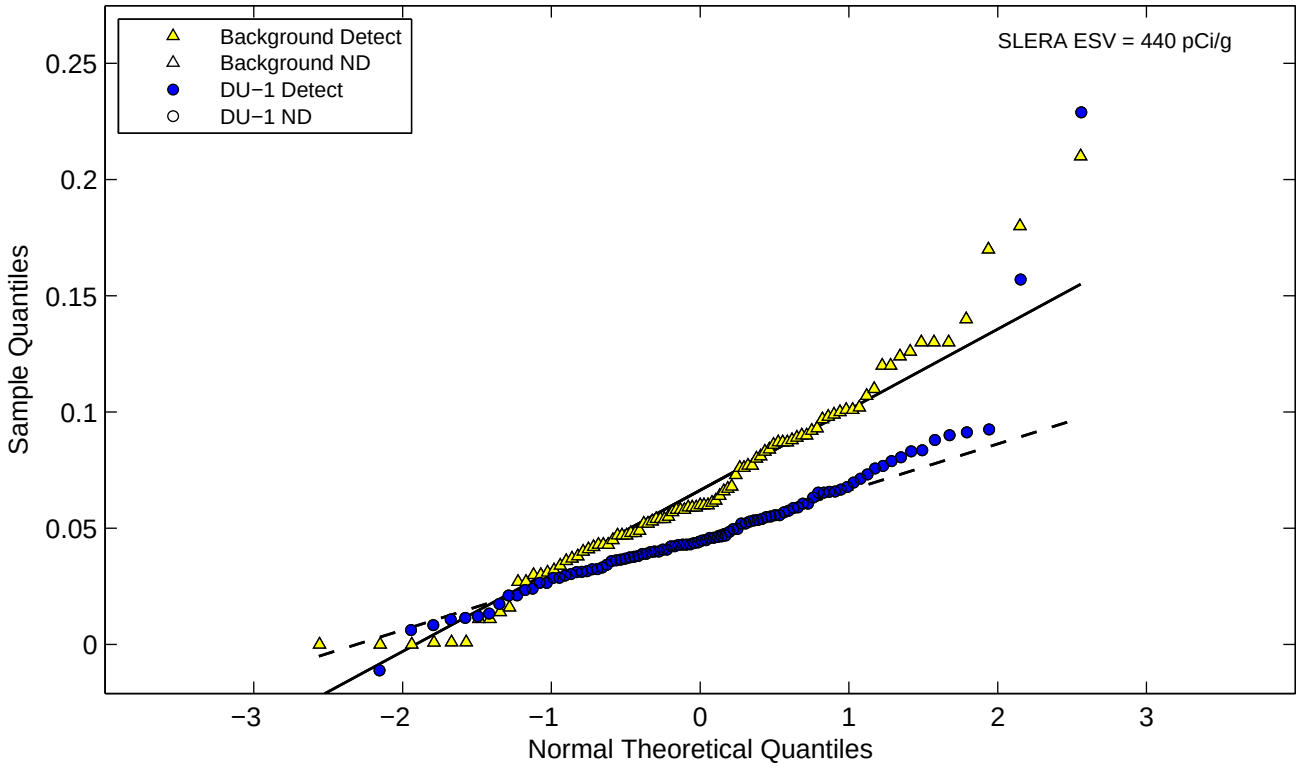


Figure E−2f. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−1)
Uranium−235



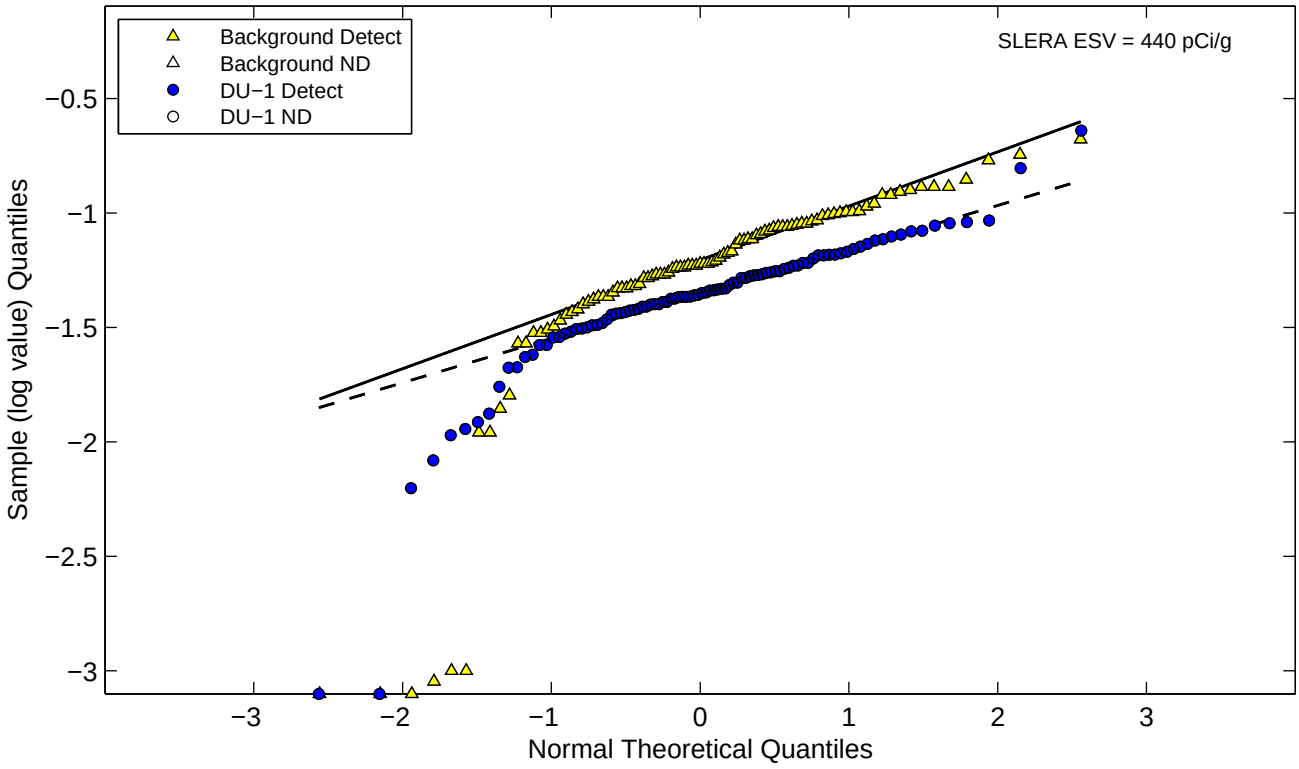
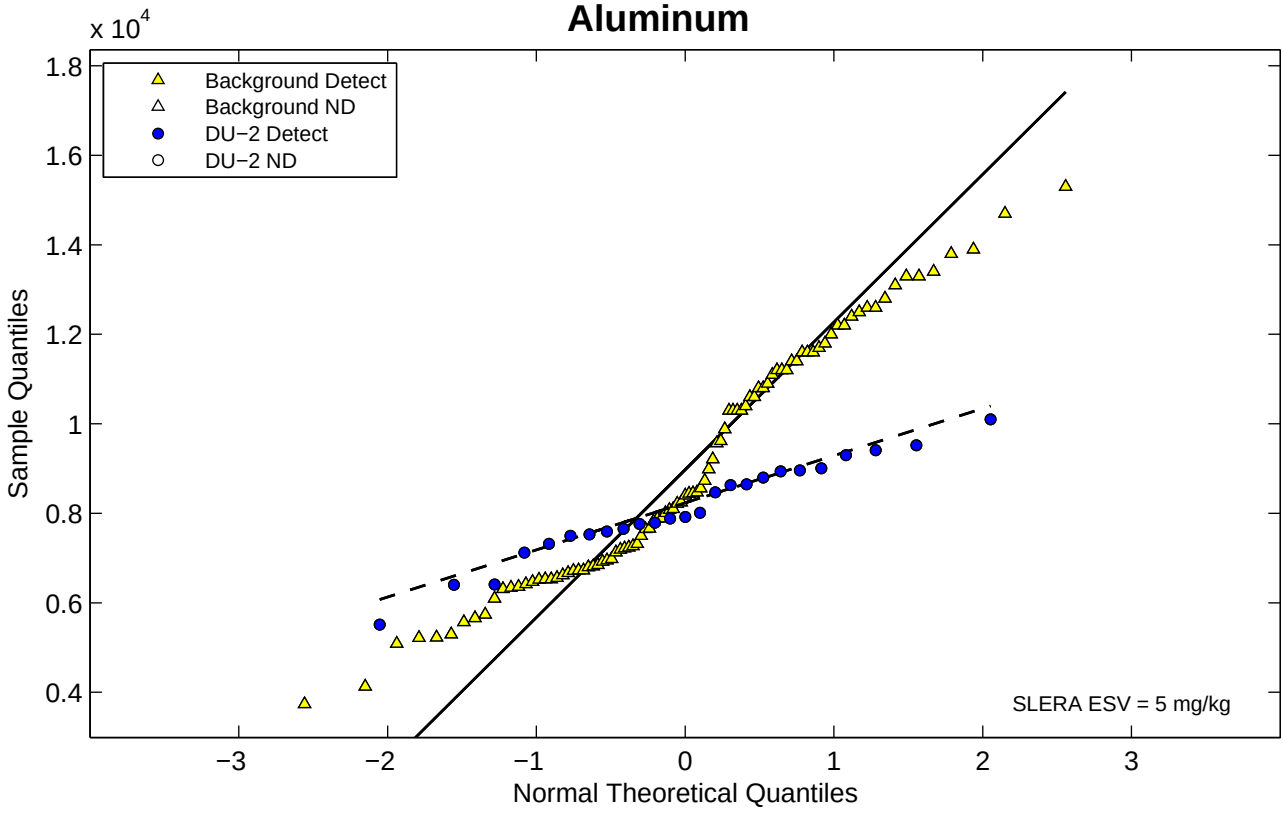


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)

Aluminum



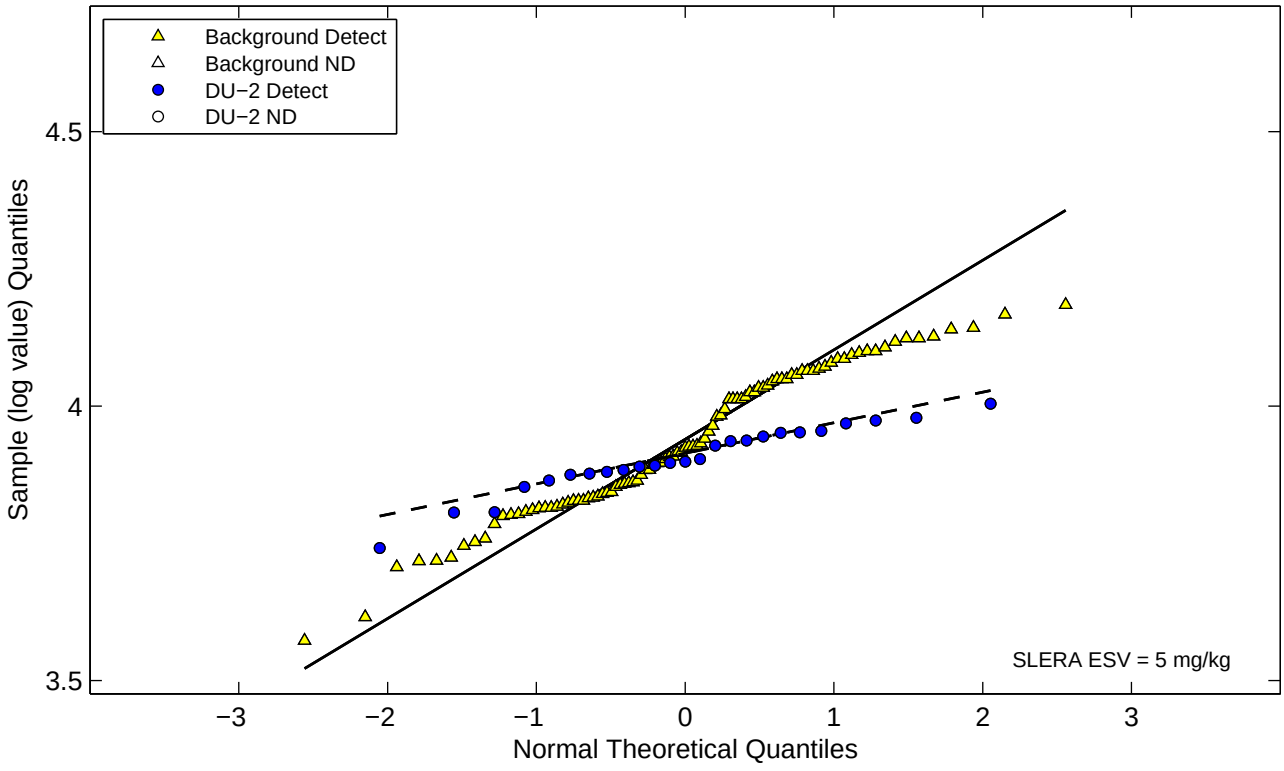
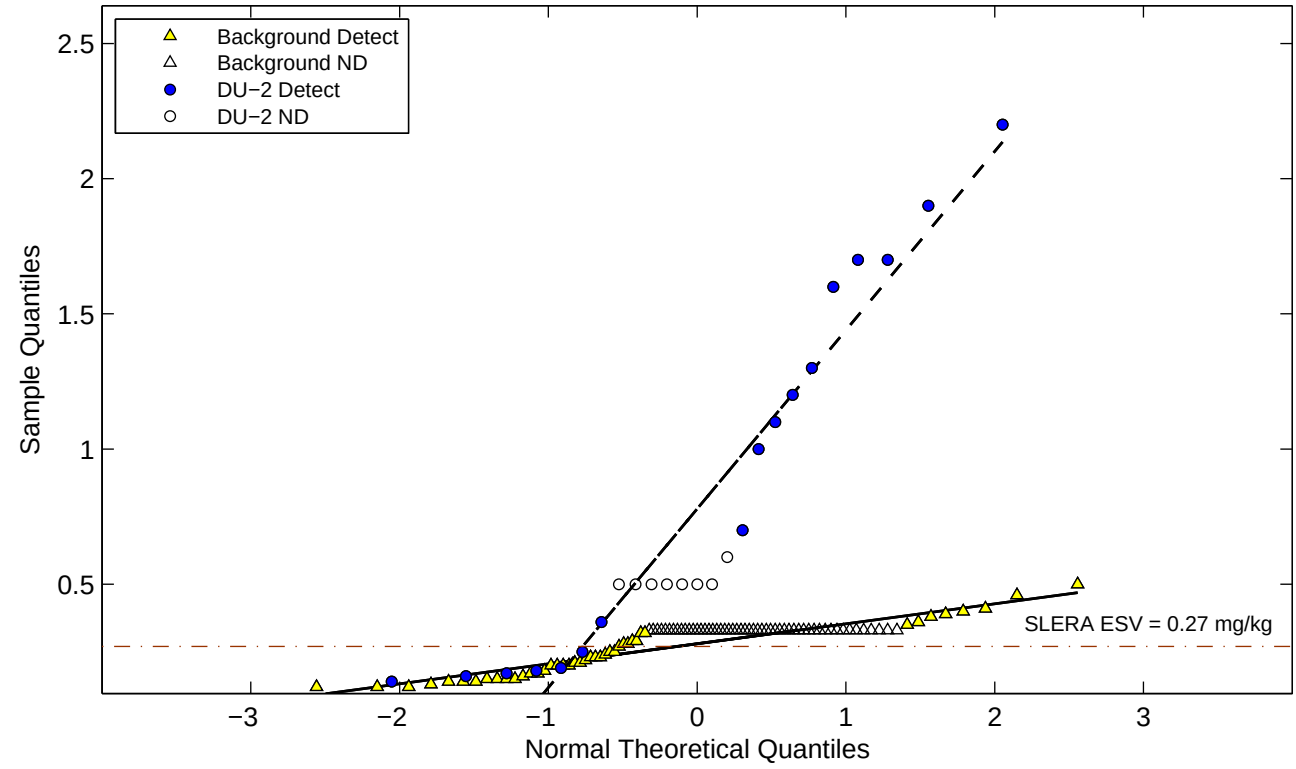


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Antimony



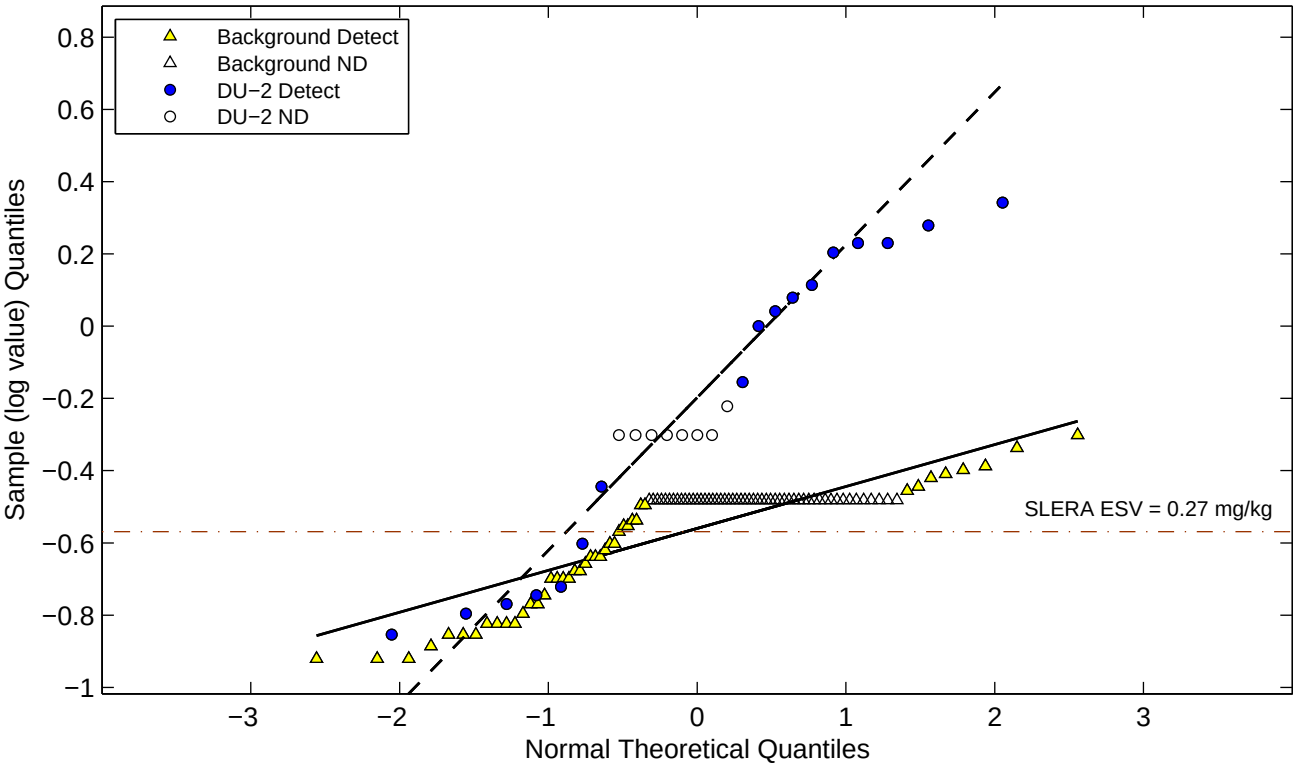
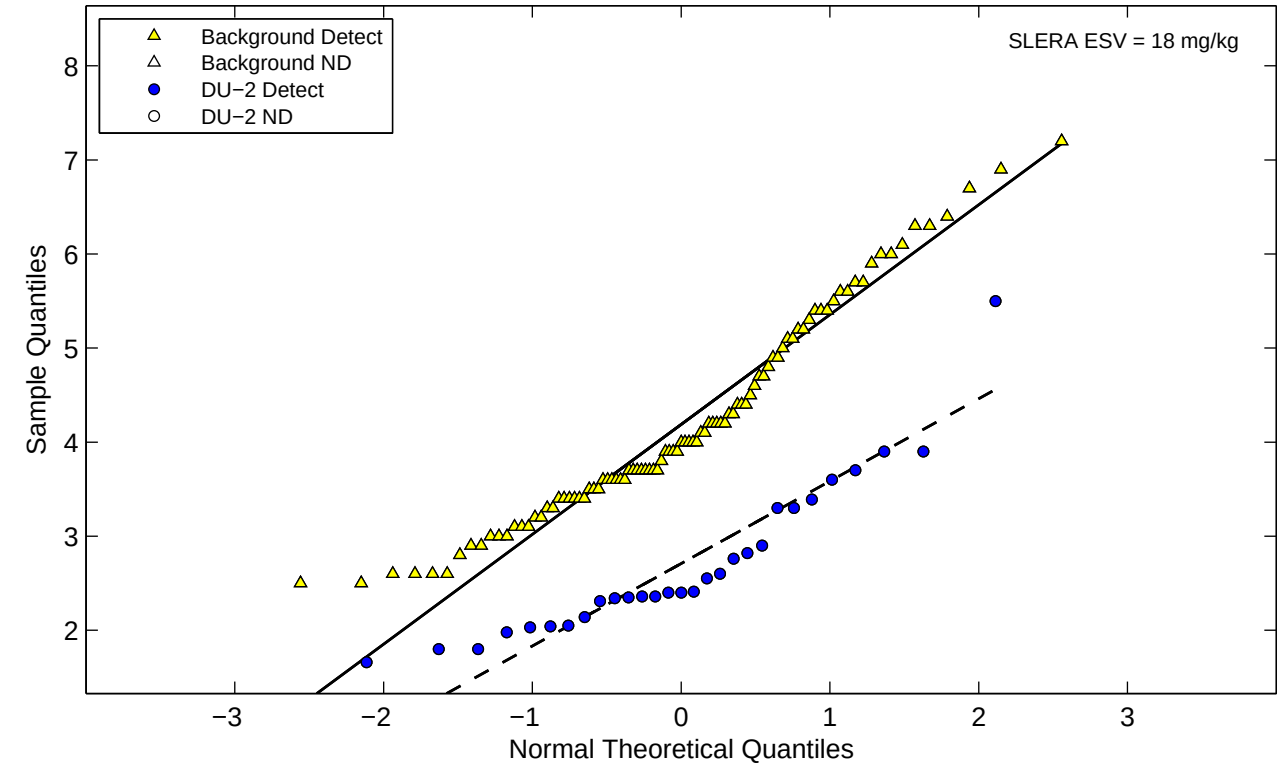


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Arsenic



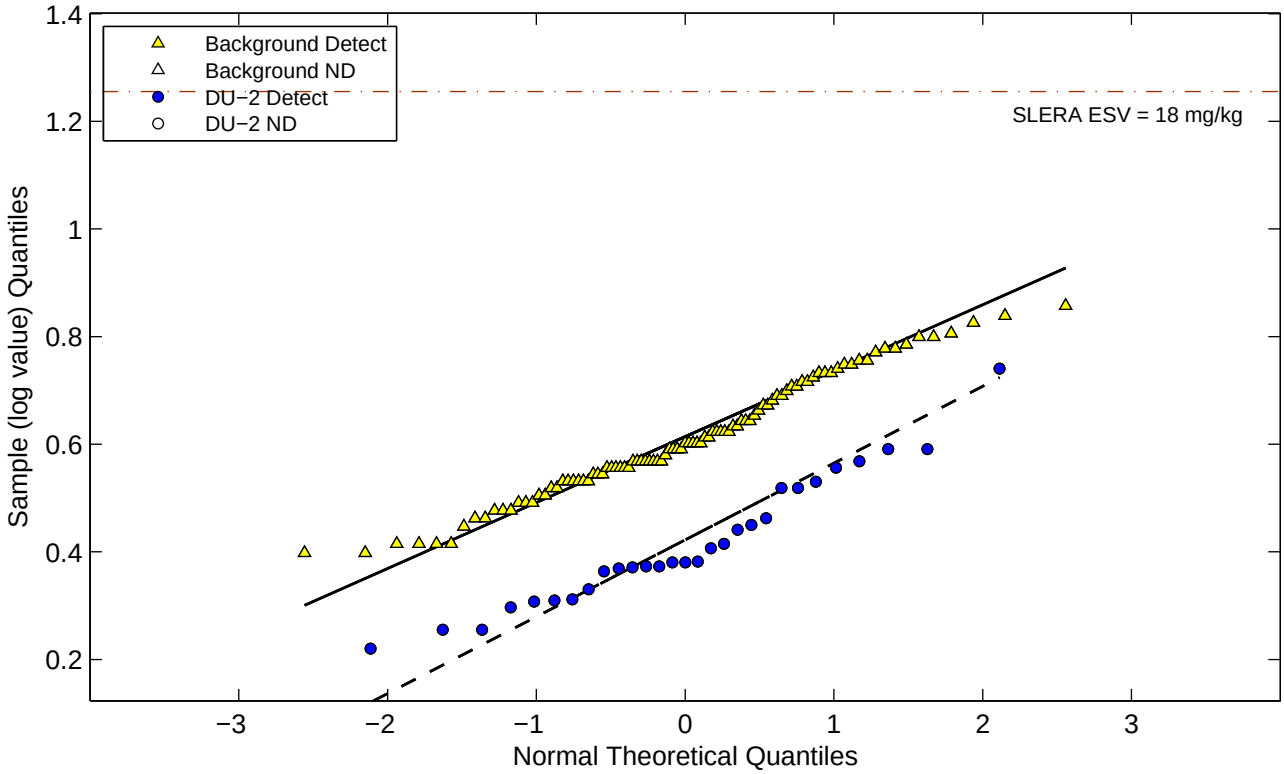
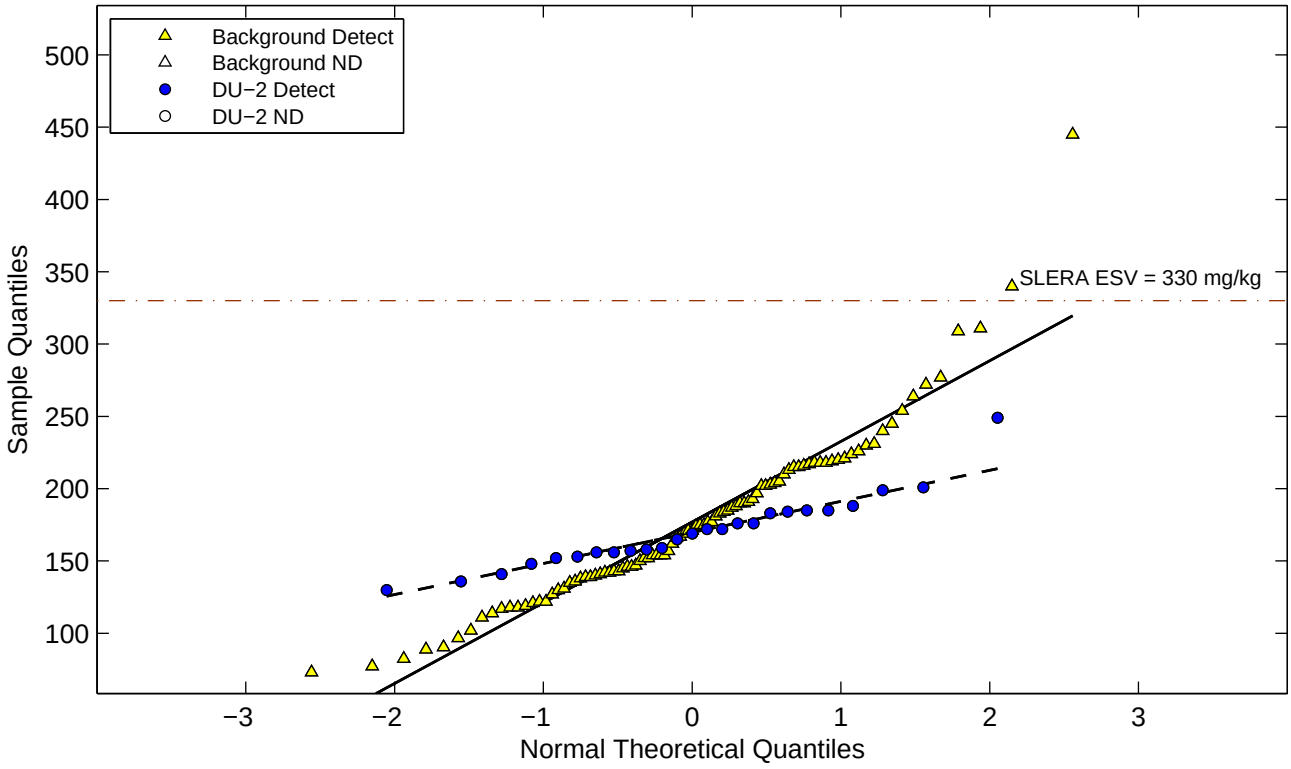


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Barium



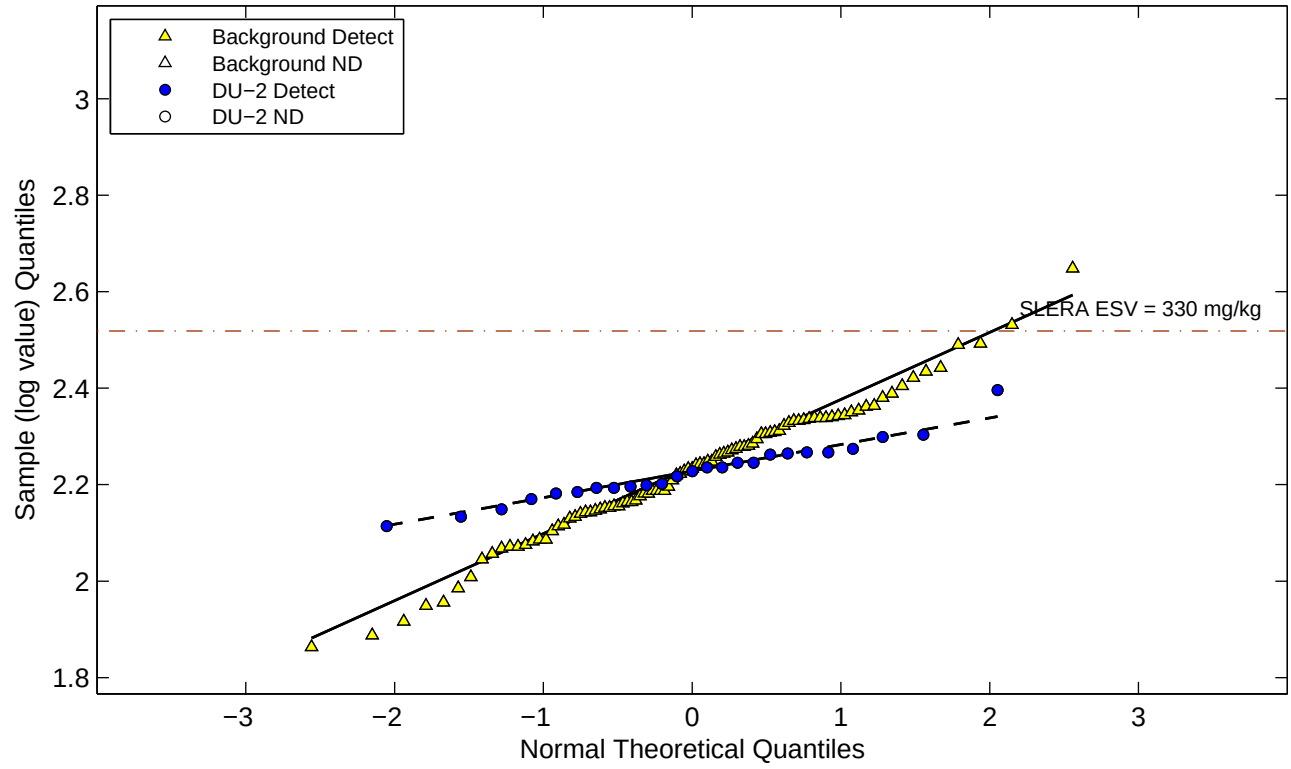
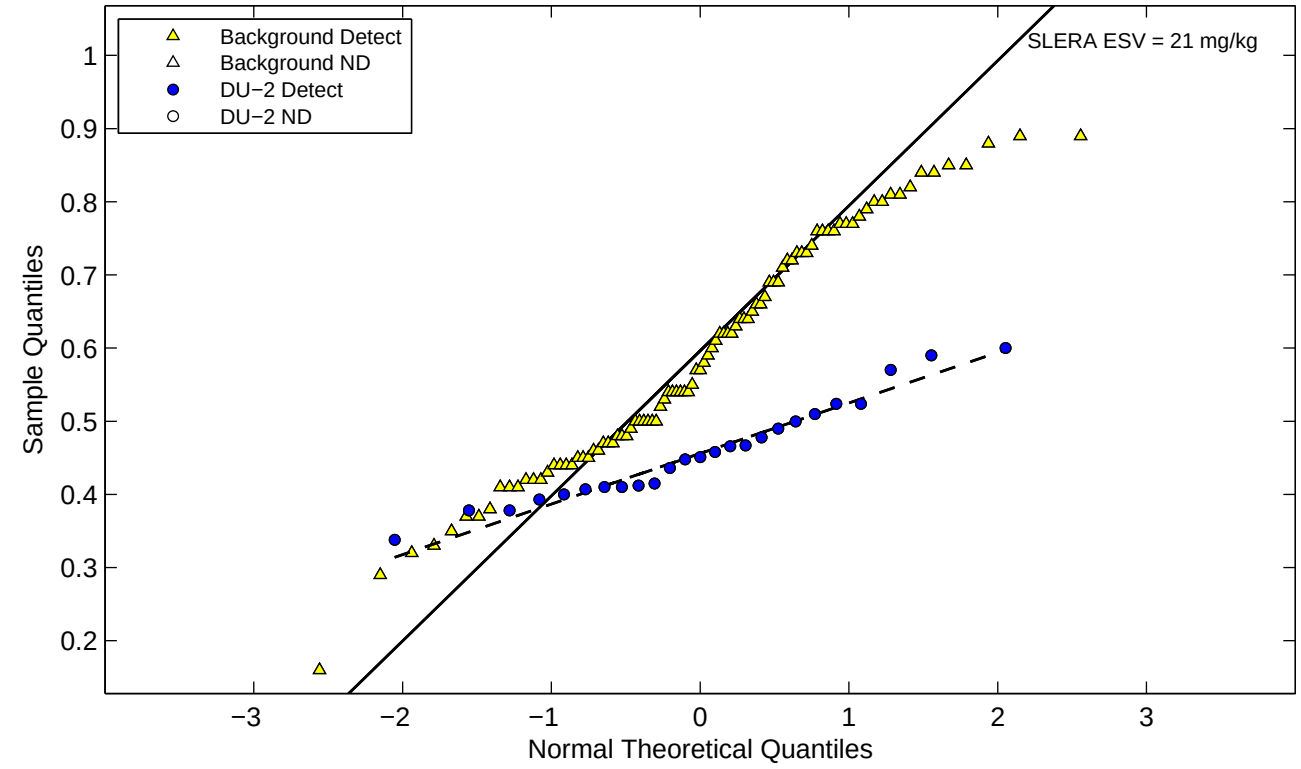


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Beryllium



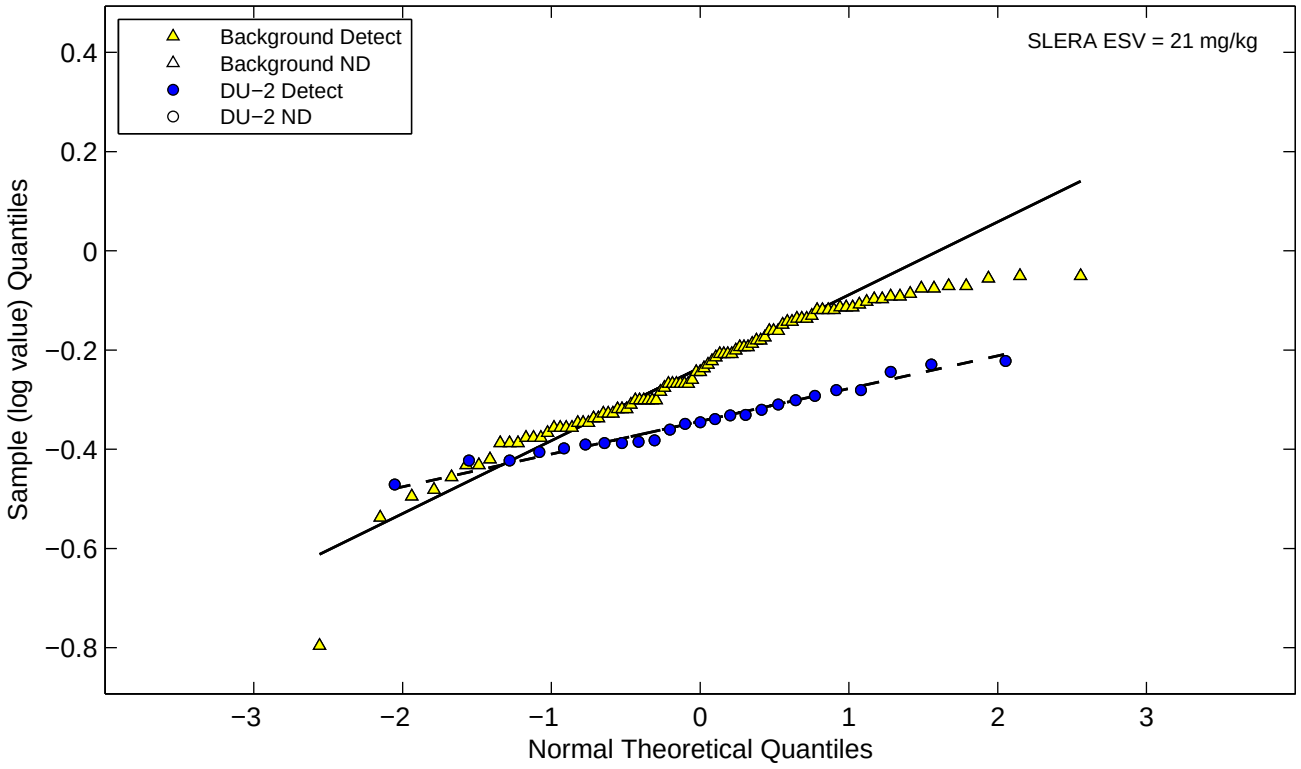
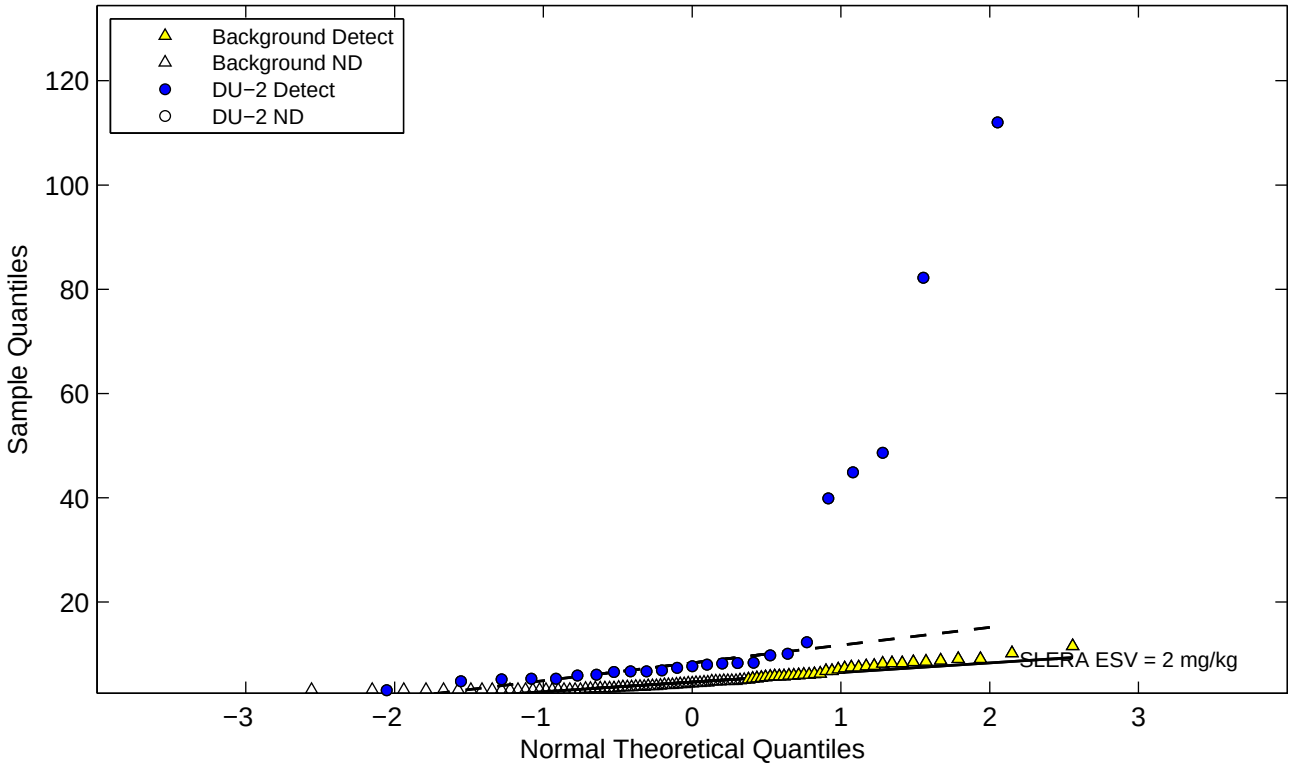


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Boron



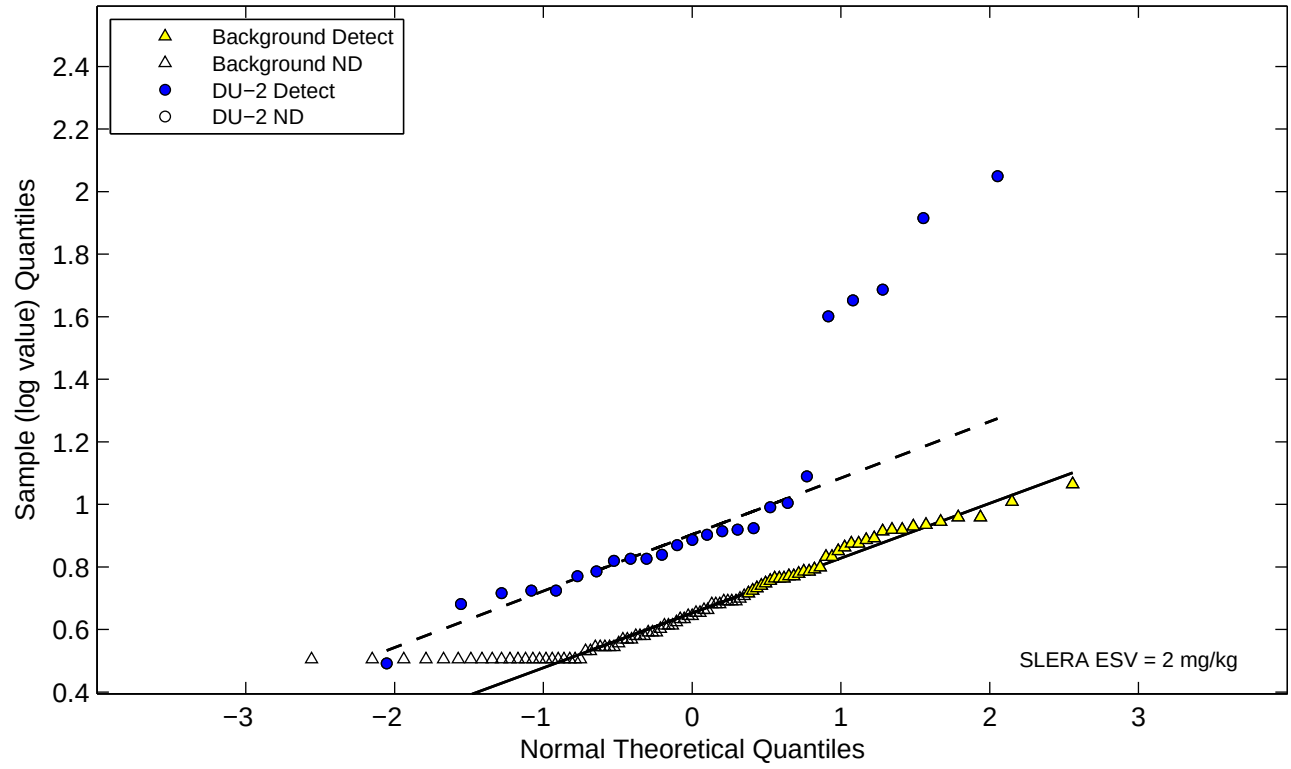
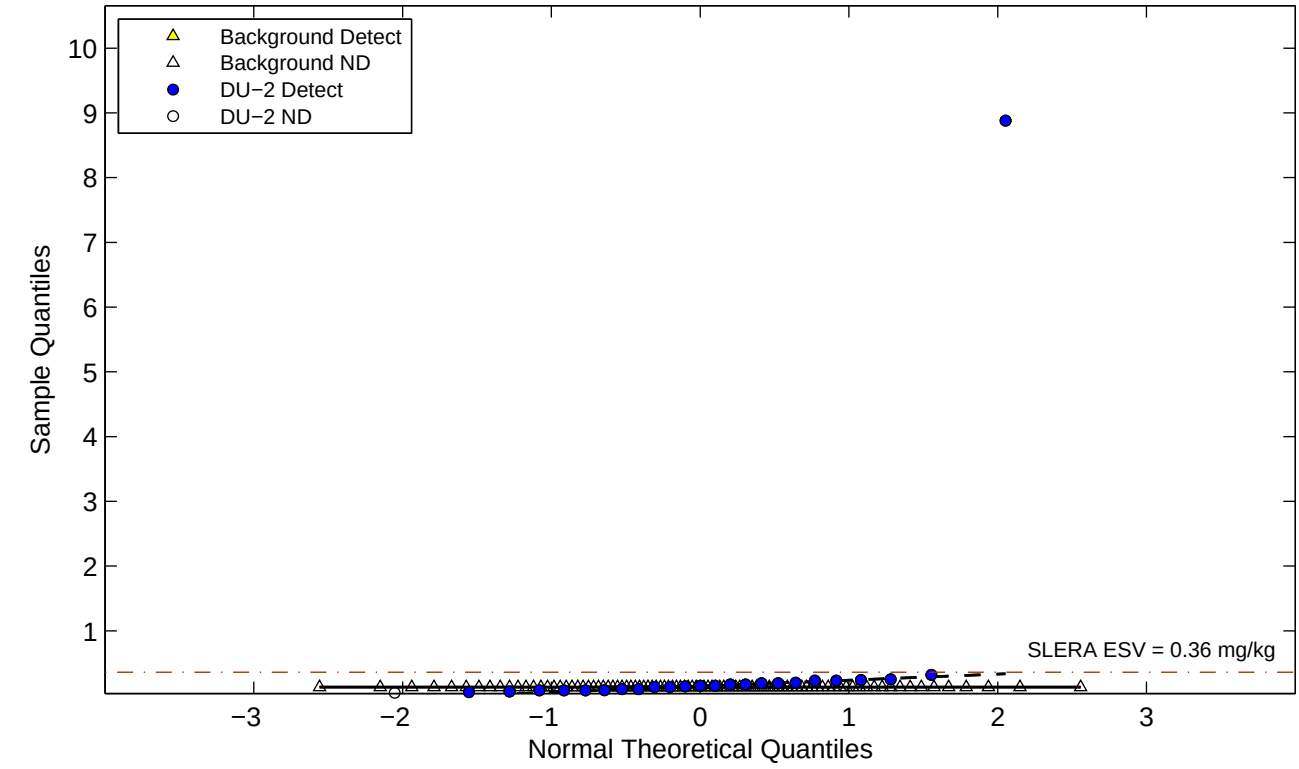


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Cadmium



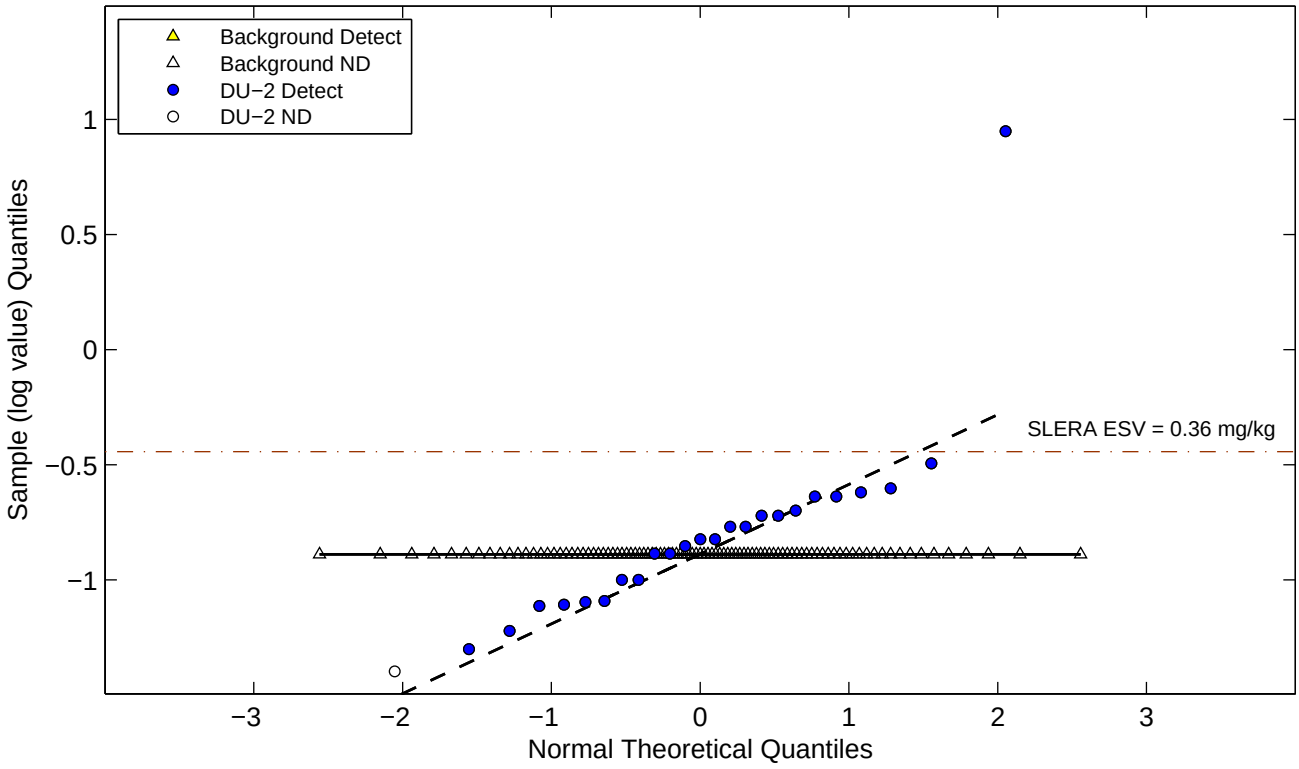
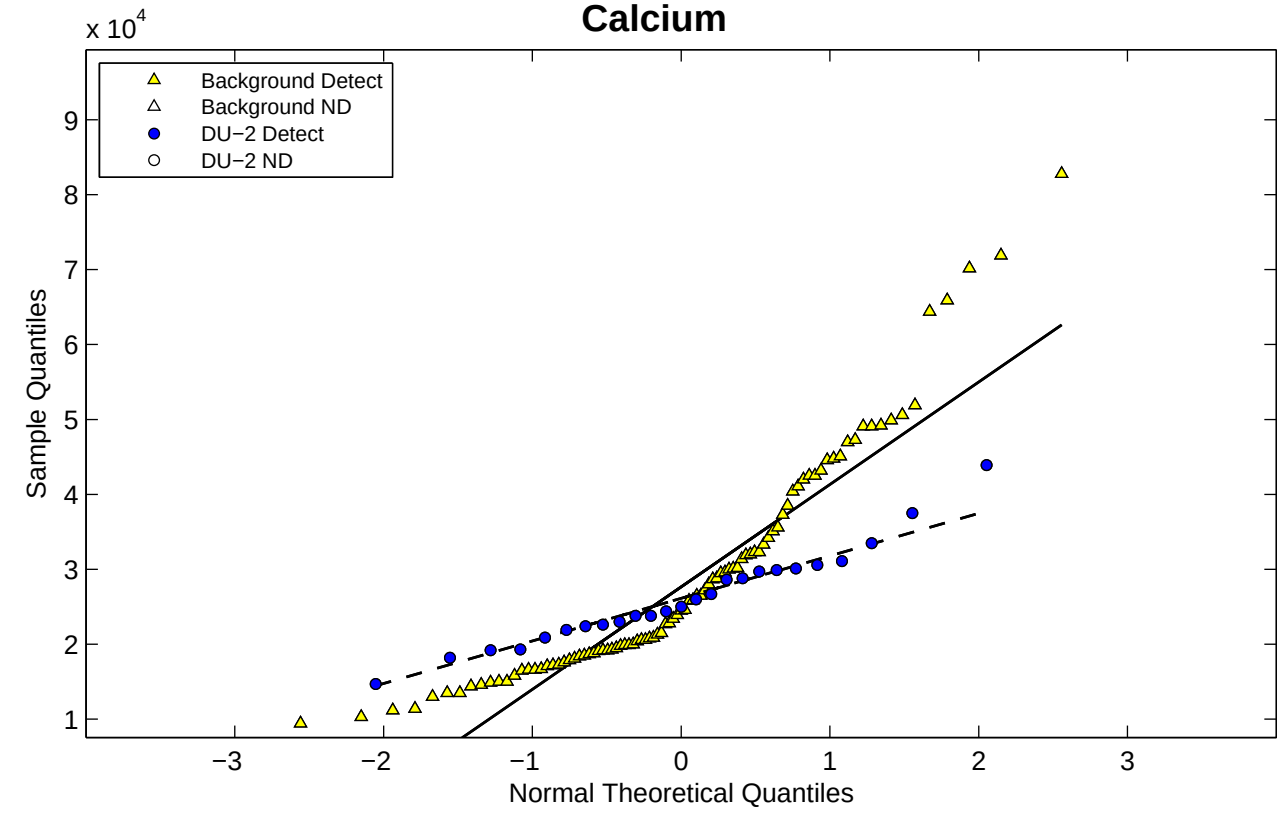


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)

Calcium



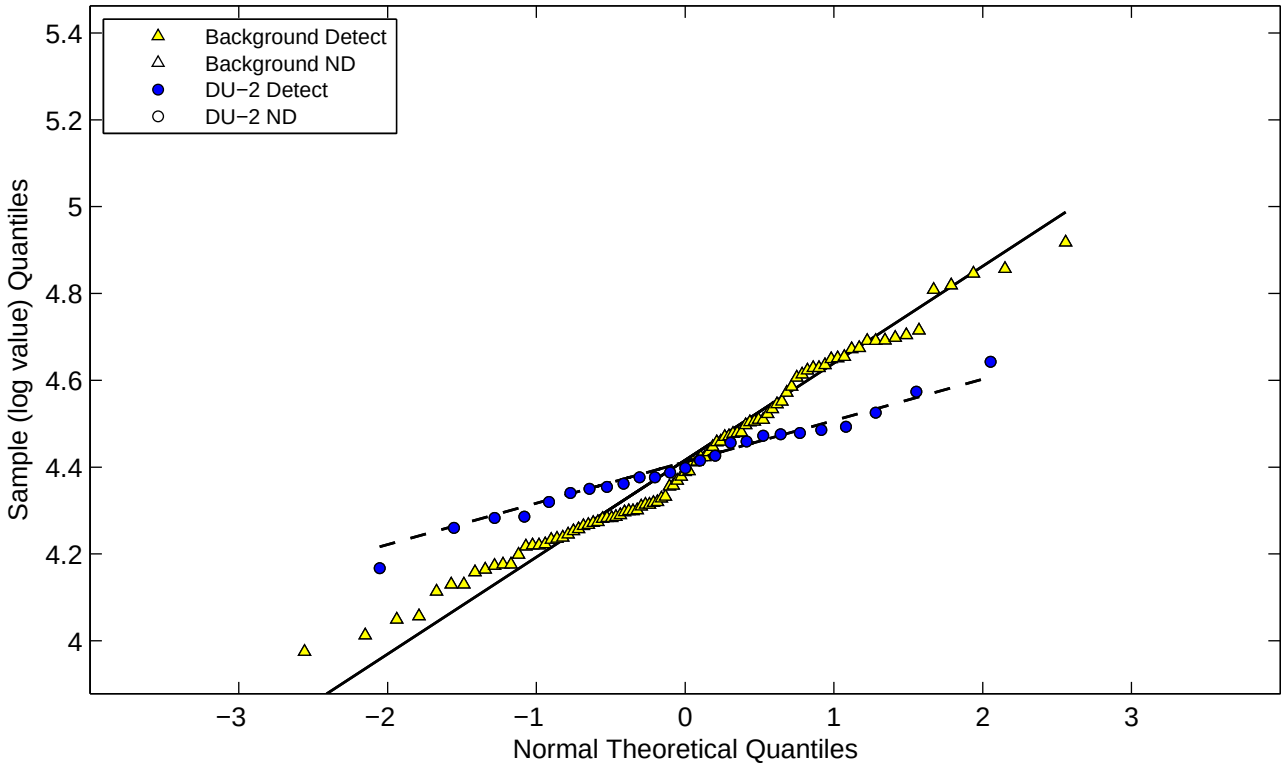
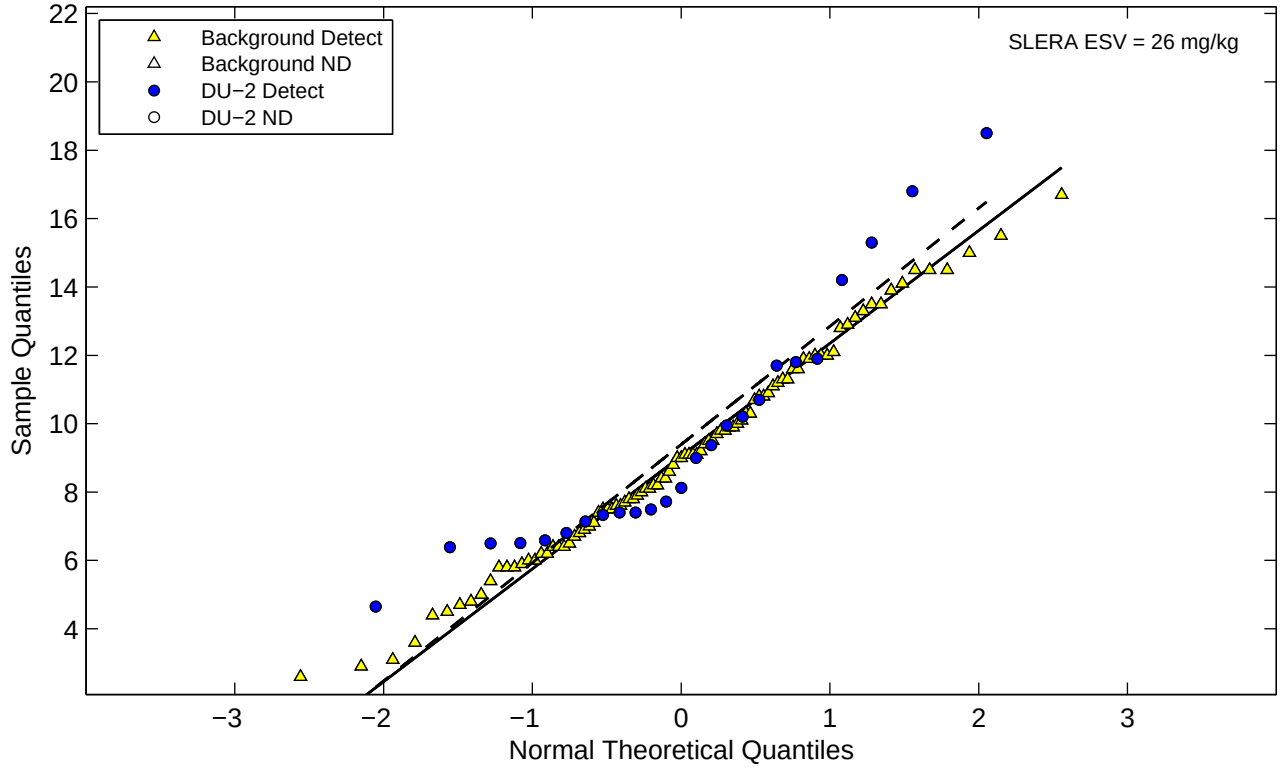


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2) Chromium (total)



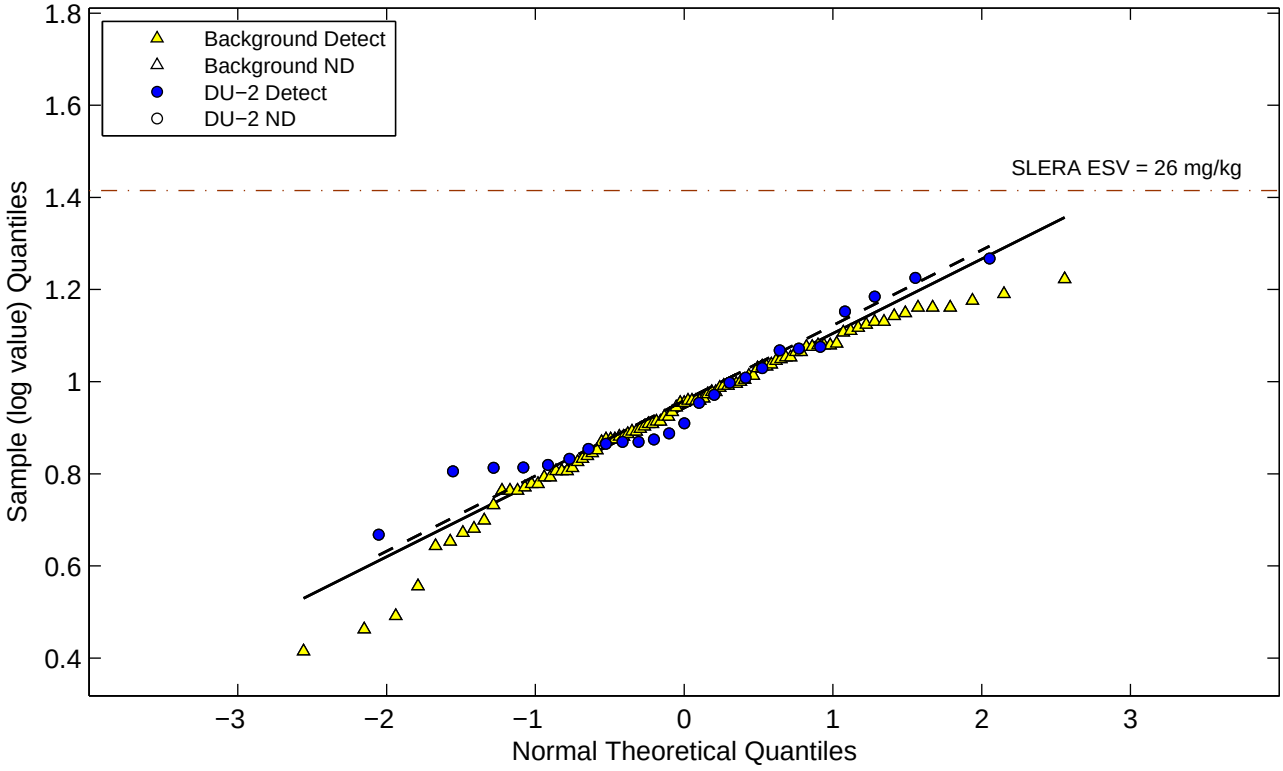
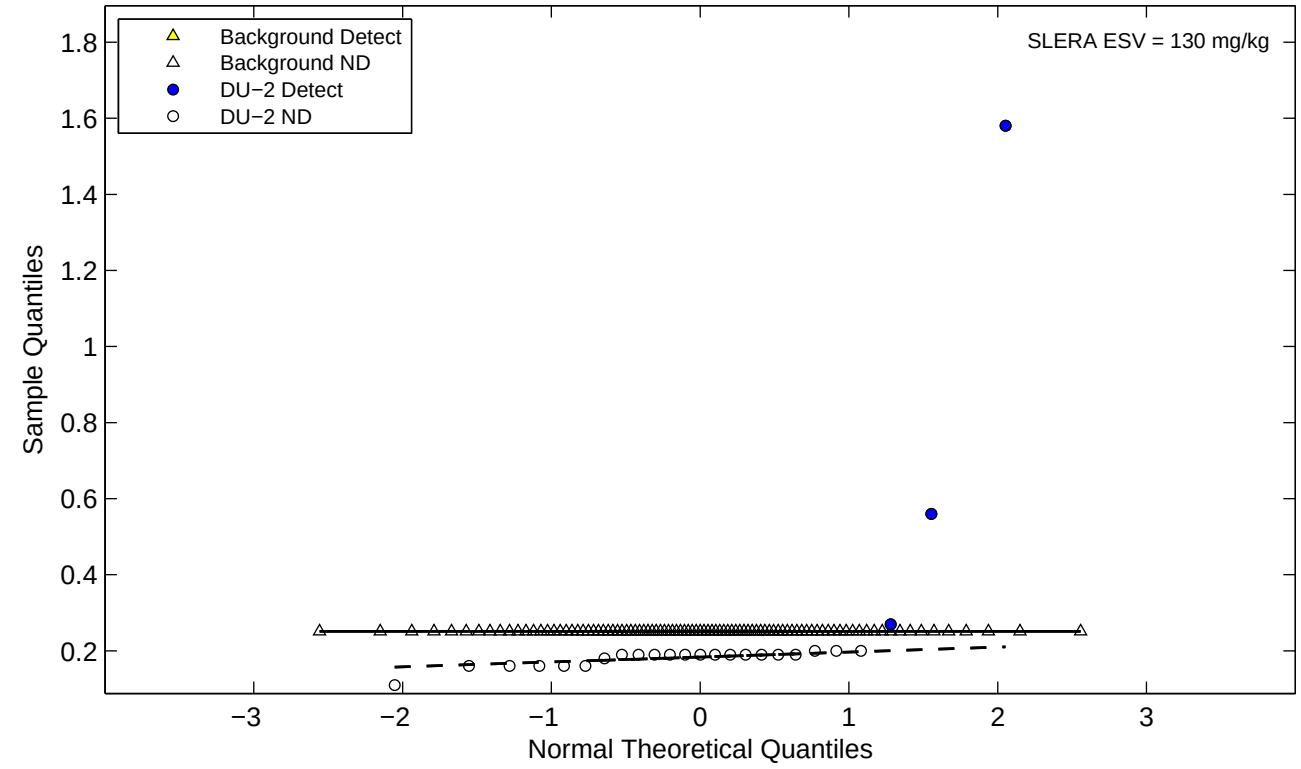


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2) Chromium VI



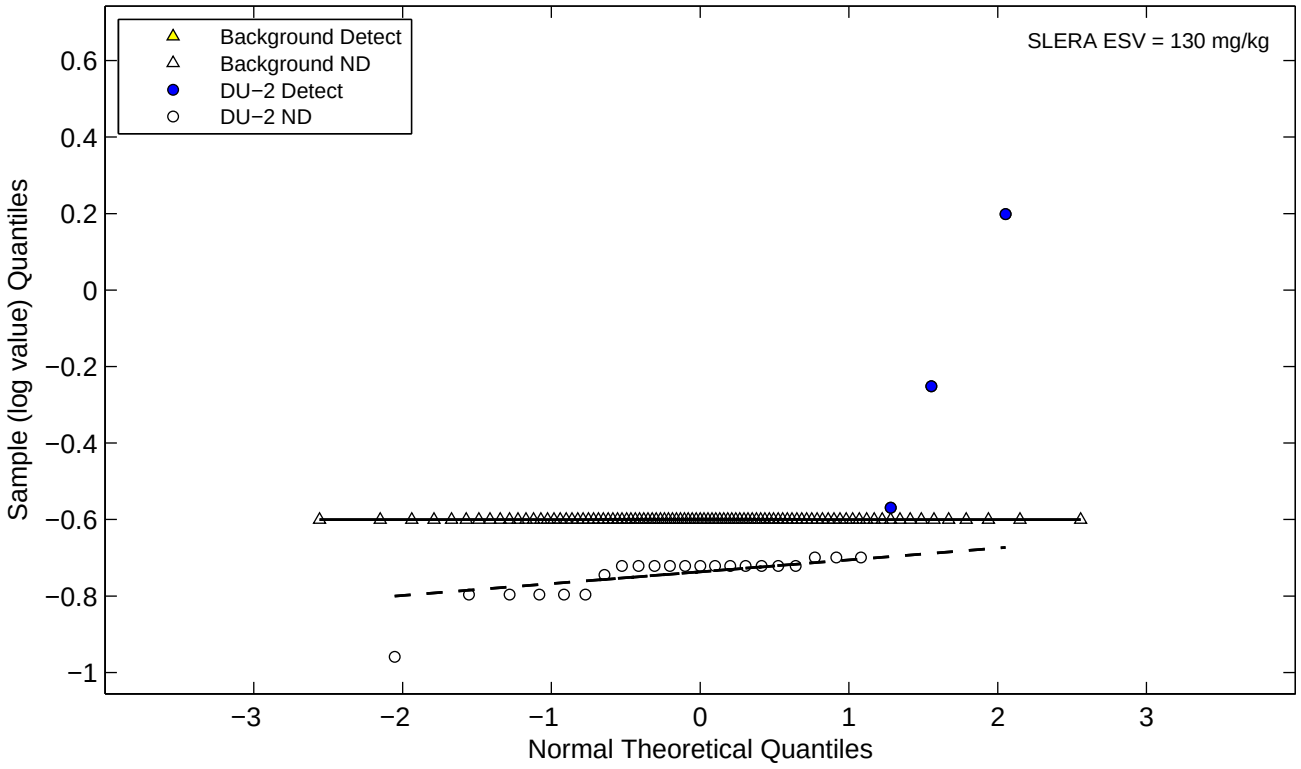
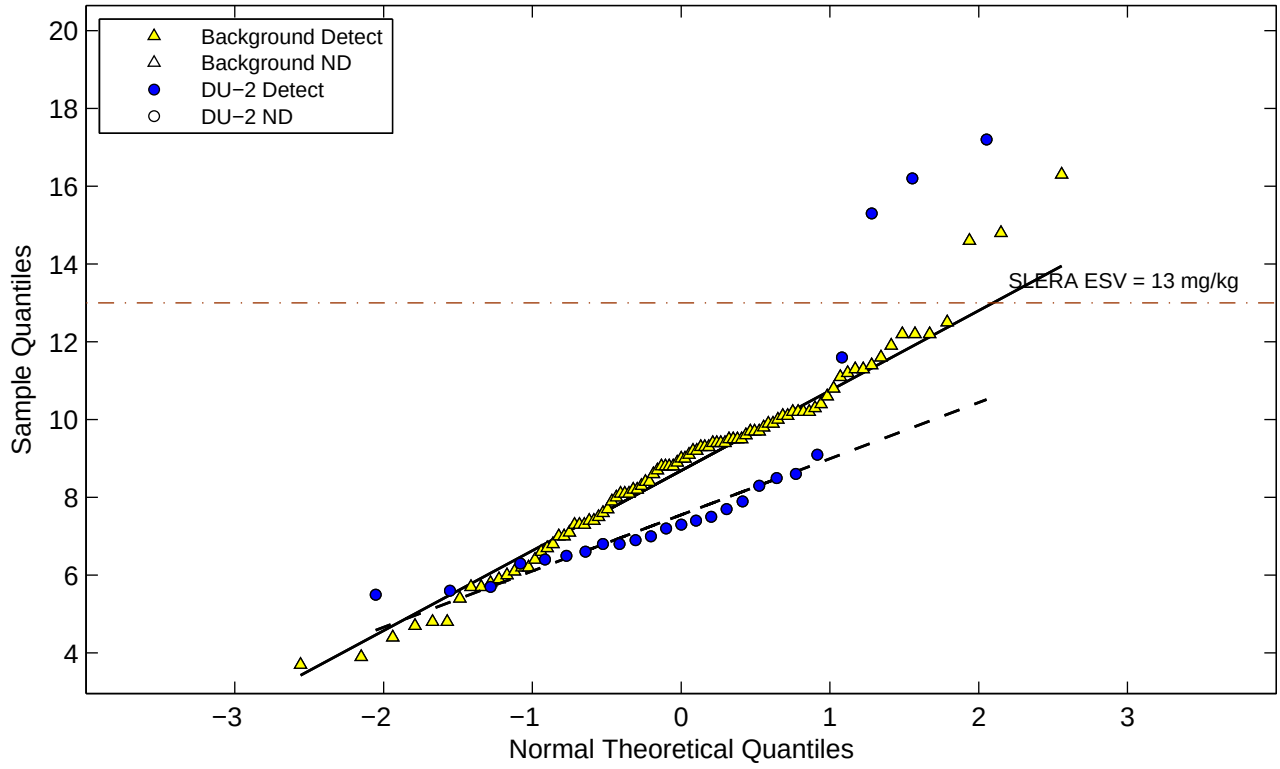


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Cobalt



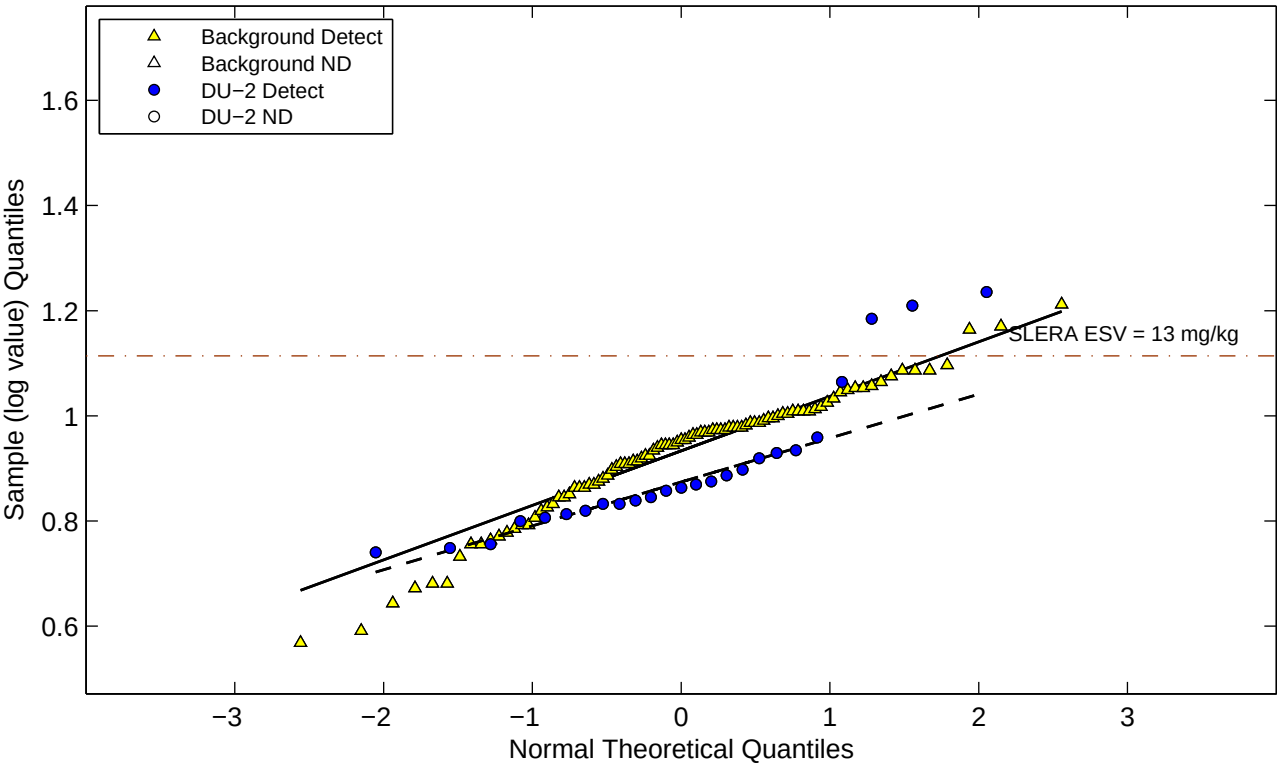
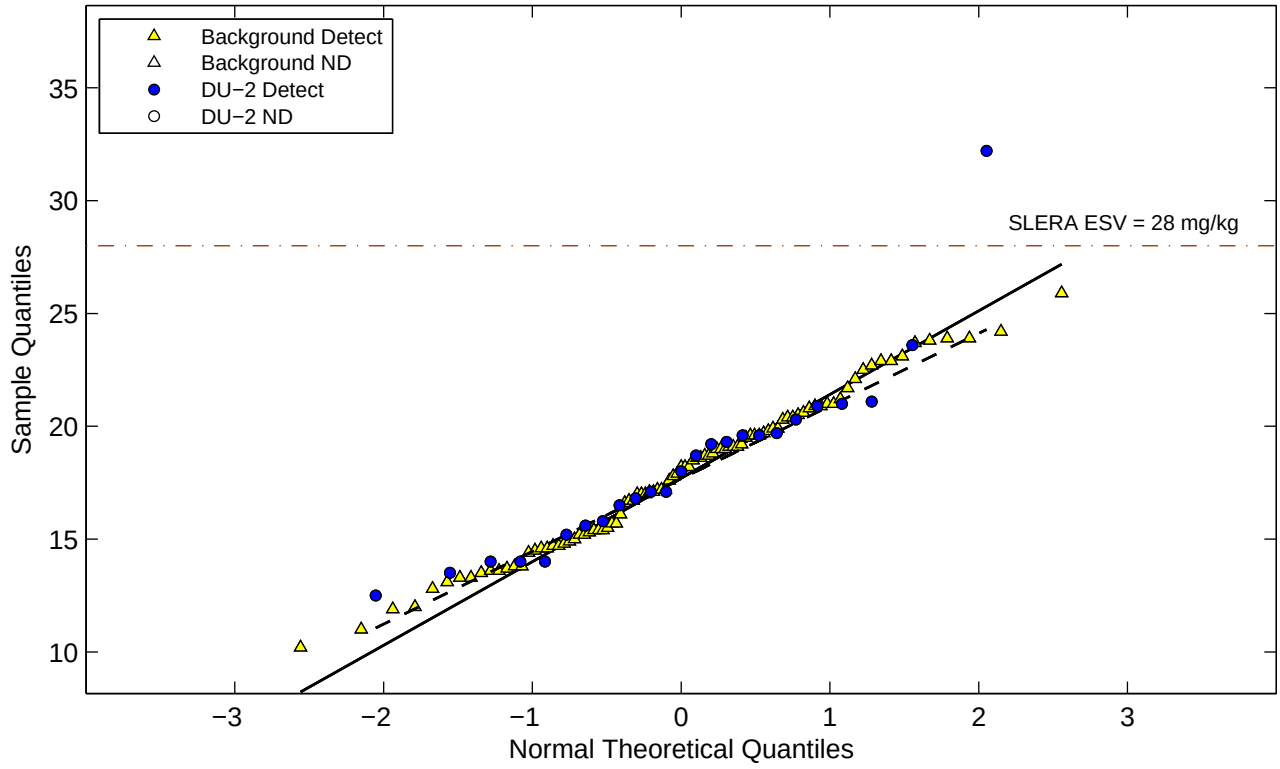


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Copper



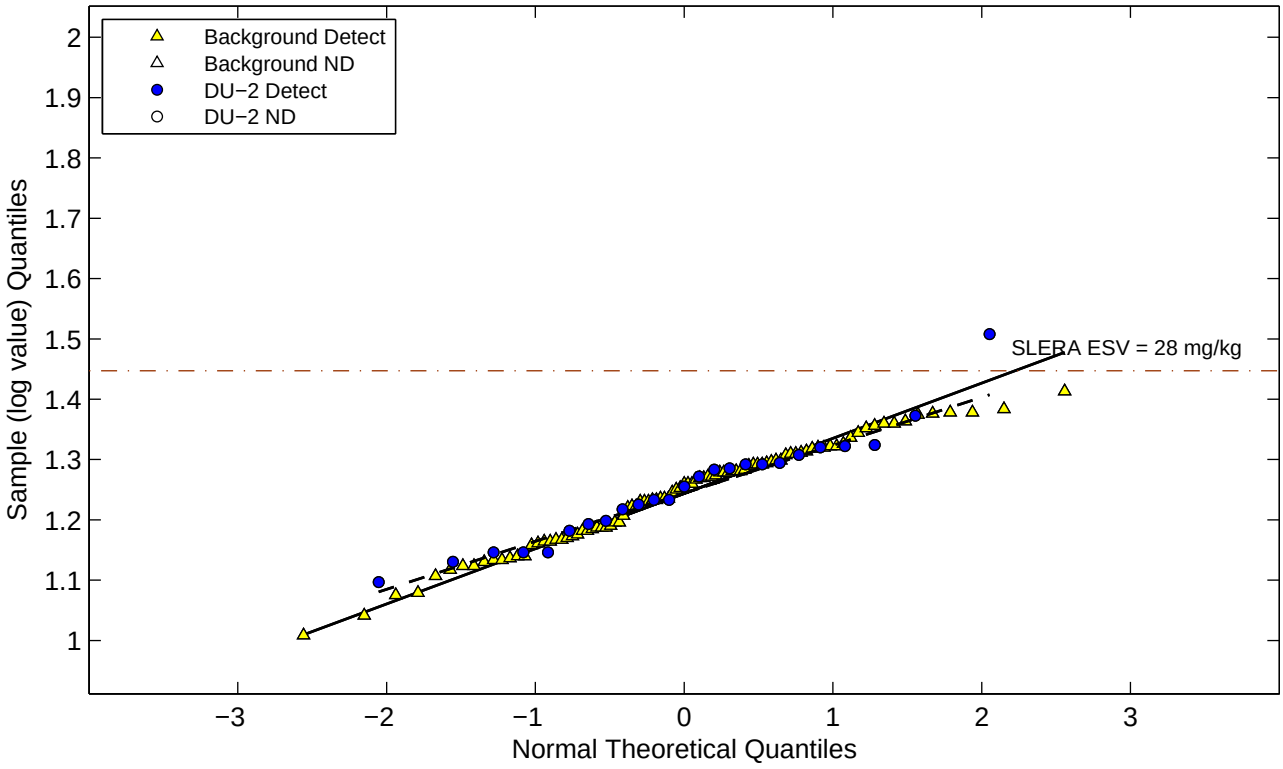
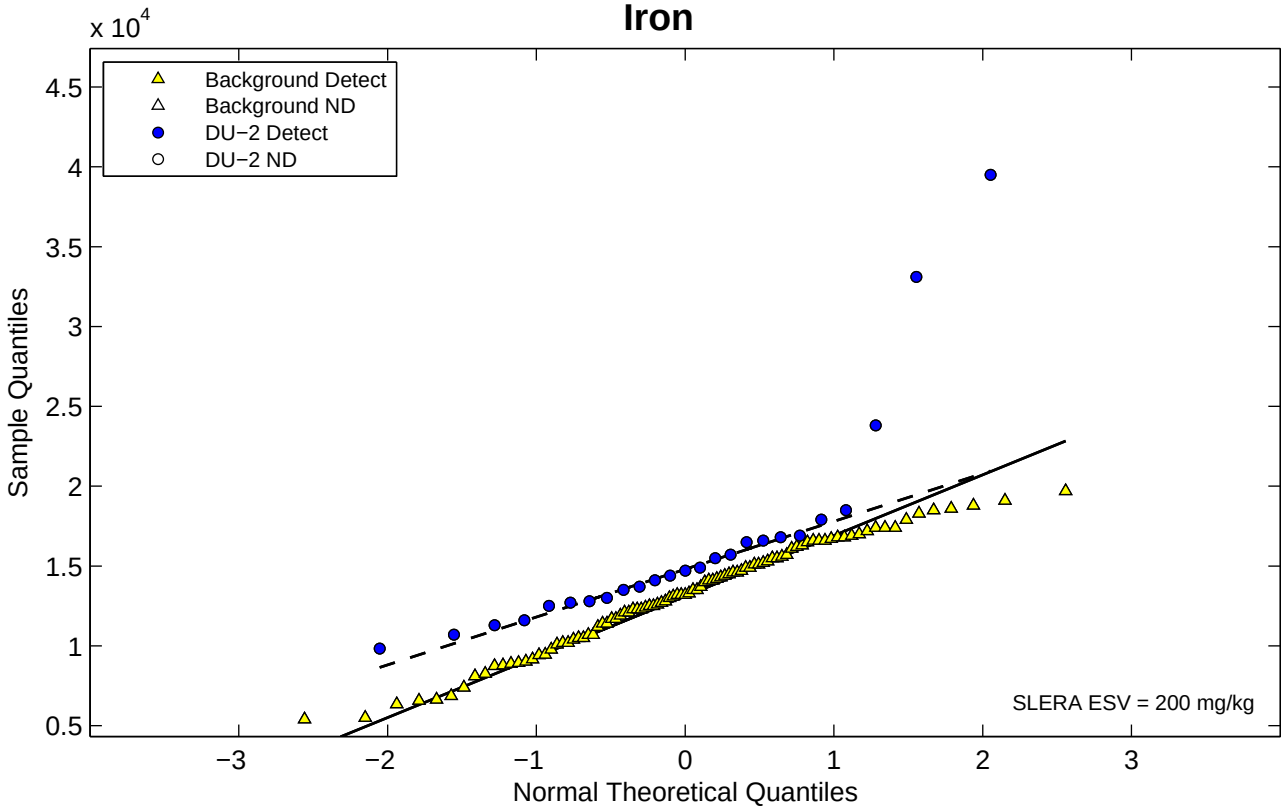


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)

Iron



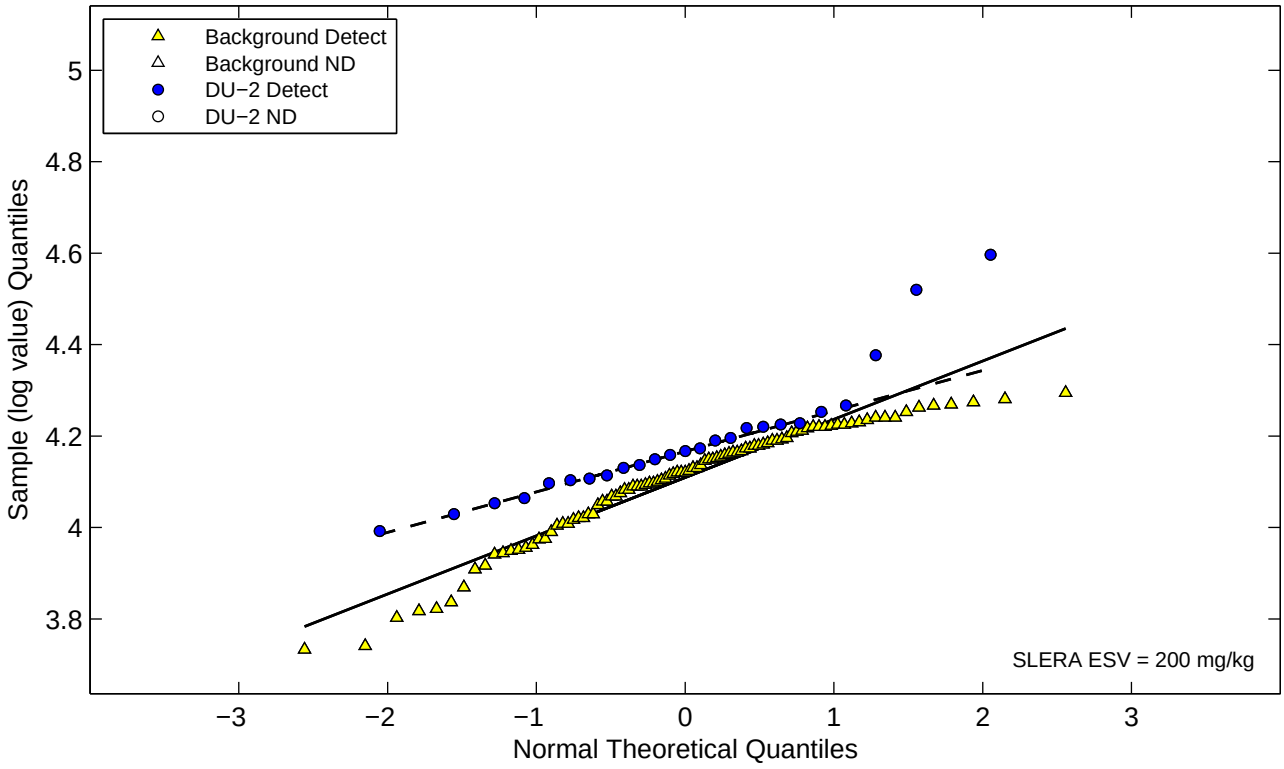
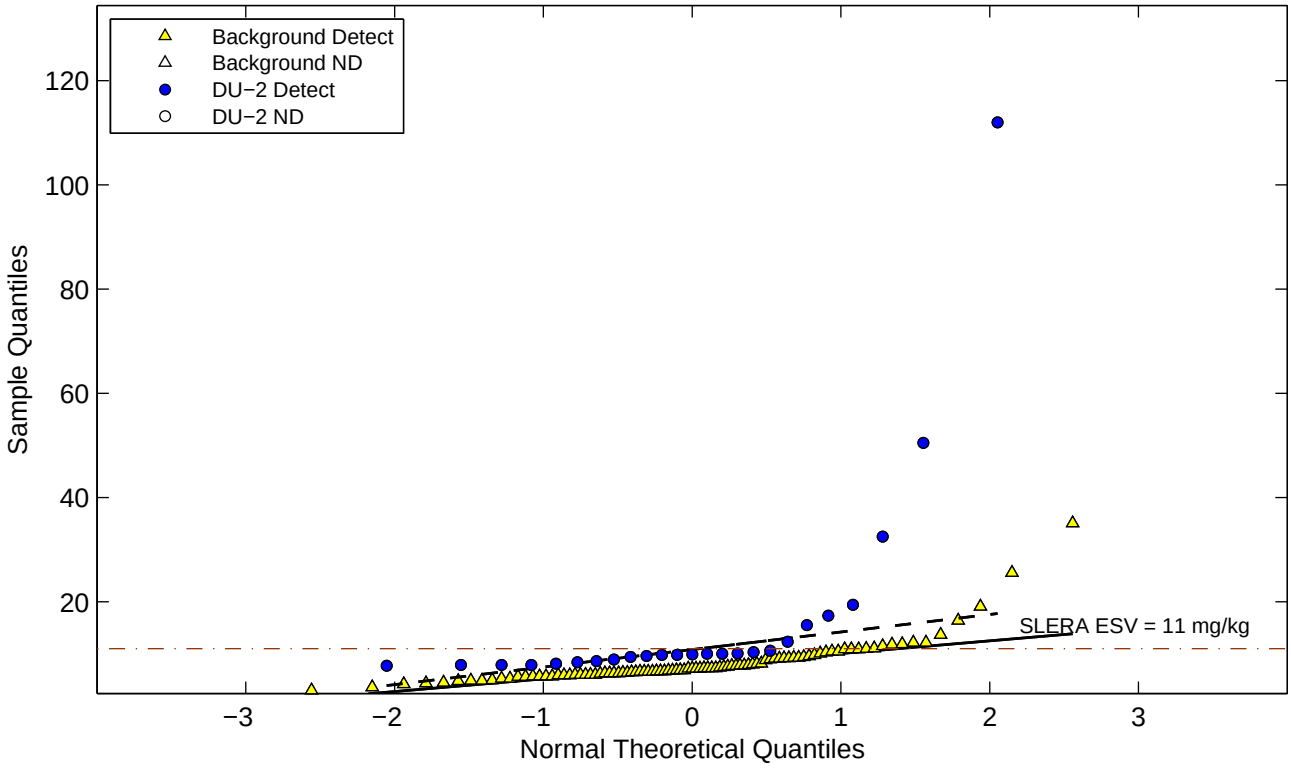


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Lead



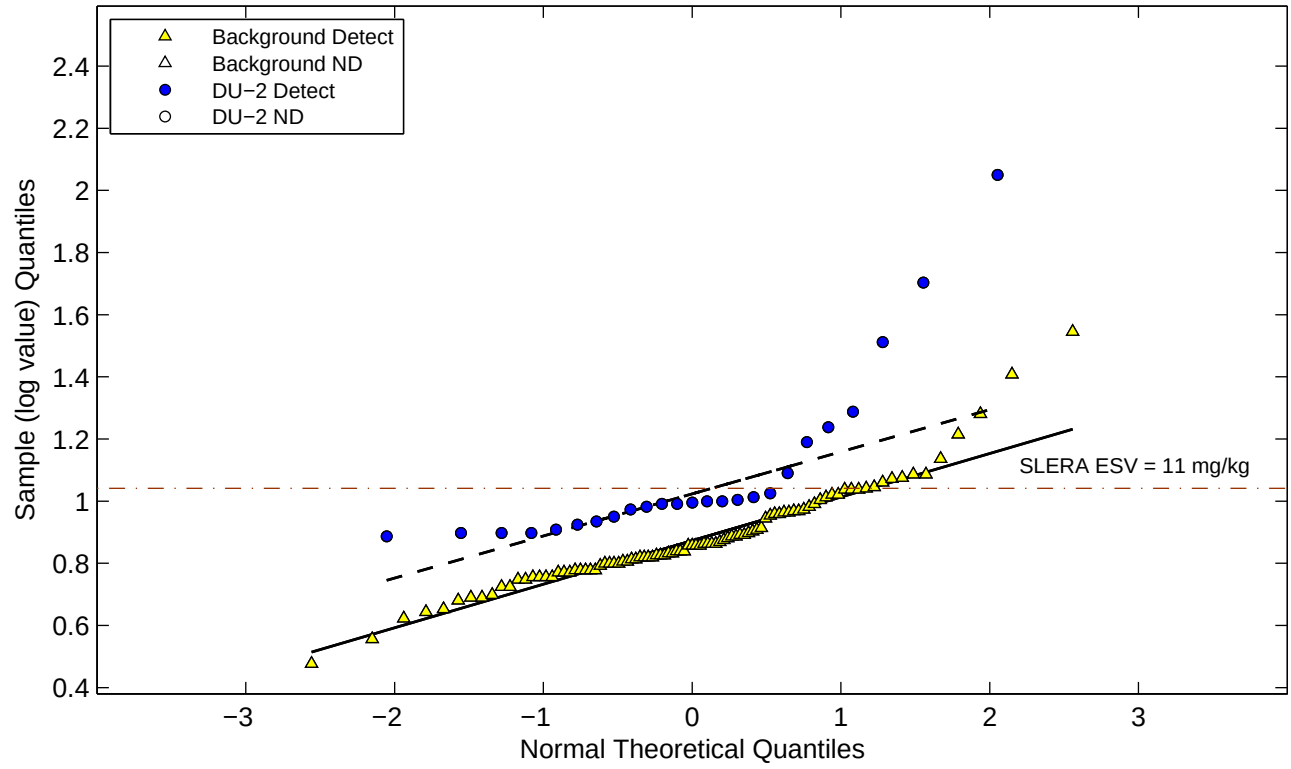
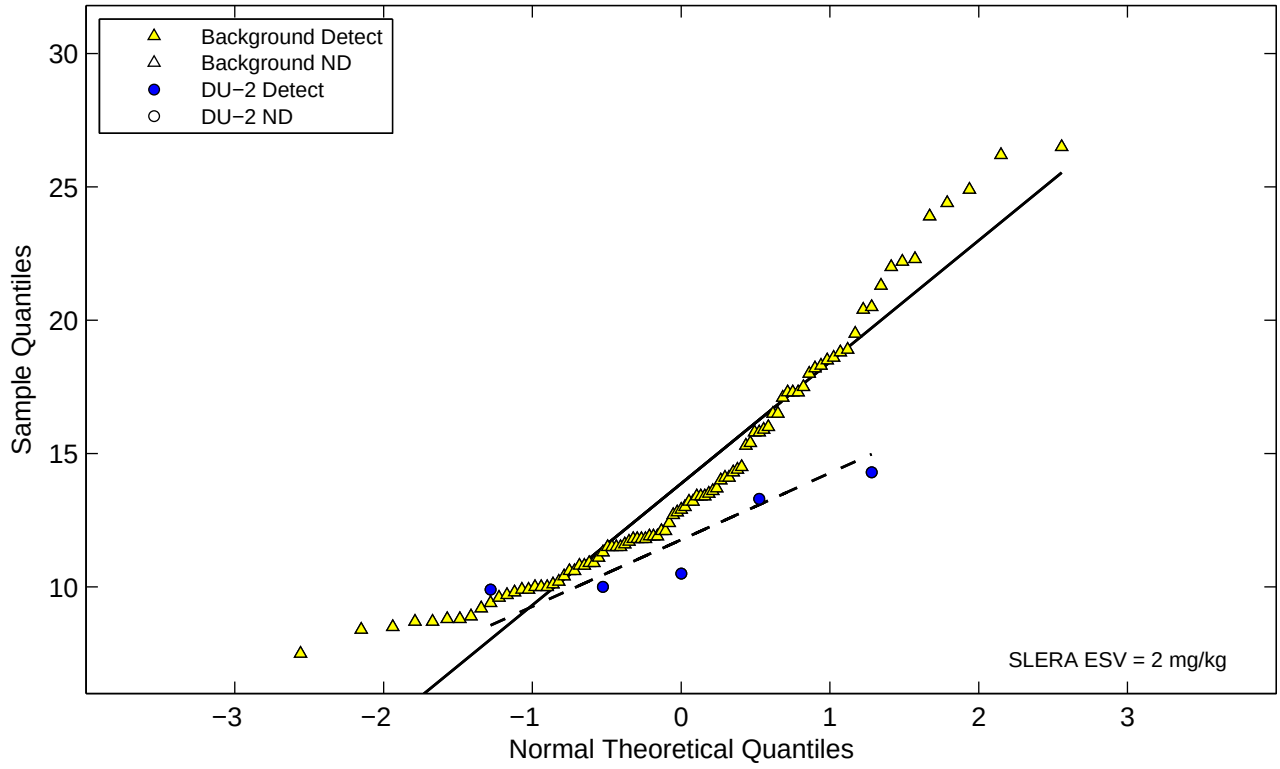


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Lithium



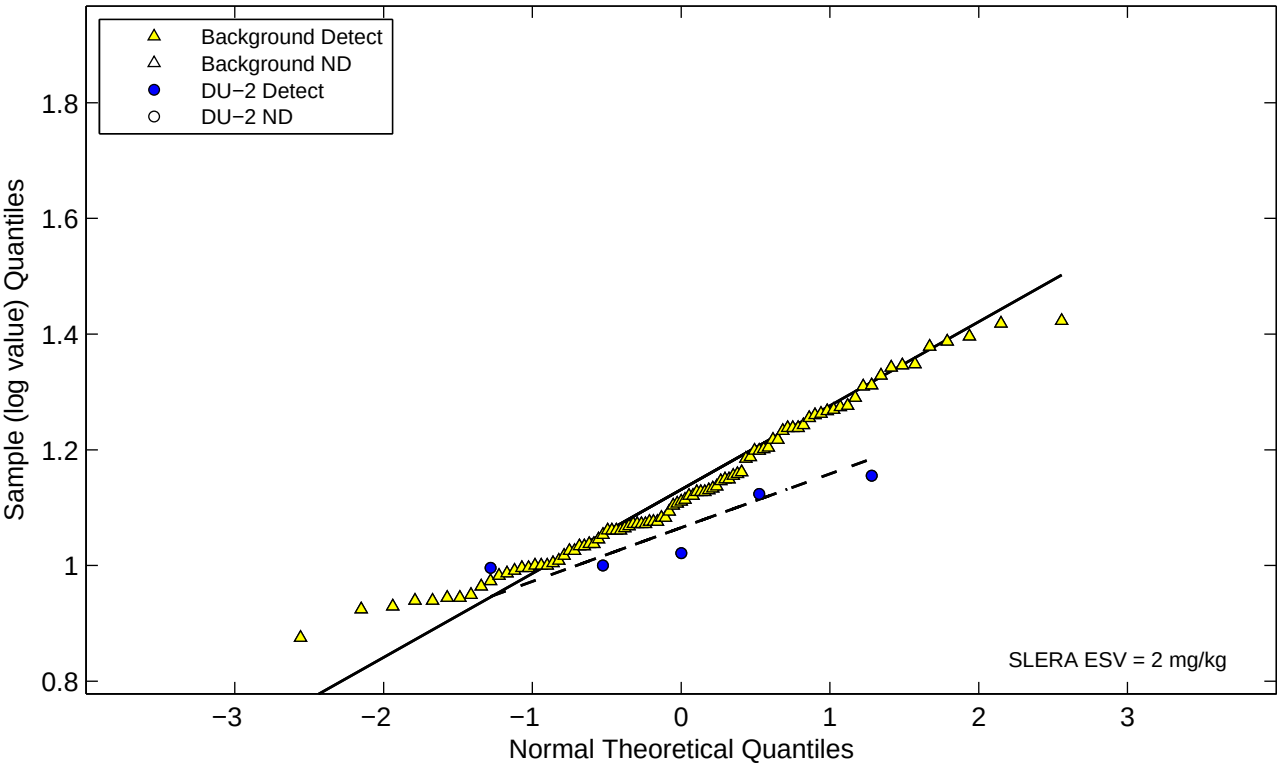
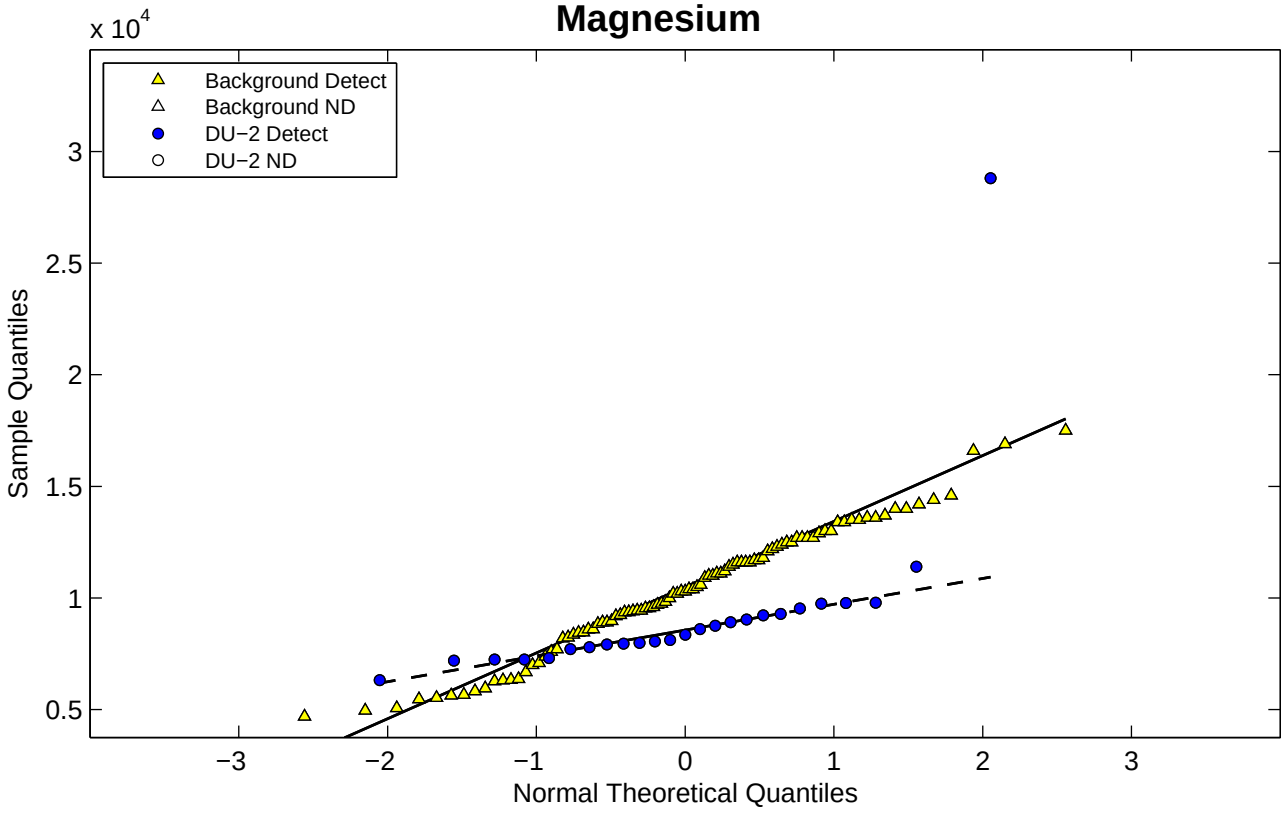


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)

Magnesium



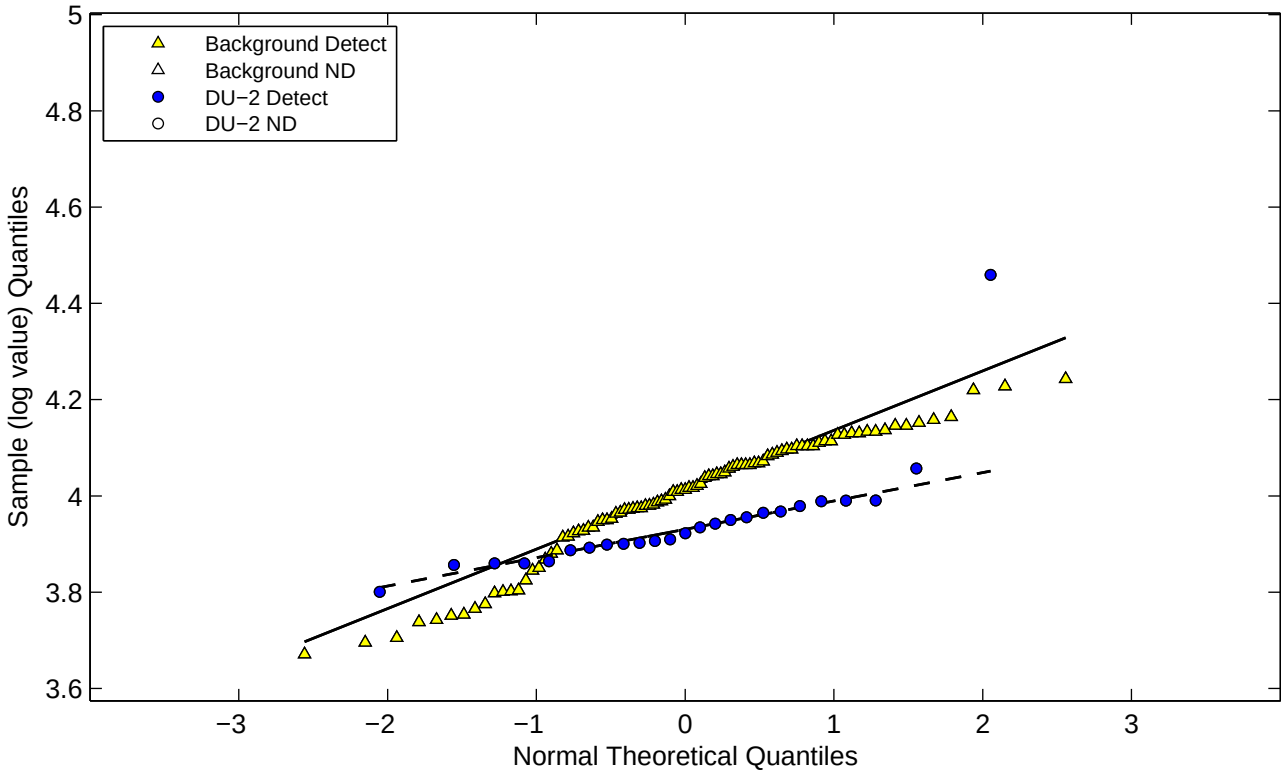
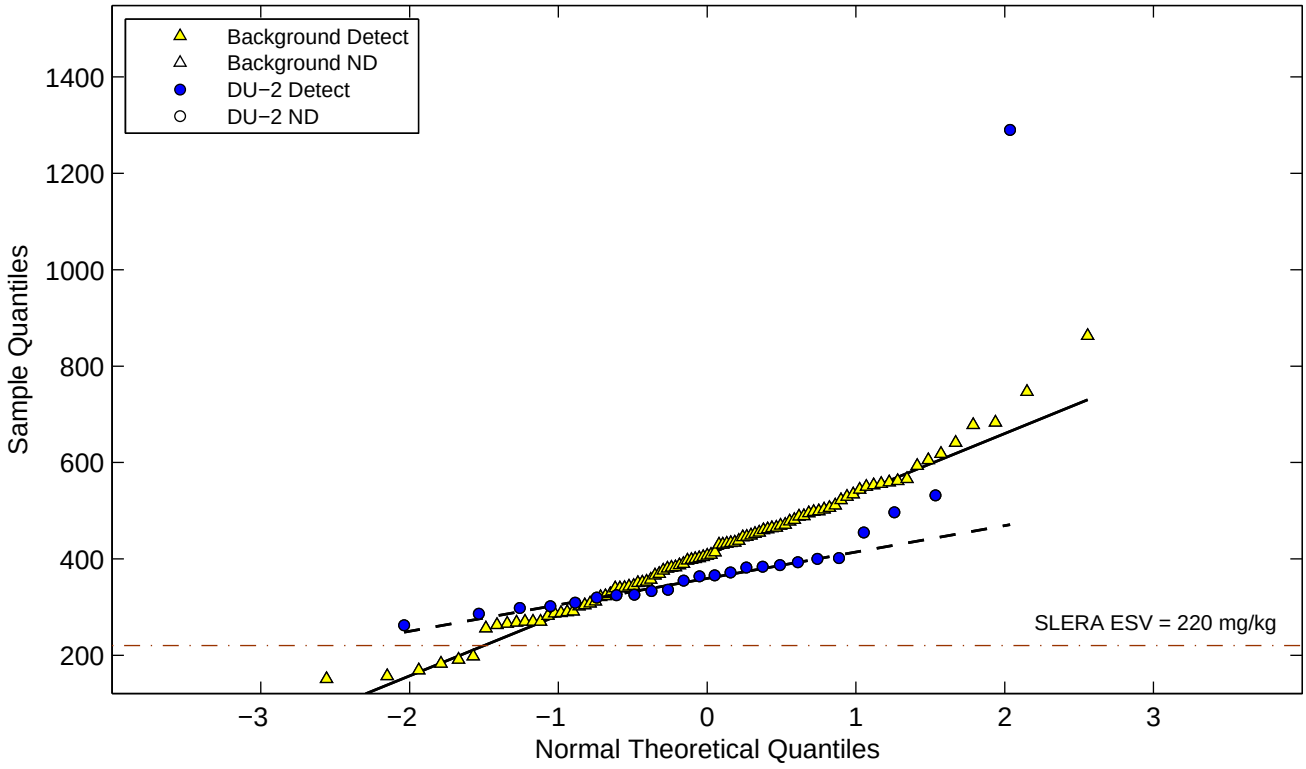


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Manganese



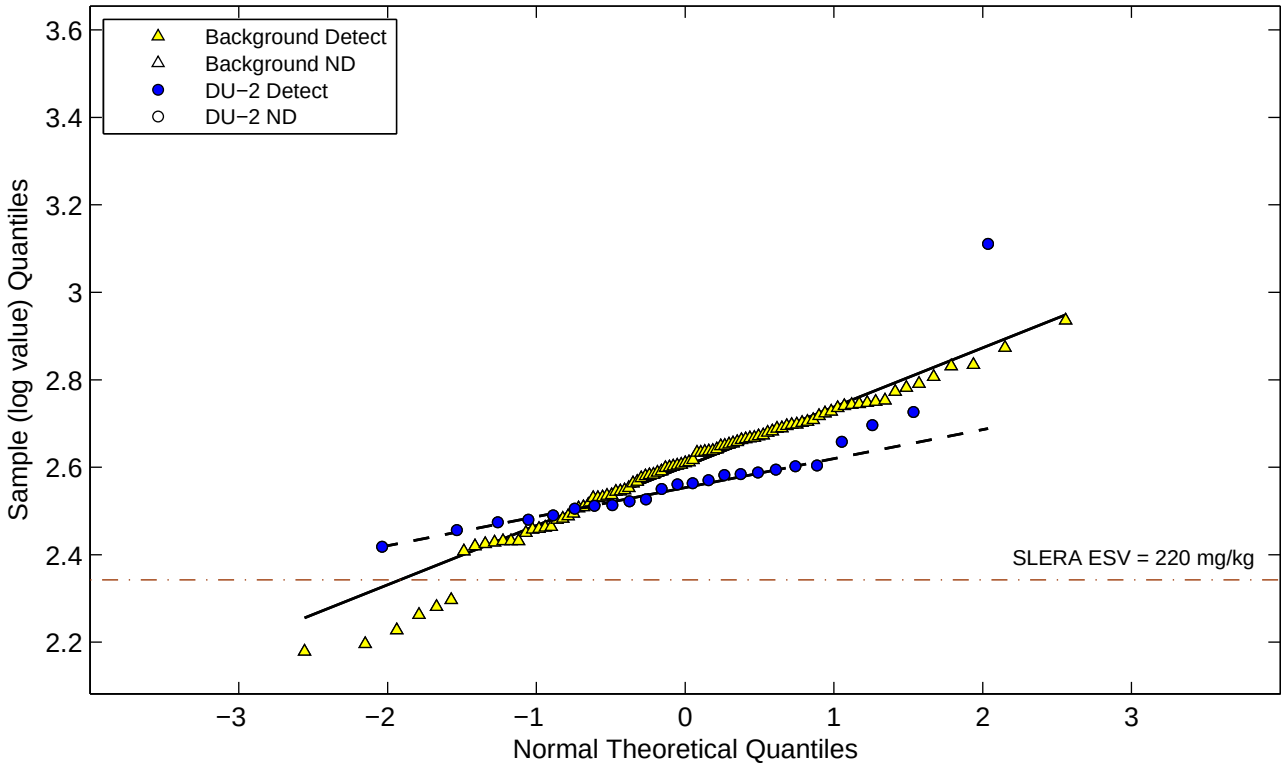
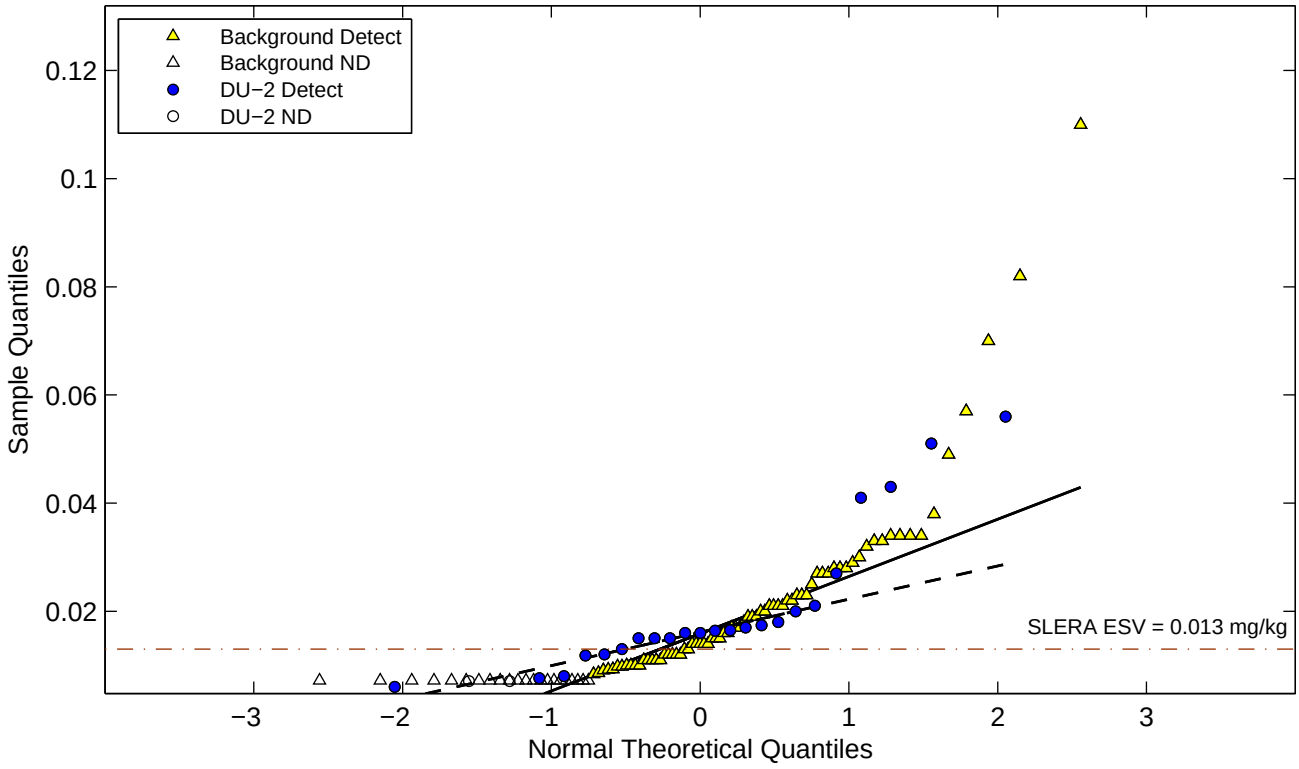


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Mercury



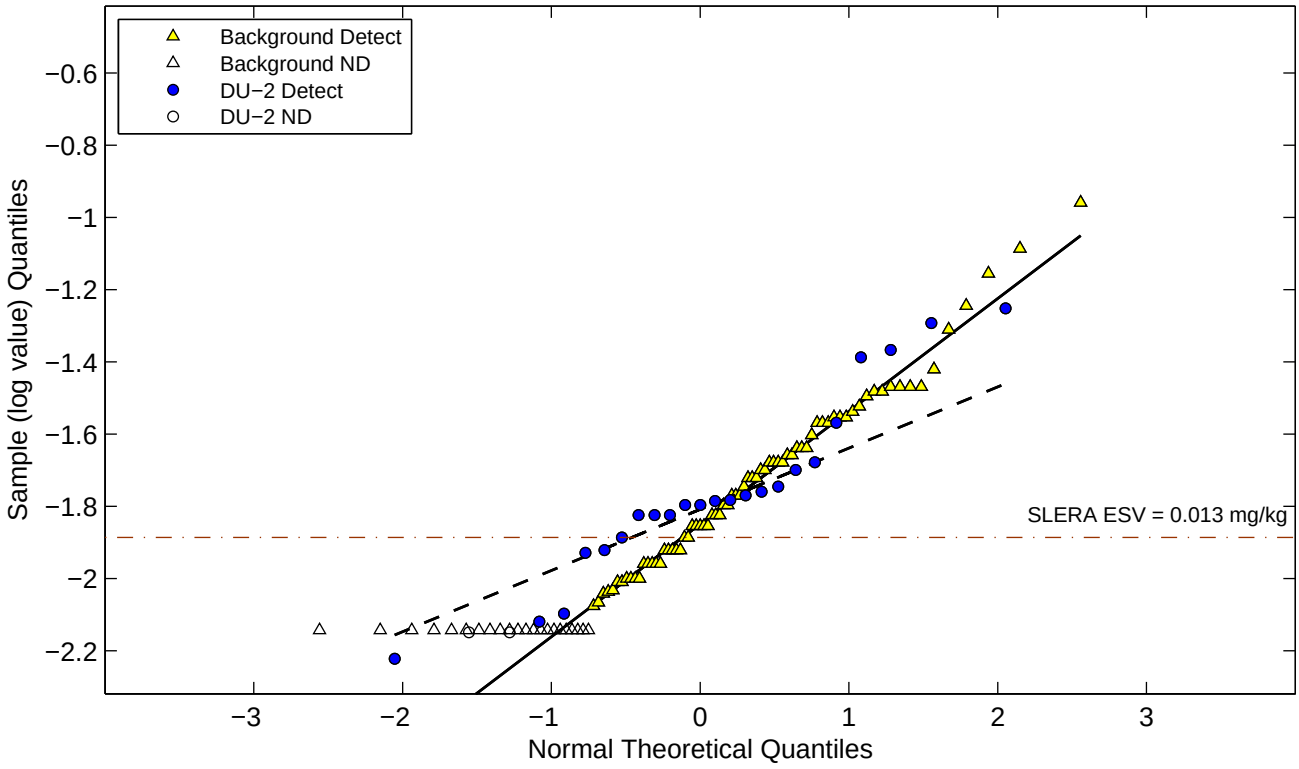
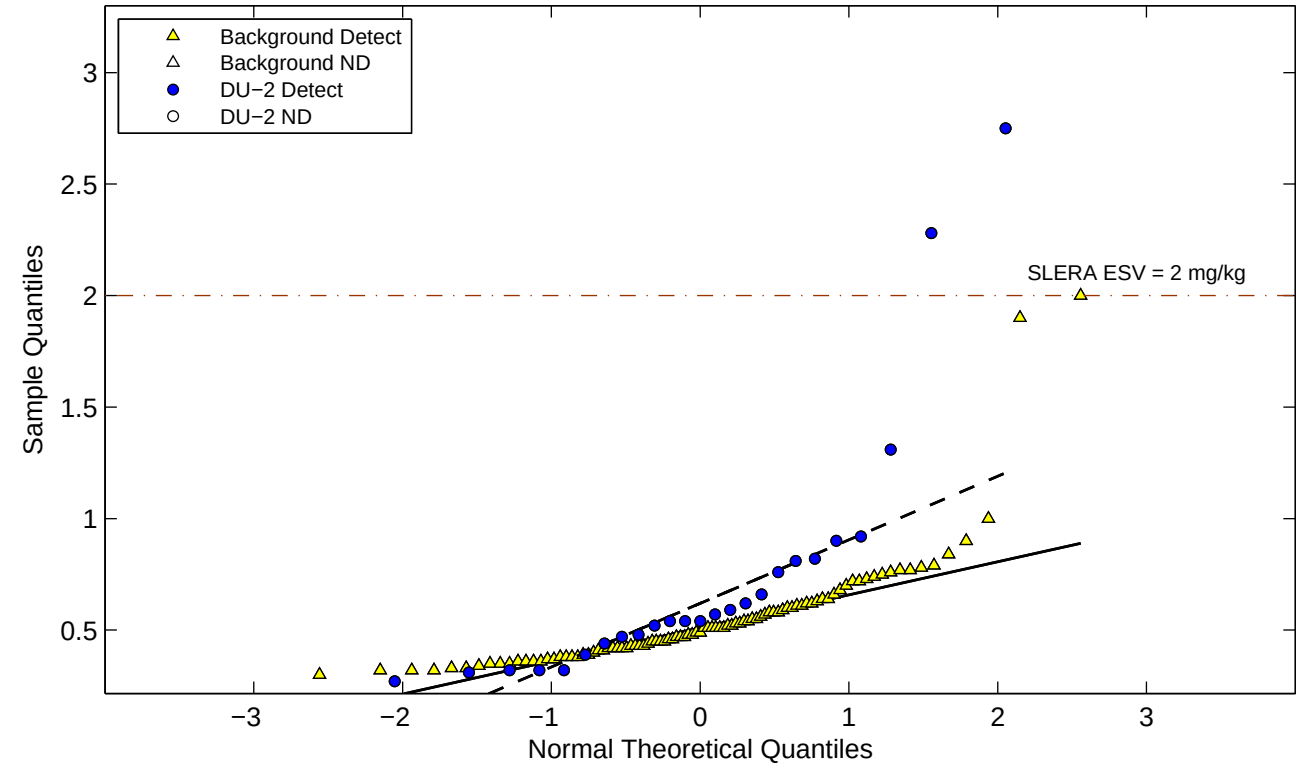


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Molybdenum



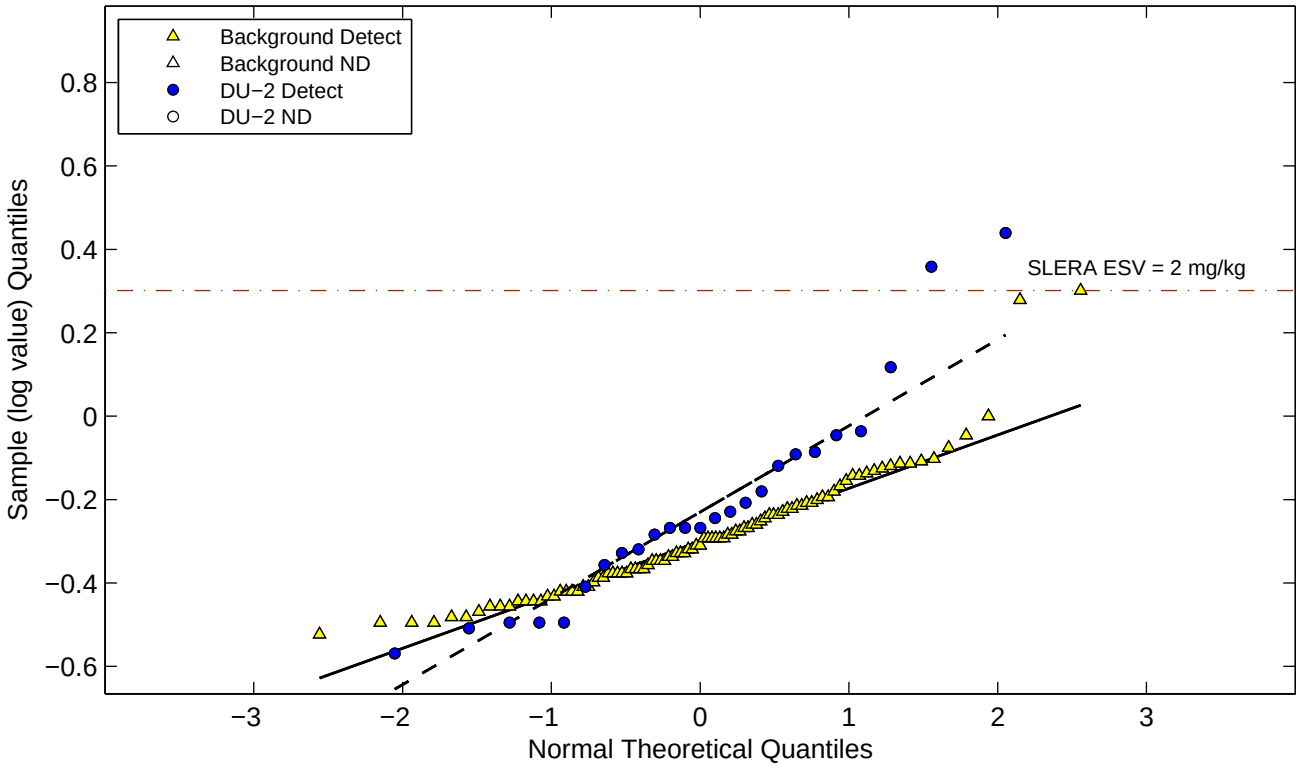
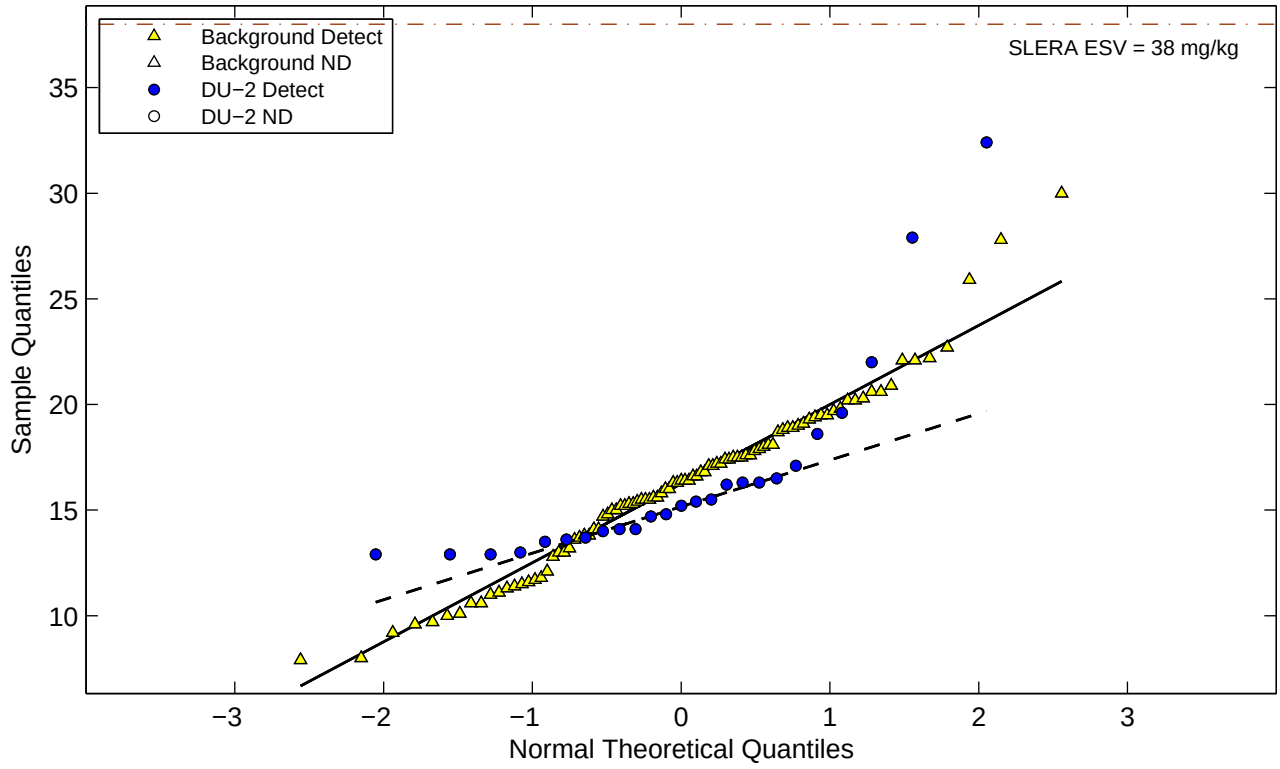


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Nickel



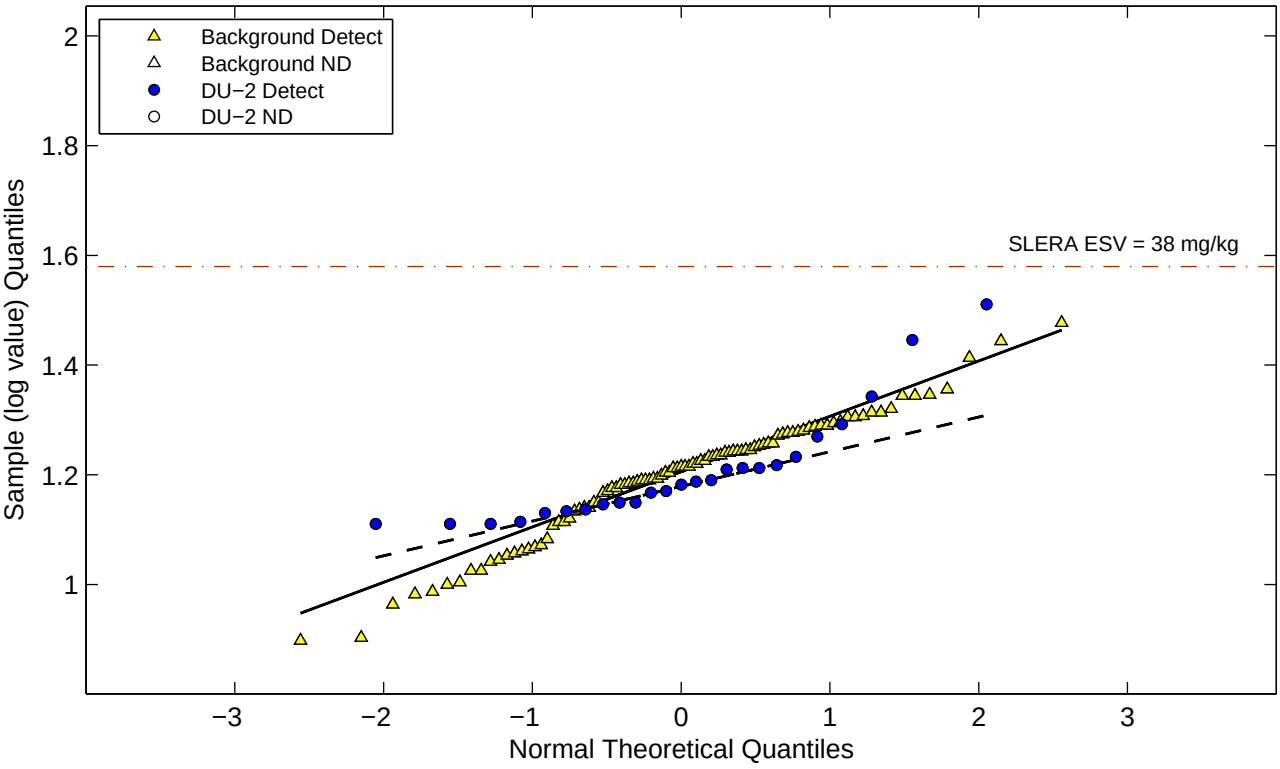
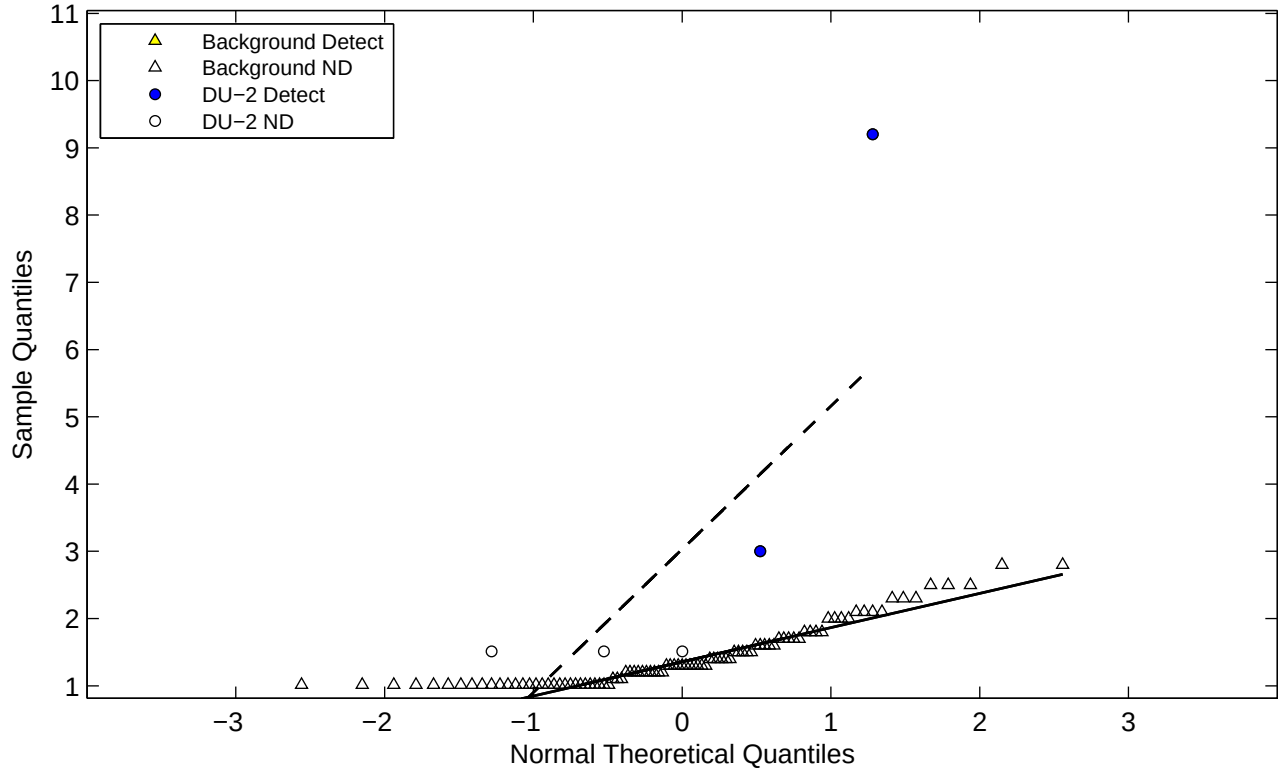


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Niobium



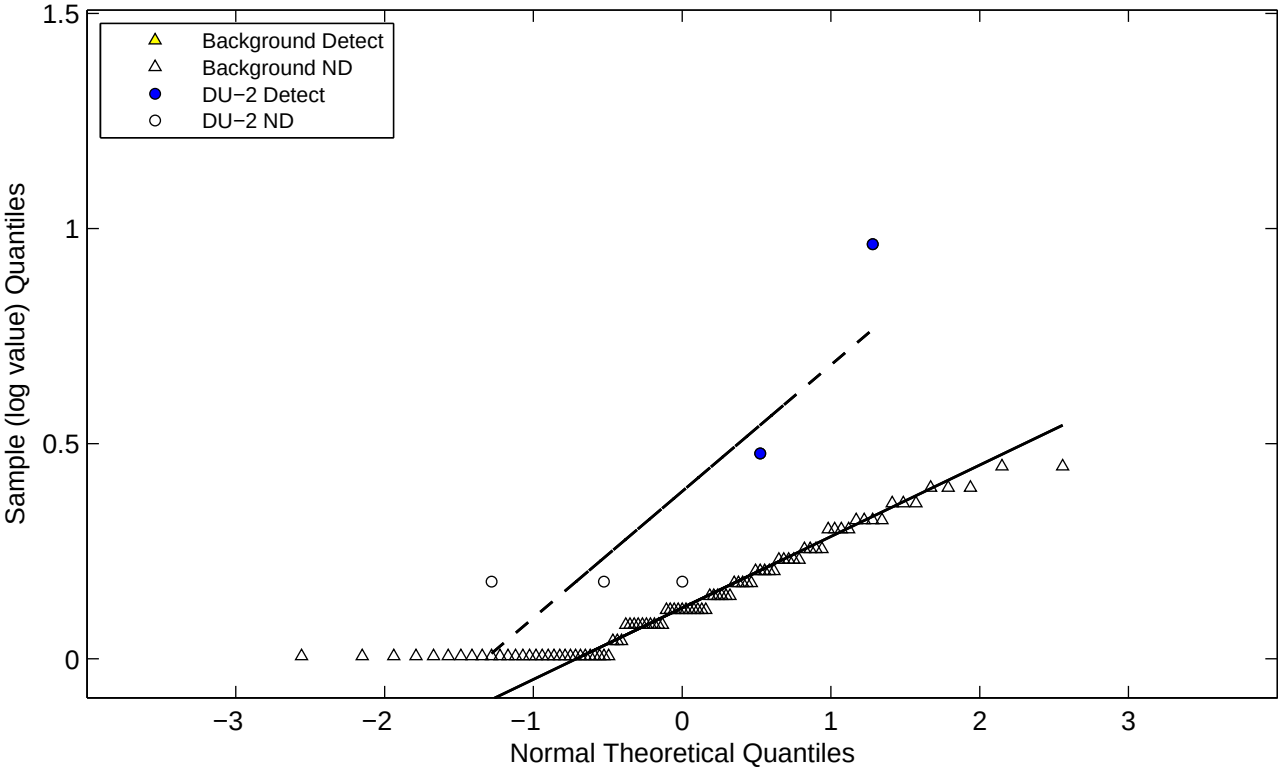
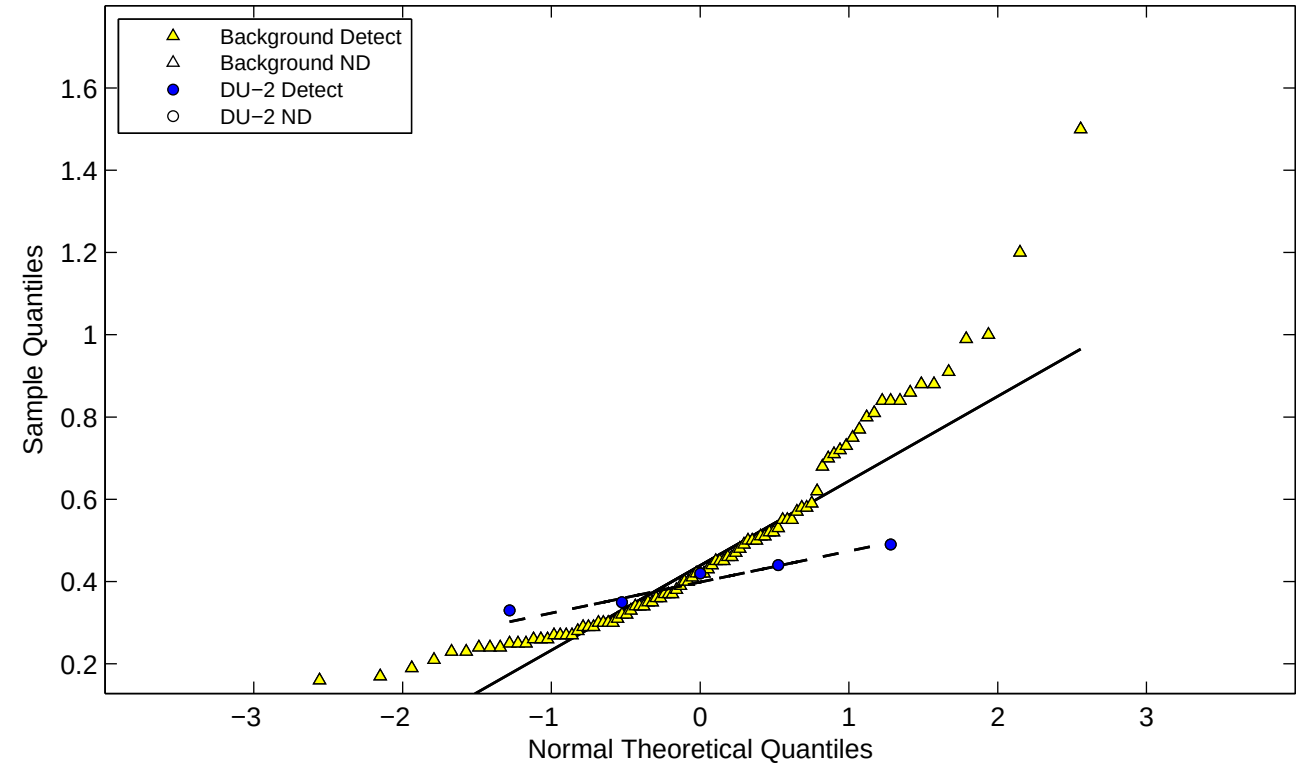


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2) Palladium



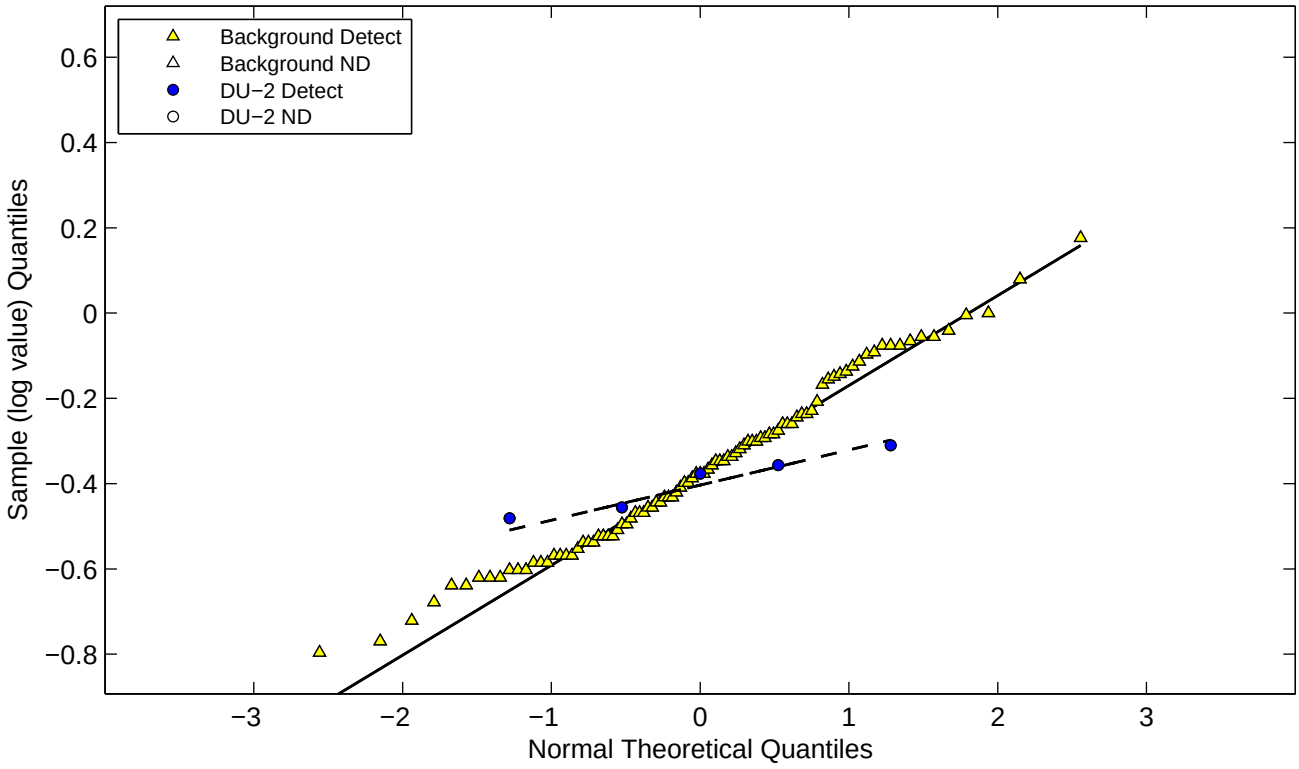
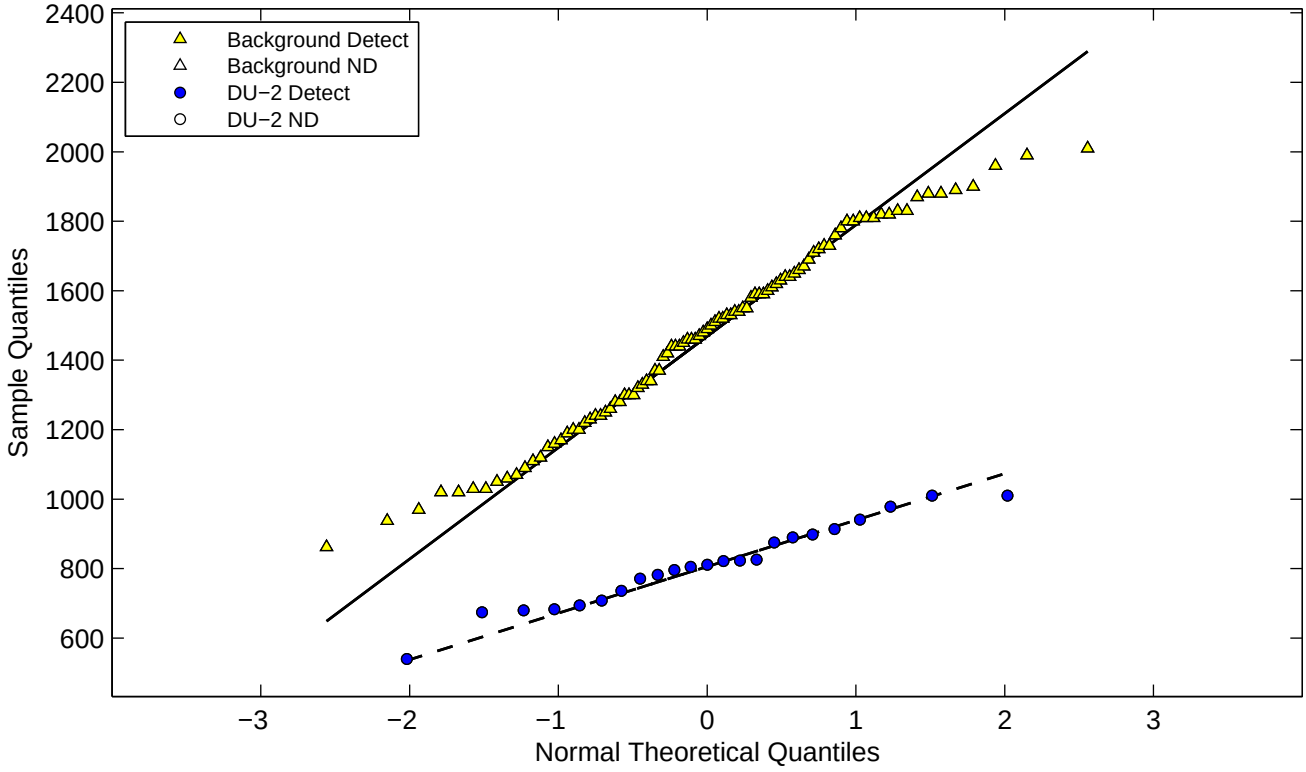


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2) Phosphorus (total)



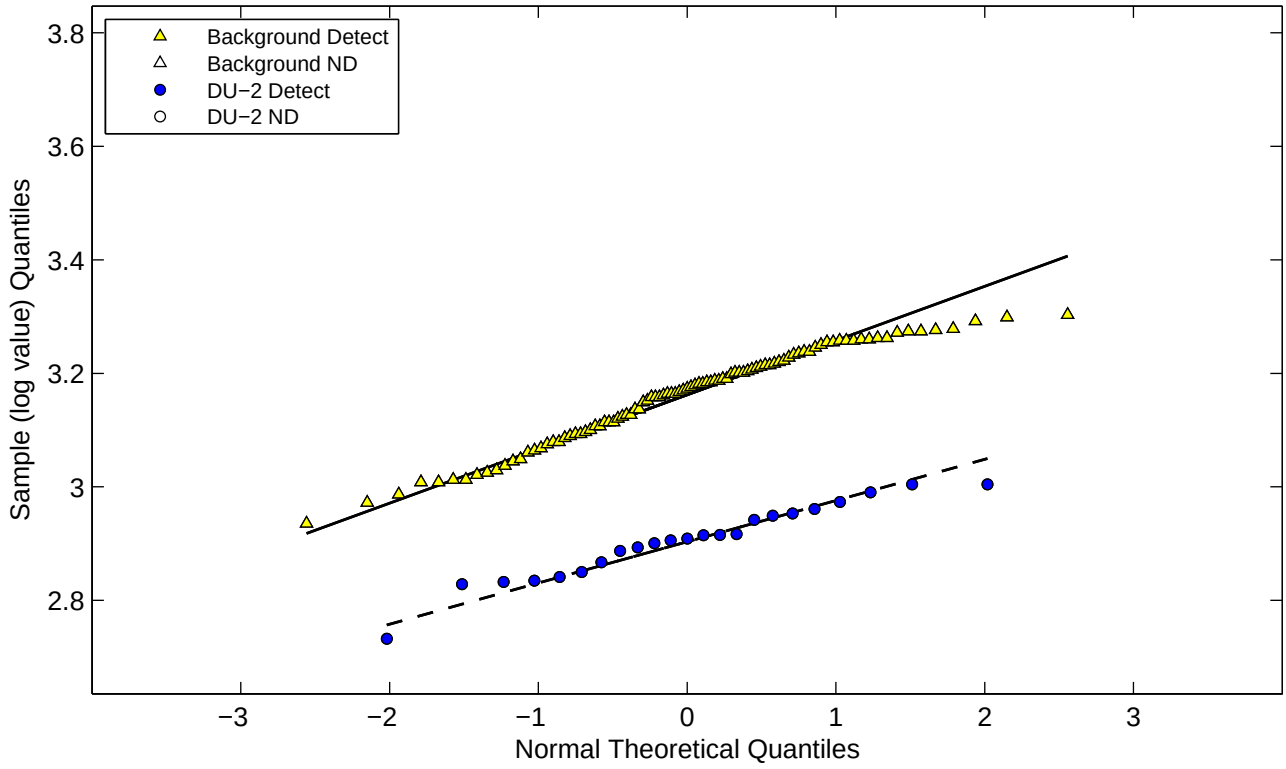
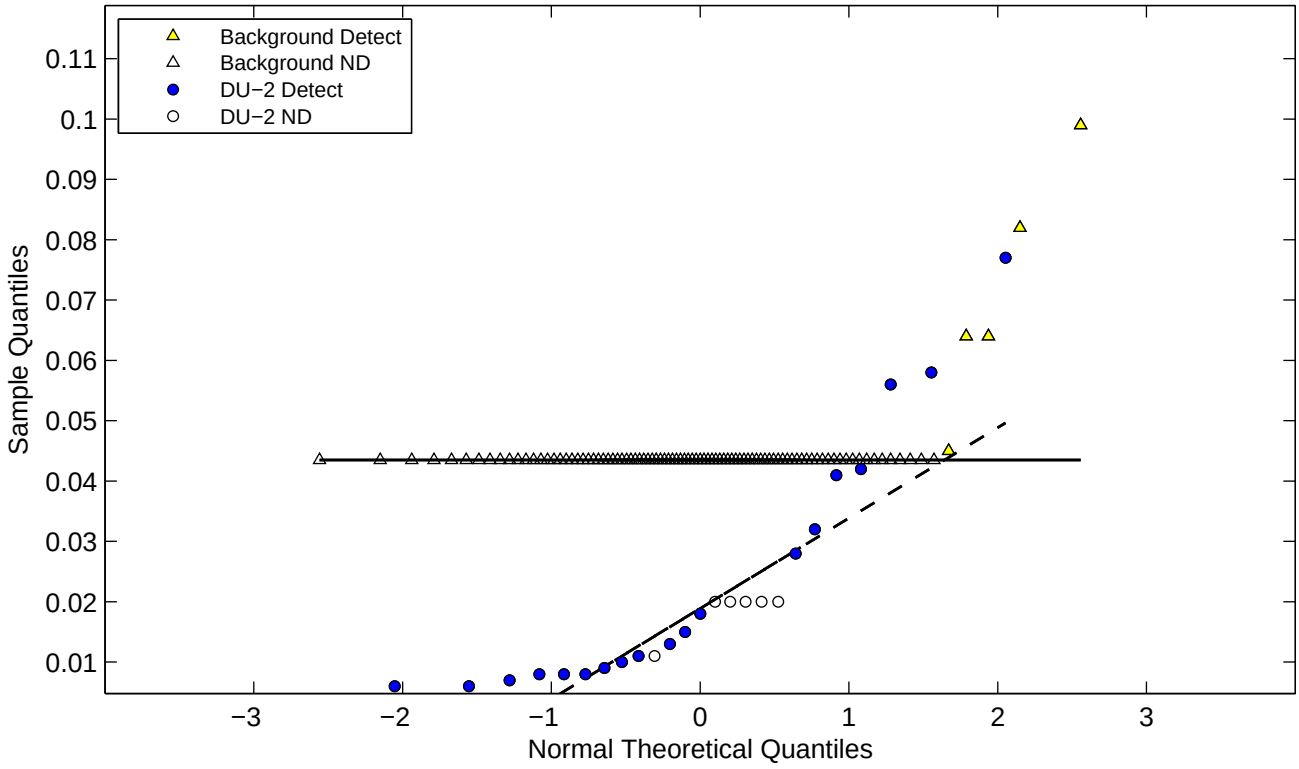


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Platinum



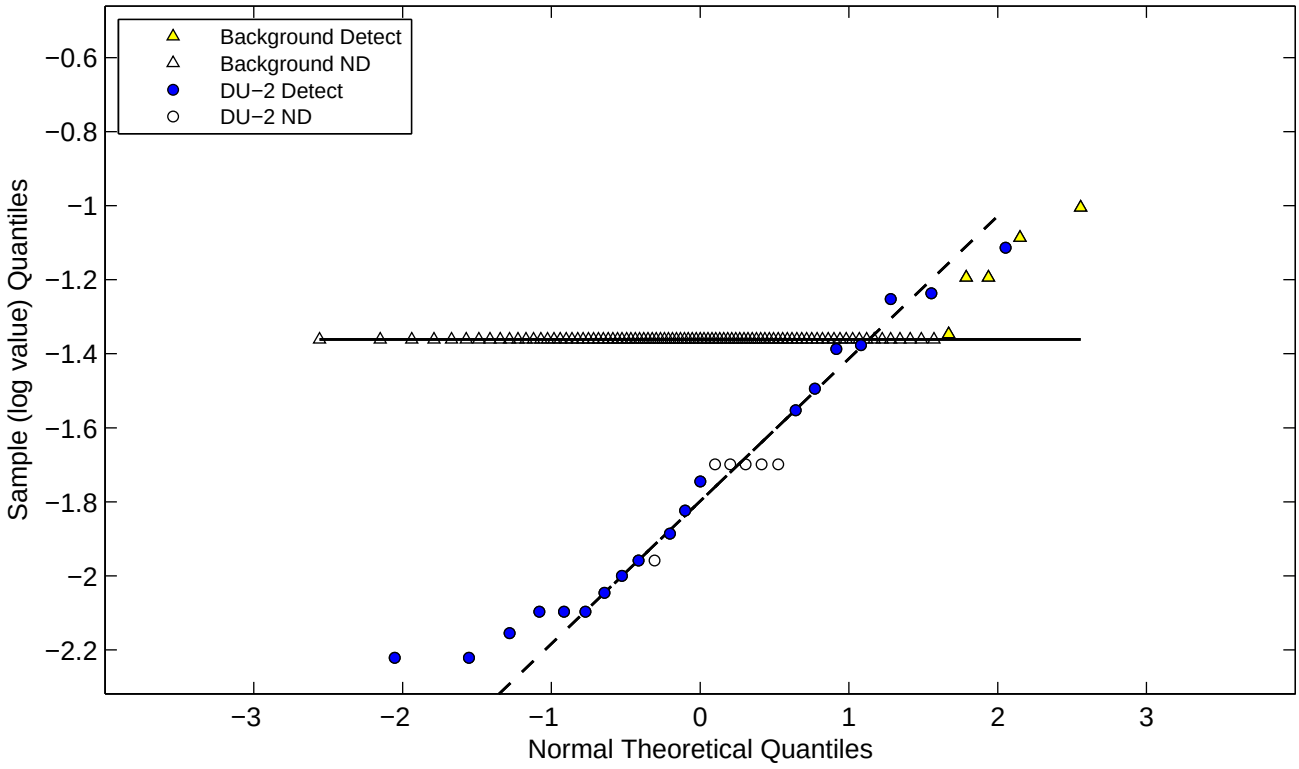
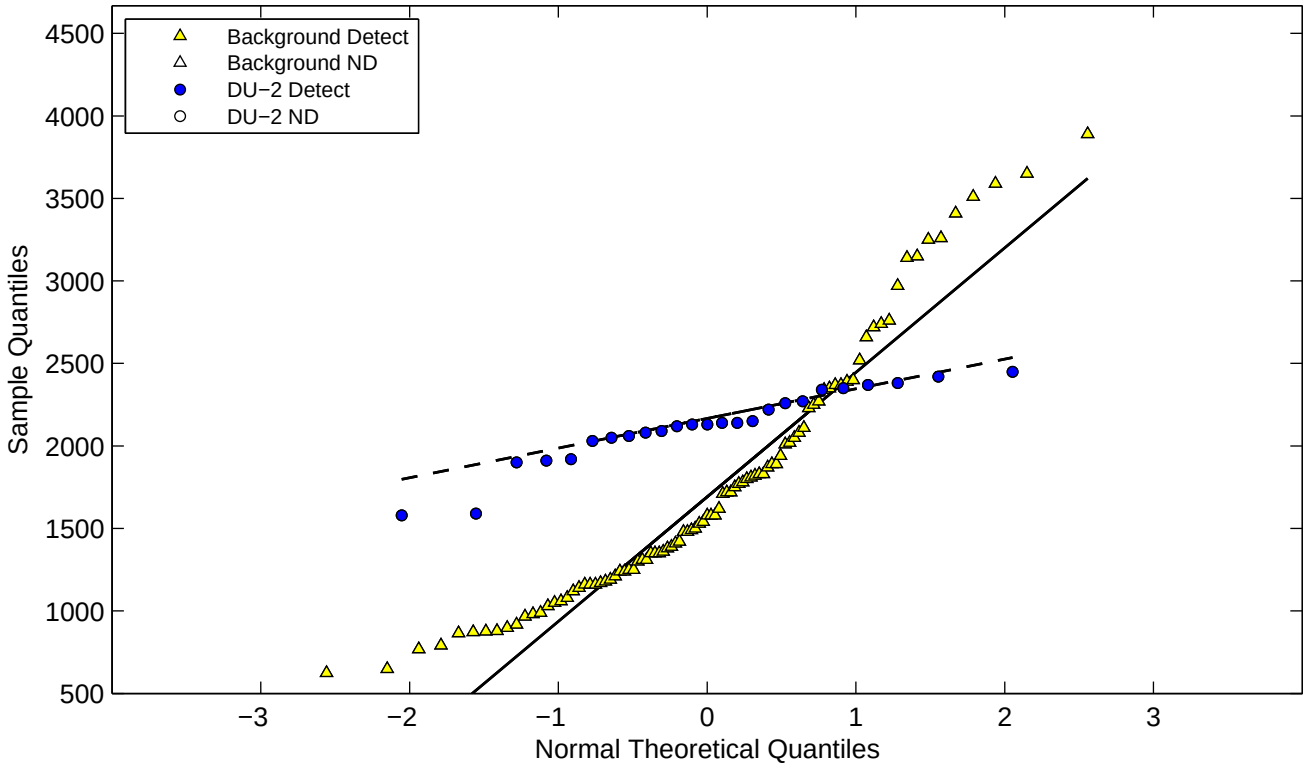


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2) Potassium



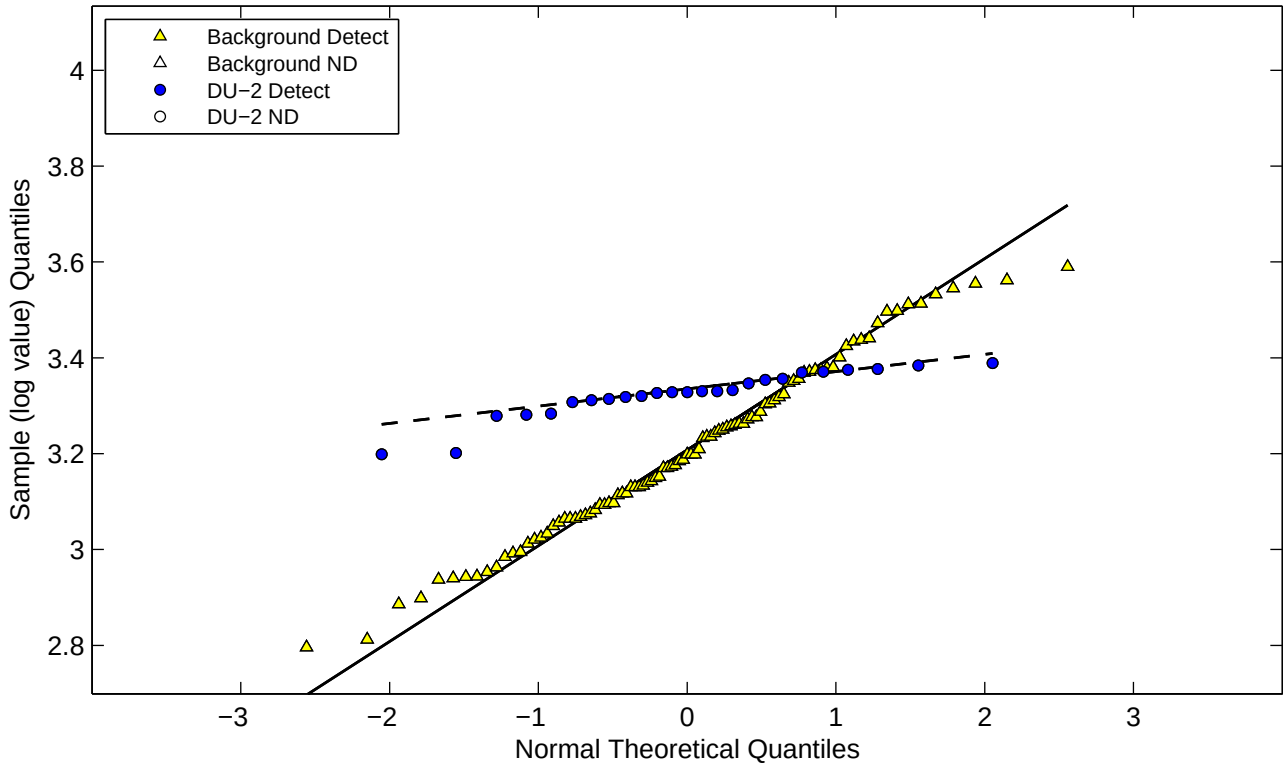
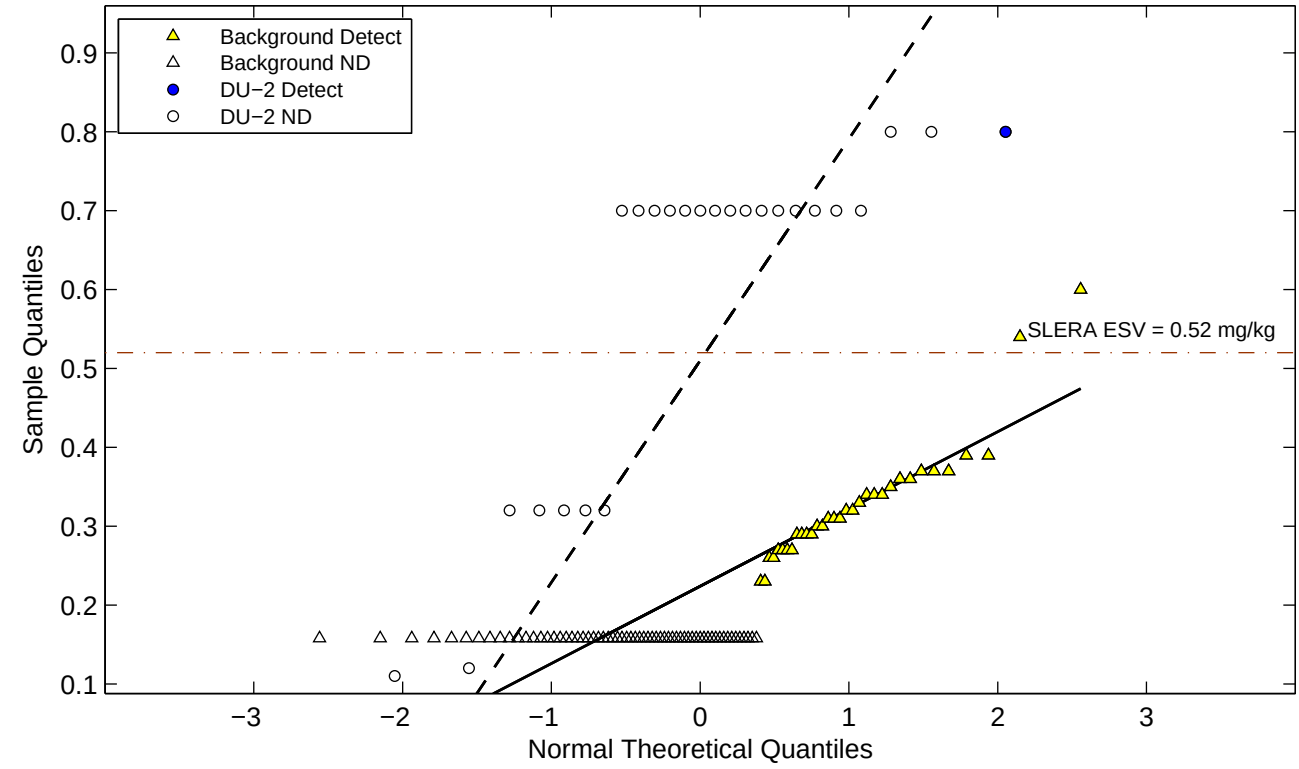


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2) Selenium



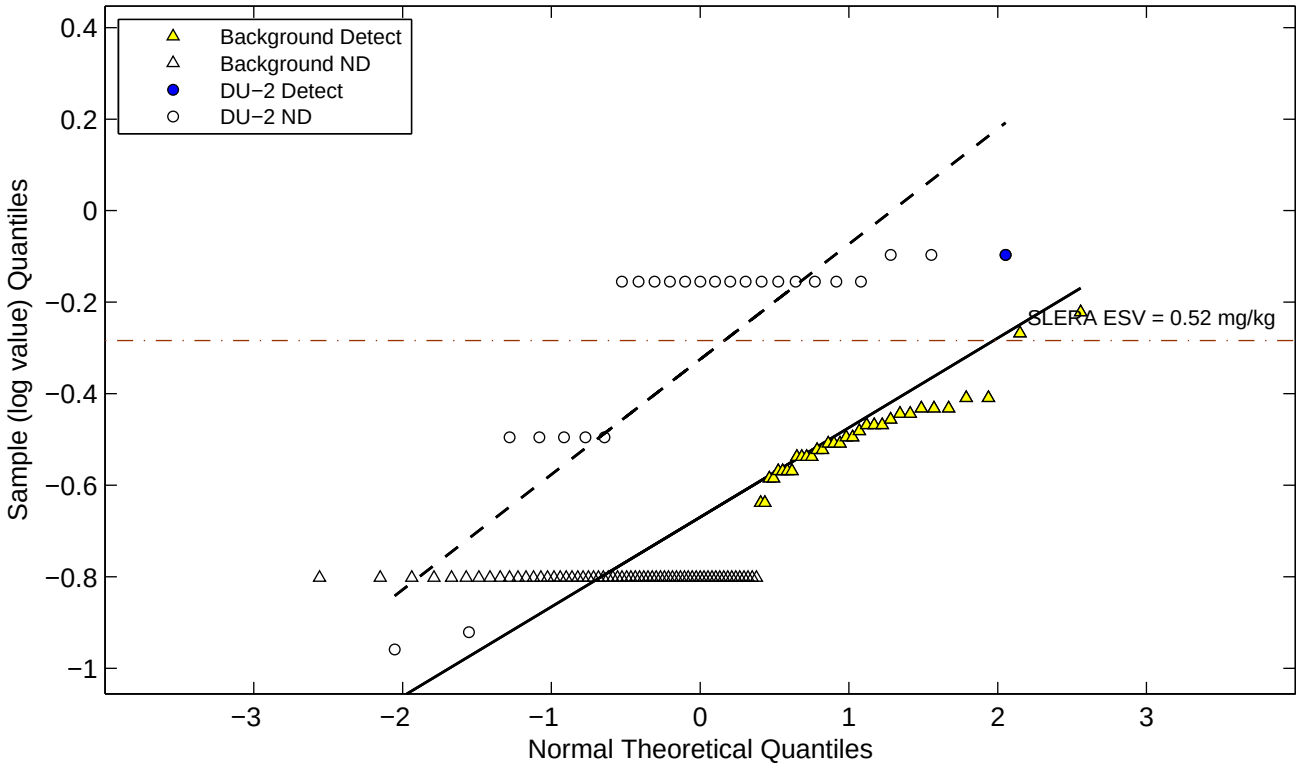
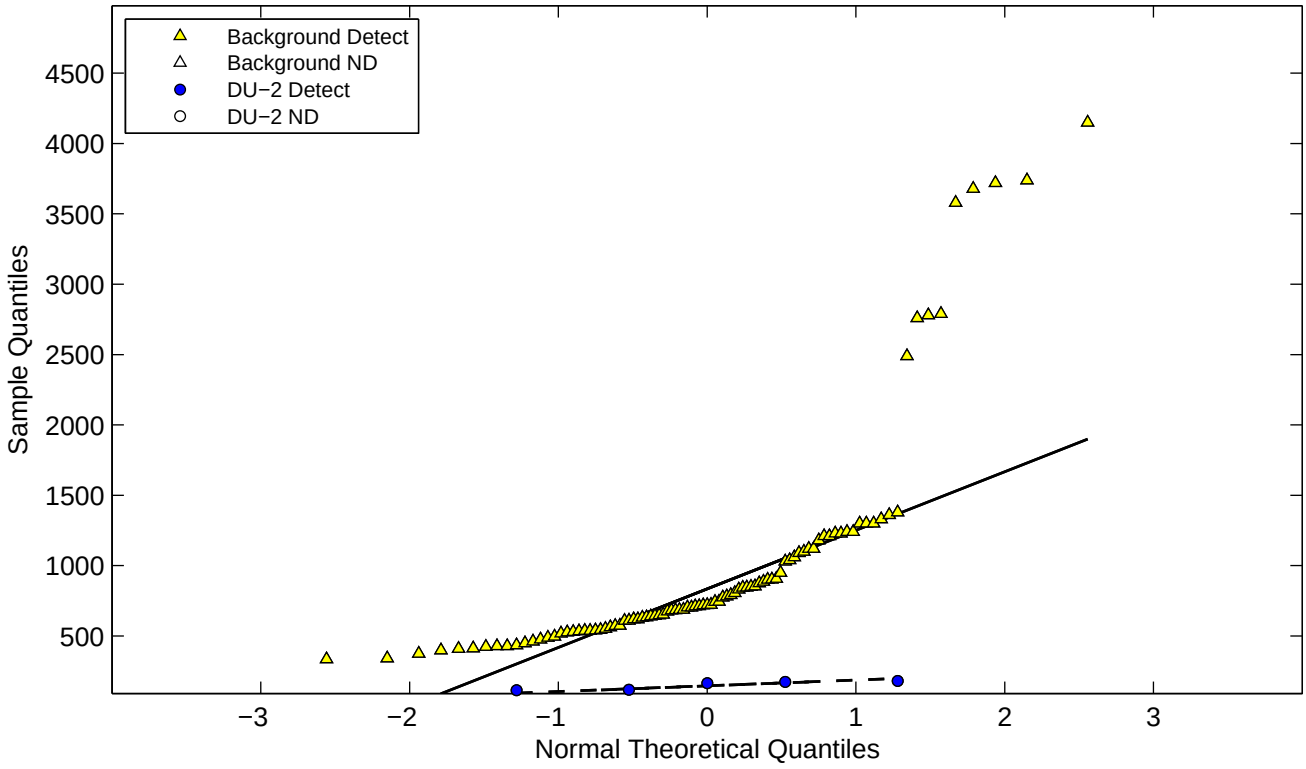


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Silicon



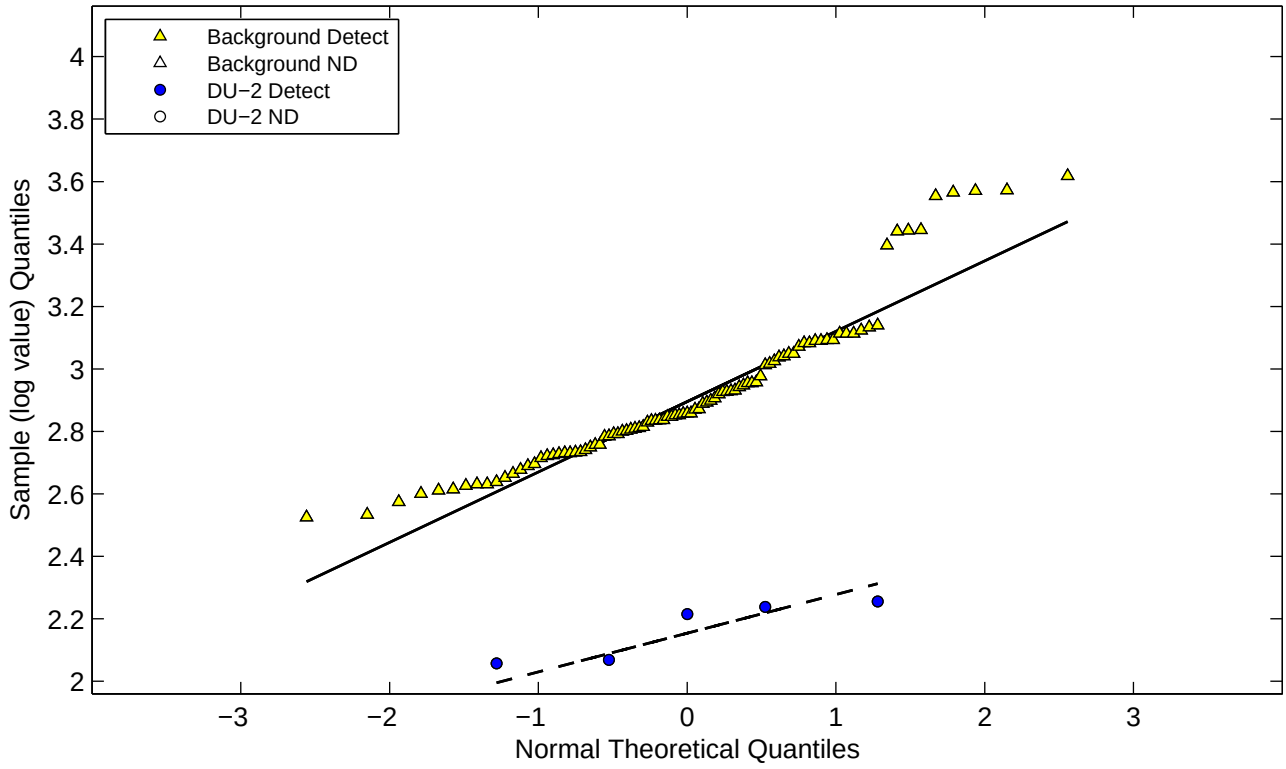
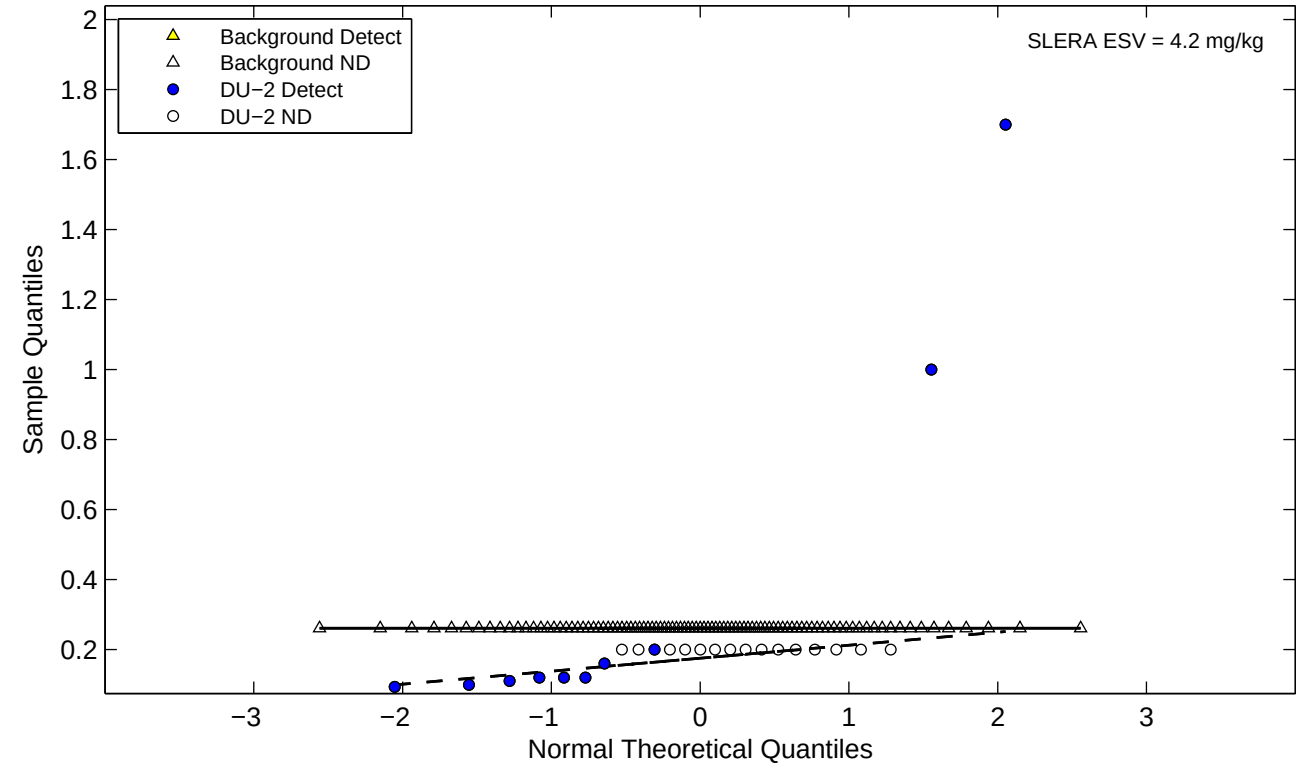


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Silver



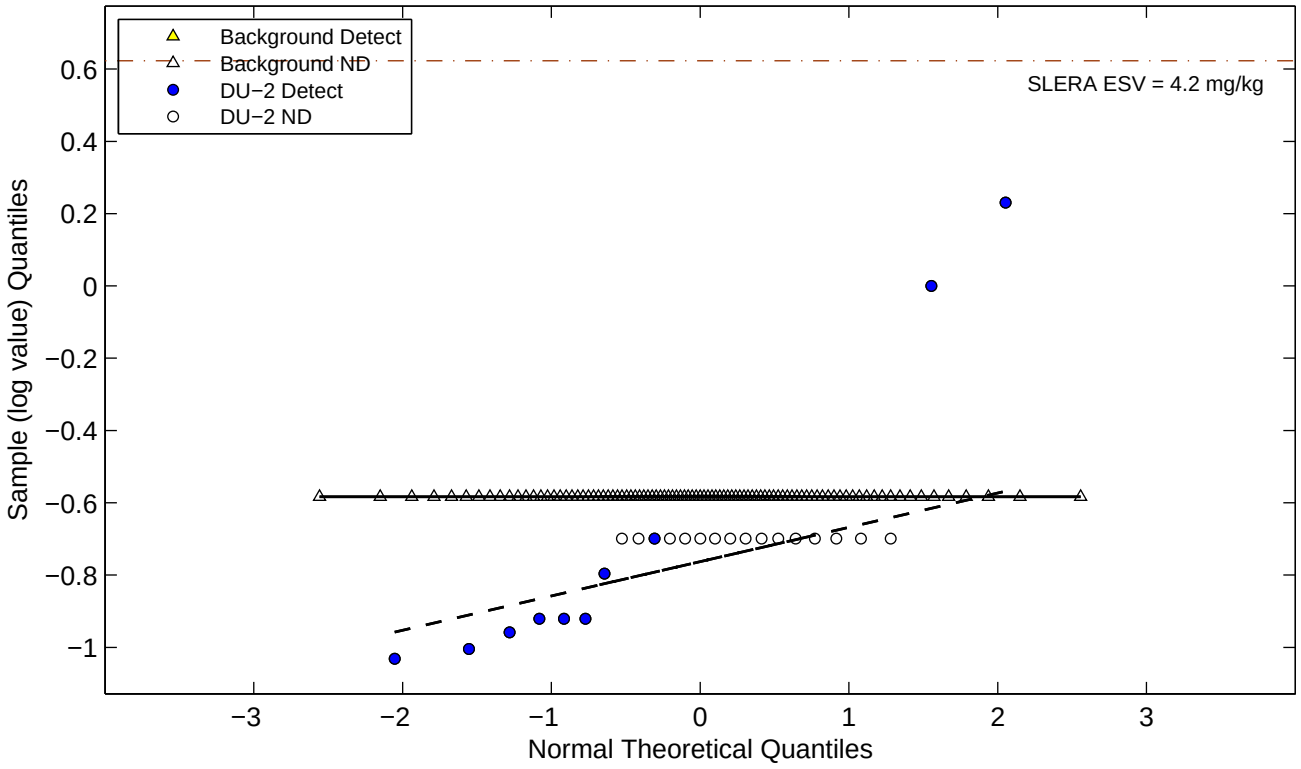
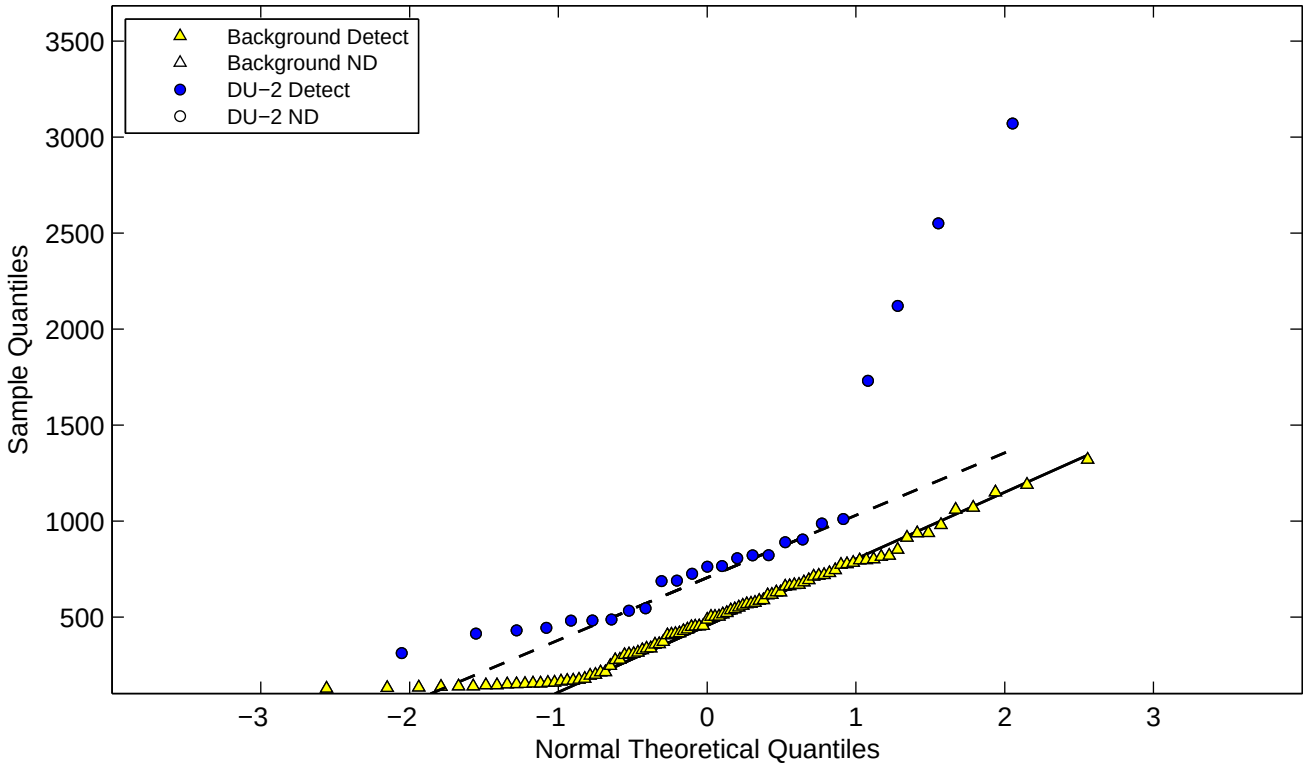


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Sodium



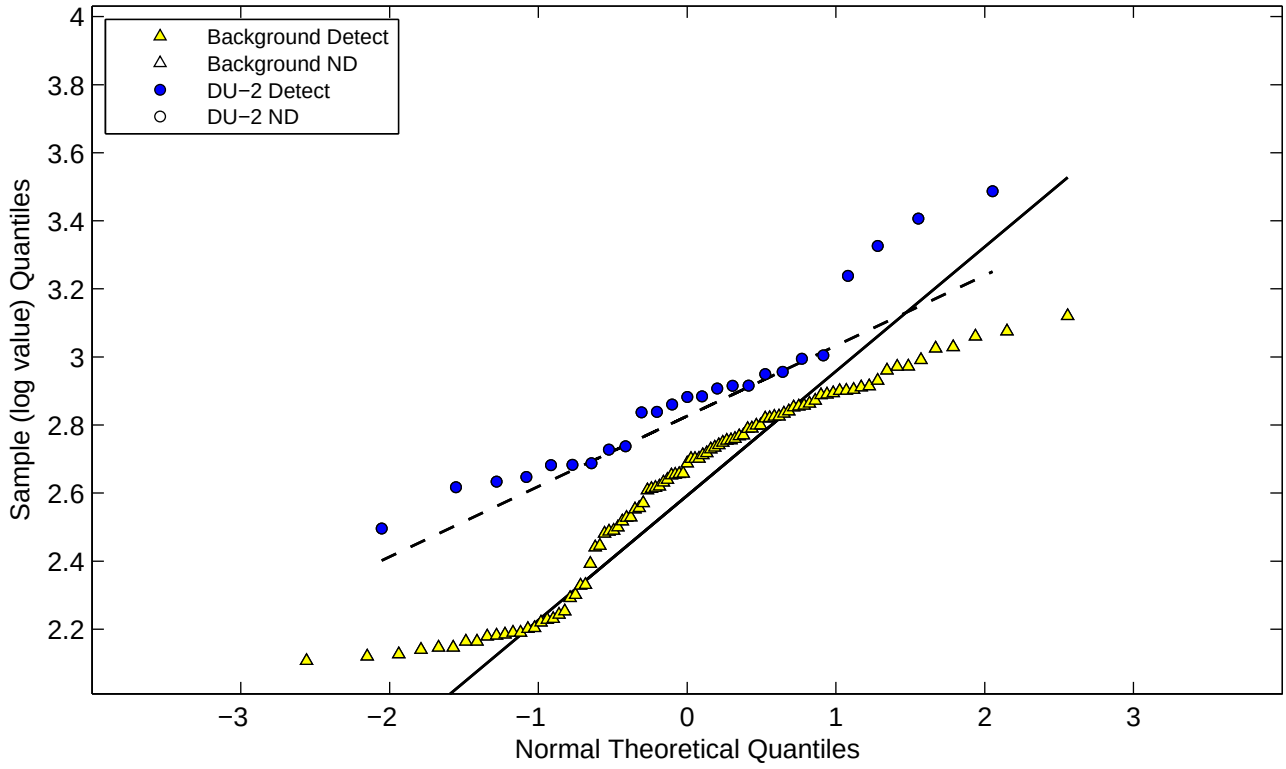
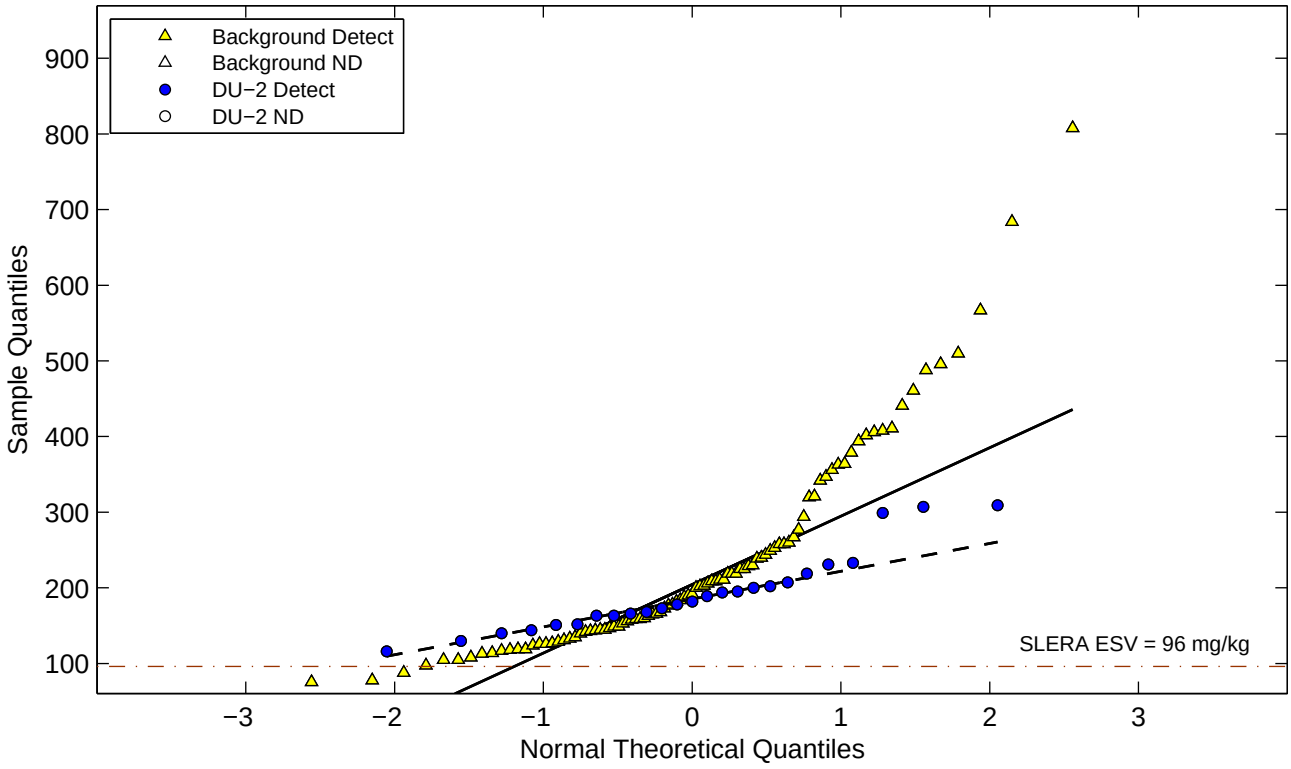


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2) Strontium



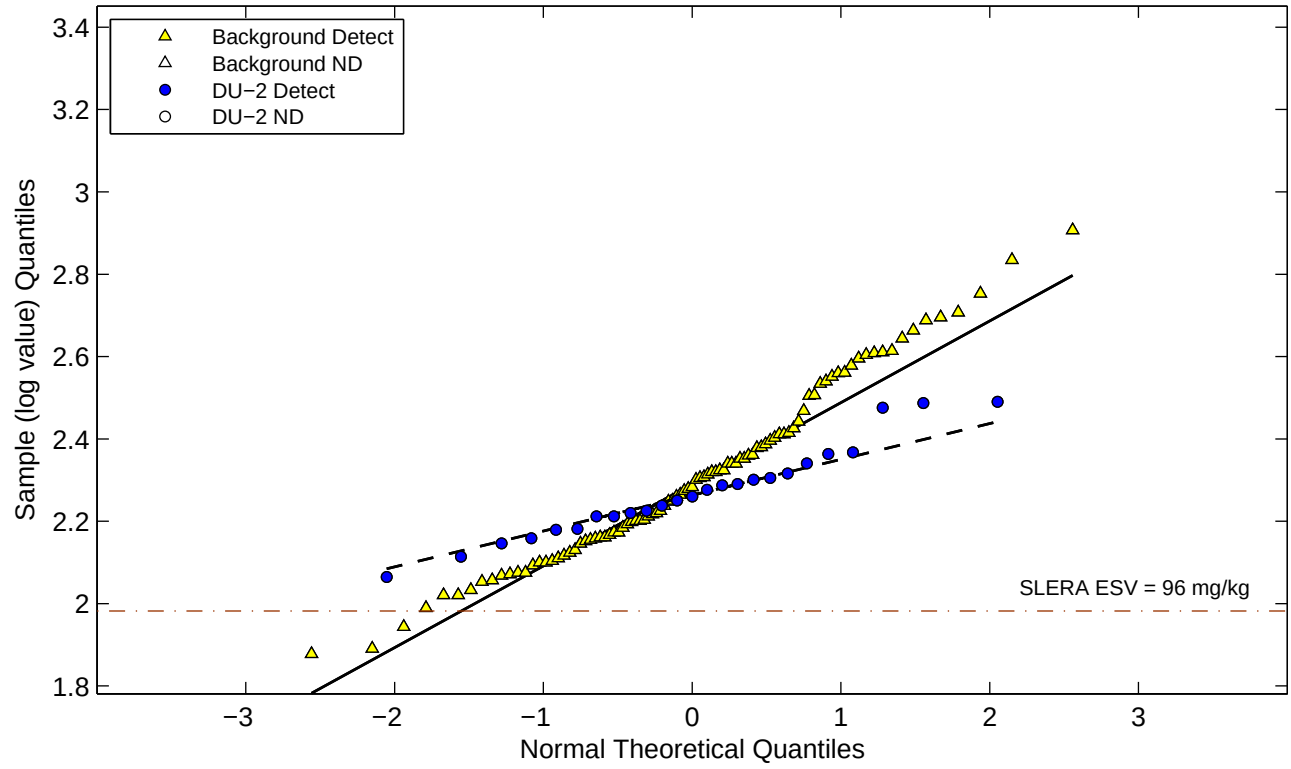
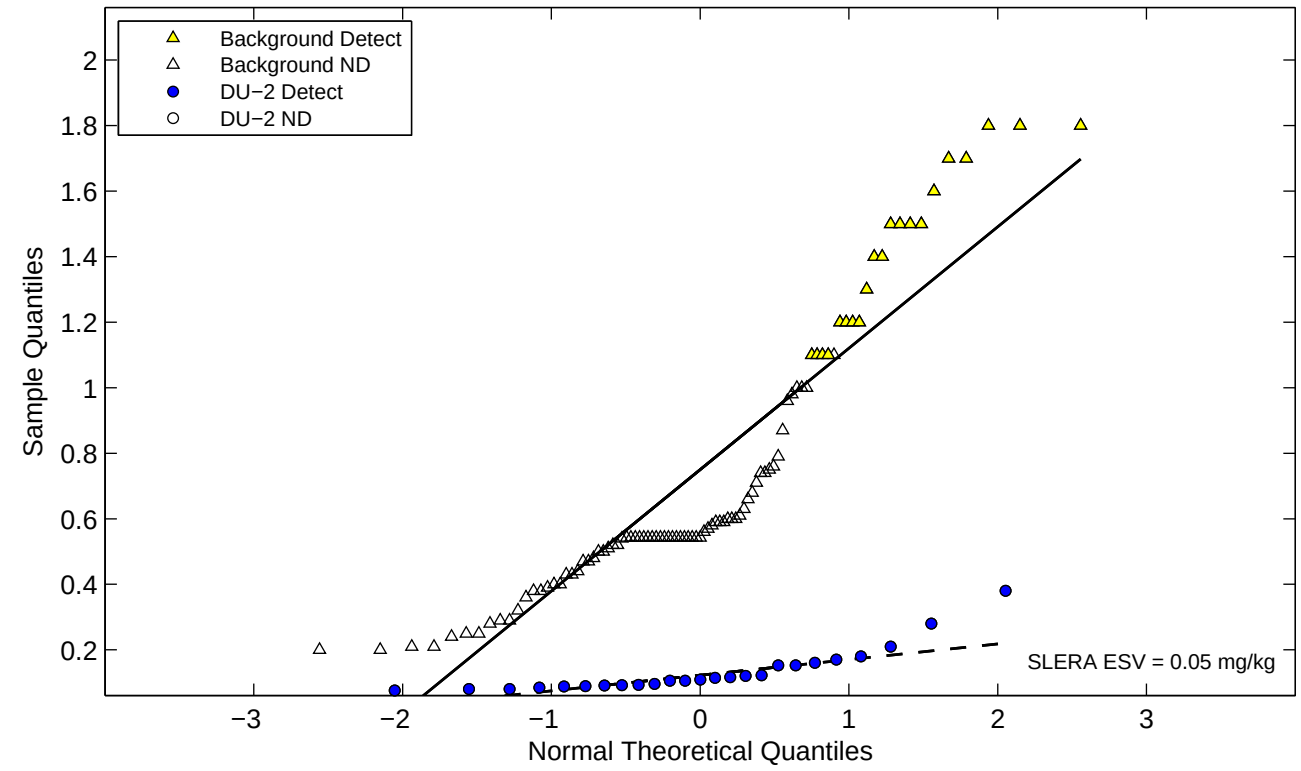


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Thallium



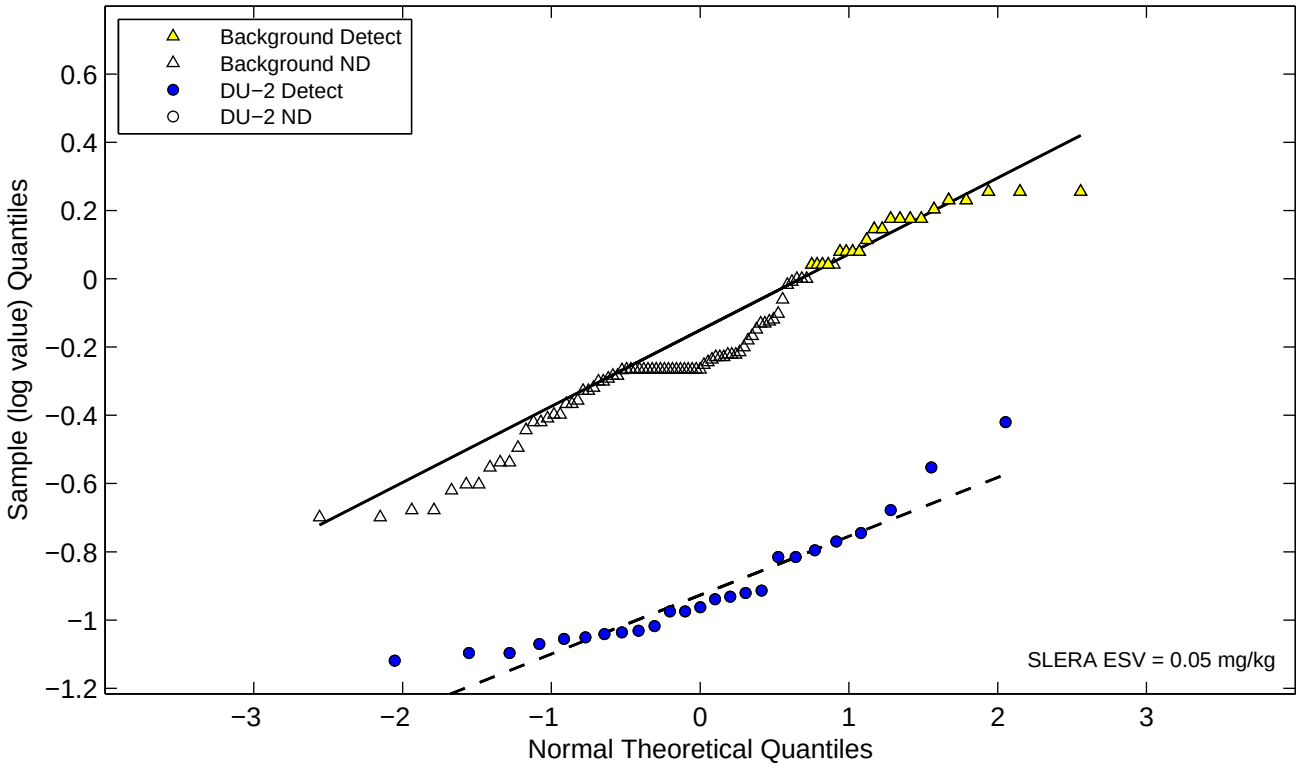
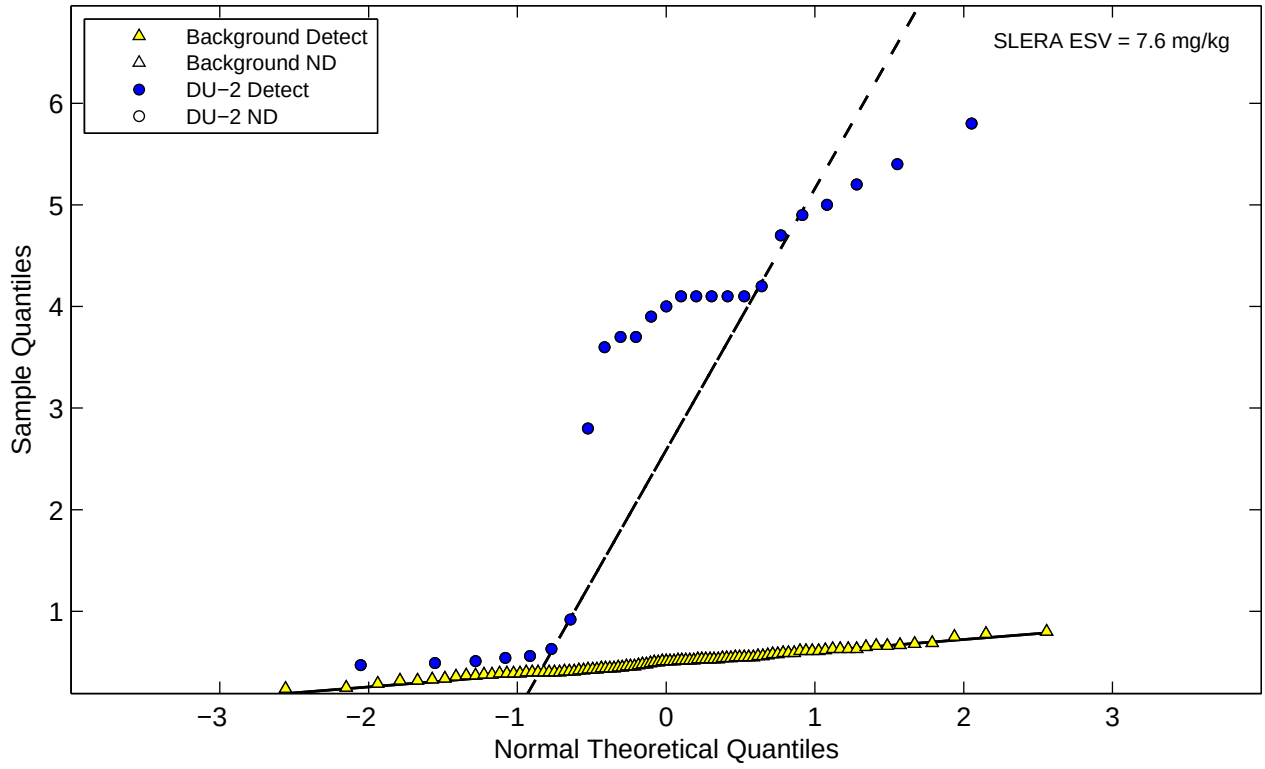


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Tin



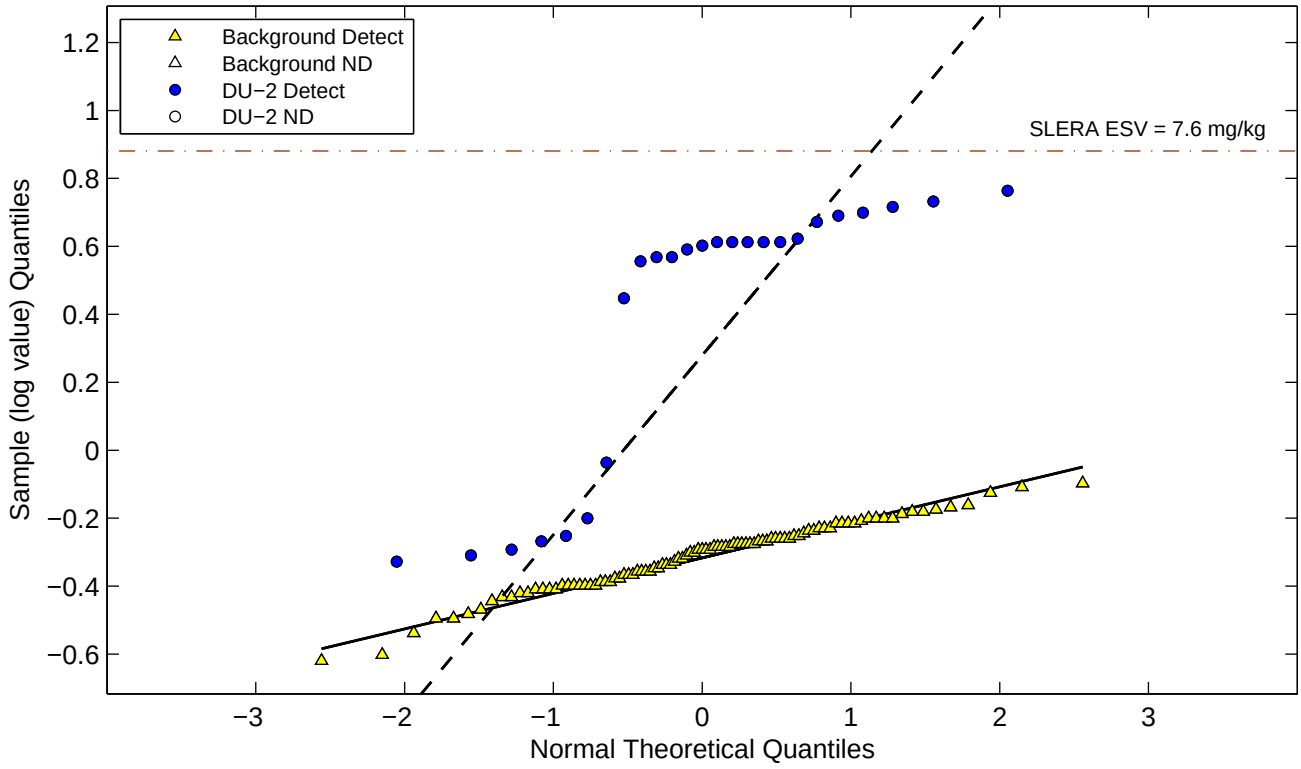
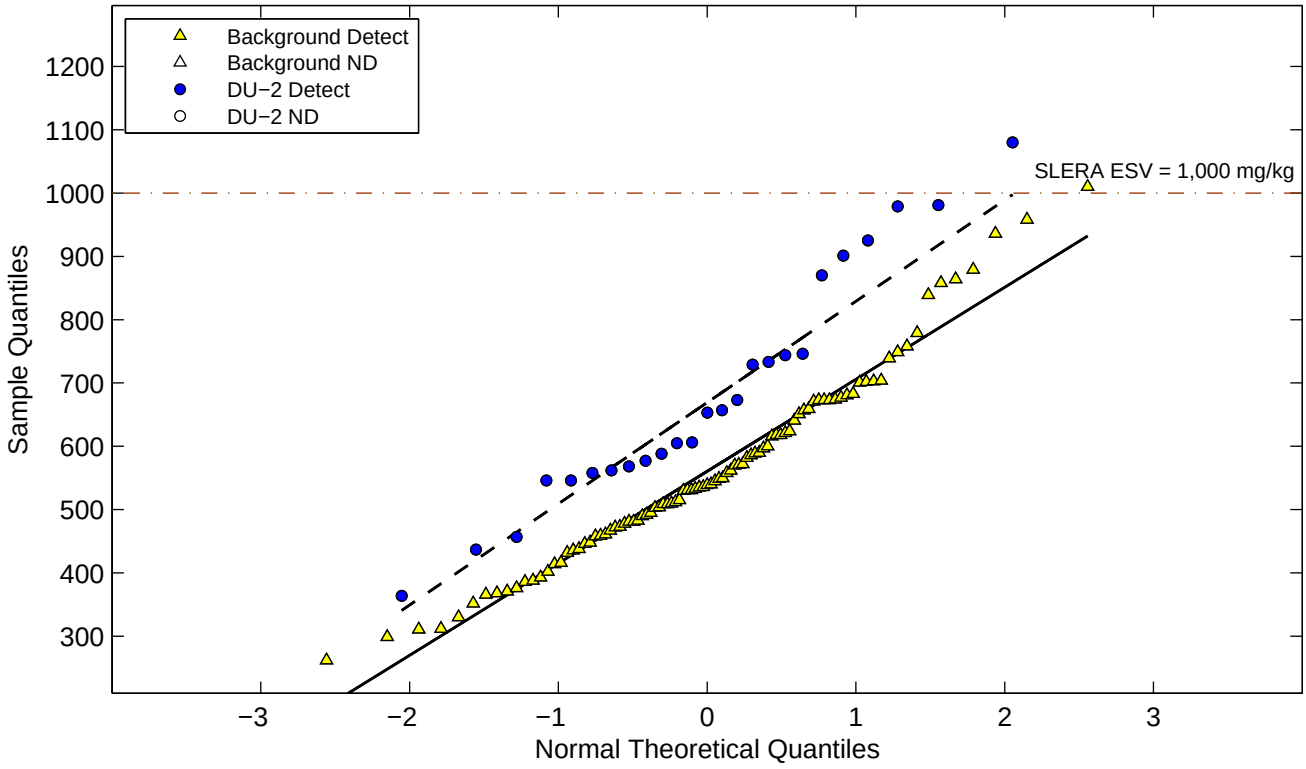


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Titanium



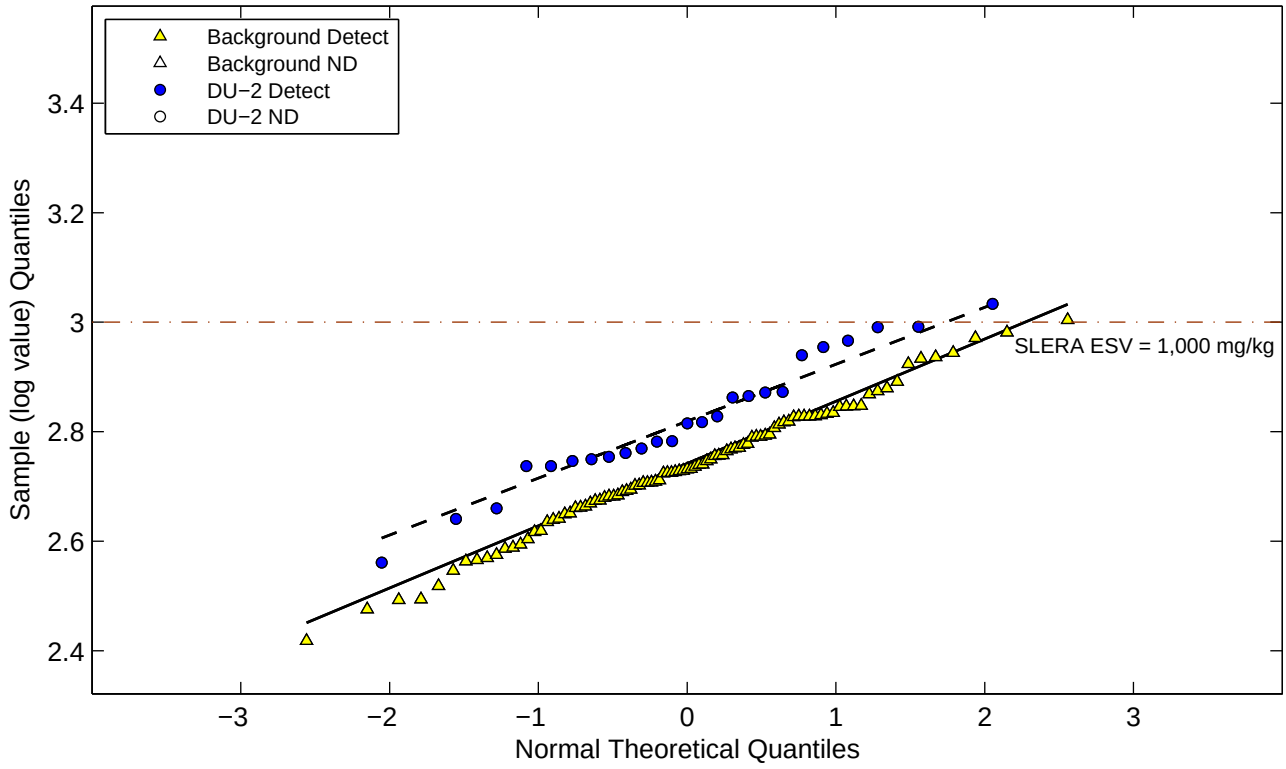
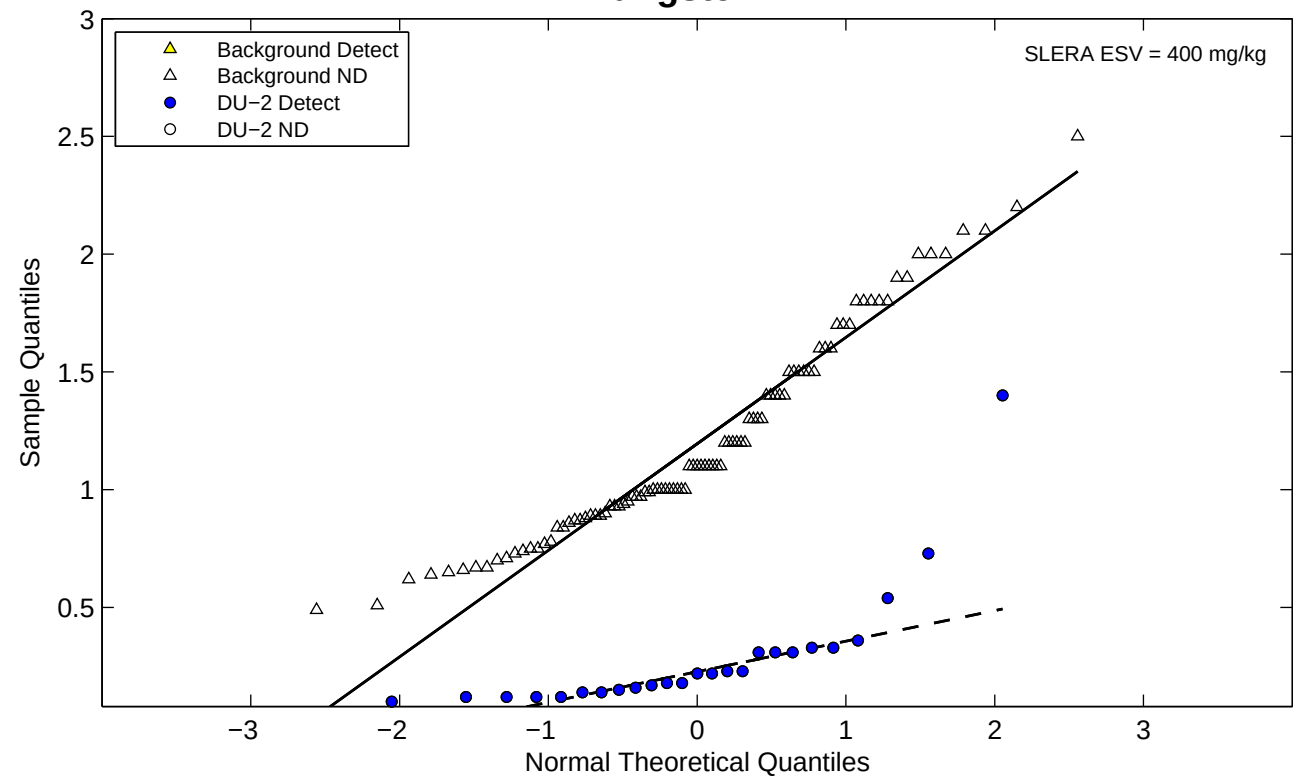


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Tungsten



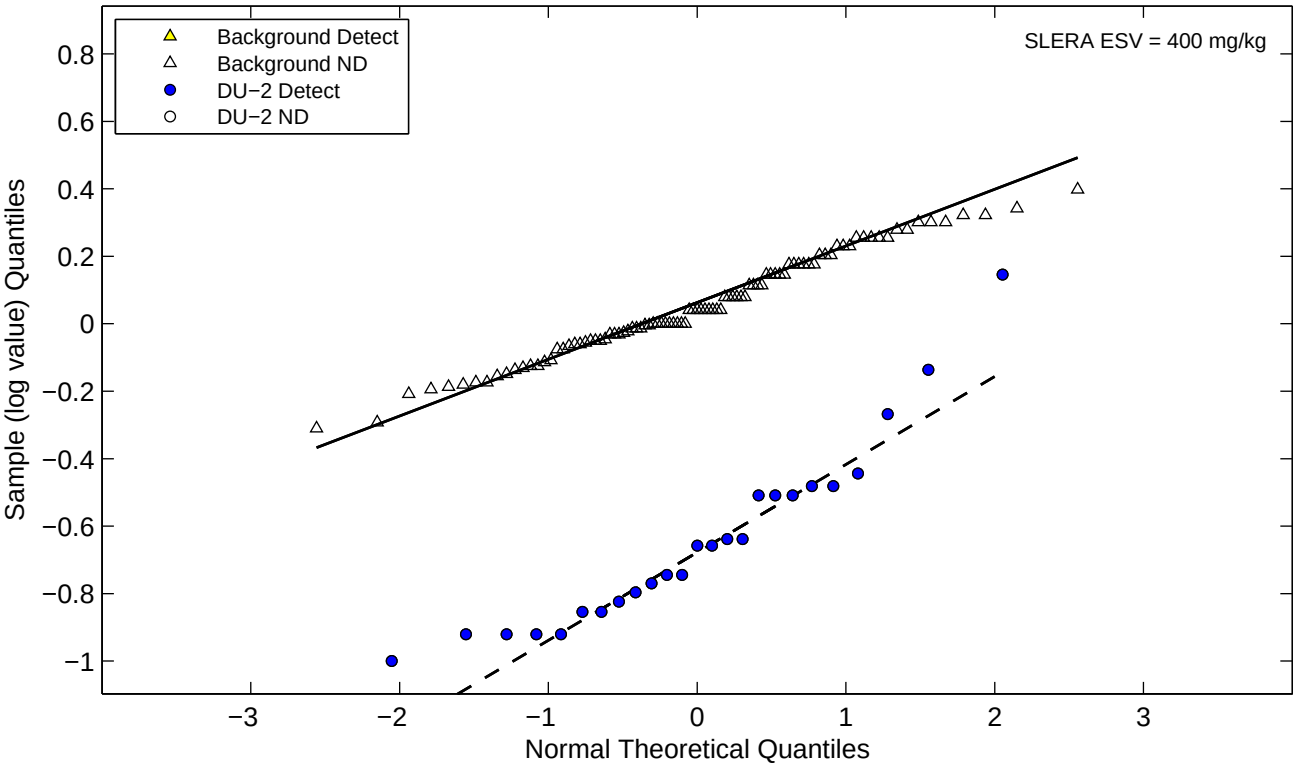
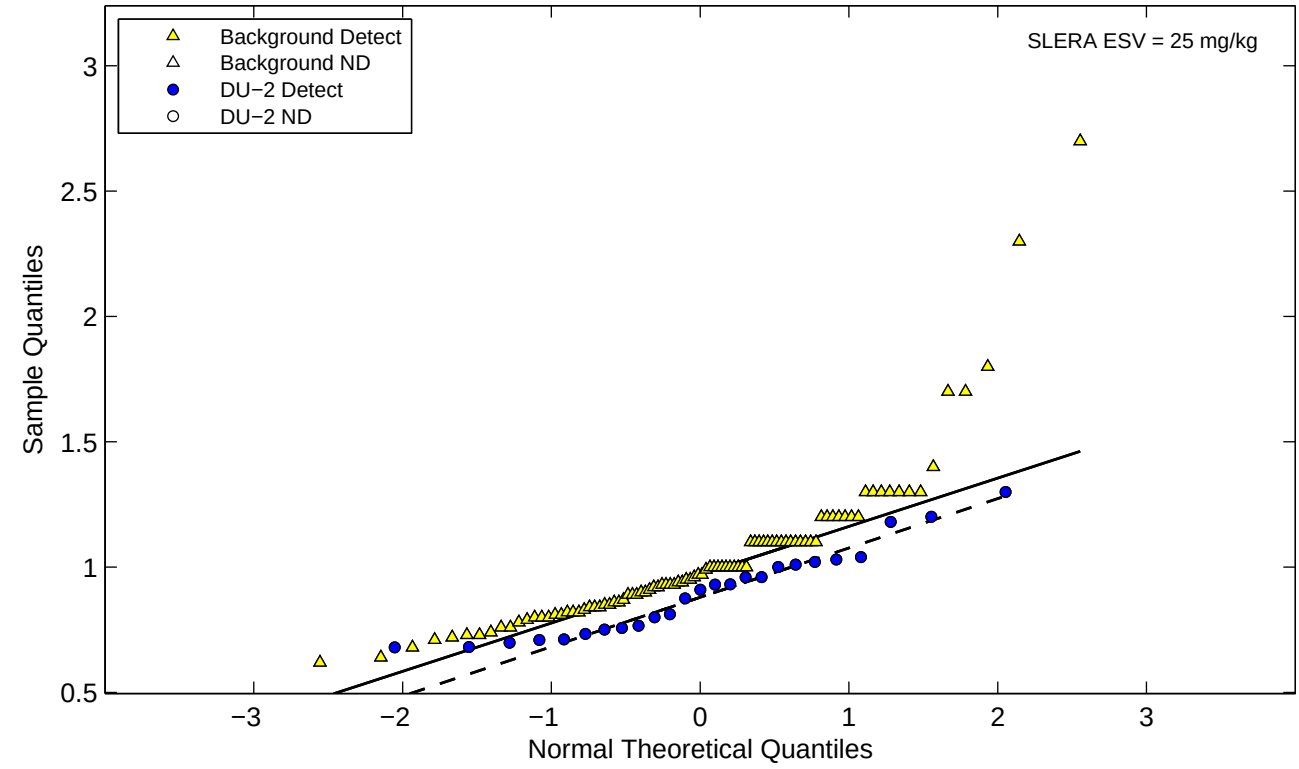


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2) Uranium (total)



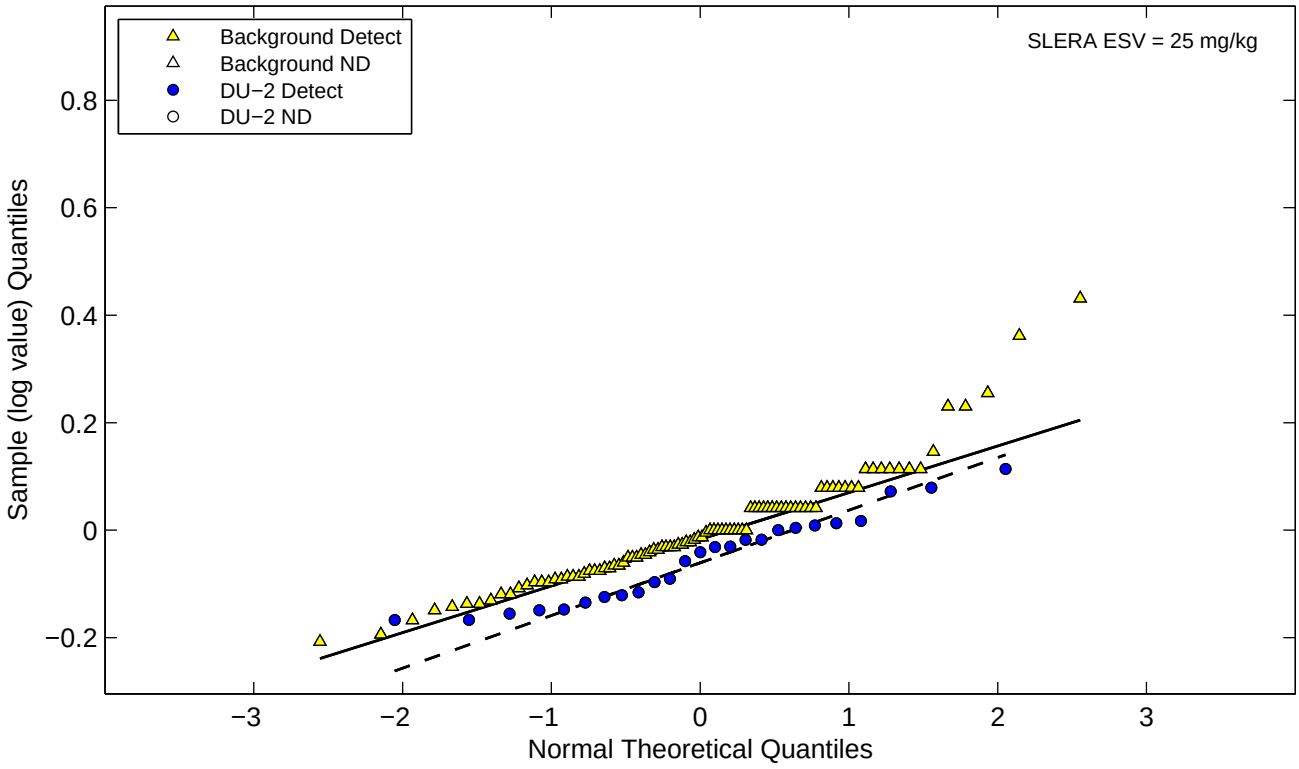
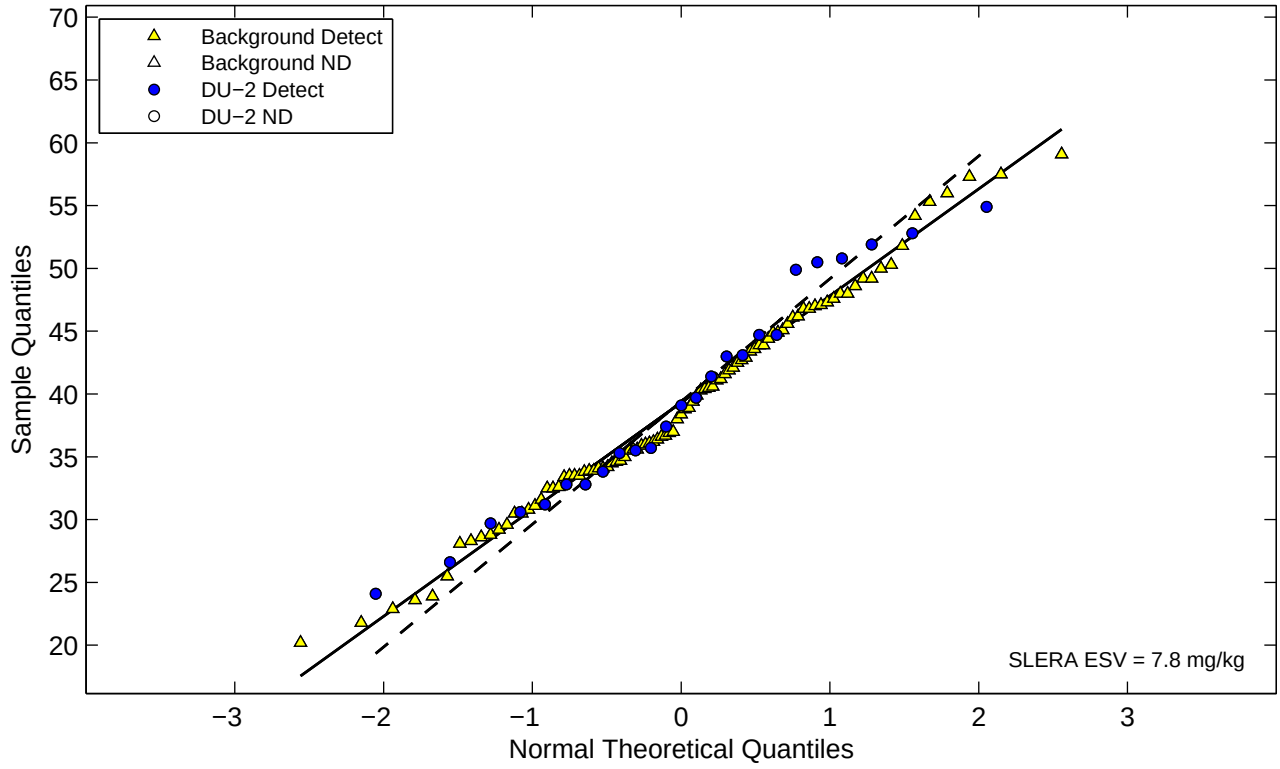


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Vanadium



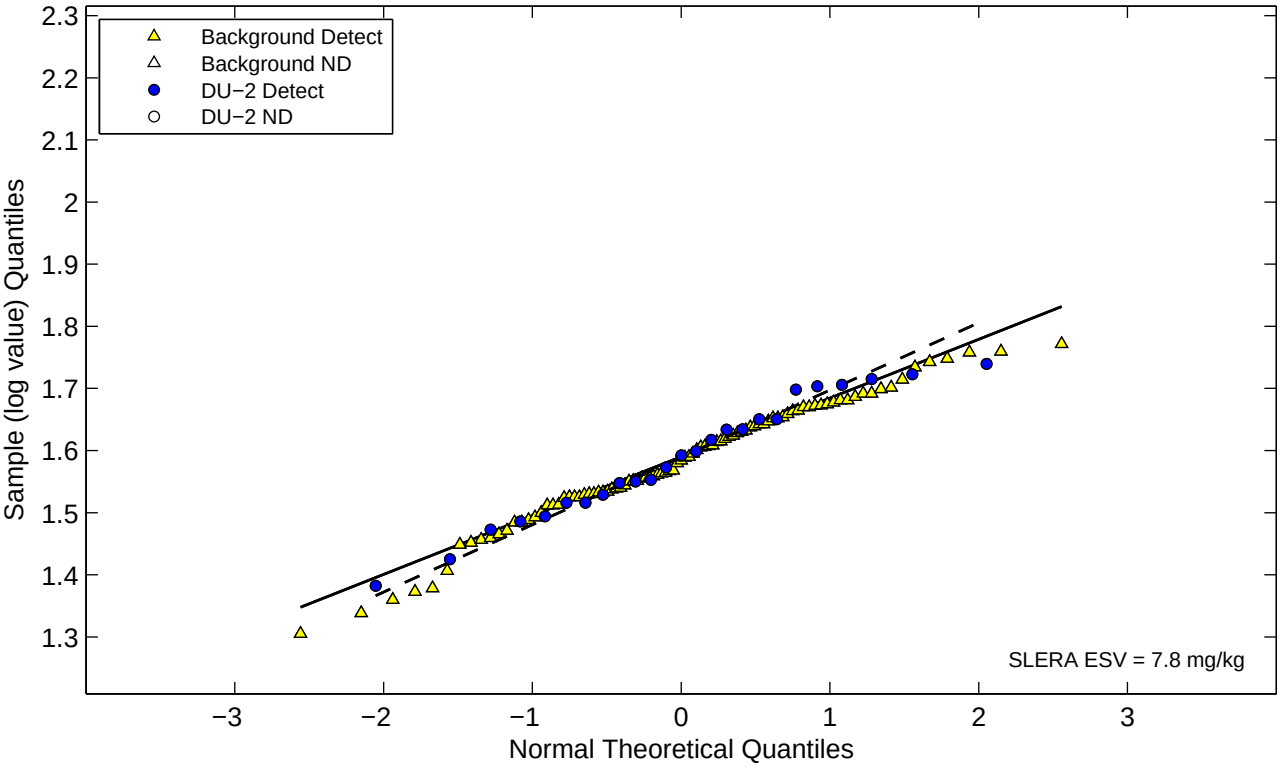
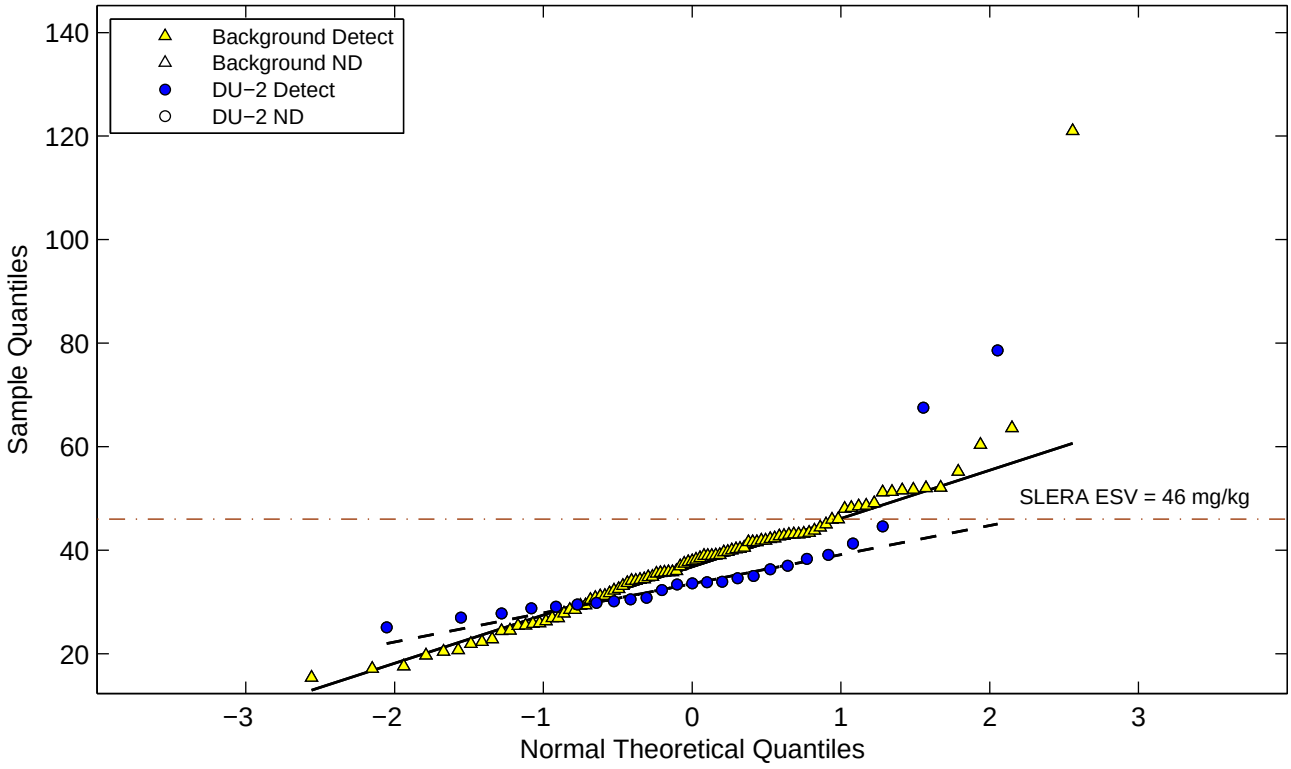


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2)
Zinc



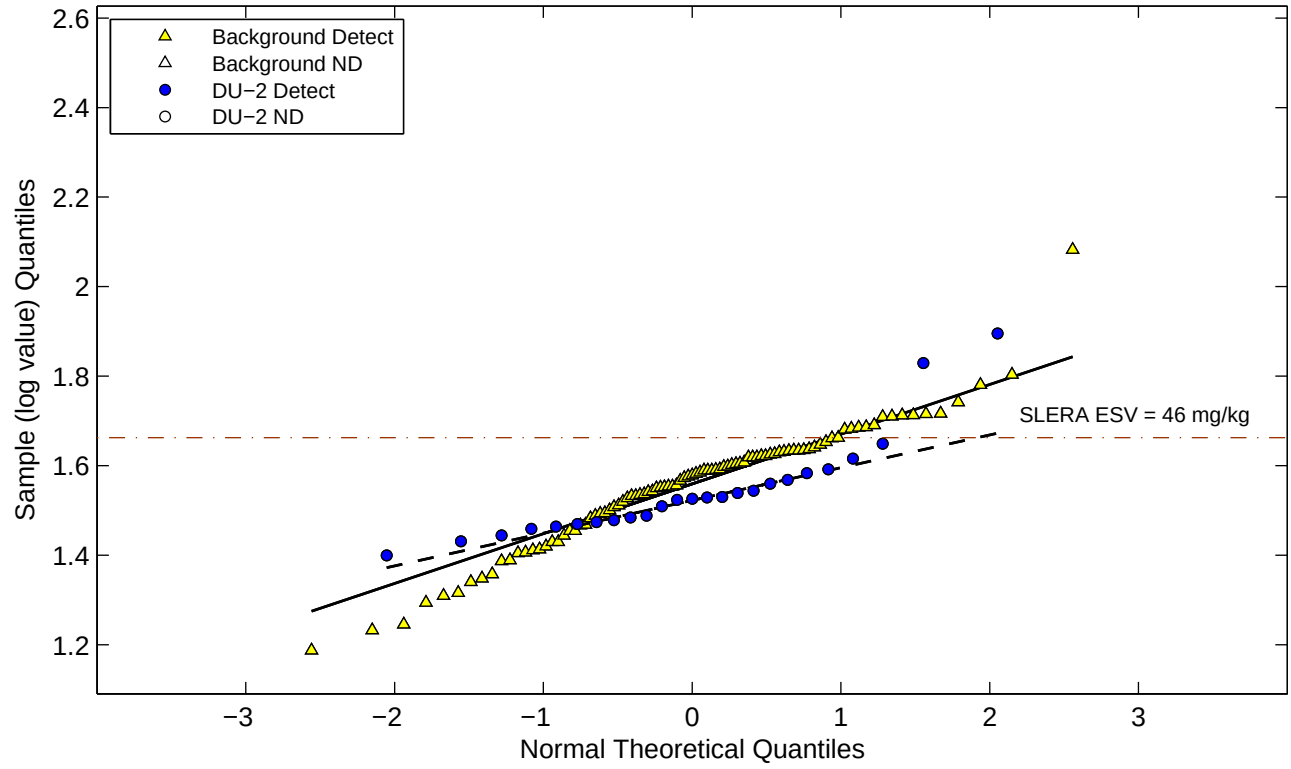
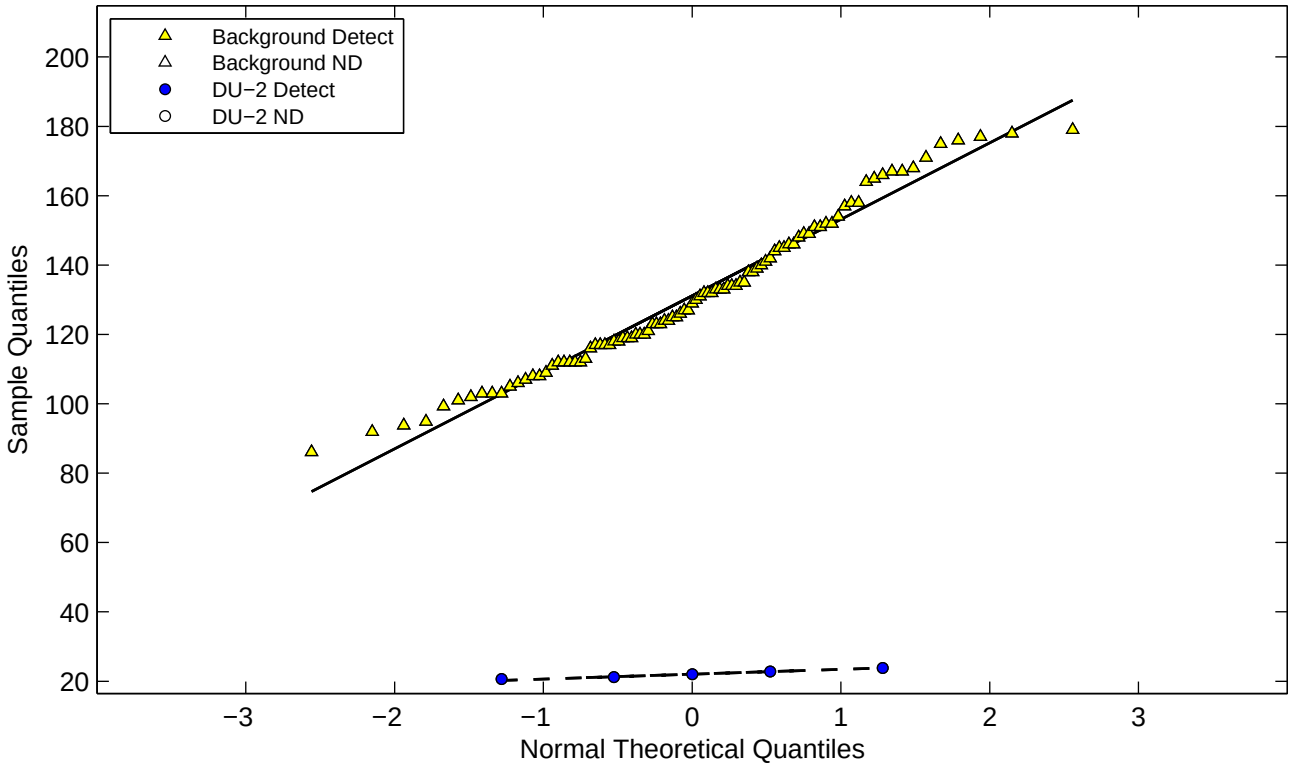


Figure E−2g. Normal and Lognormal Q−Q Plots for Metals (Eco DU−2) Zirconium



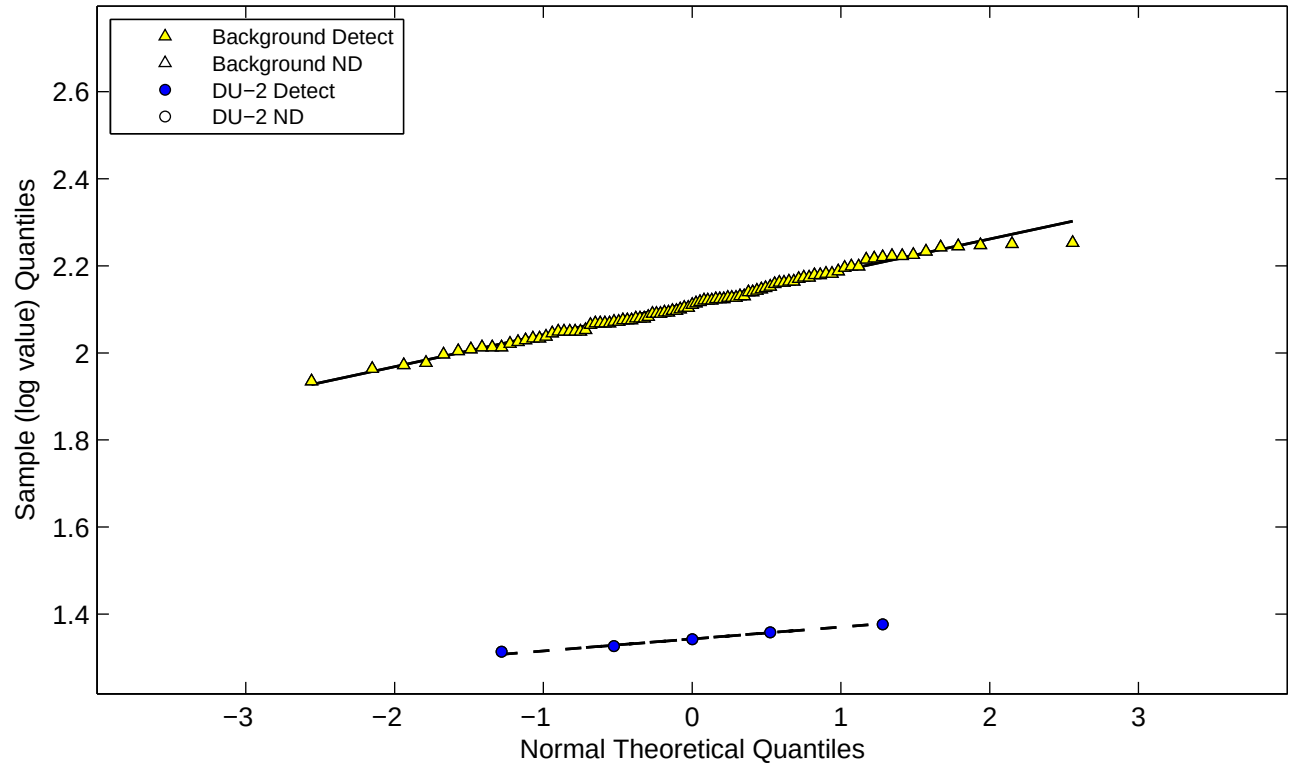
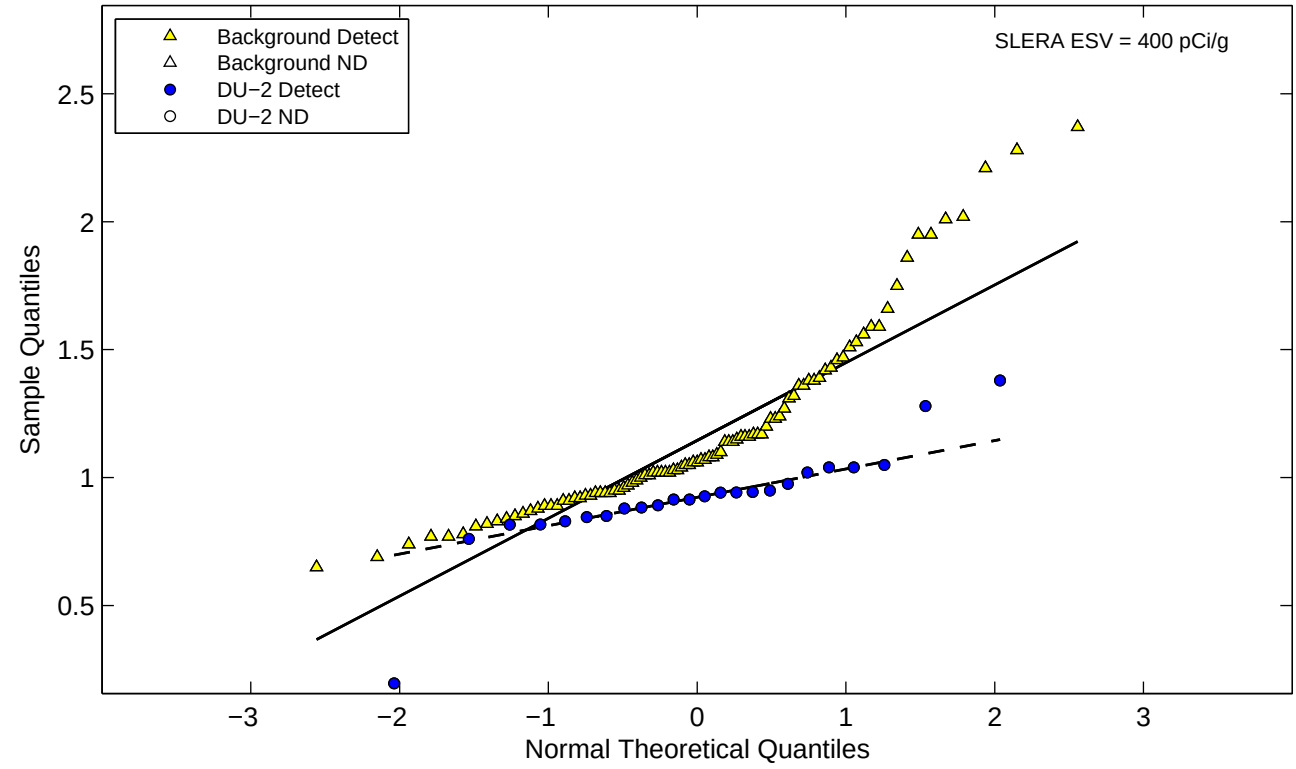


Figure E−2h. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−2)
Uranium−238



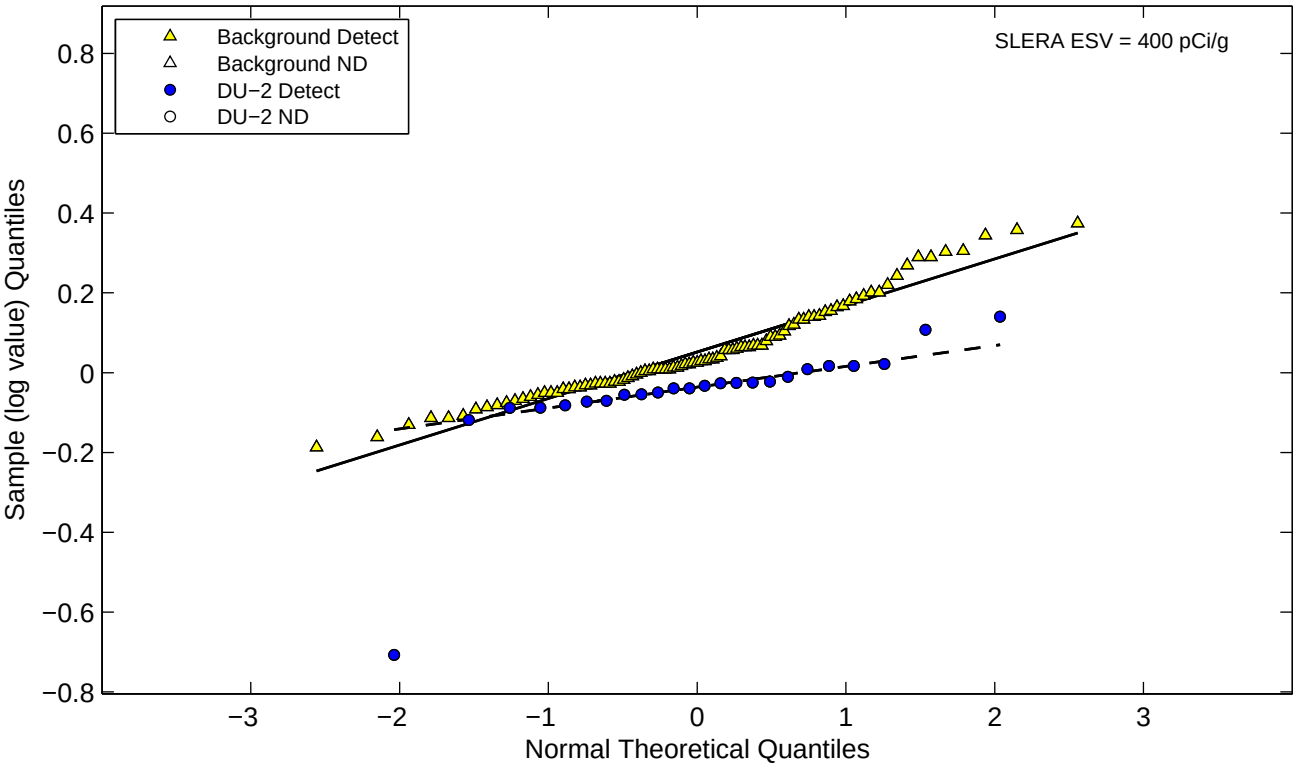
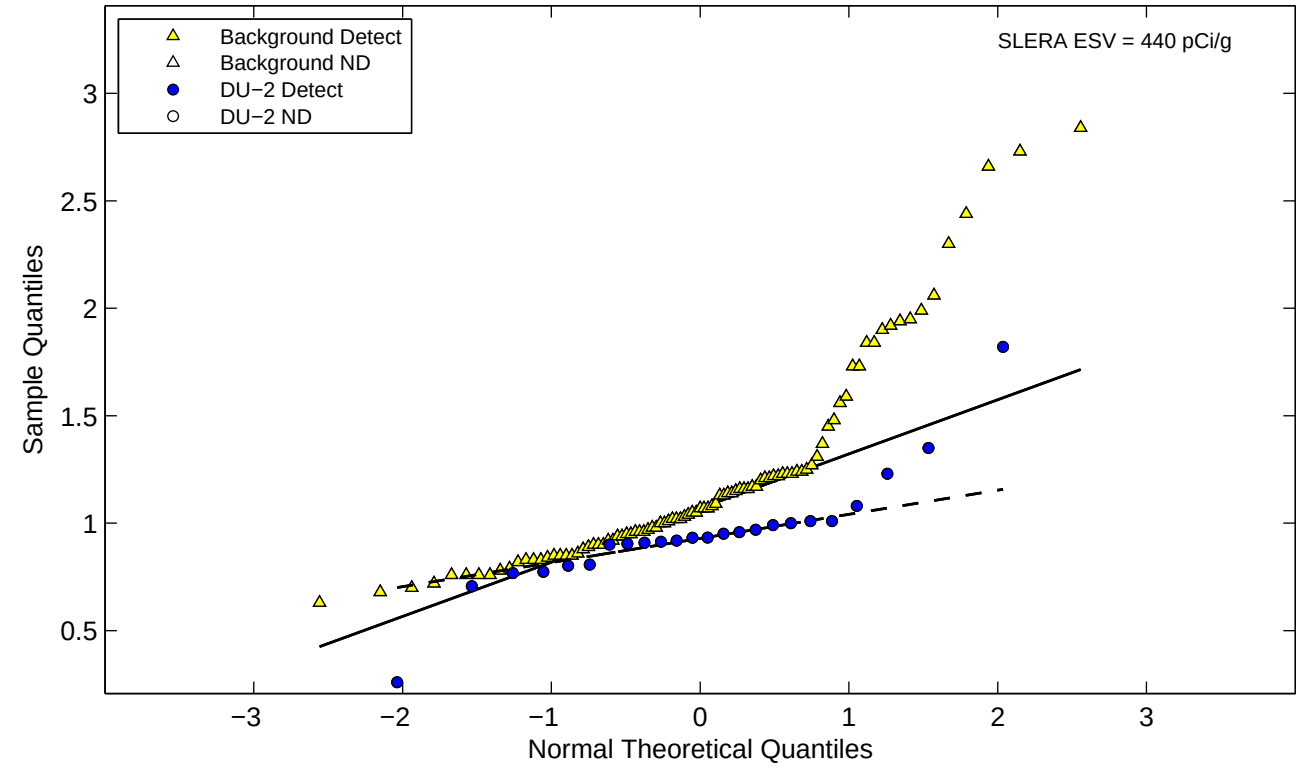


Figure E−2h. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−2)
Uranium−234



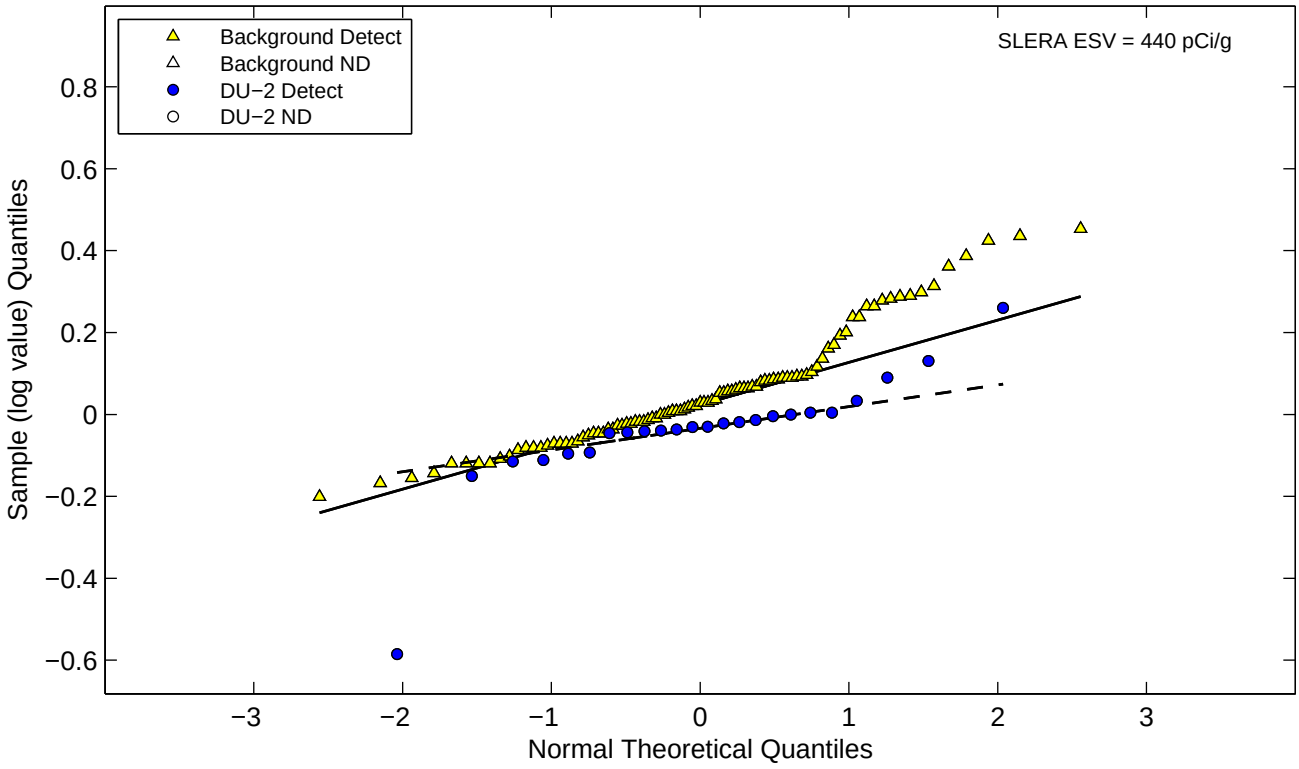
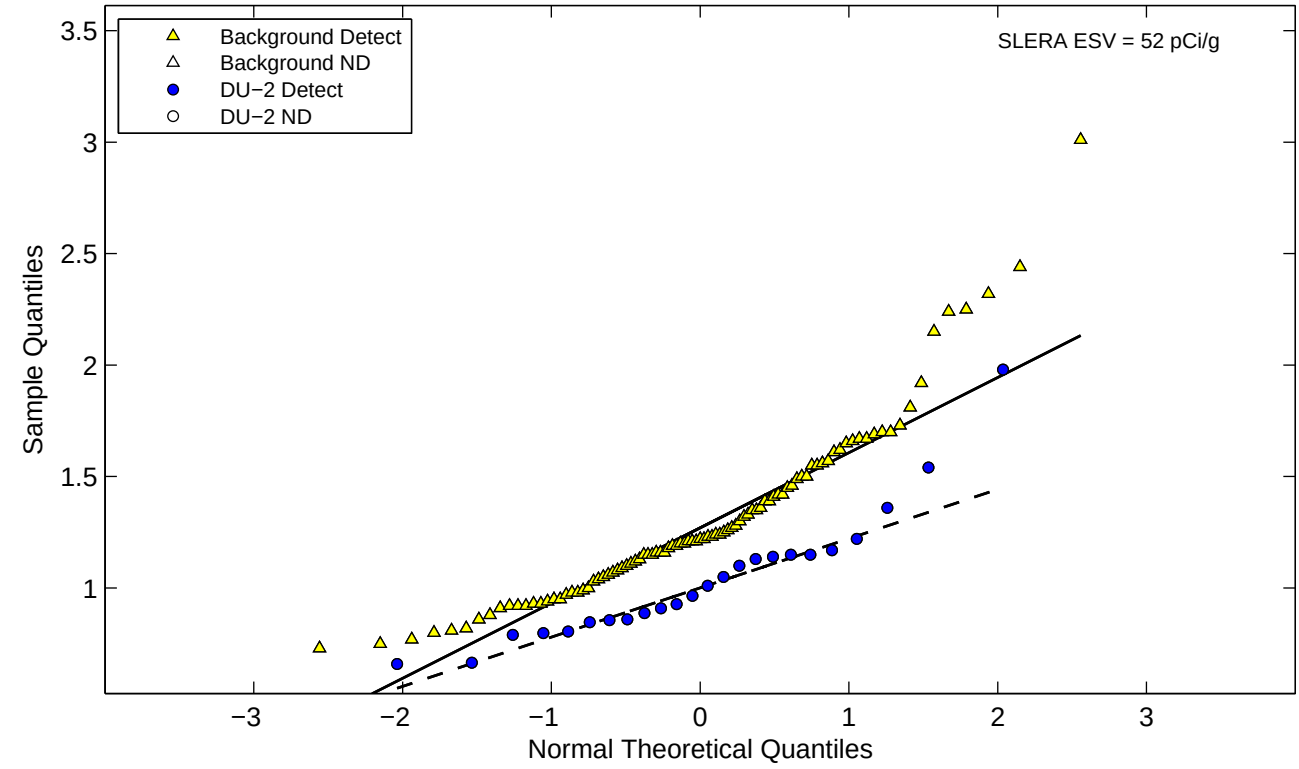


Figure E−2h. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−2)
Thorium−230



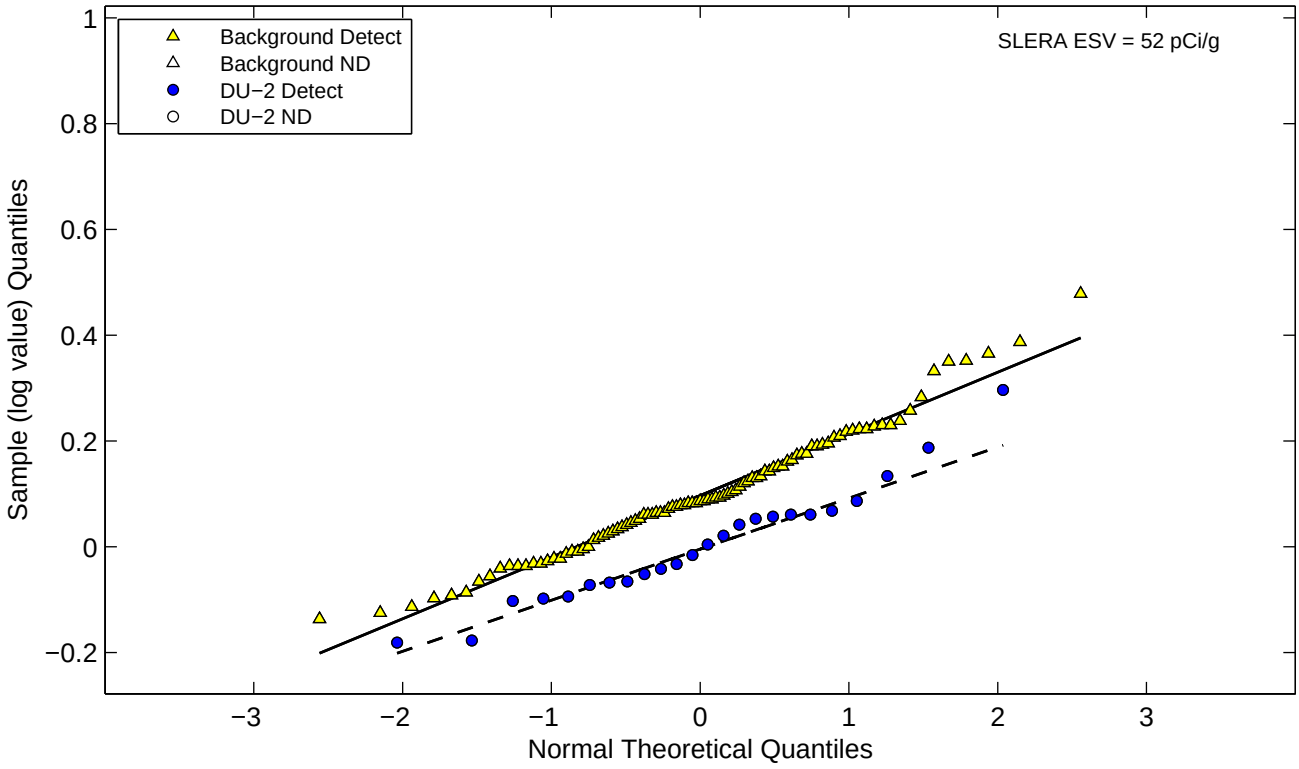
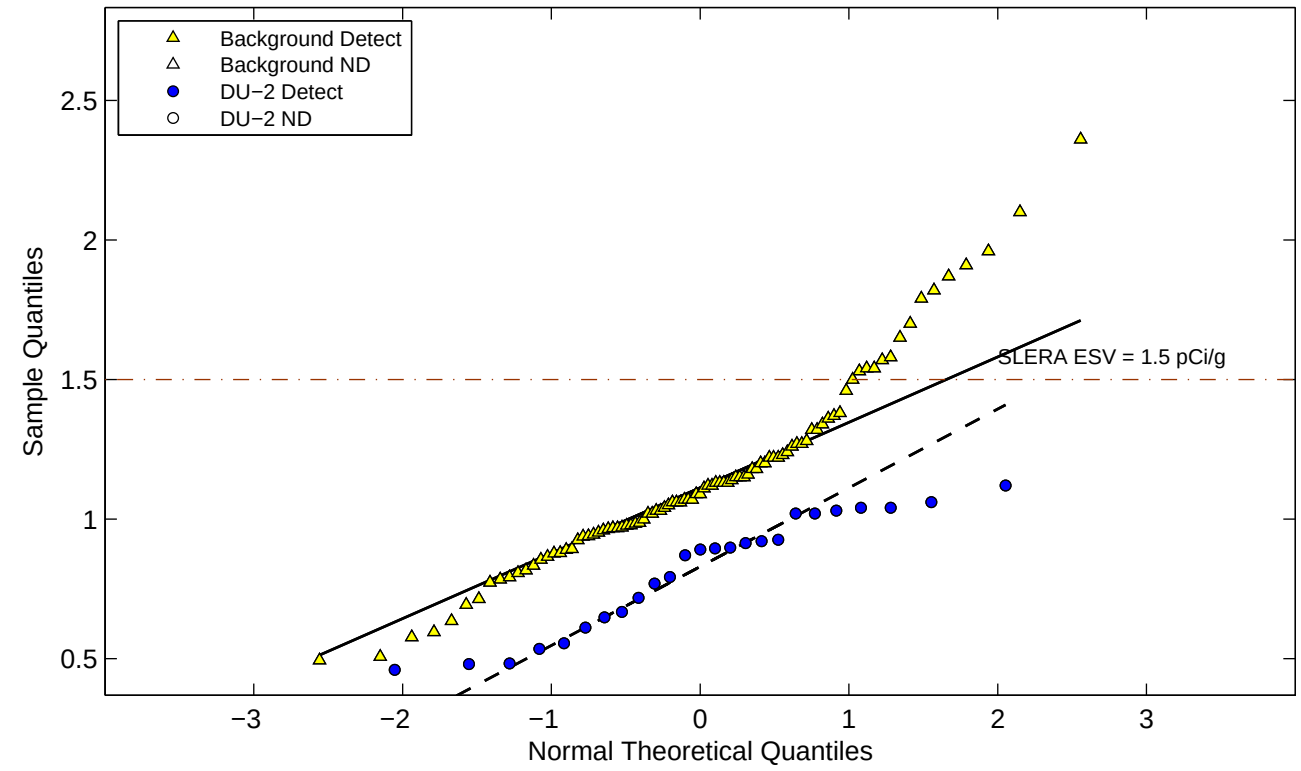


Figure E−2h. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−2)
Radium−226



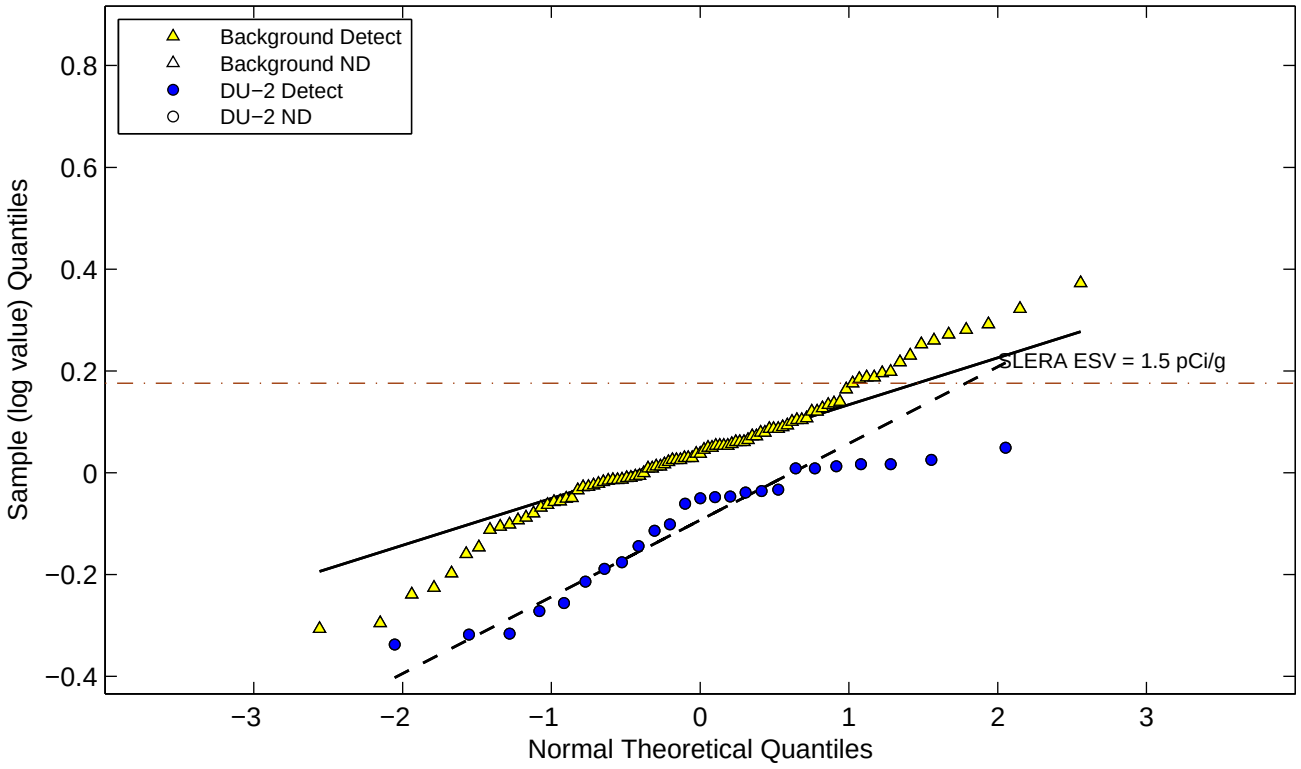
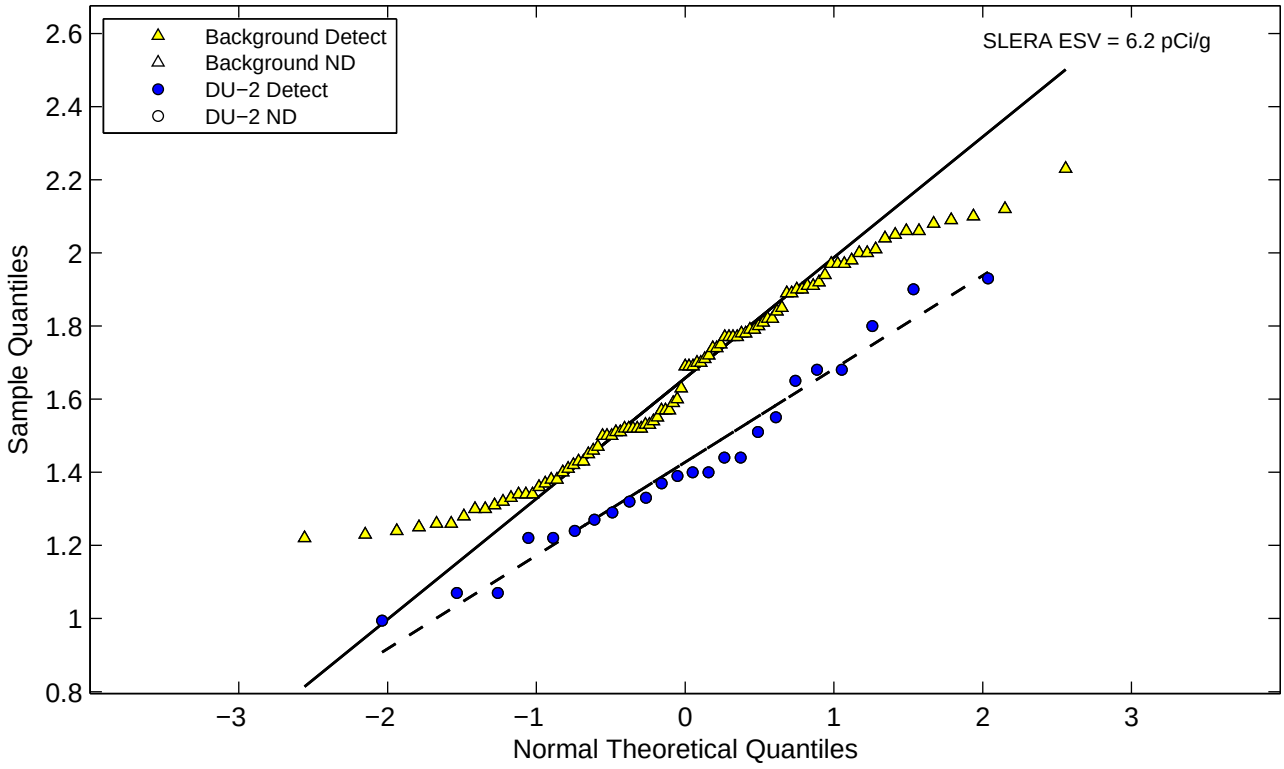


Figure E−2h. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−2)
Thorium−232



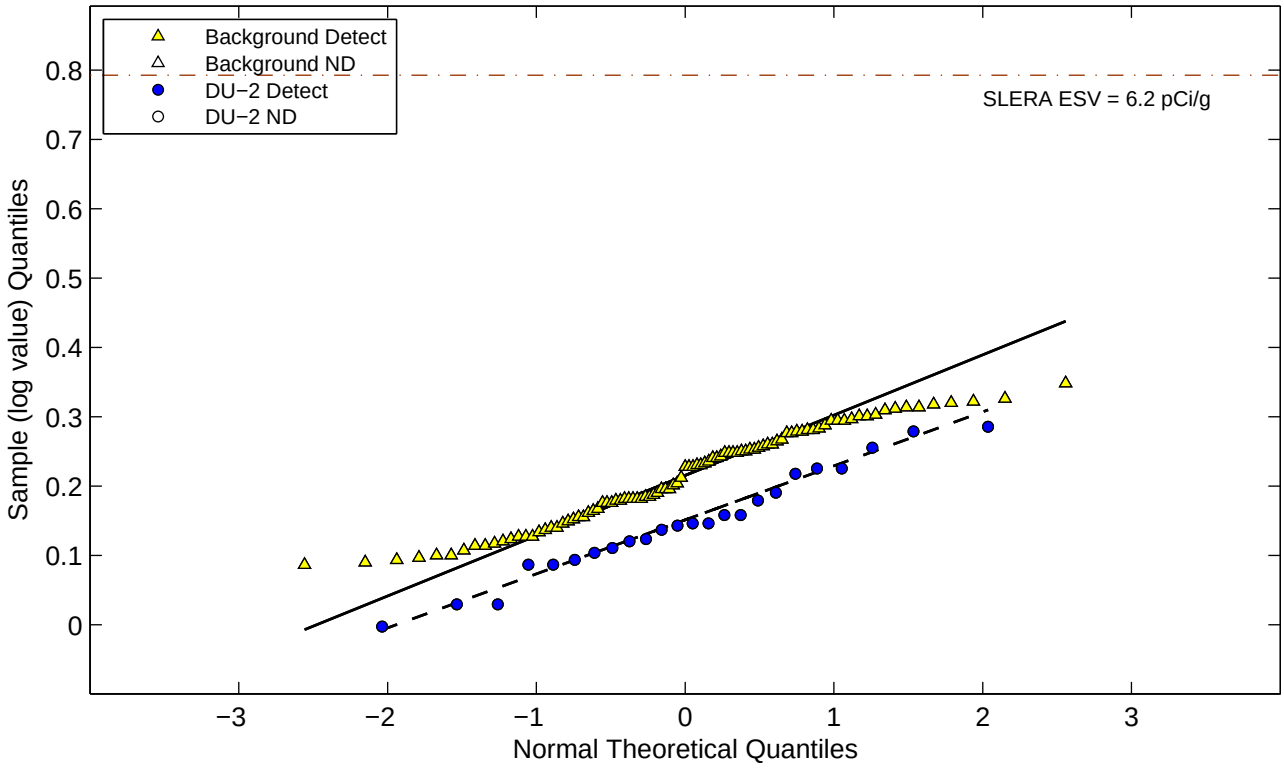
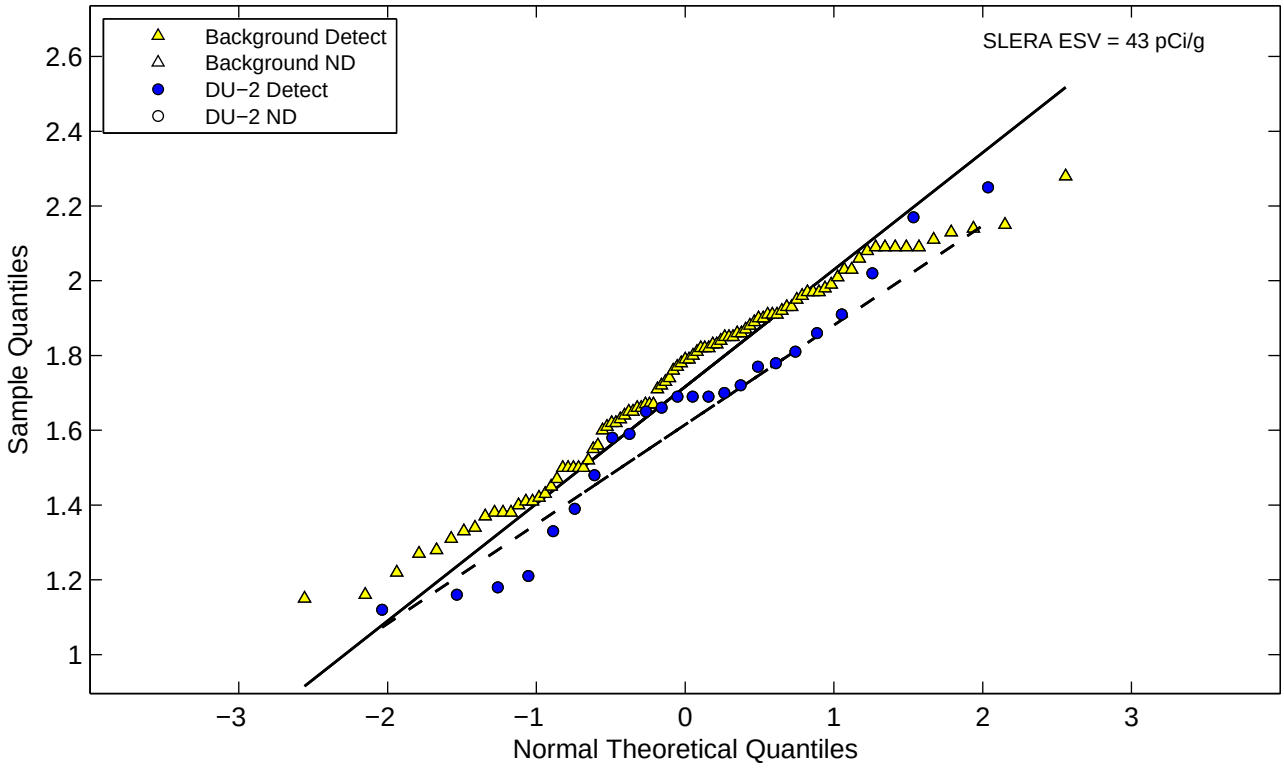


Figure E−2h. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−2)
Thorium−228



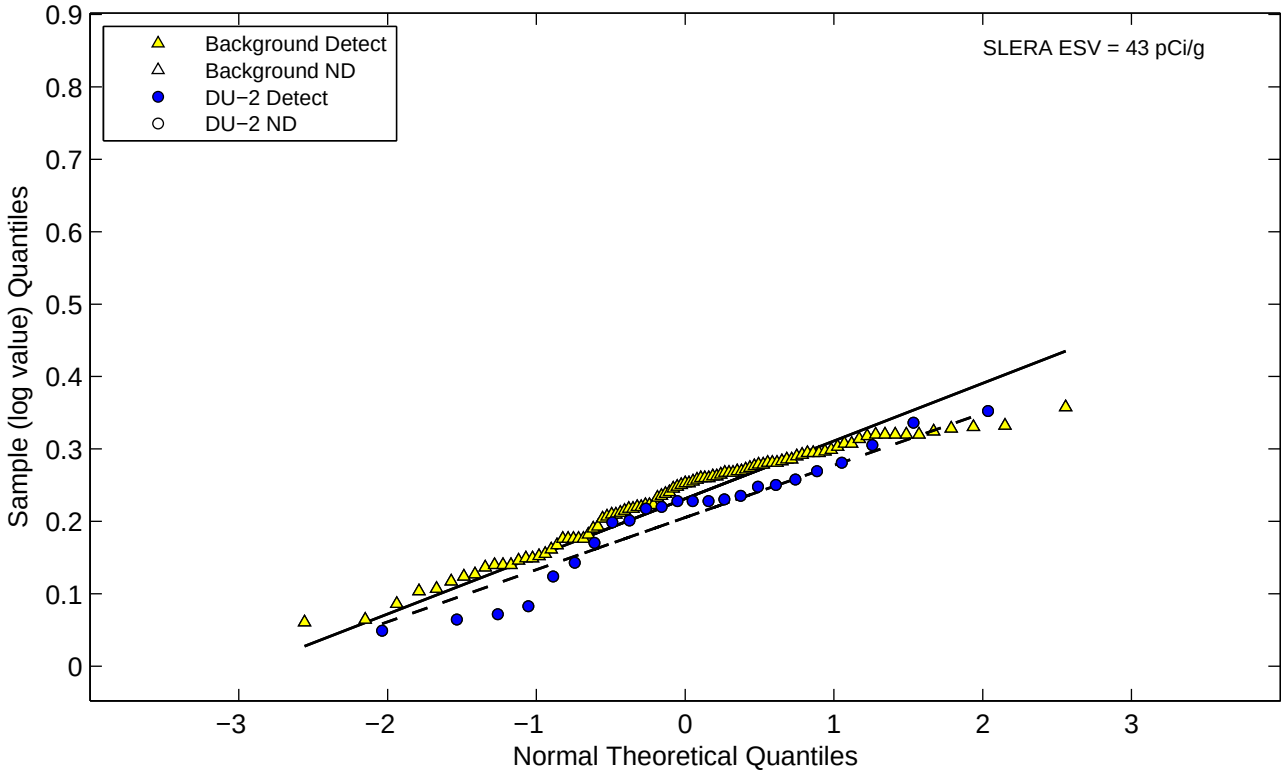
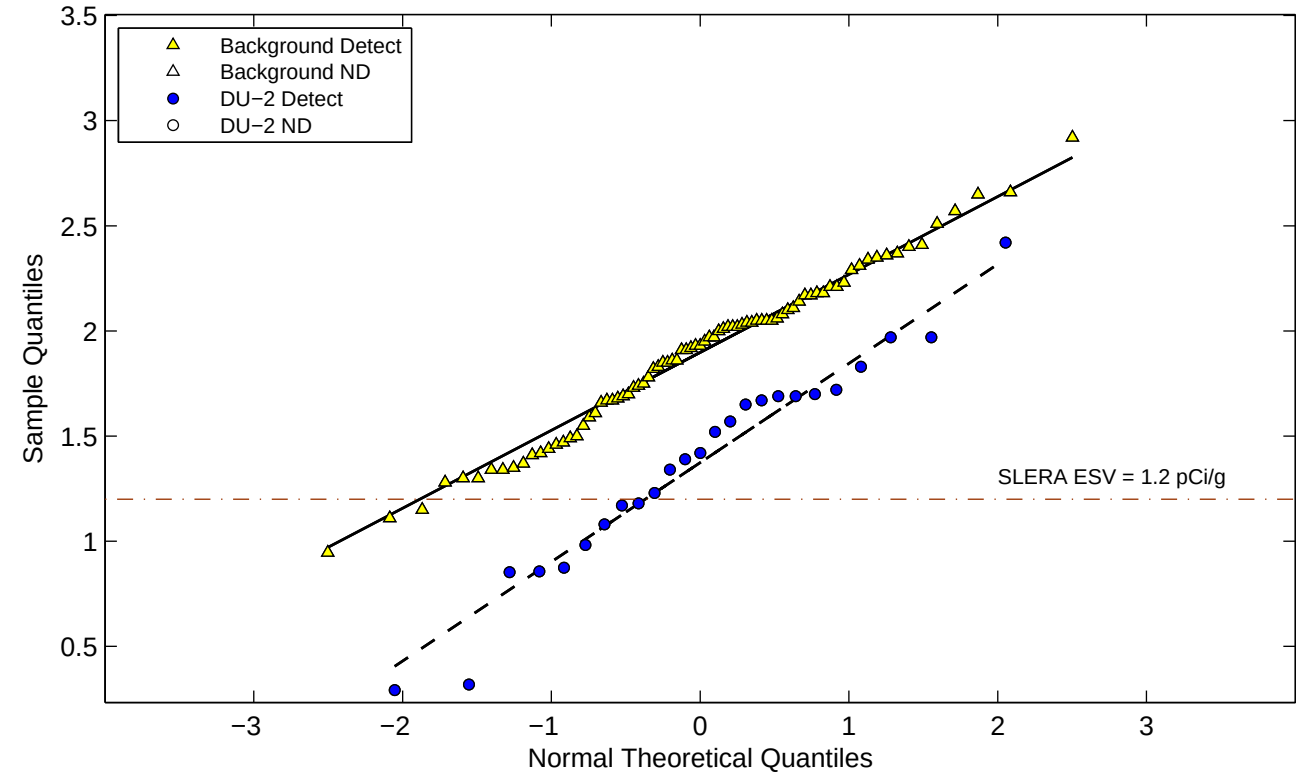


Figure E−2h. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−2)
Radium−228



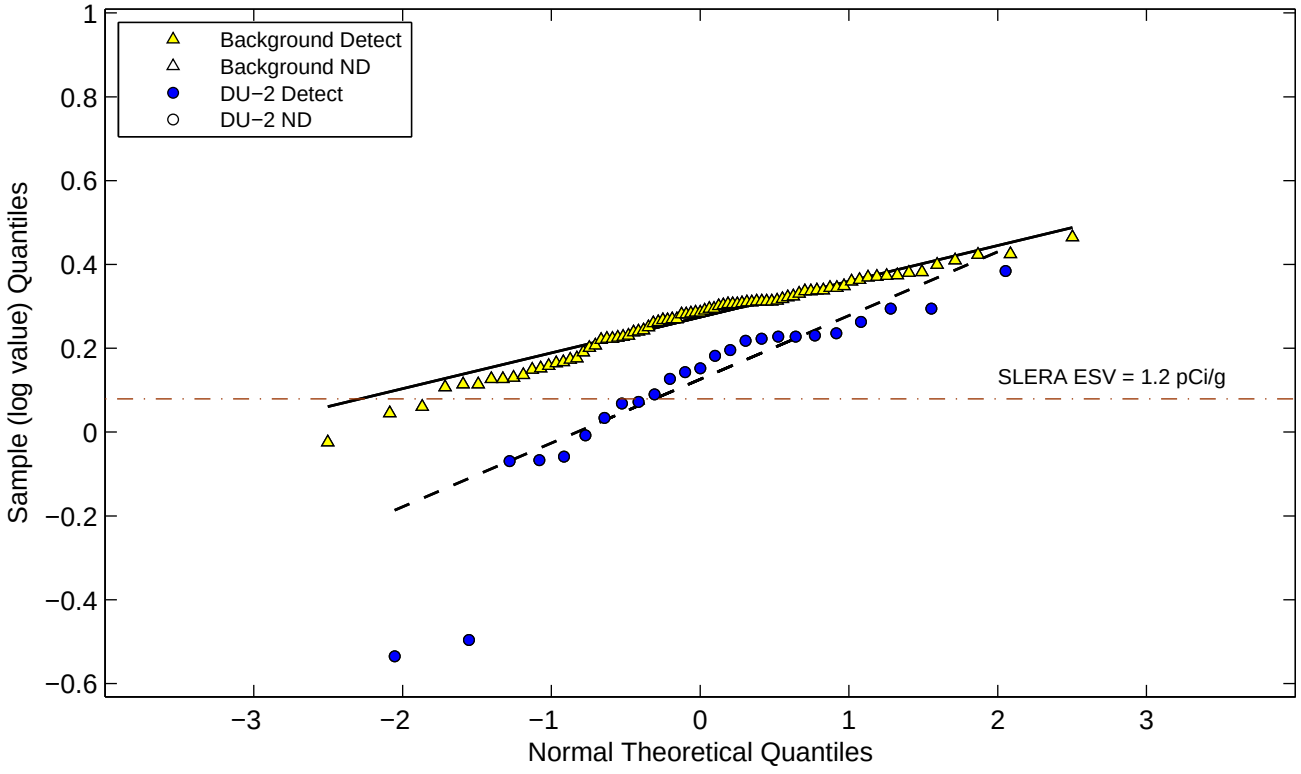
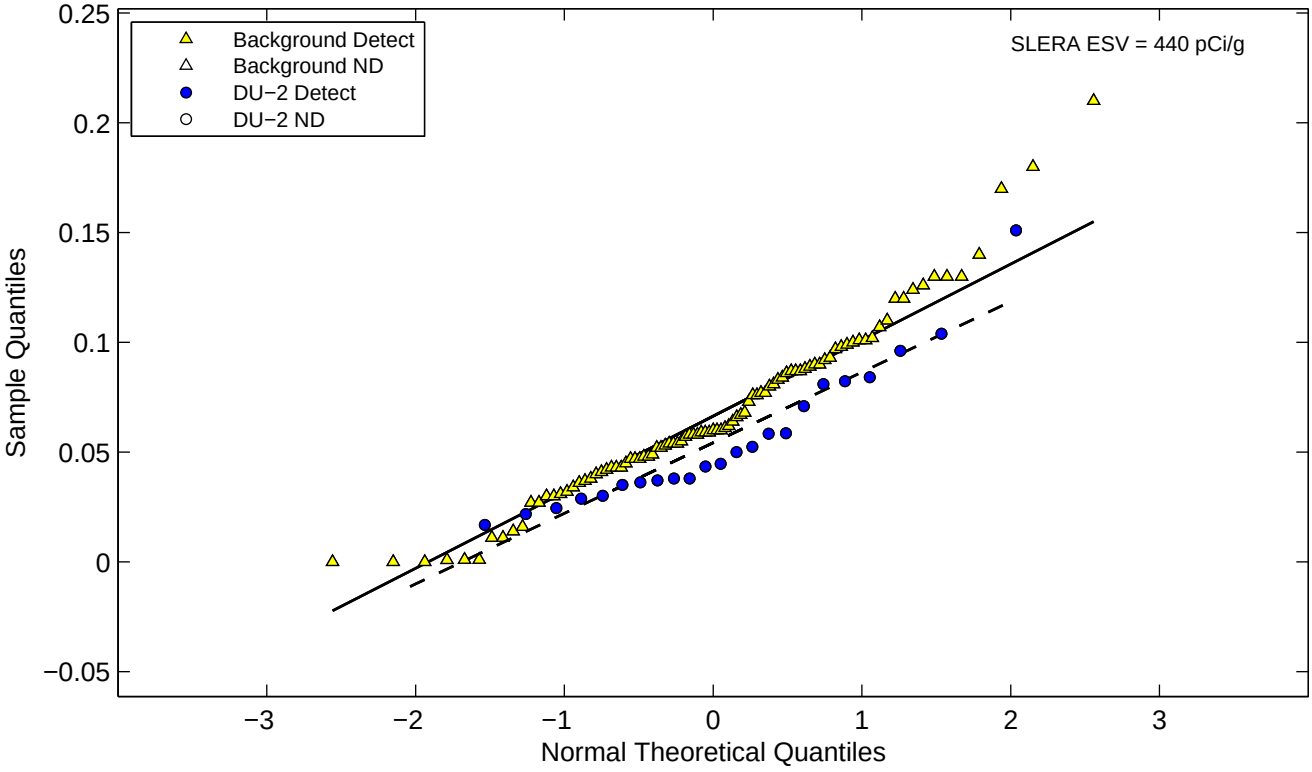


Figure E−2h. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−2)
Uranium−235



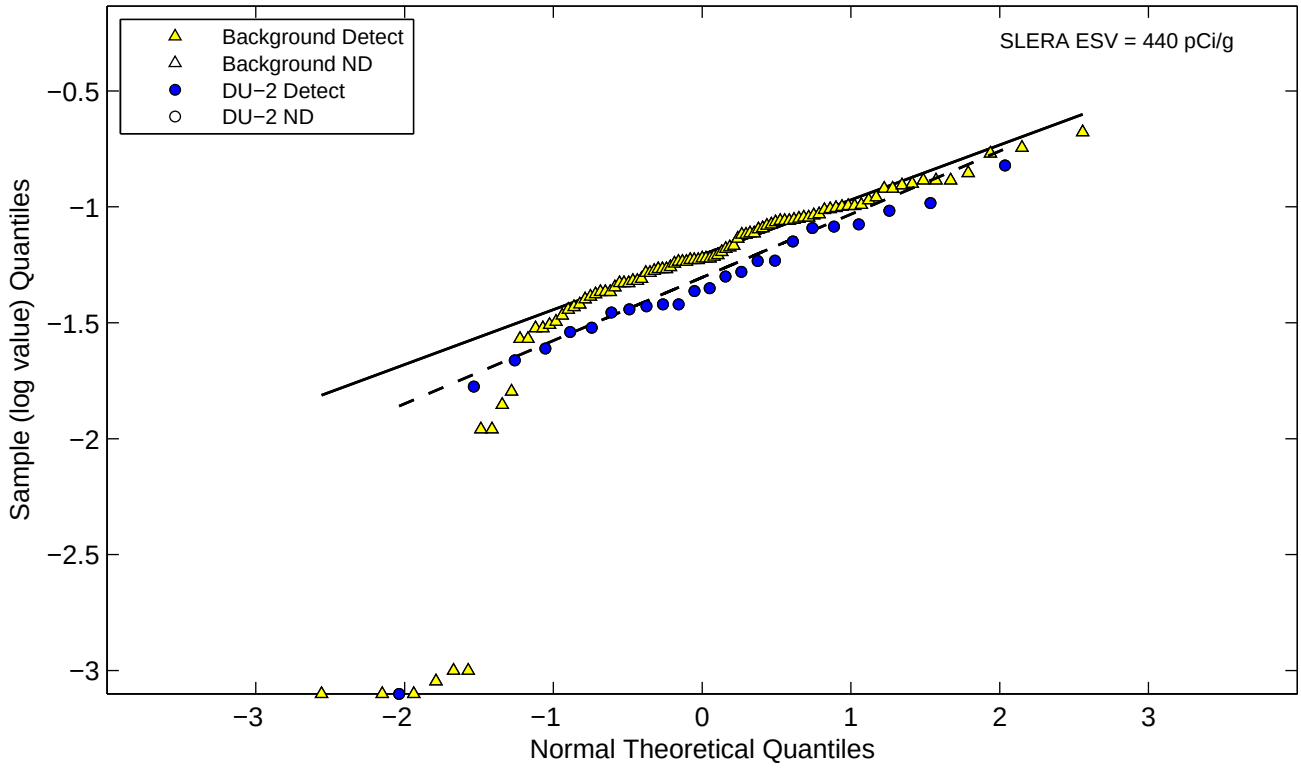
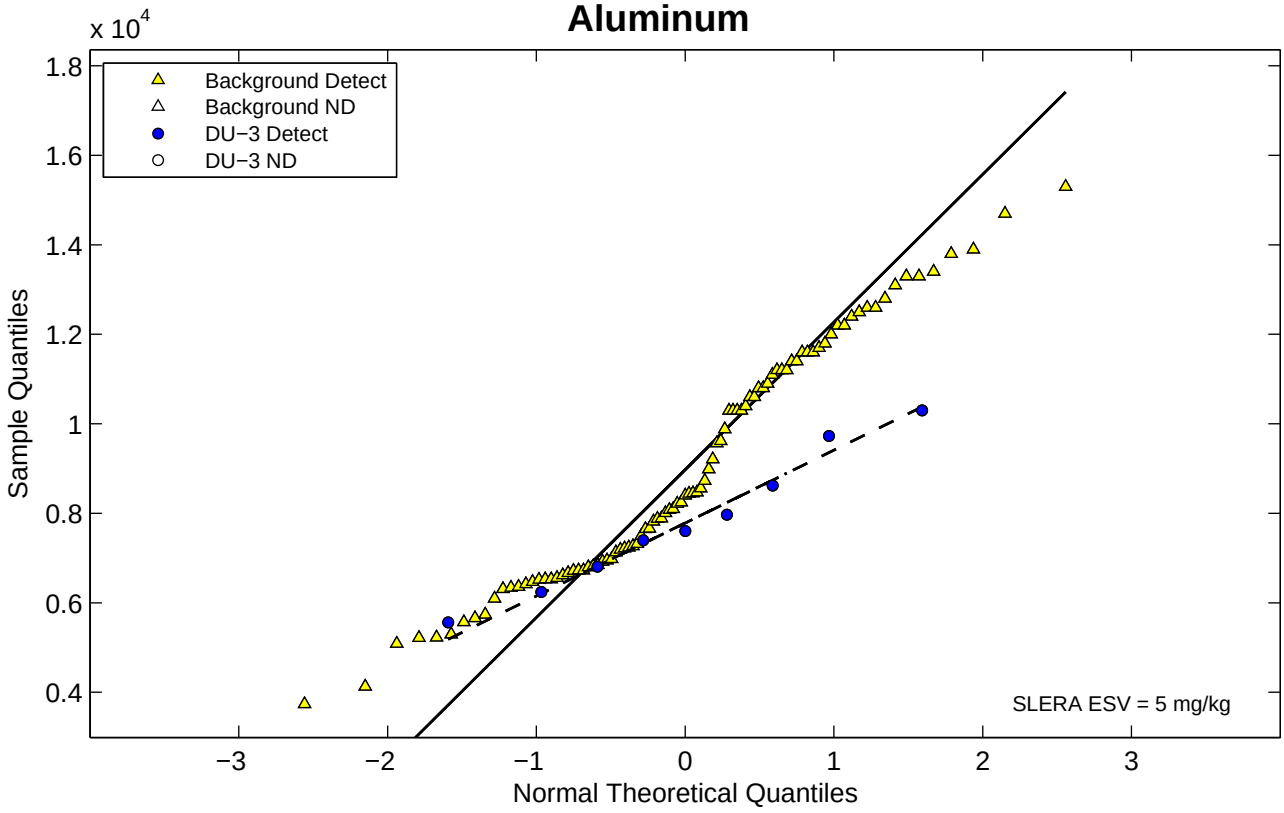


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)

Aluminum



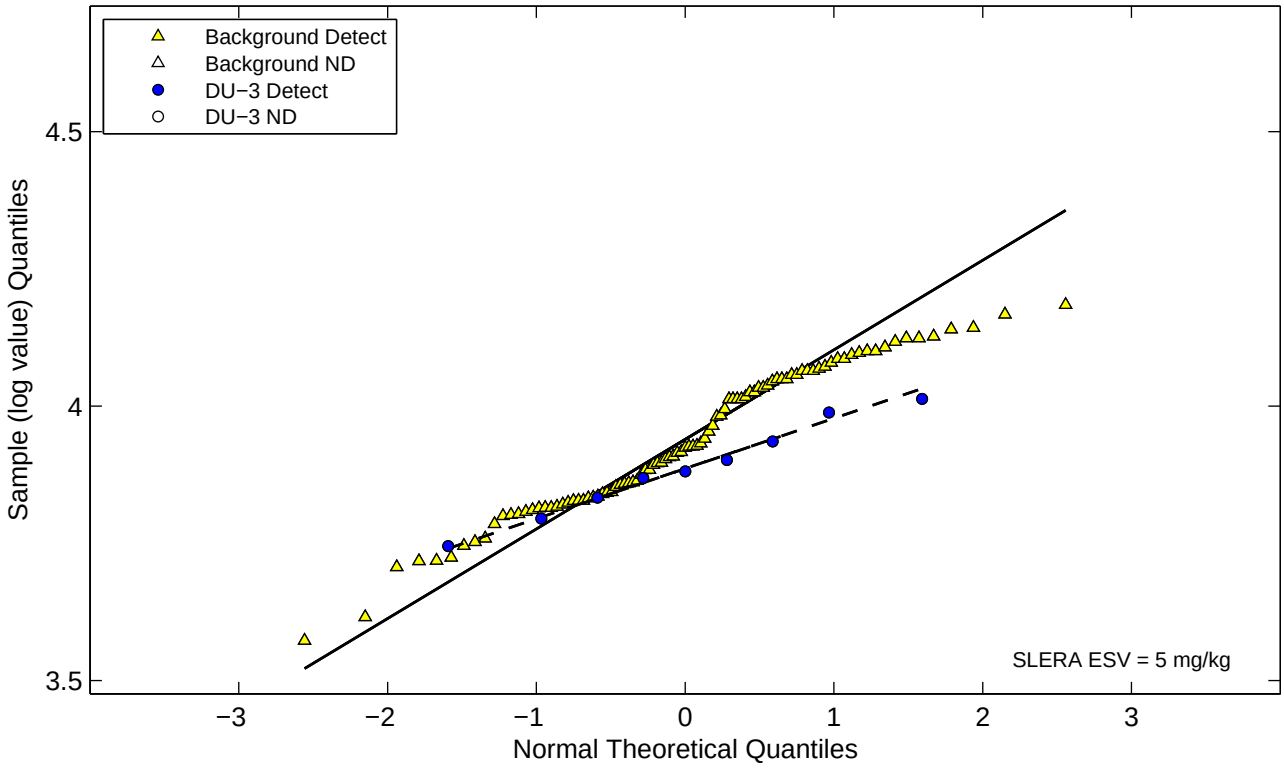
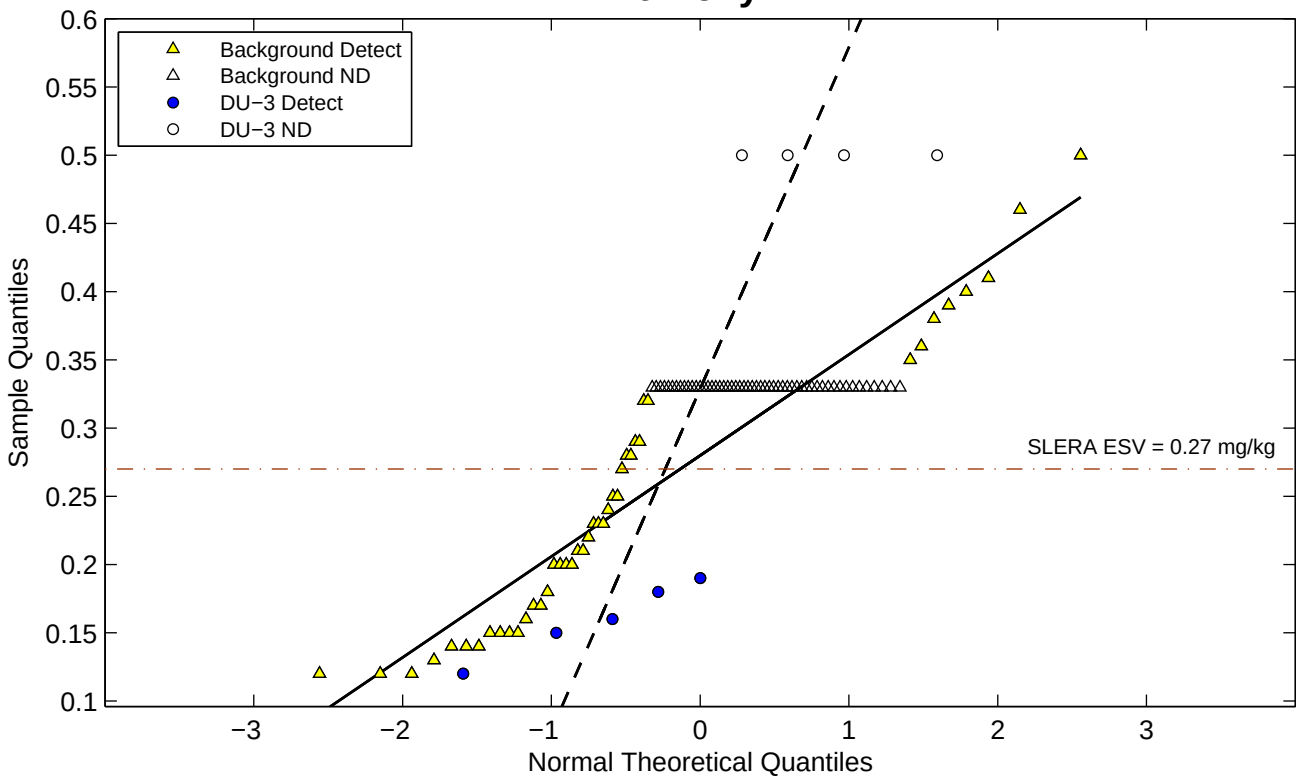


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Antimony



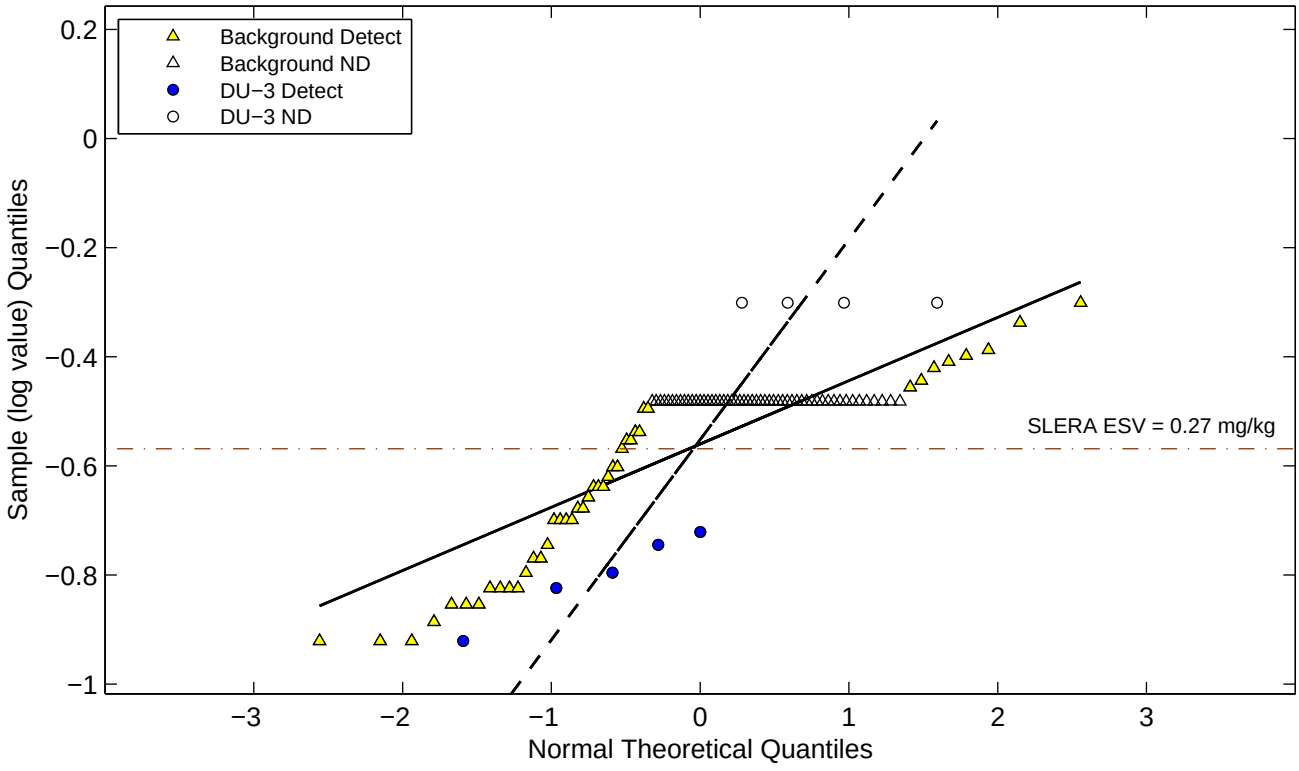
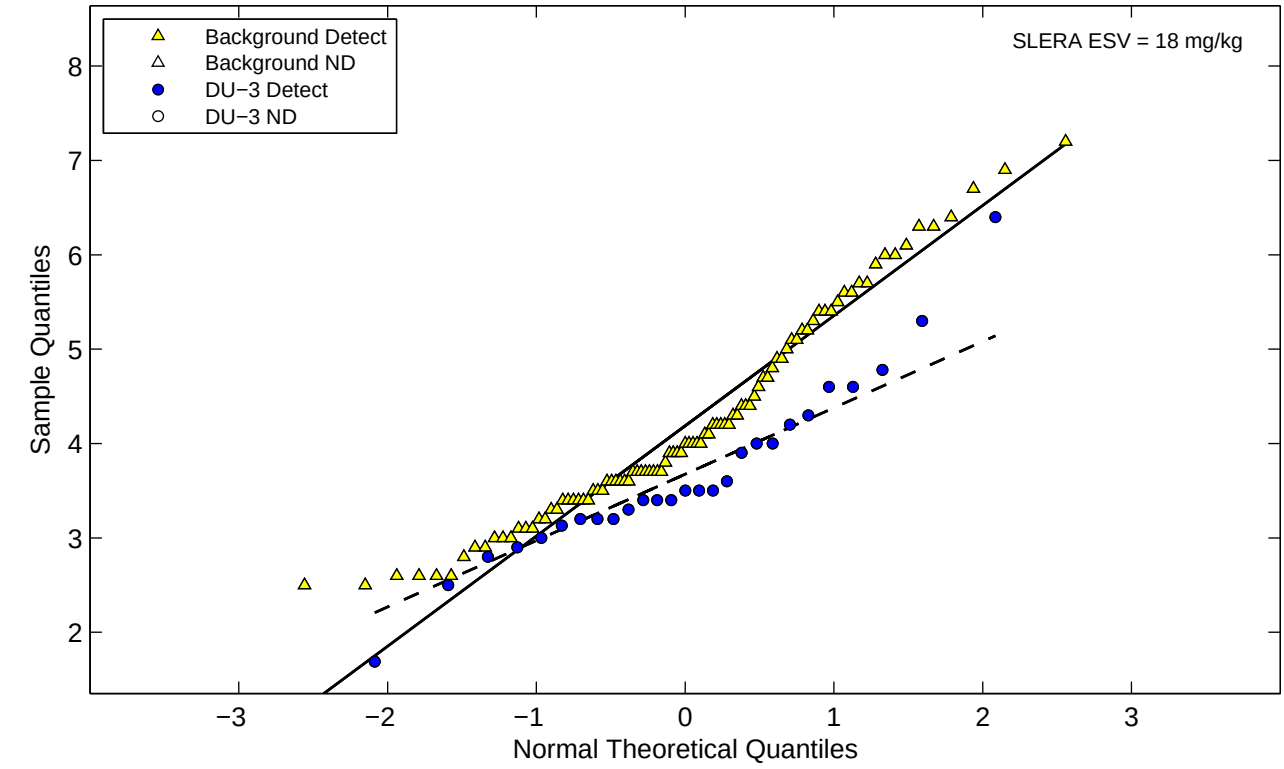


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Arsenic



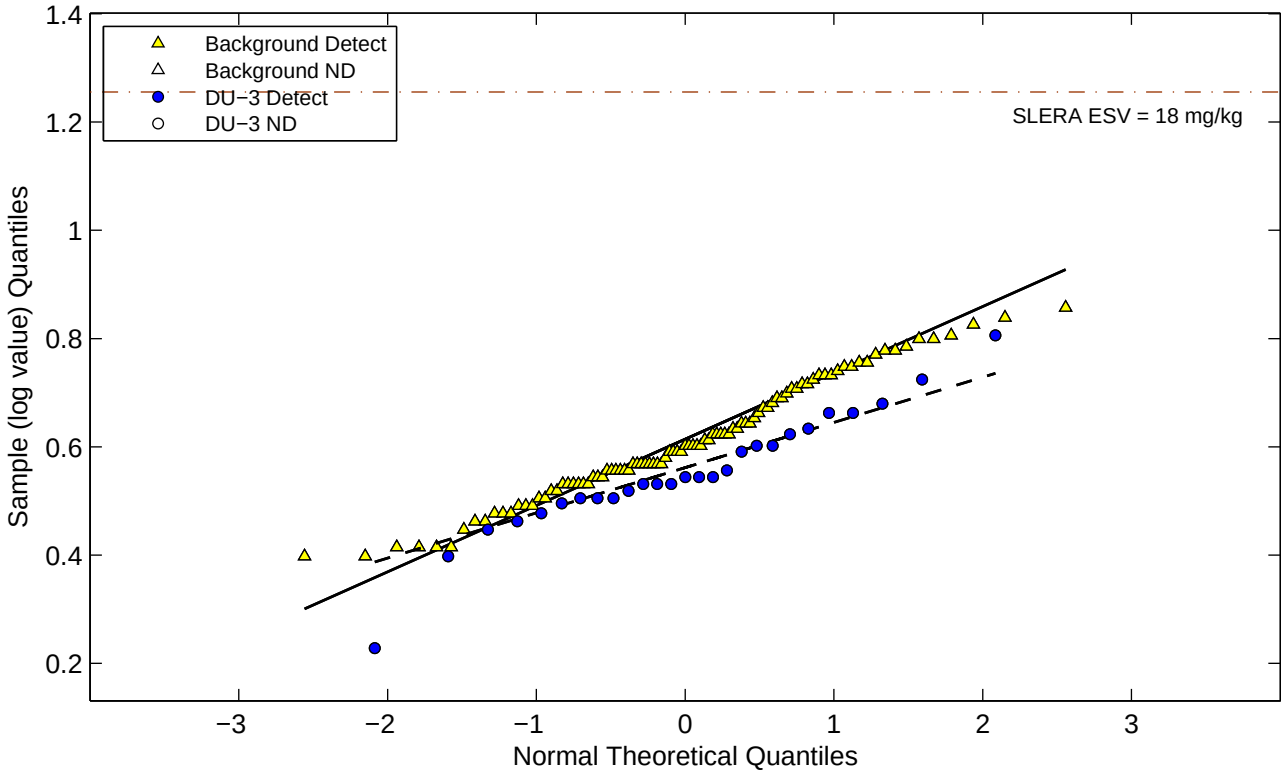
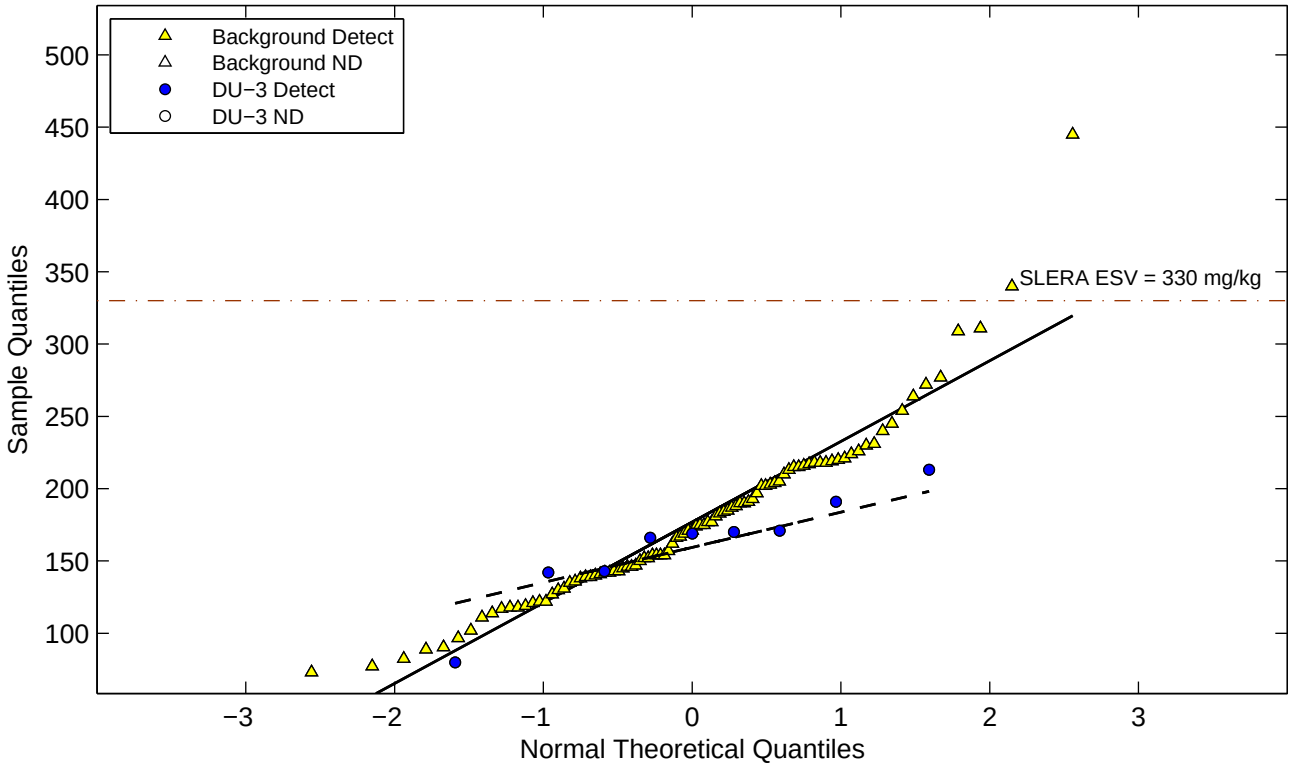


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Barium



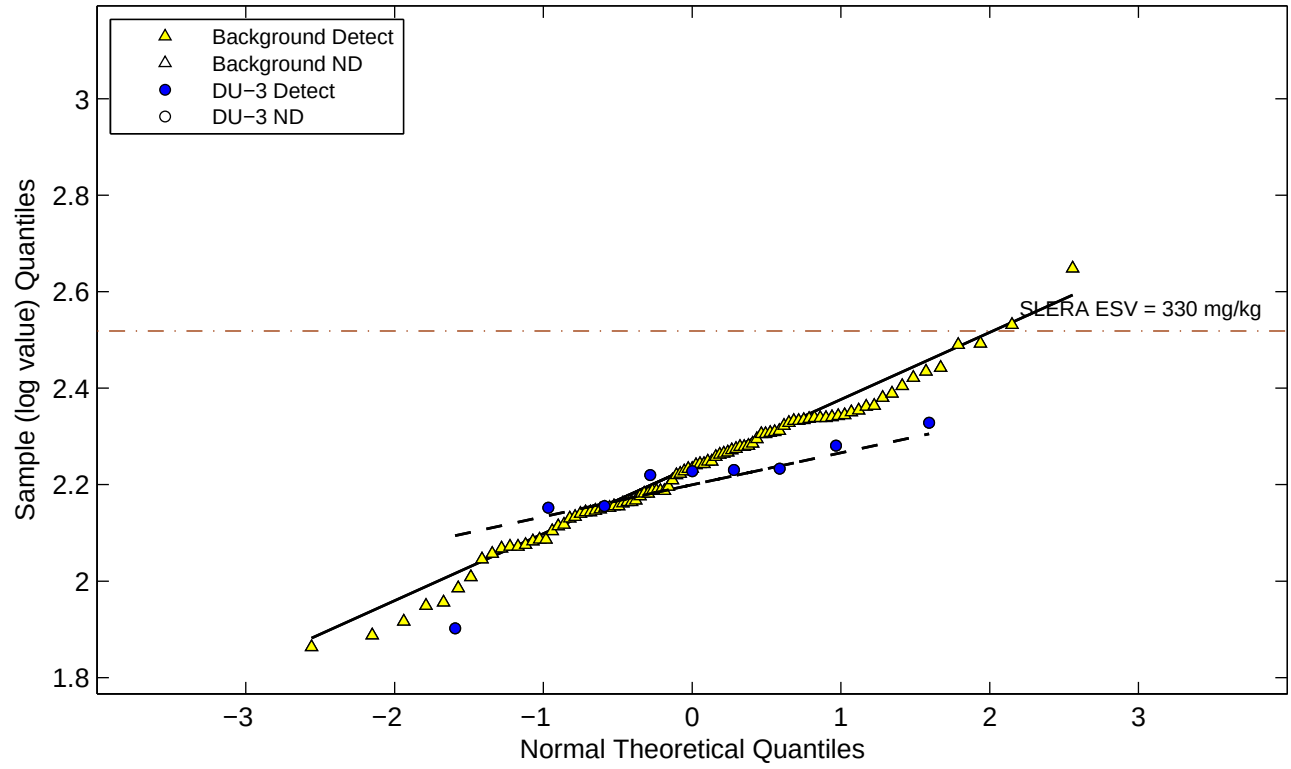
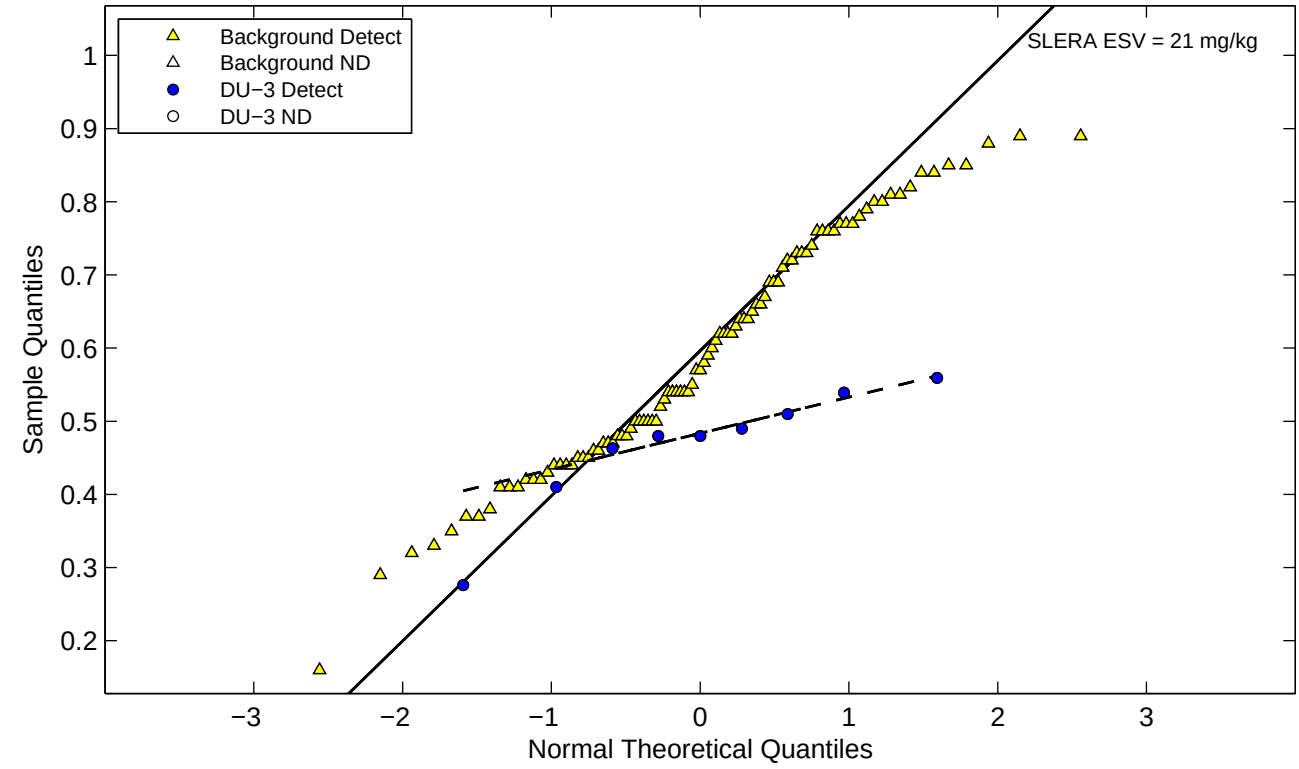


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Beryllium



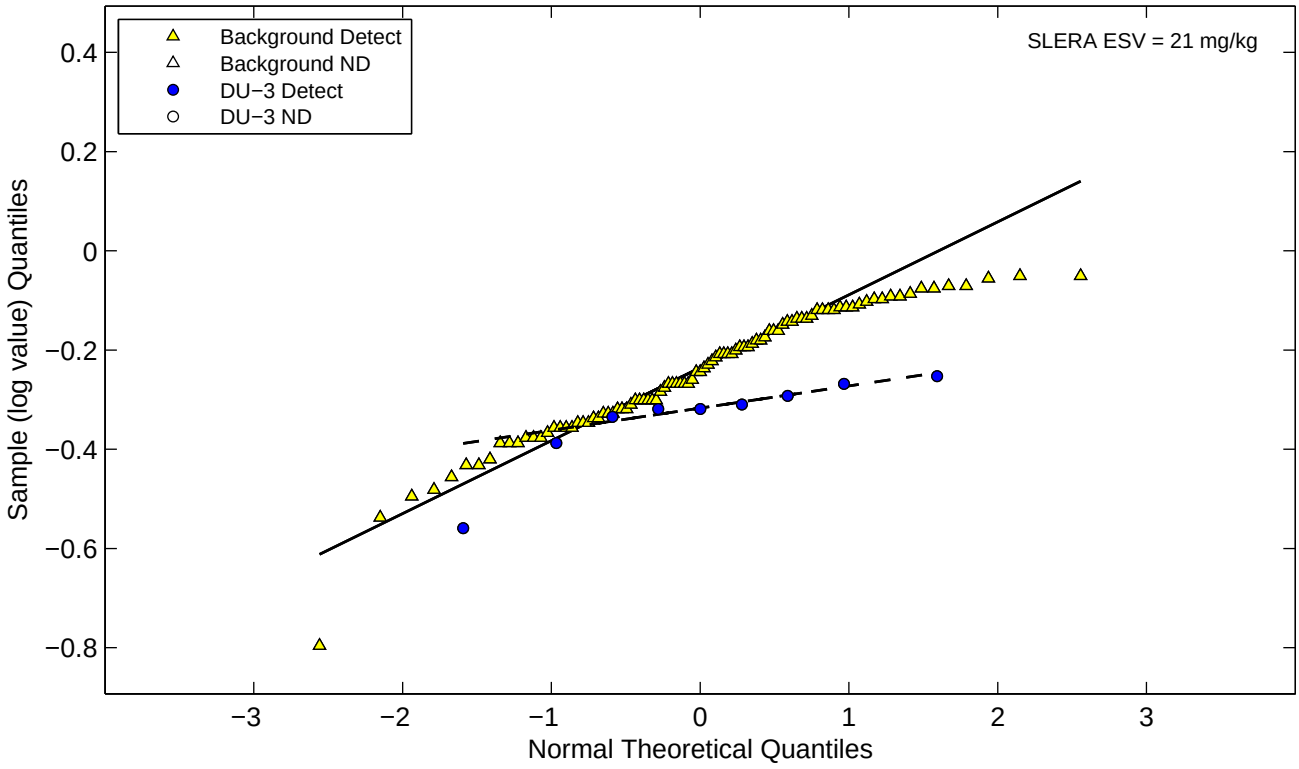
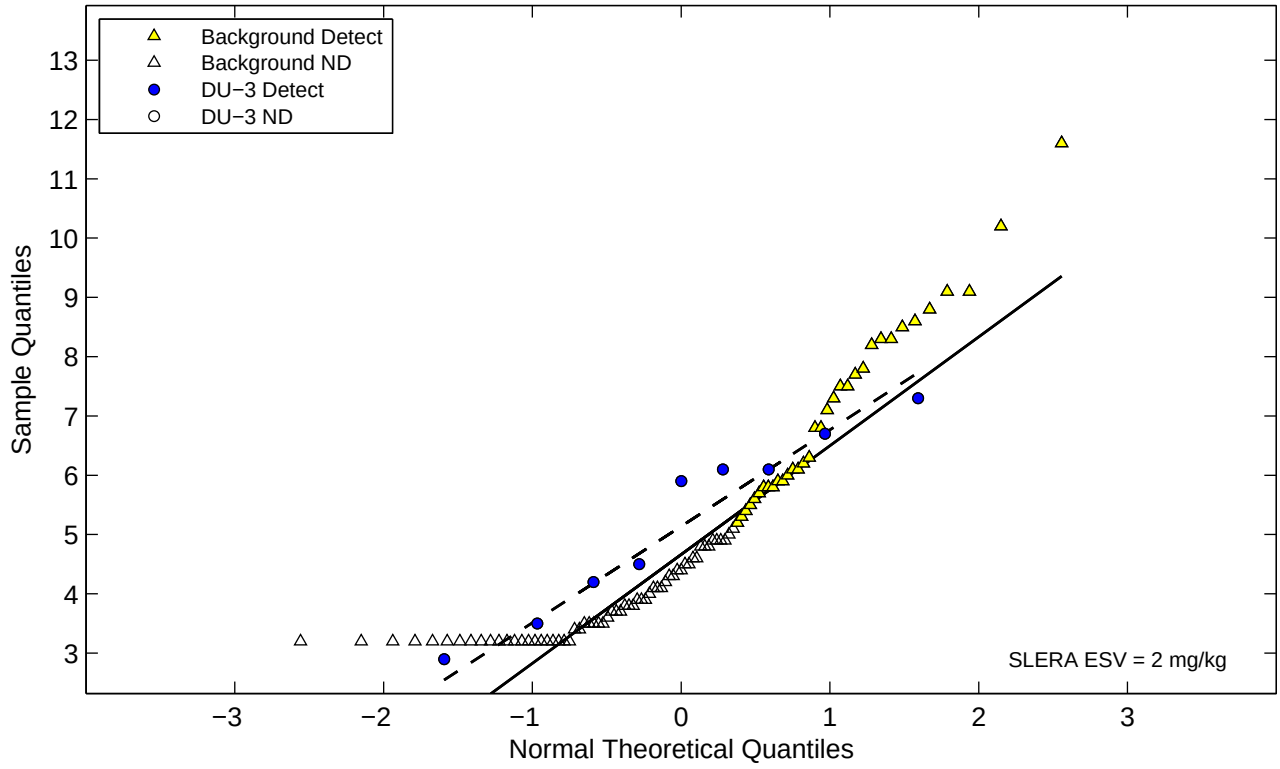


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Boron



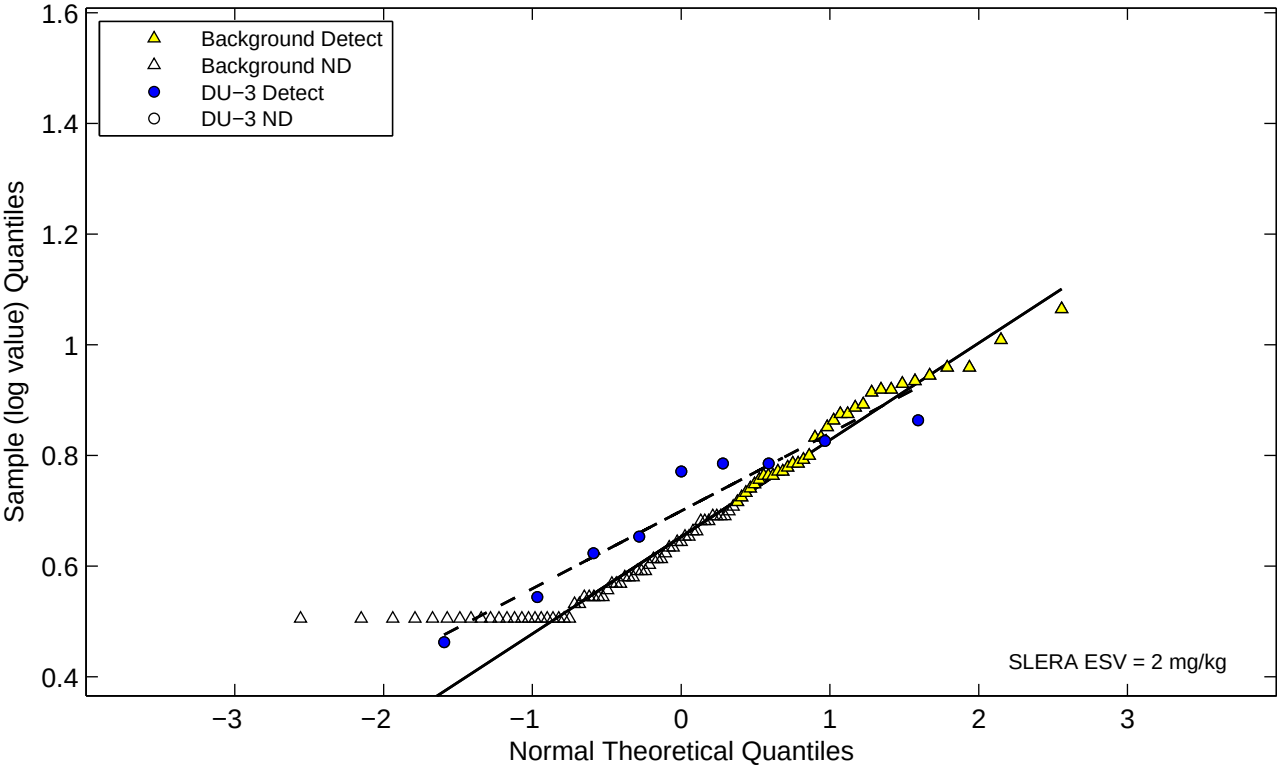
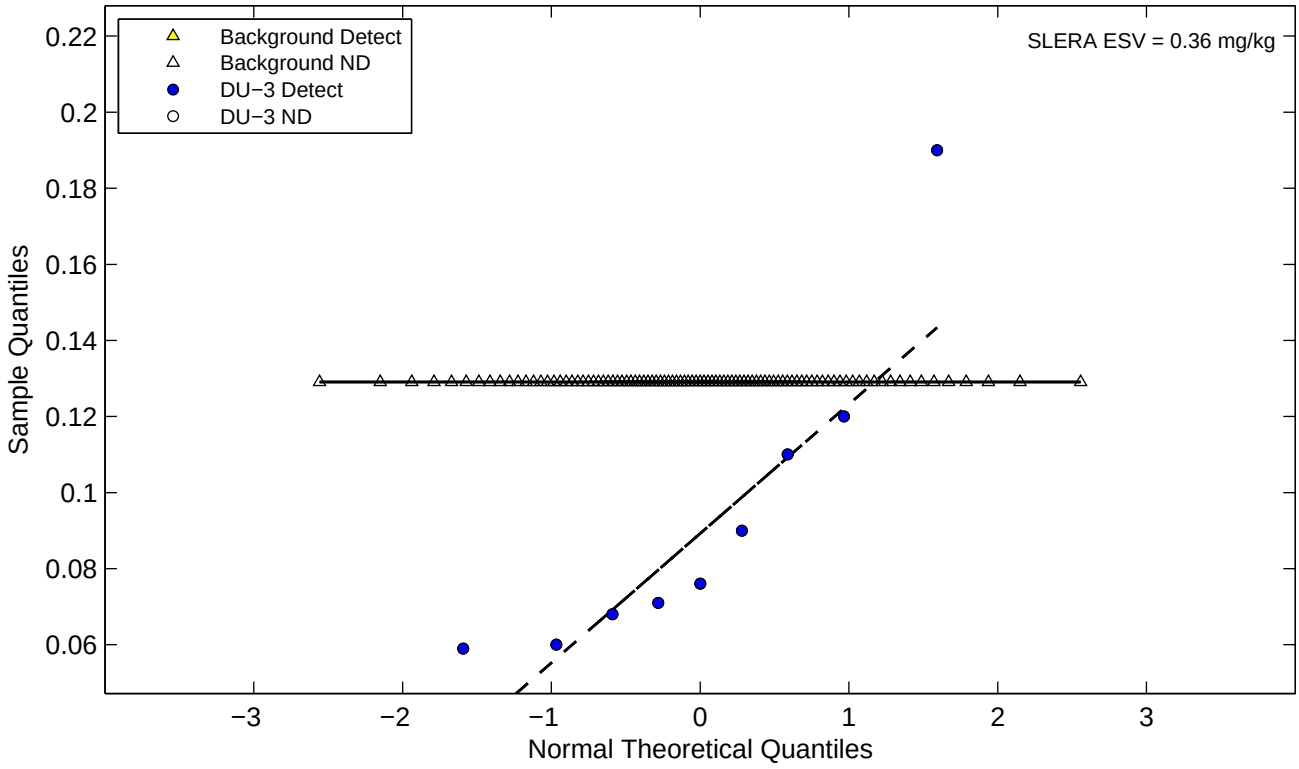


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Cadmium



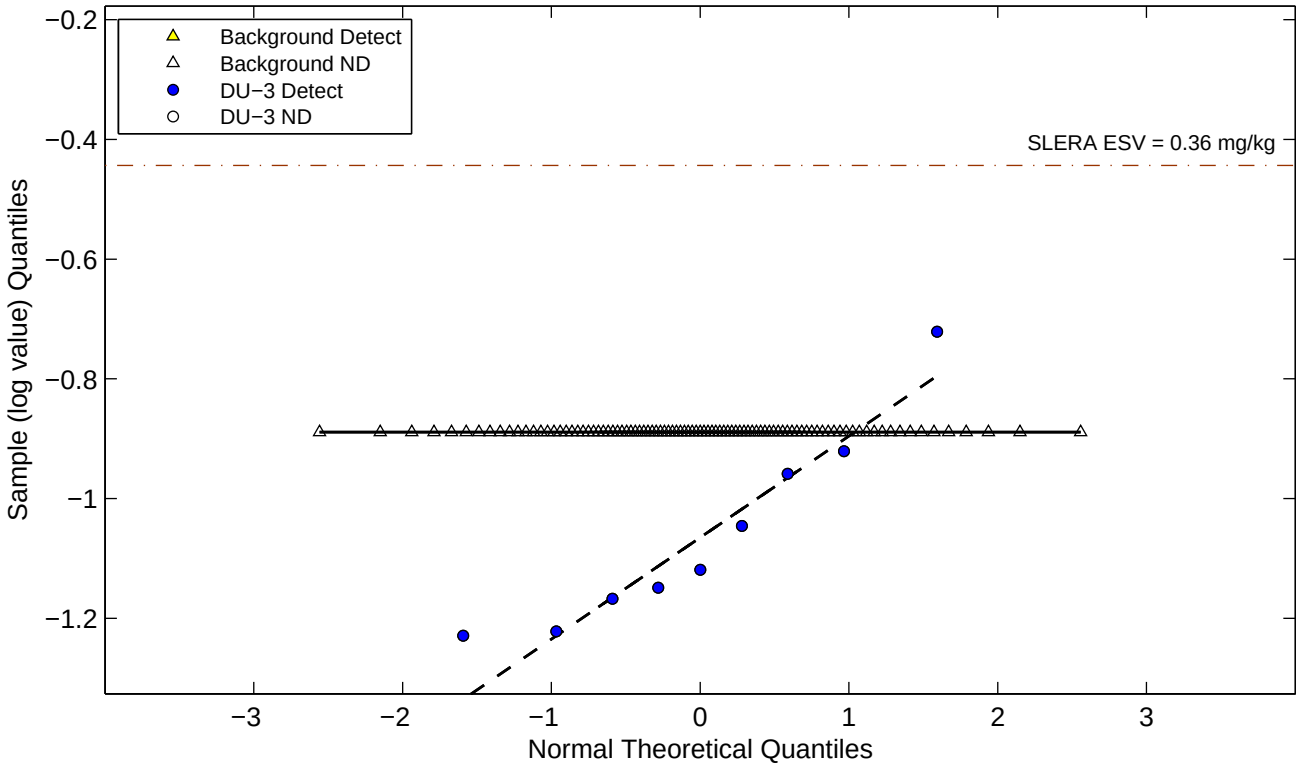
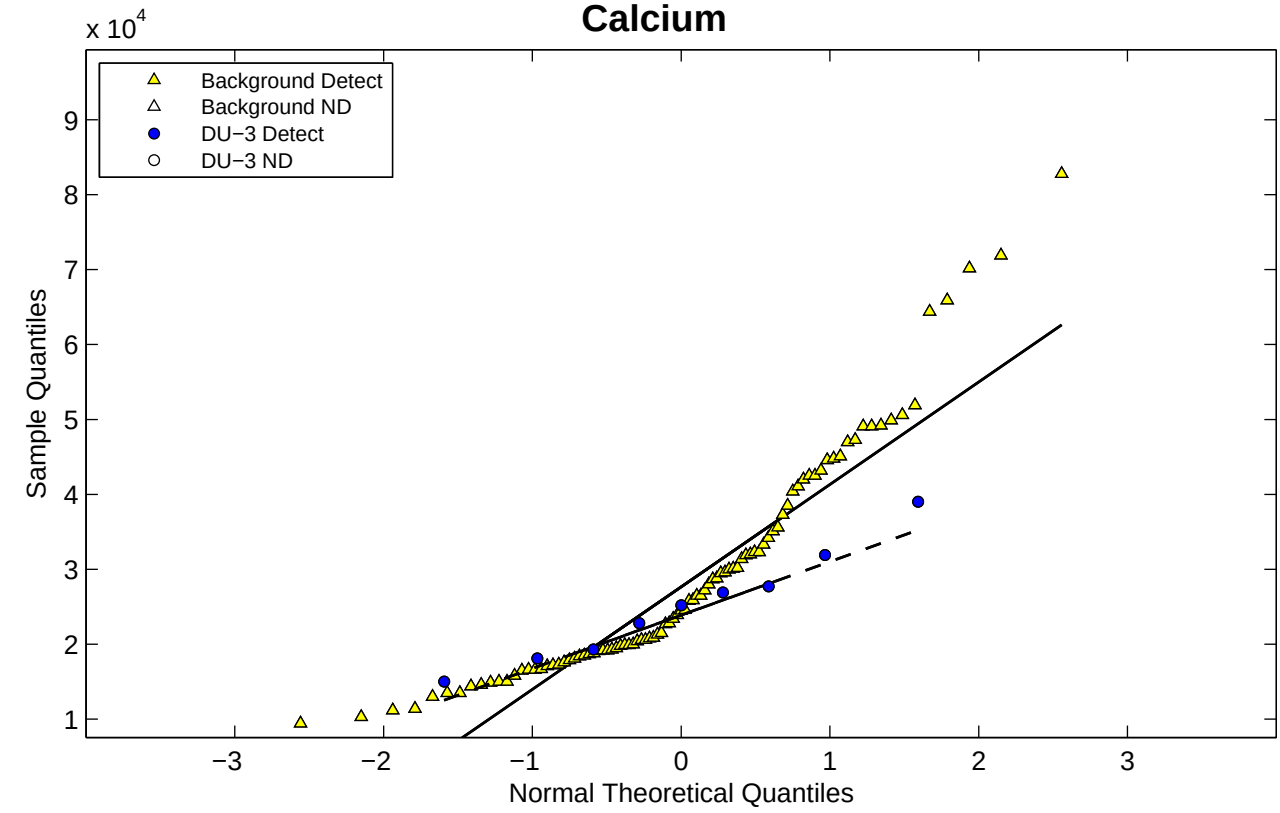


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)

Calcium



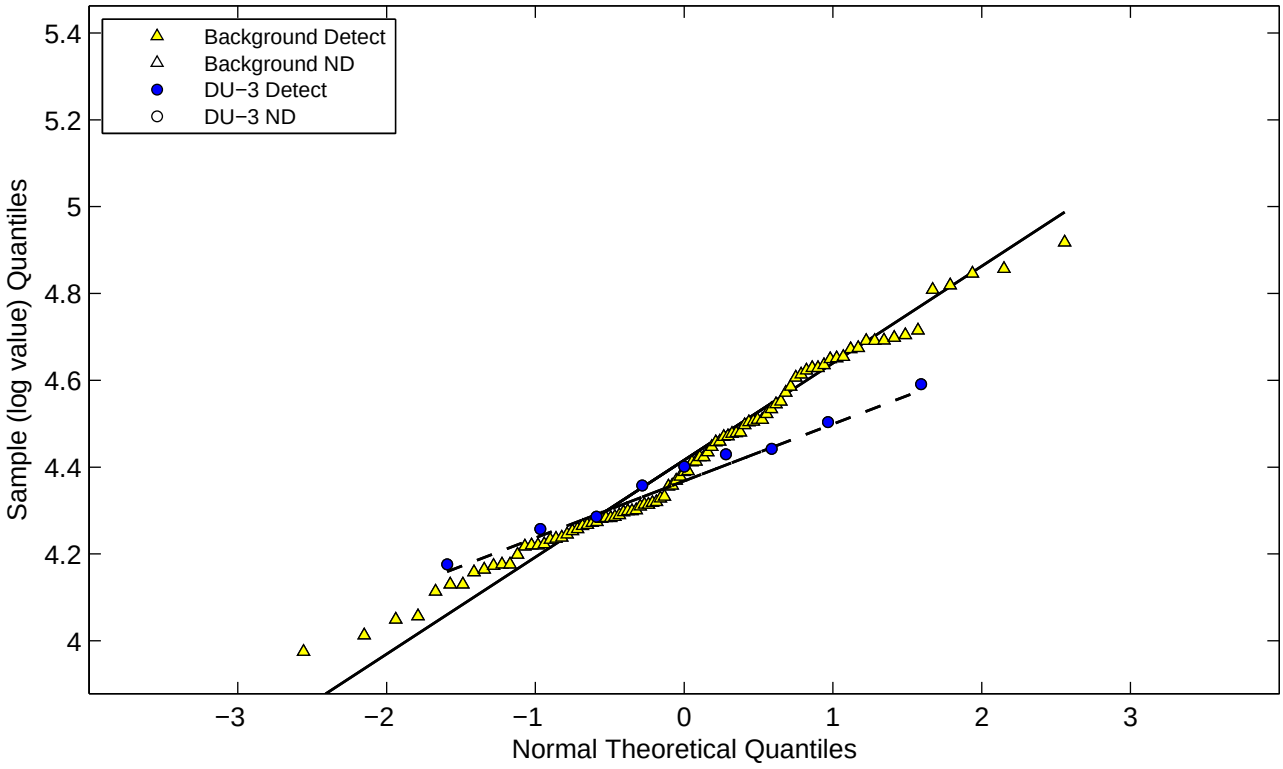
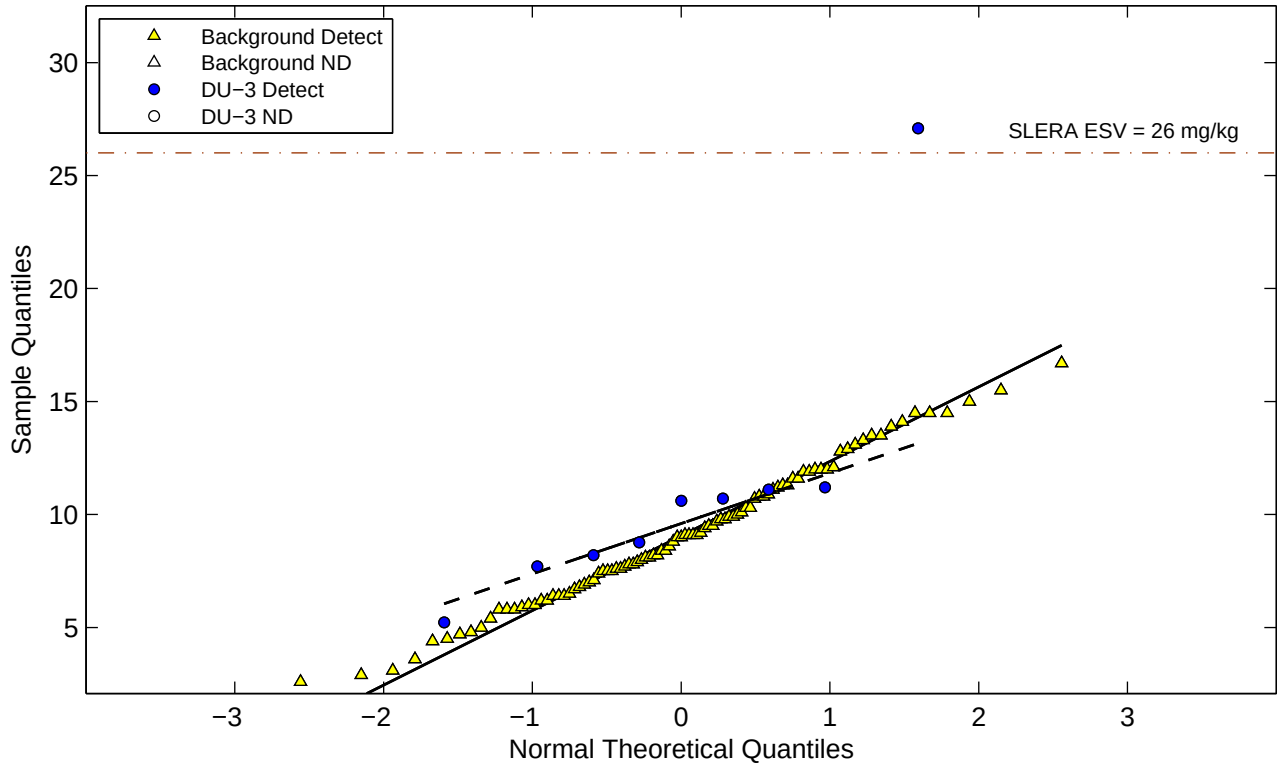


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Chromium (total)



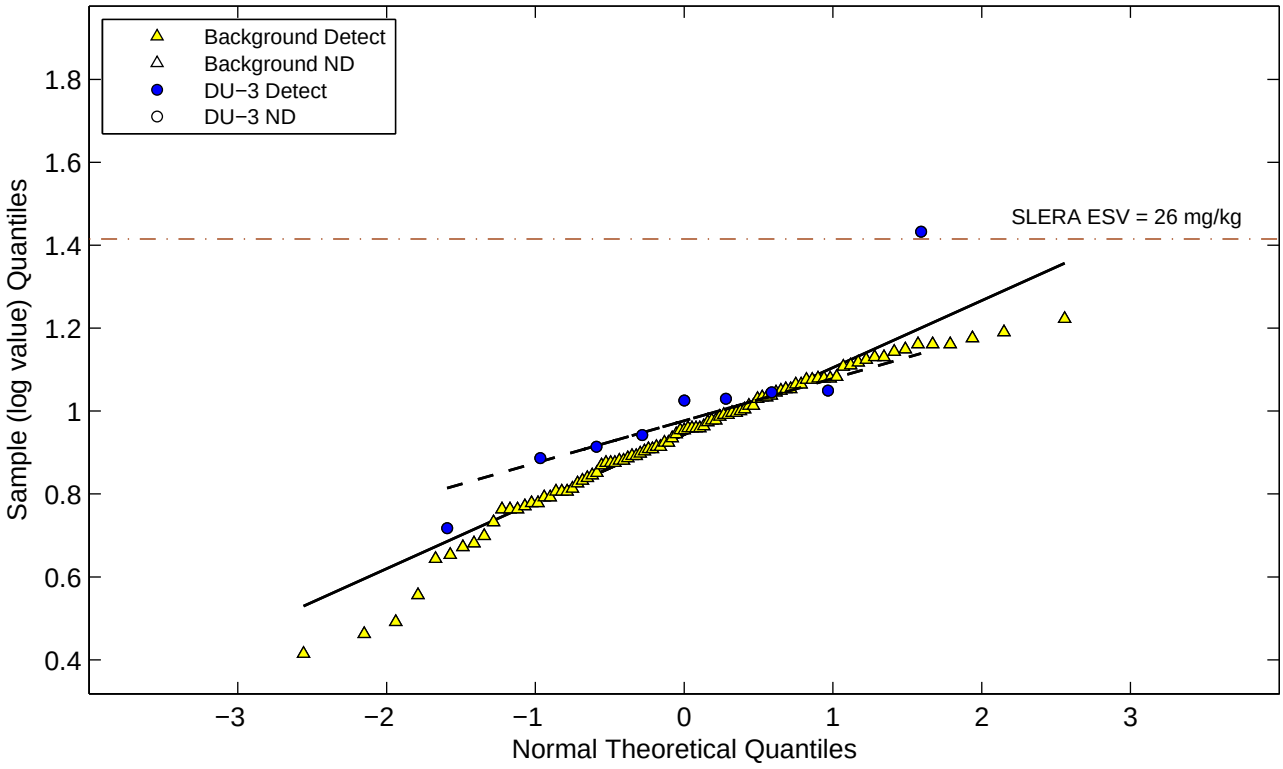
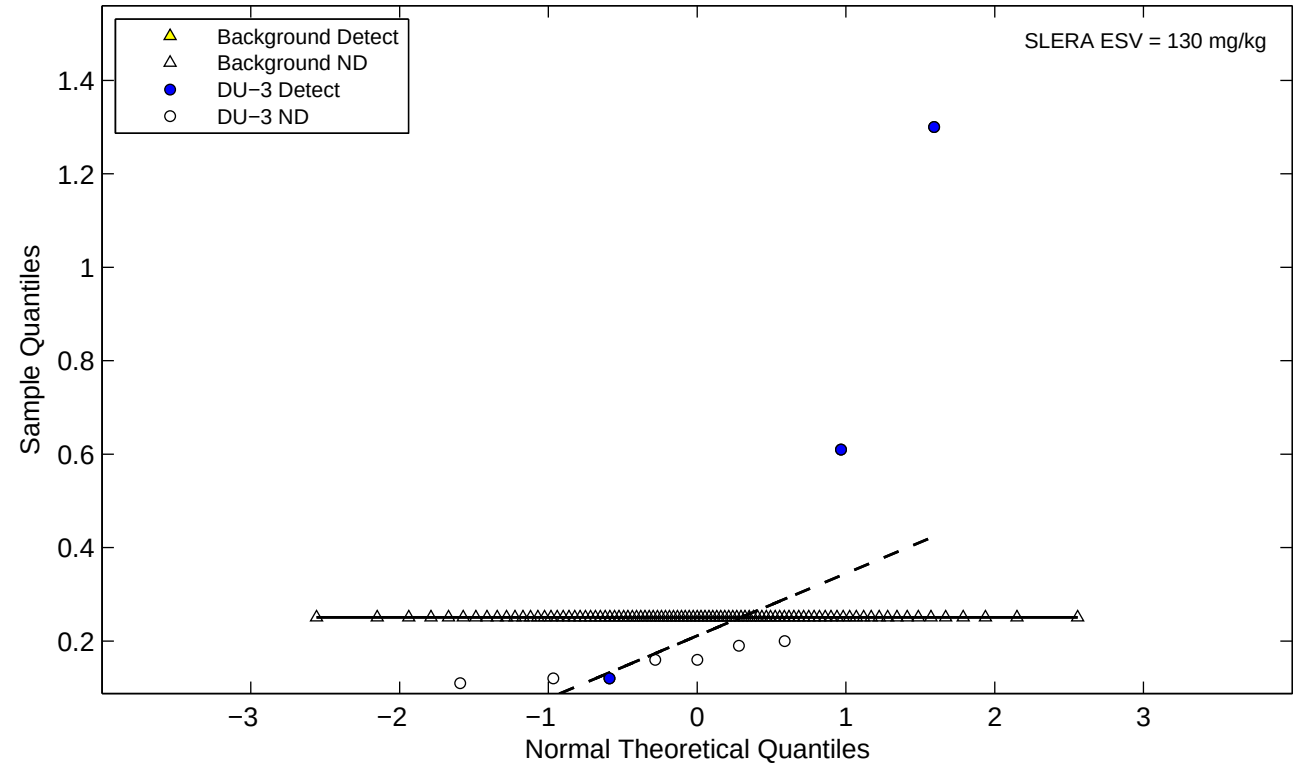


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3) Chromium VI



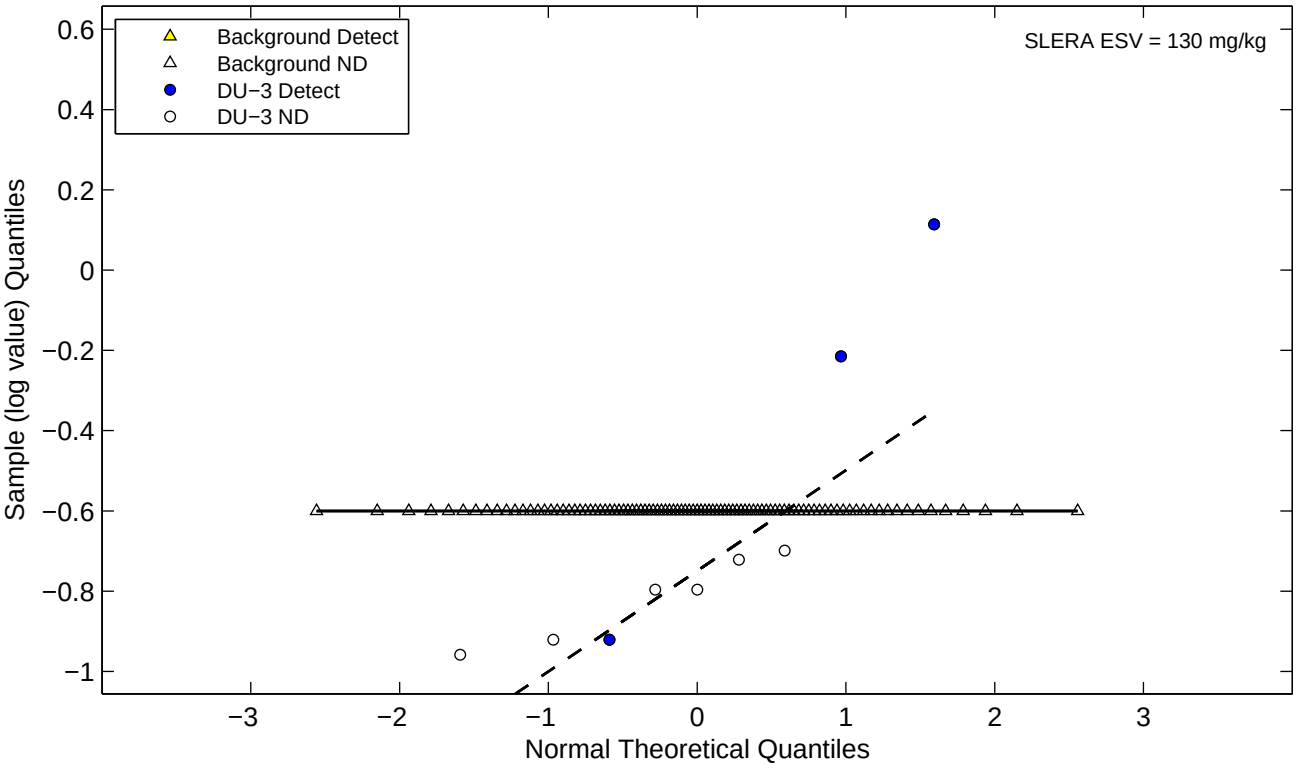
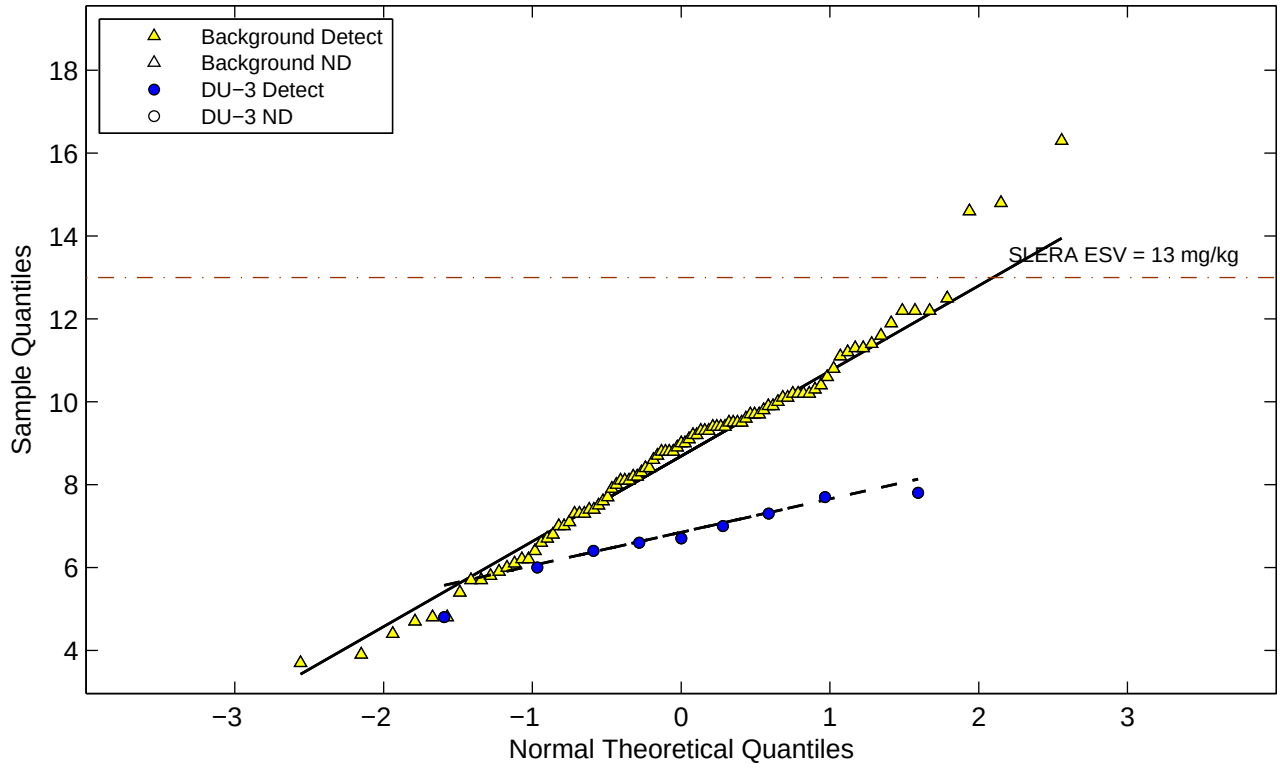


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Cobalt



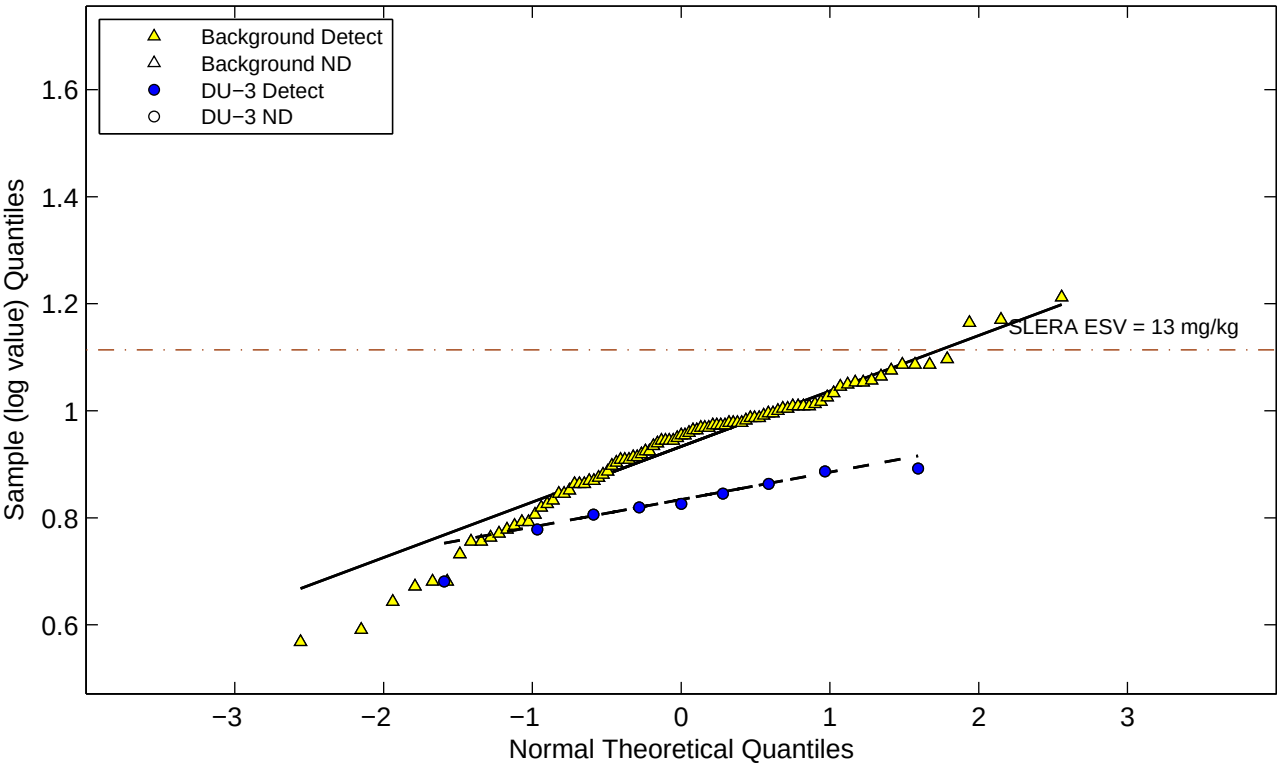
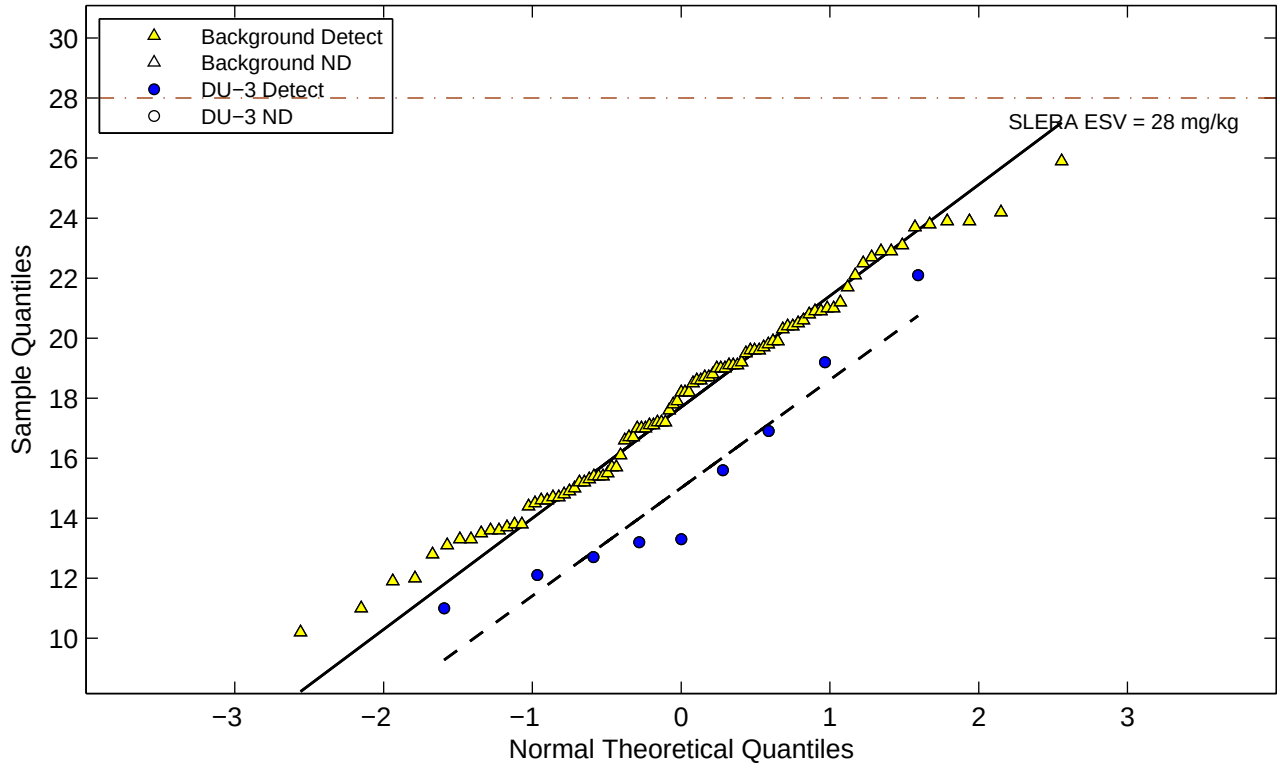


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Copper



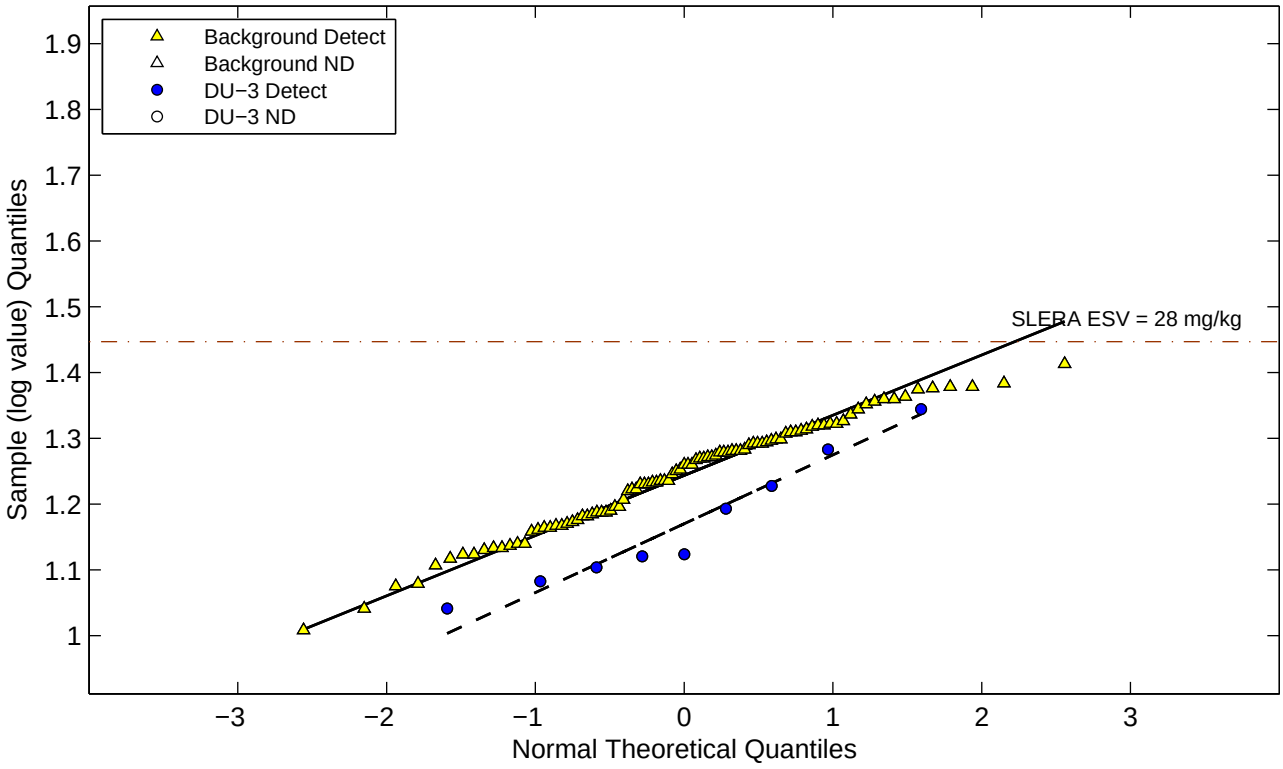
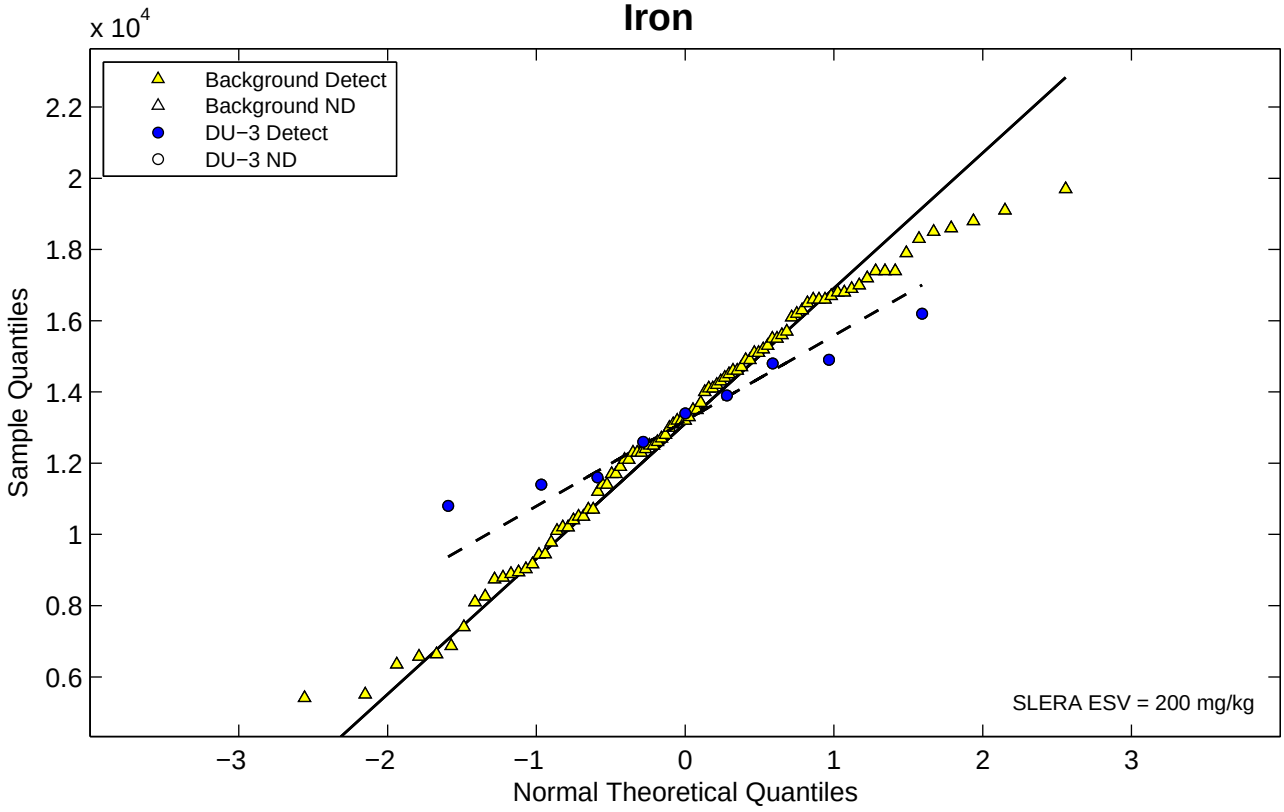


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)

Iron



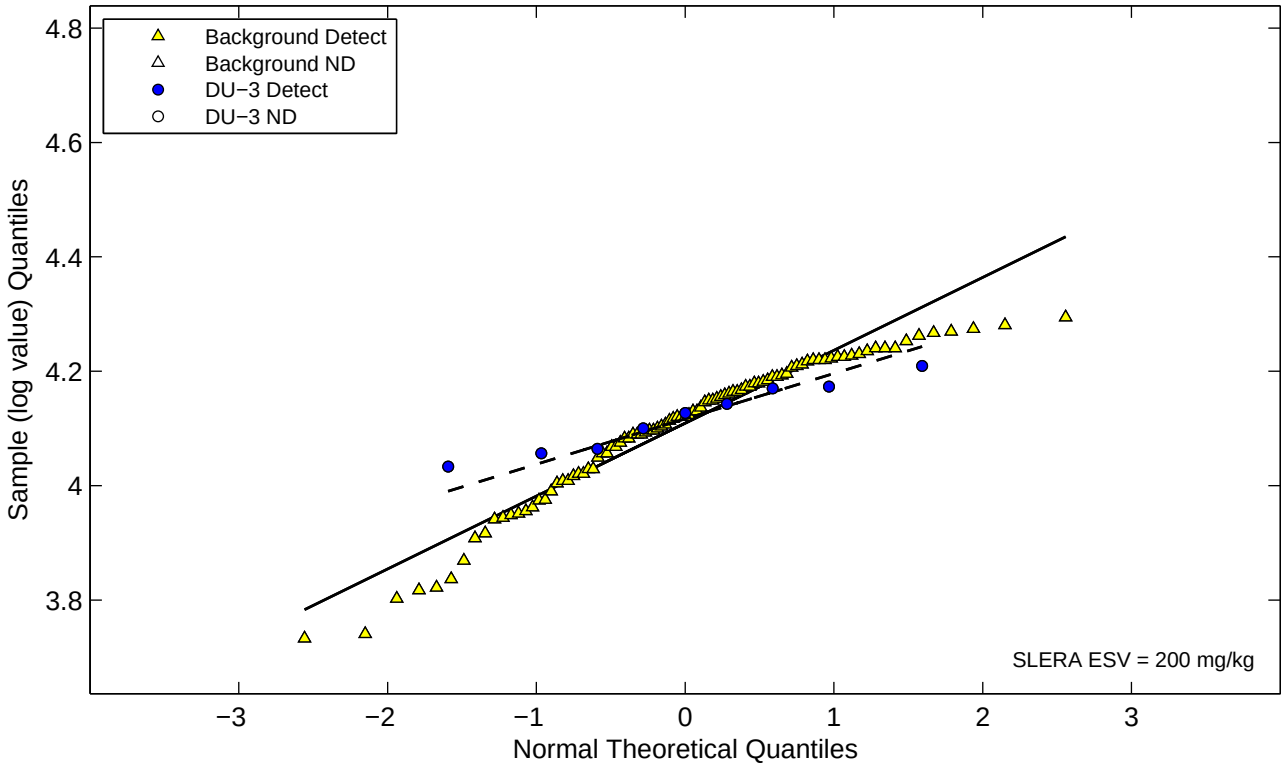
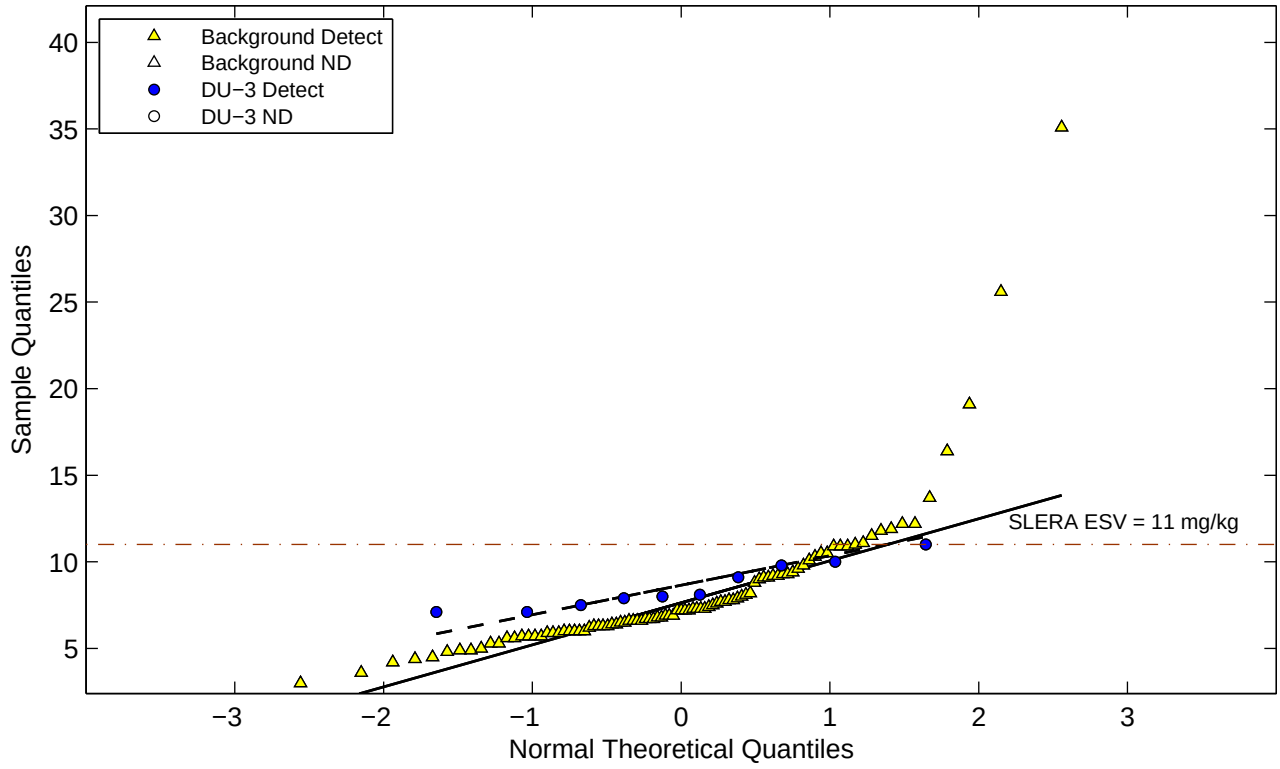


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Lead



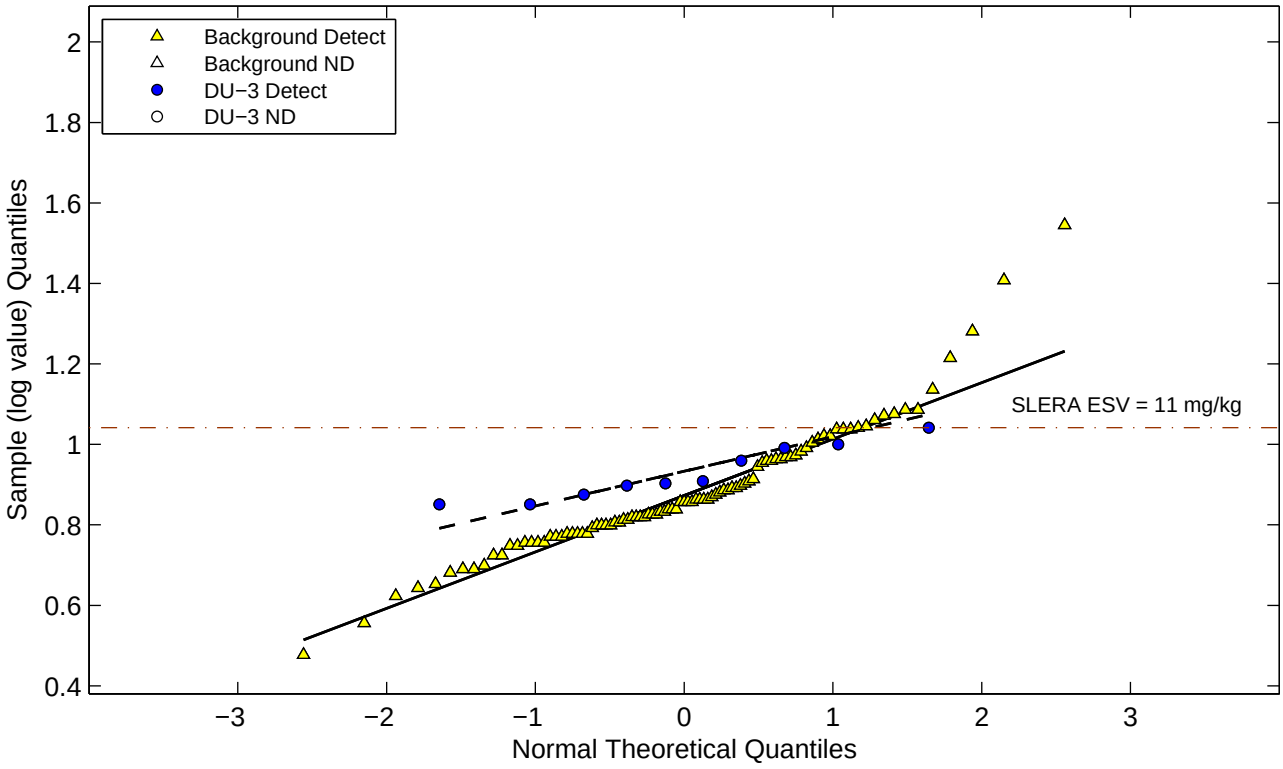
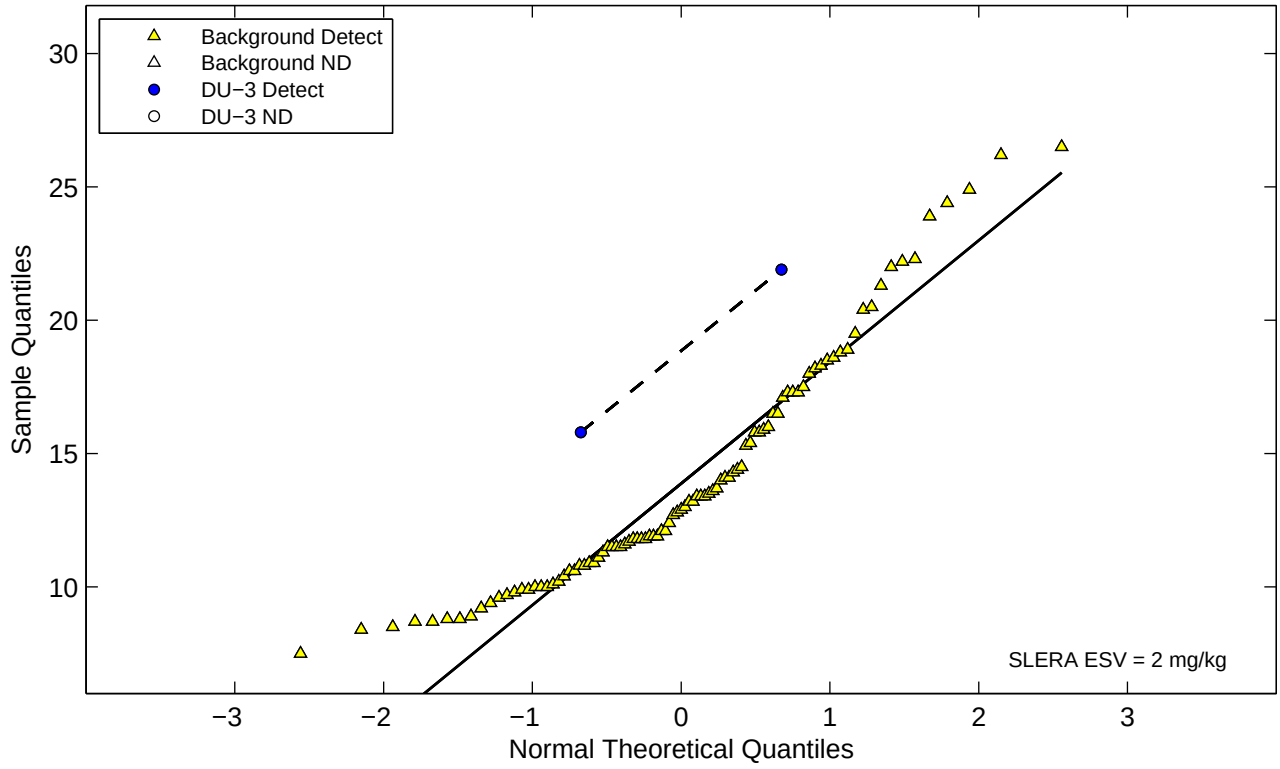


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Lithium



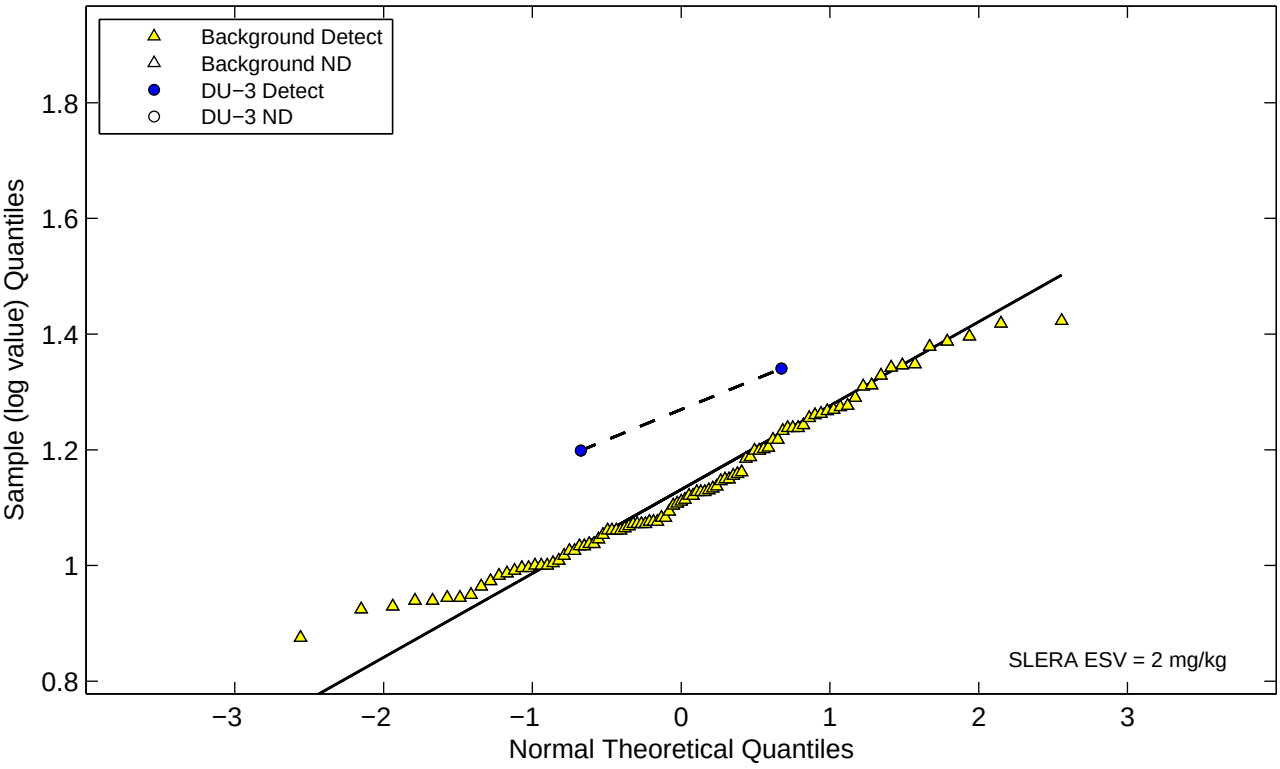
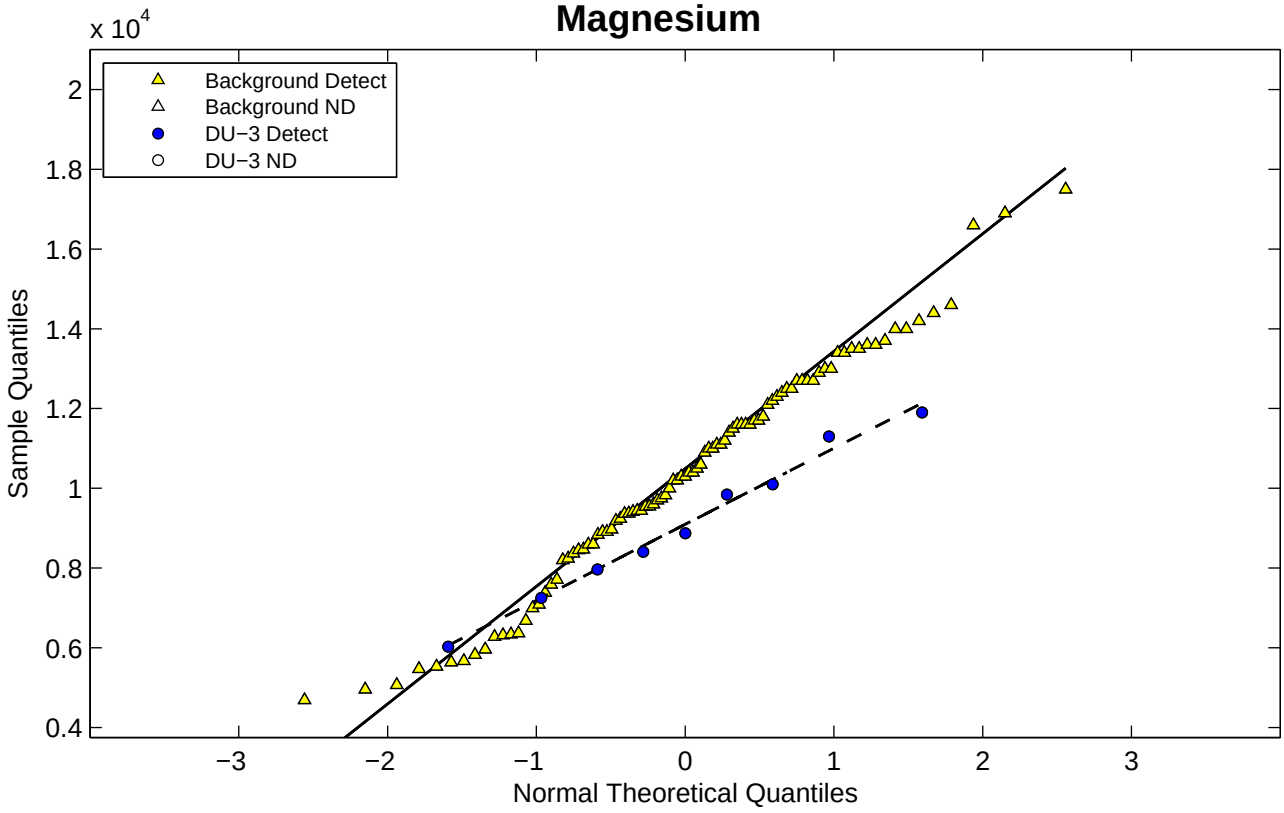


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)

Magnesium



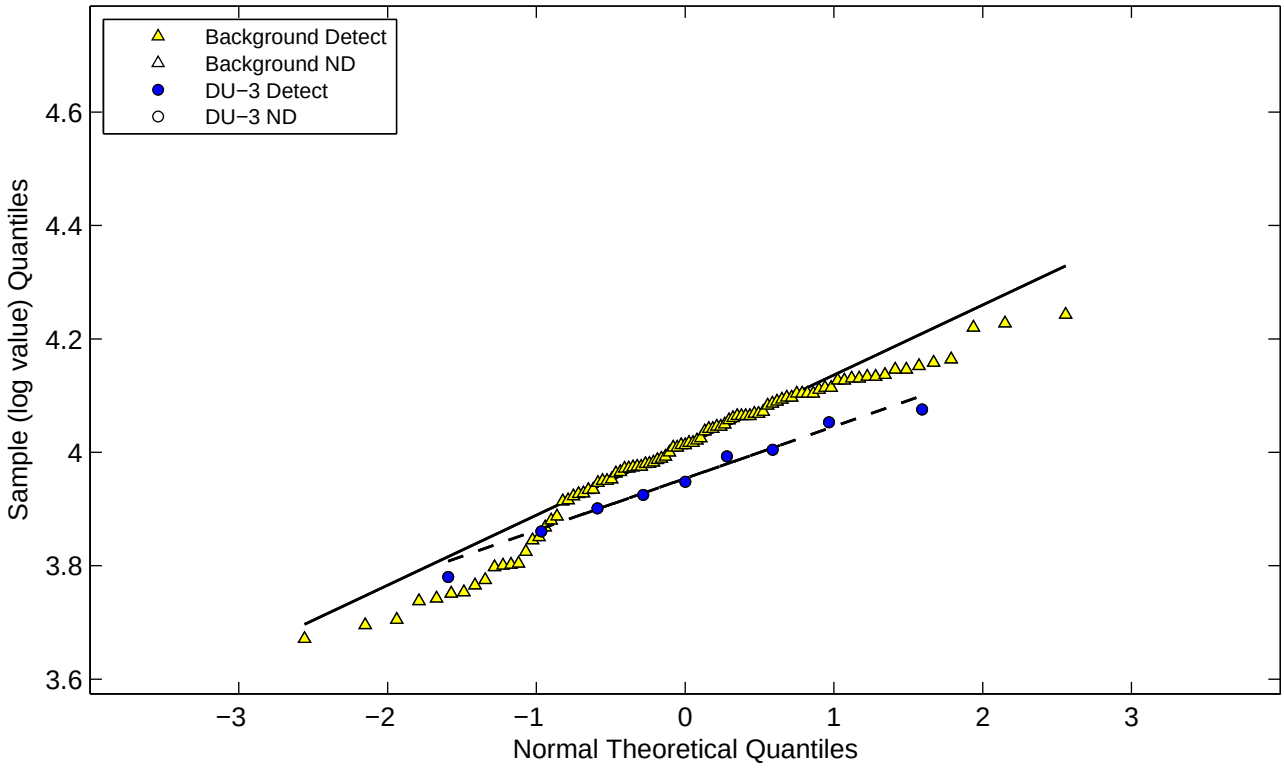
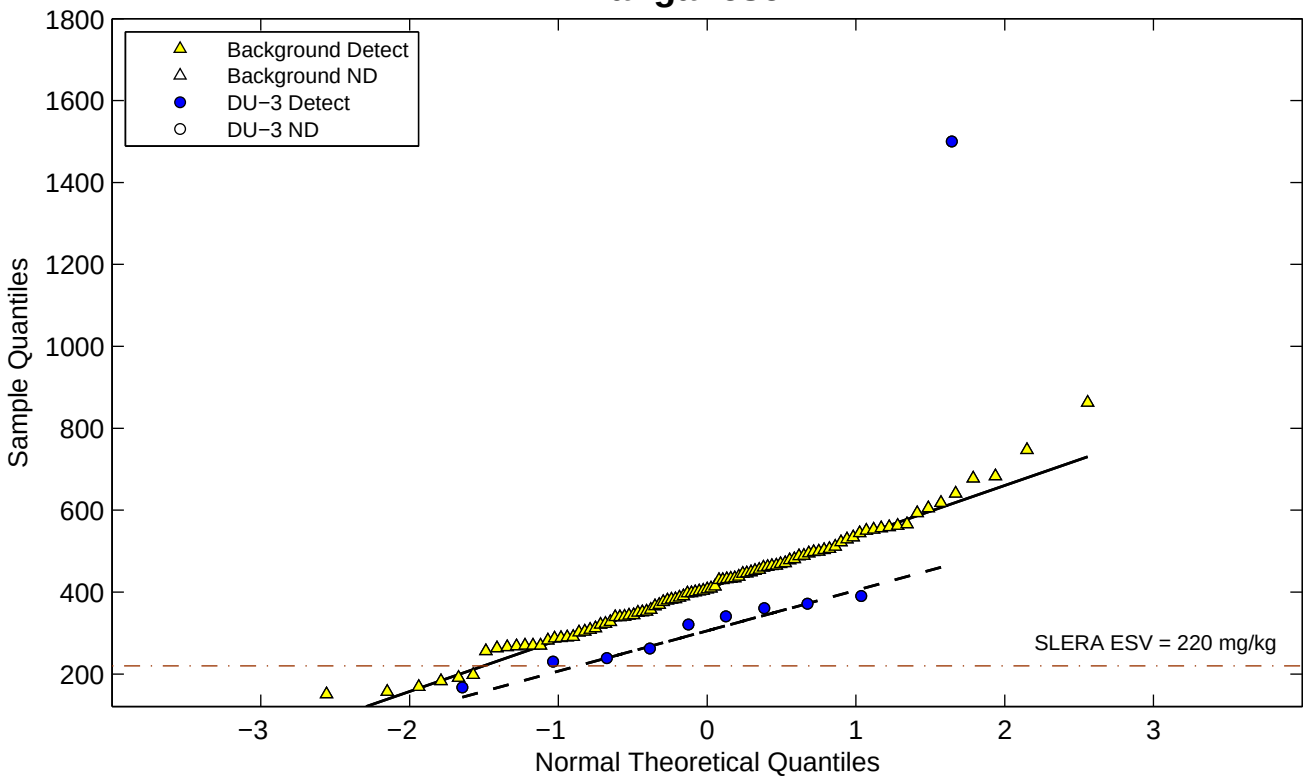


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Manganese



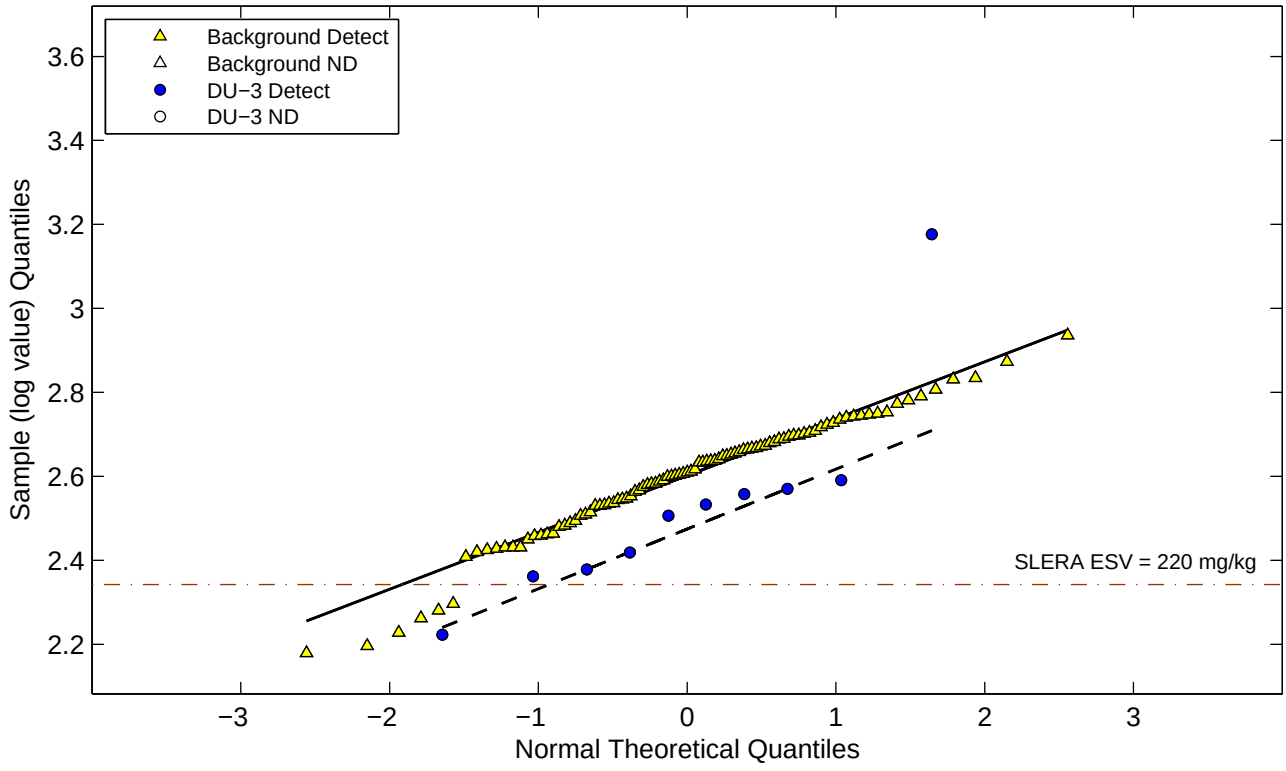
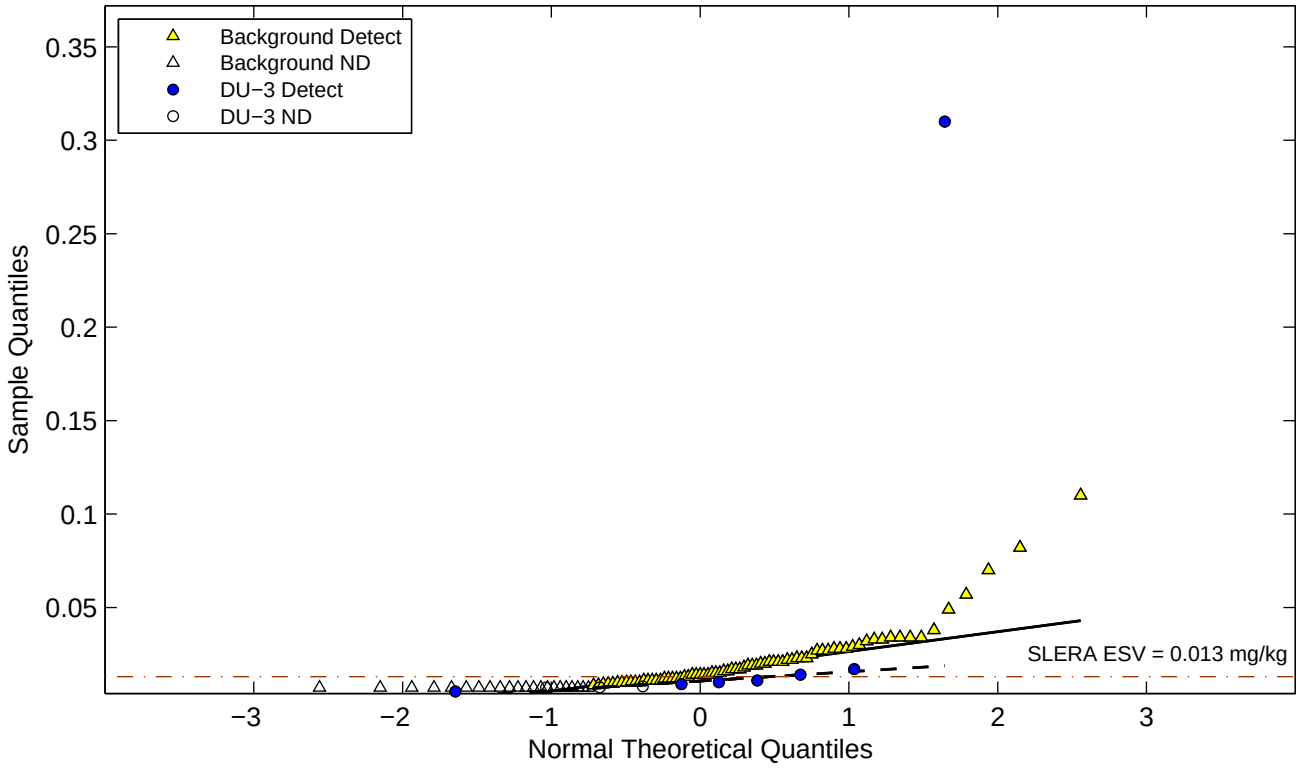


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Mercury



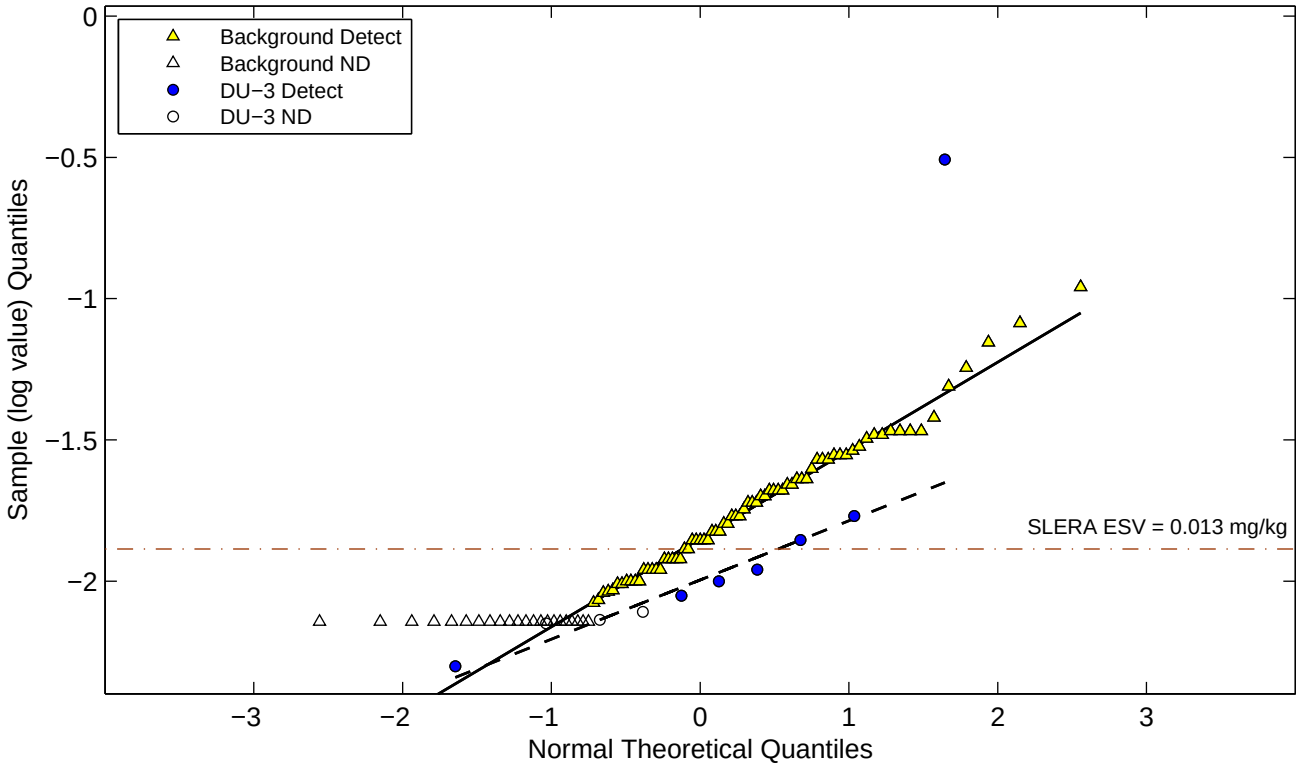
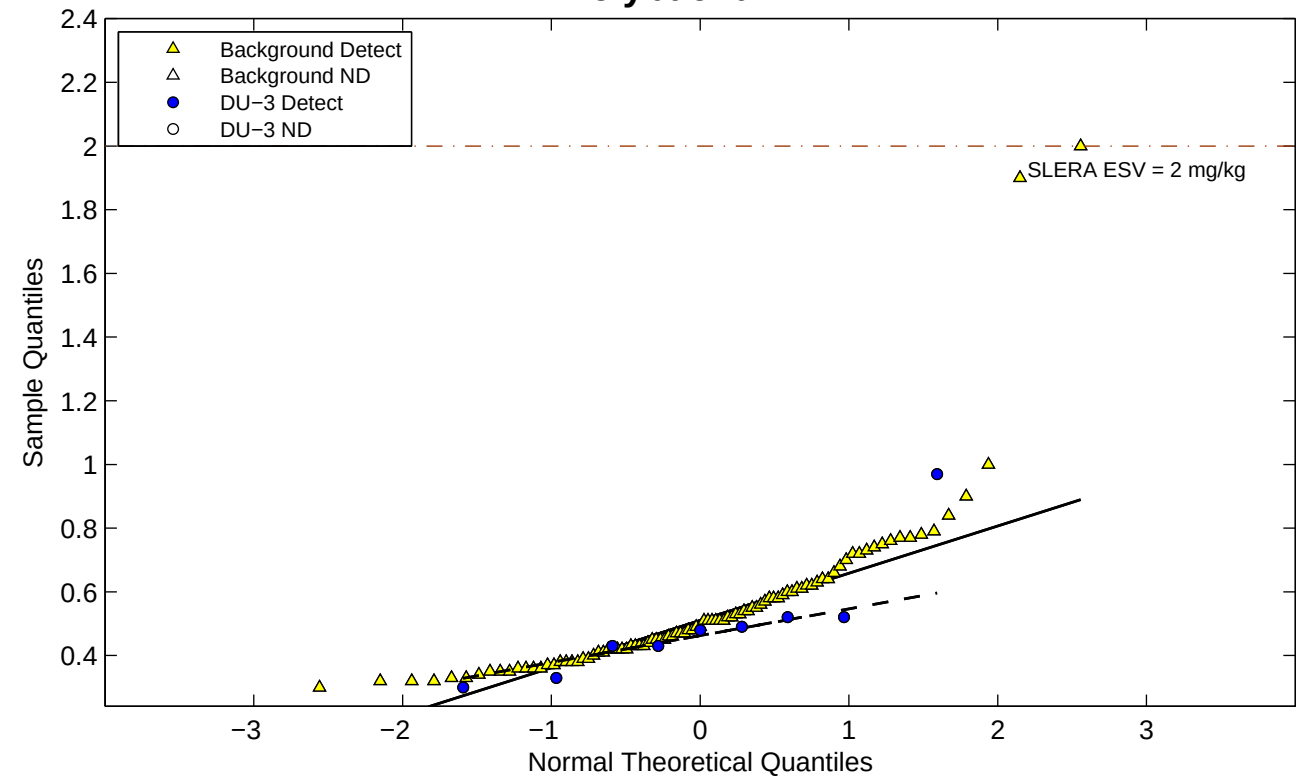


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Molybdenum



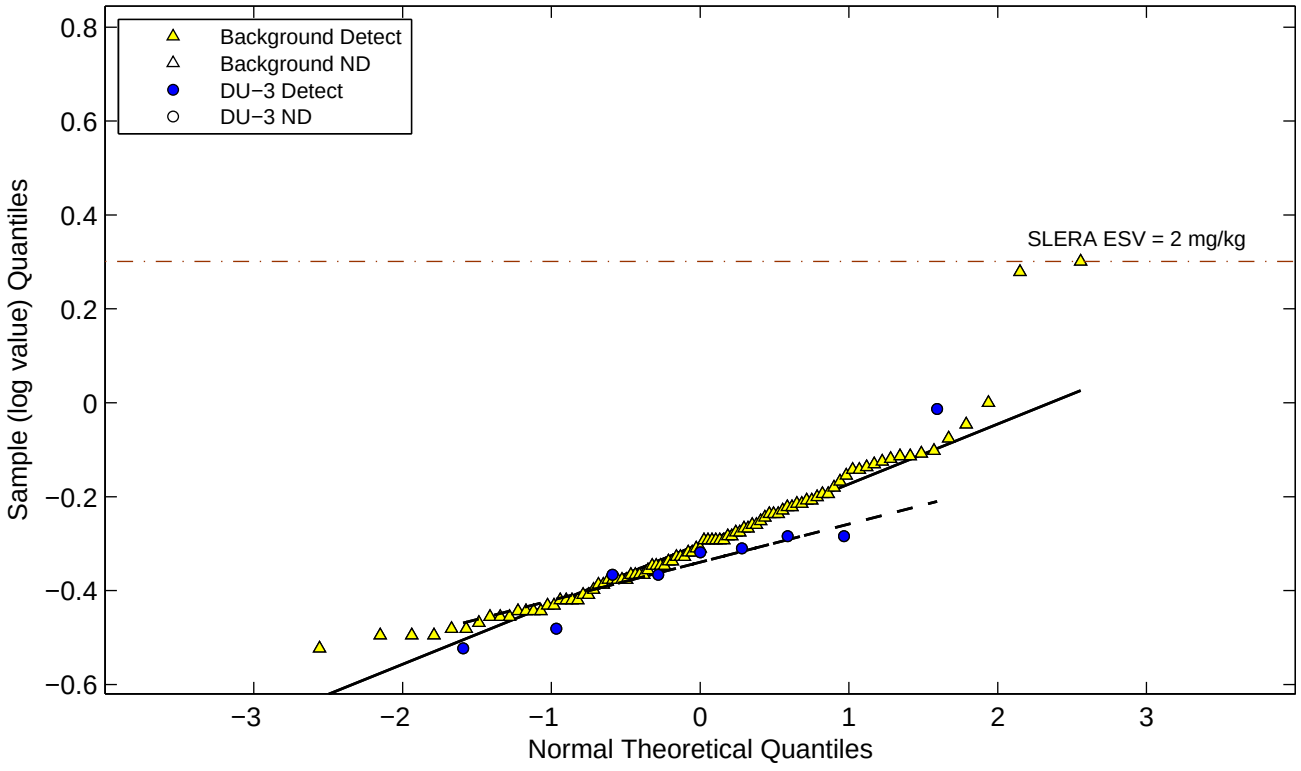
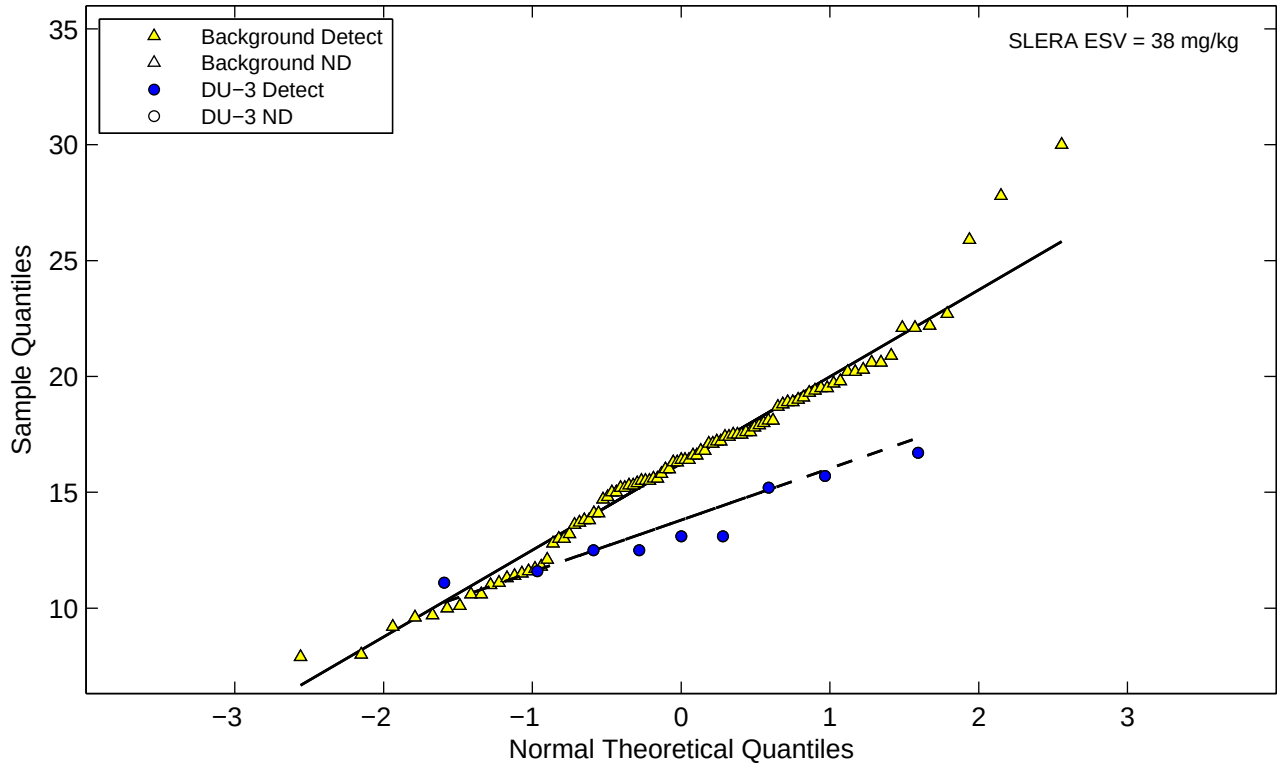


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Nickel



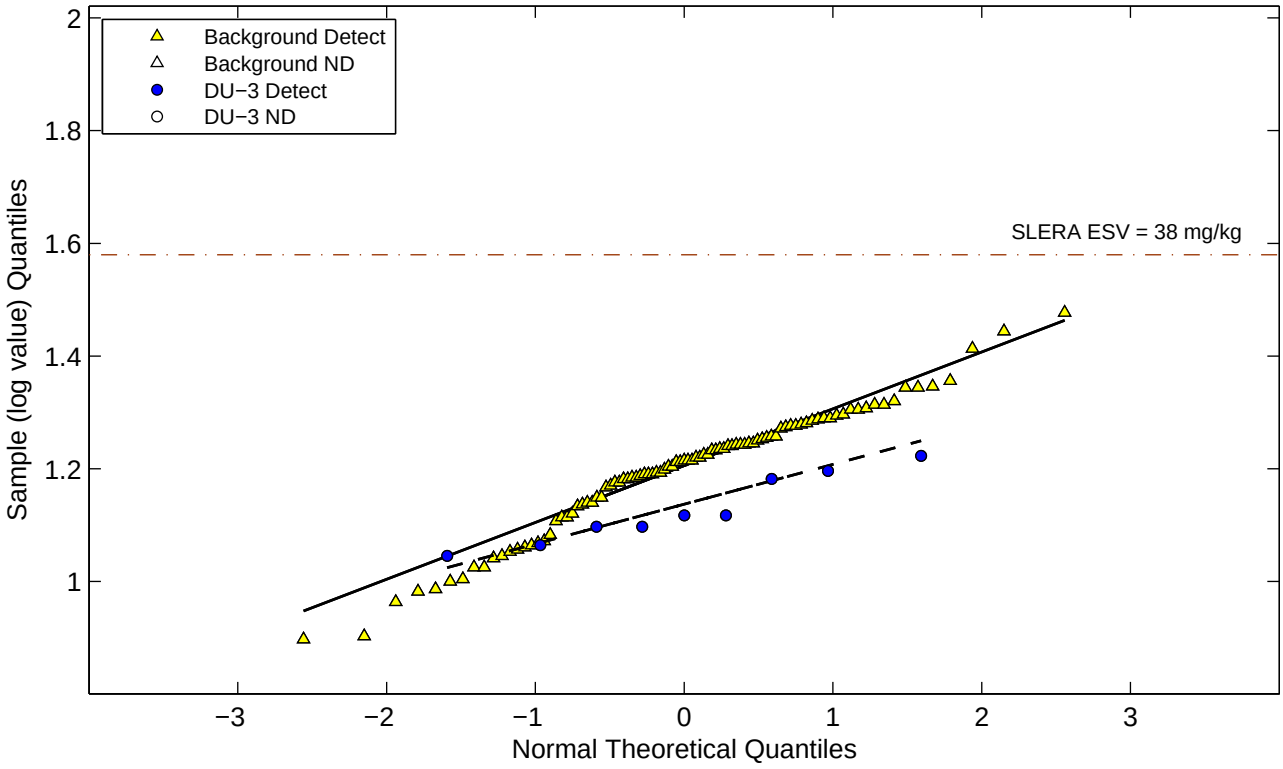
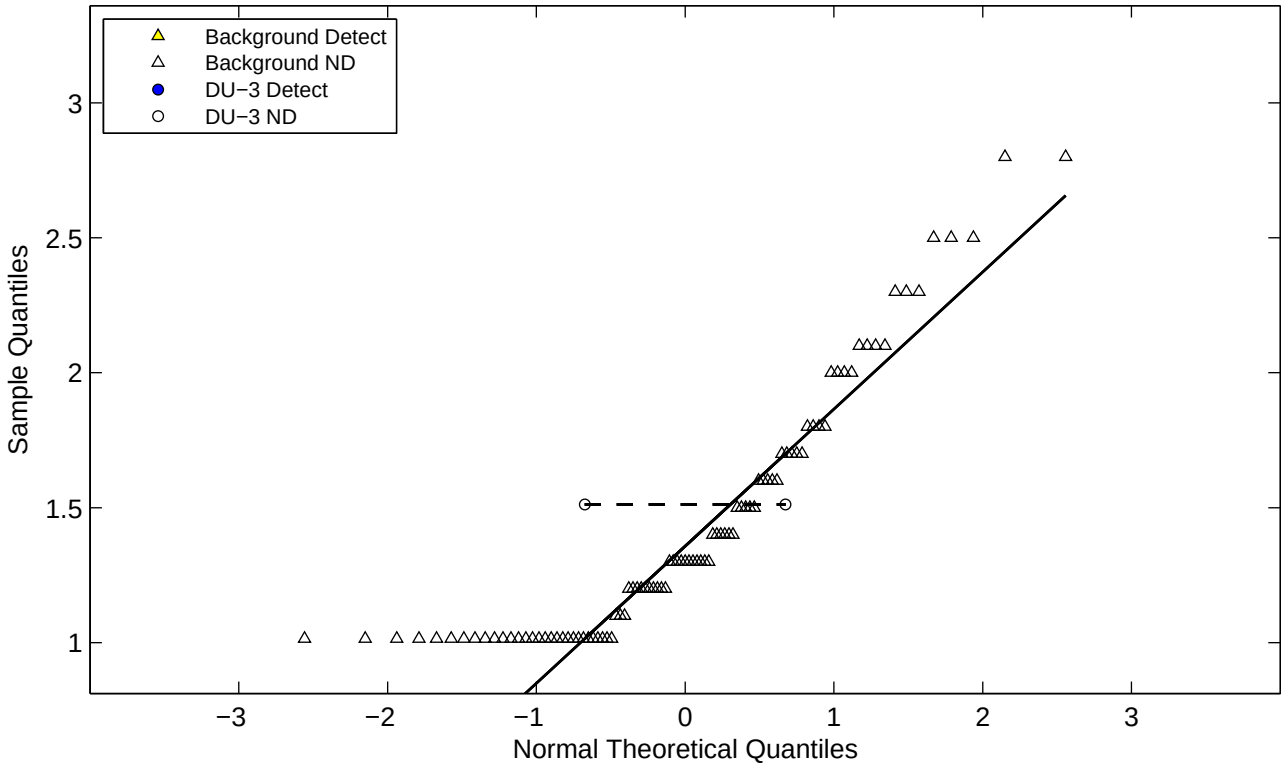


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Niobium



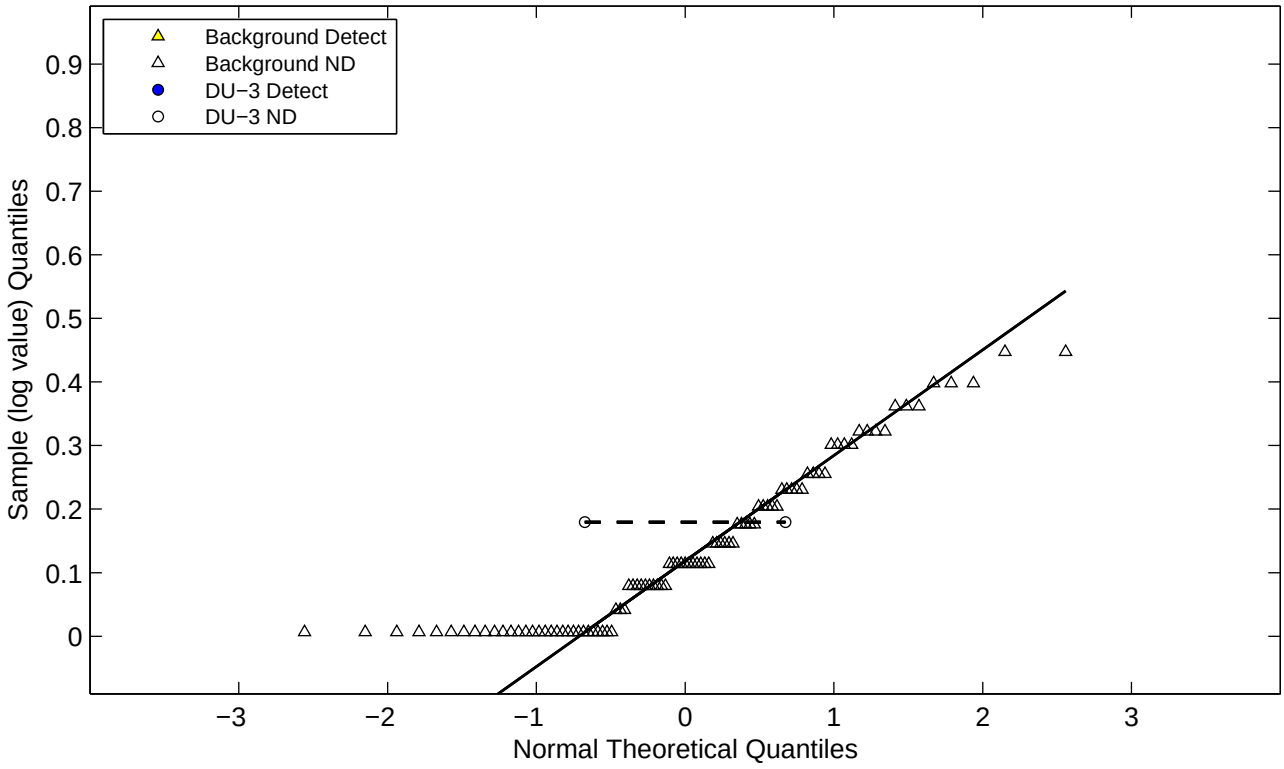
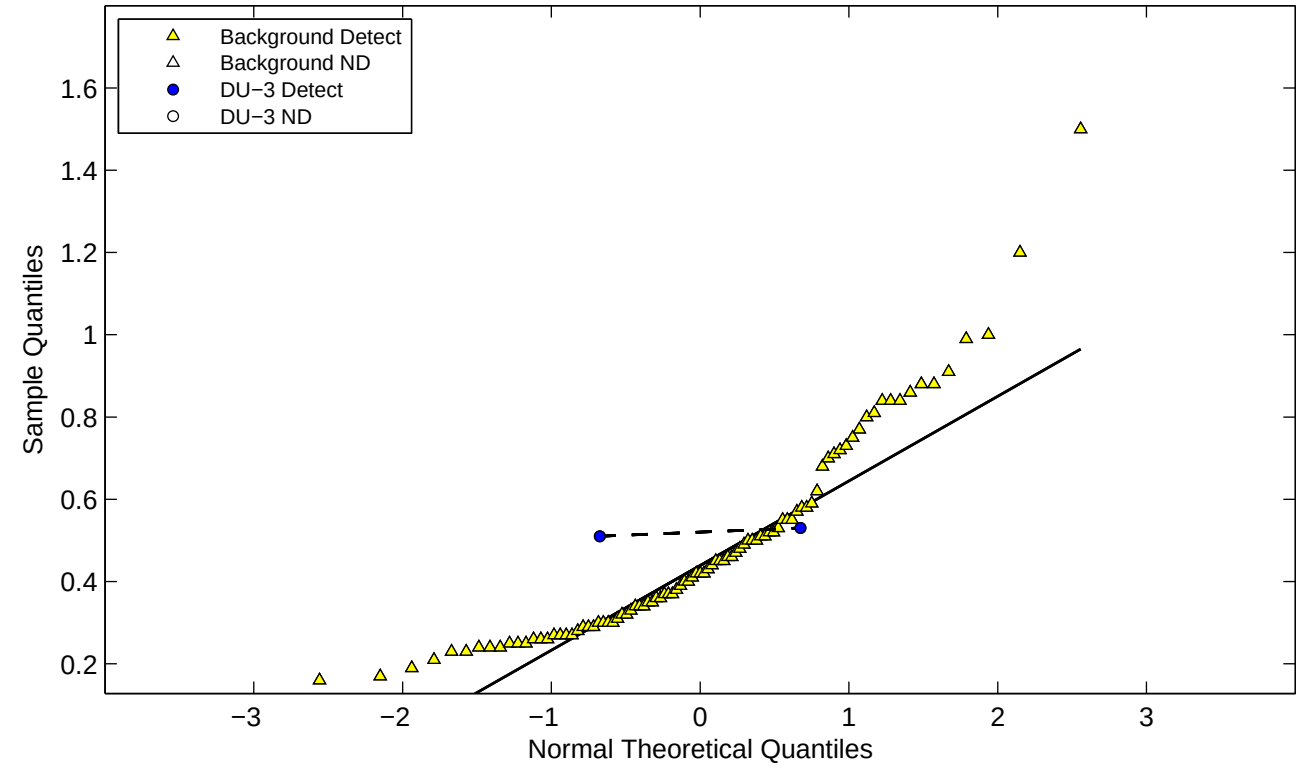


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Palladium



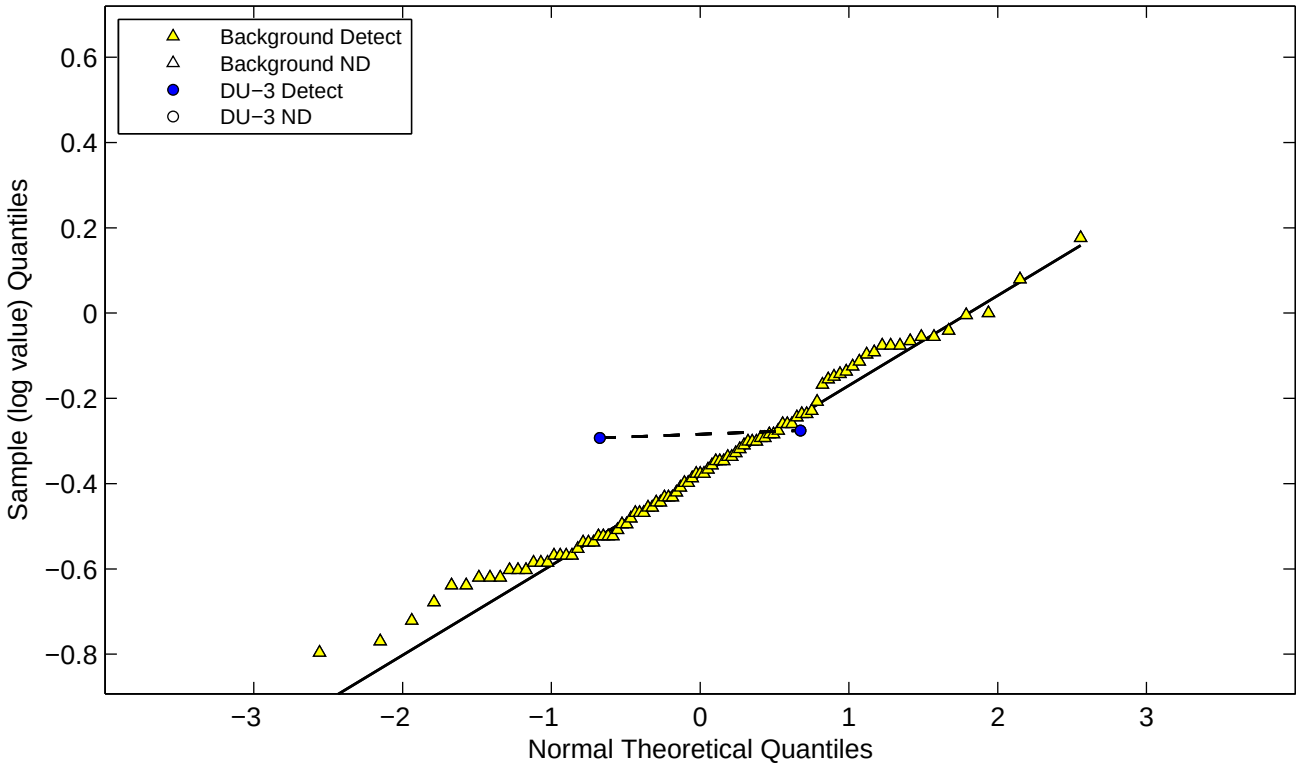
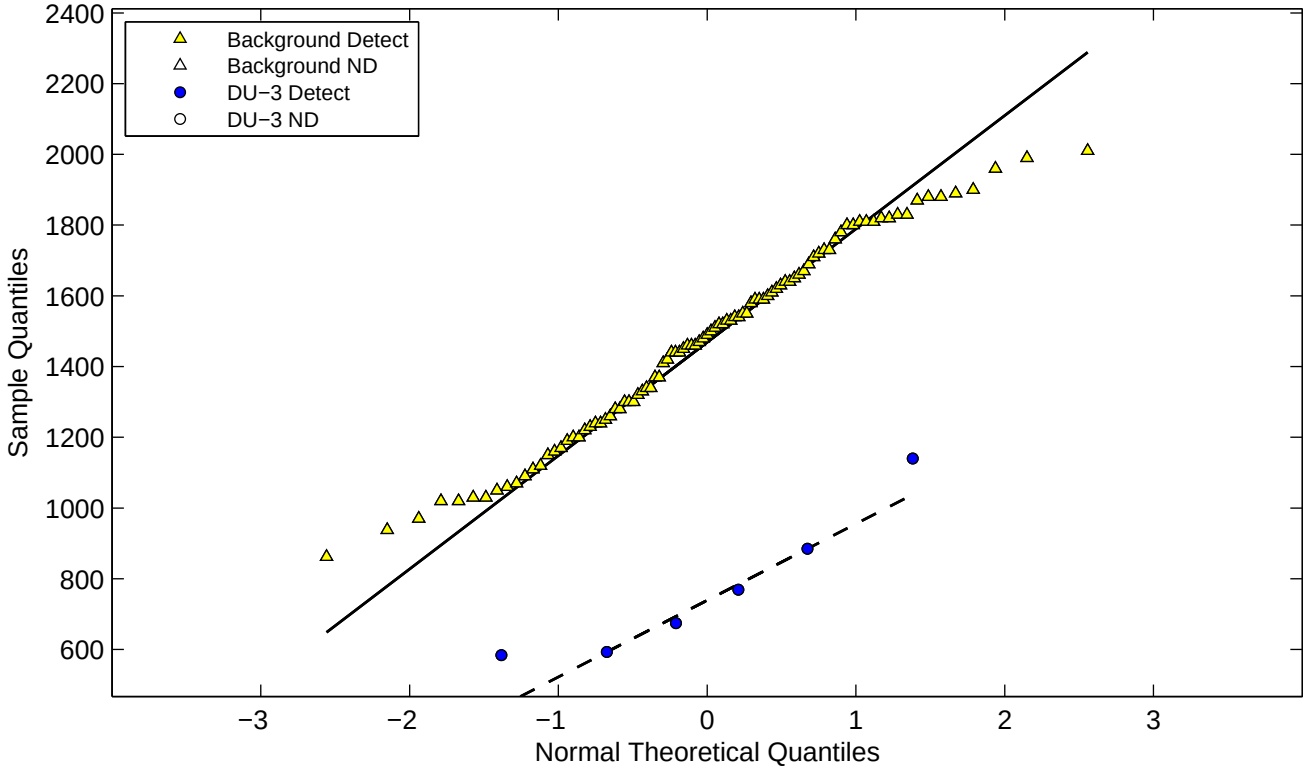


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Phosphorus (total)



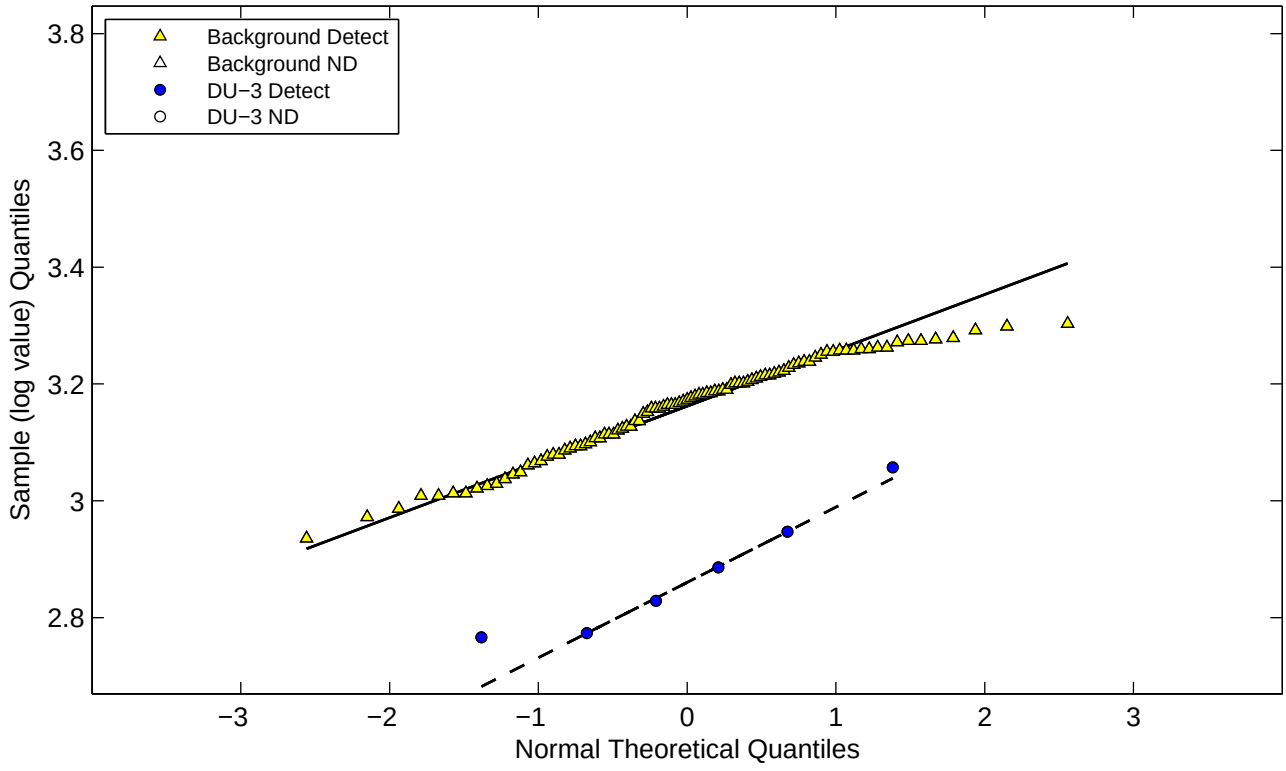
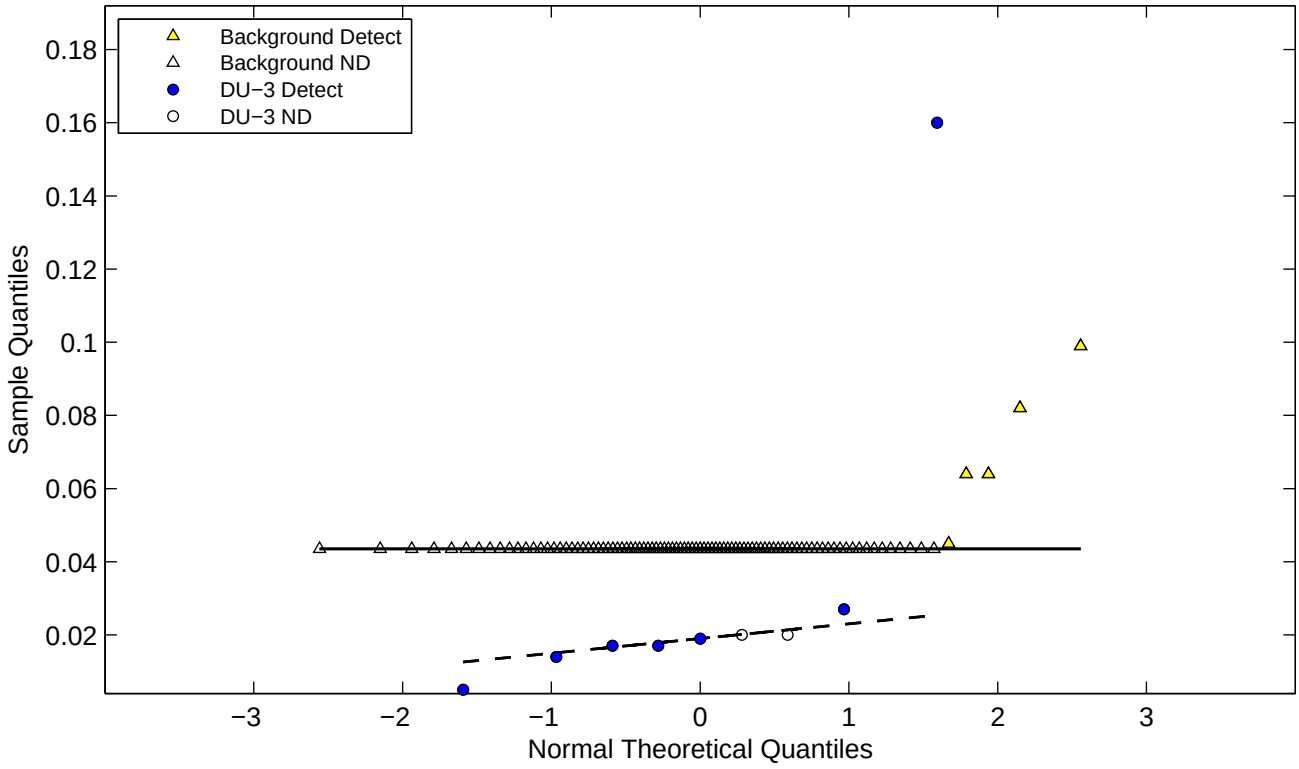


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Platinum



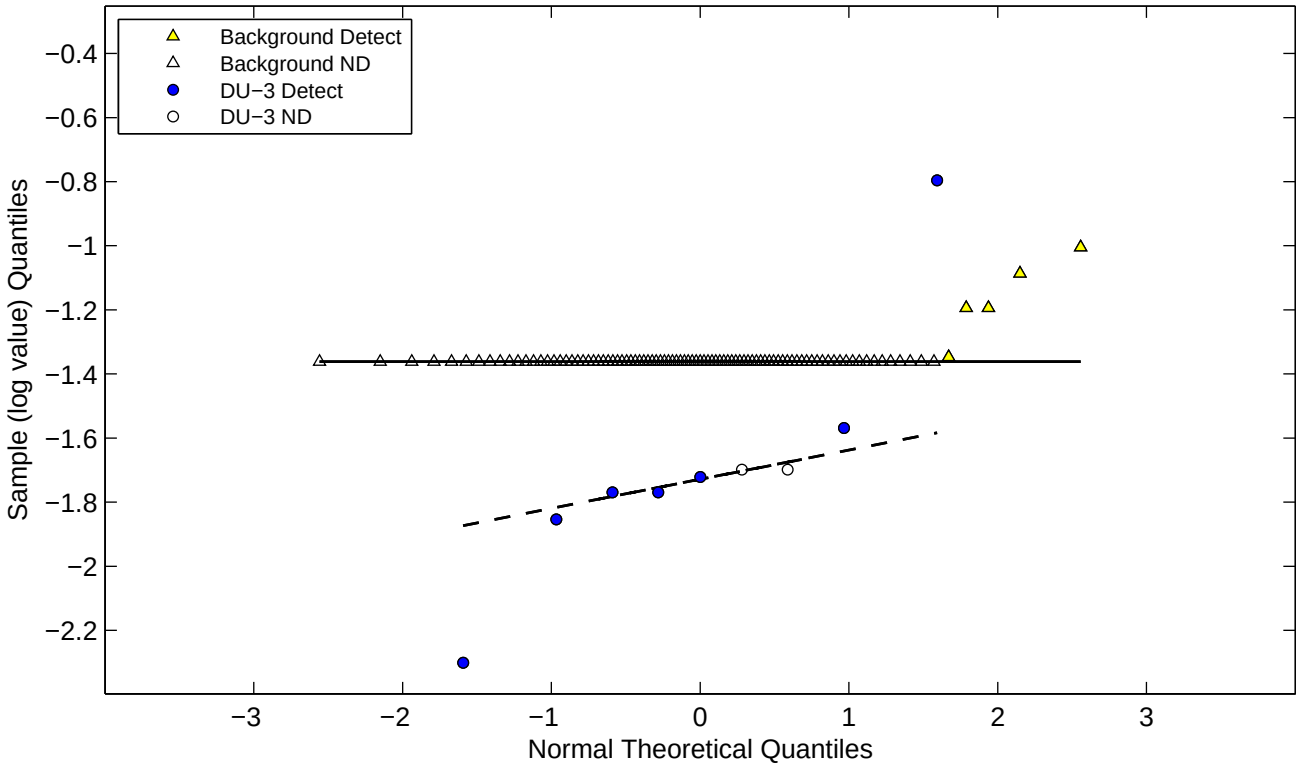
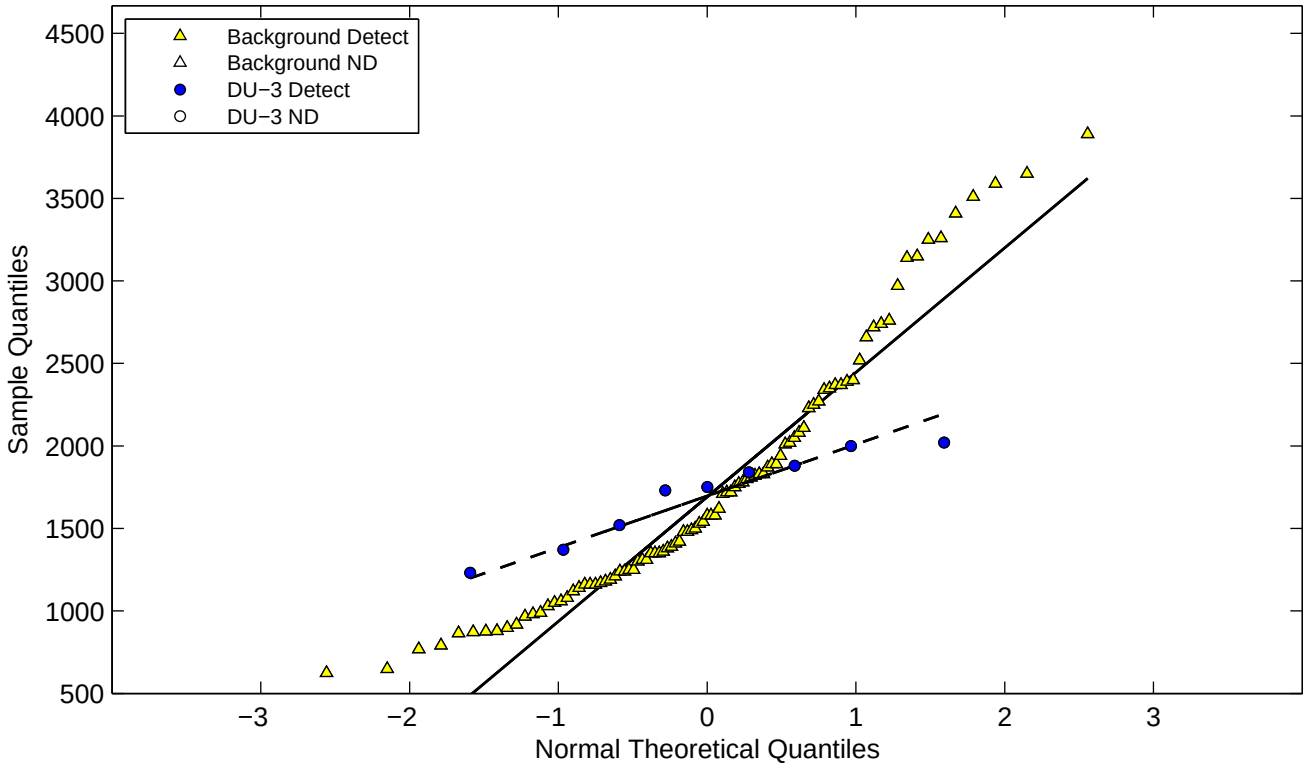


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Potassium



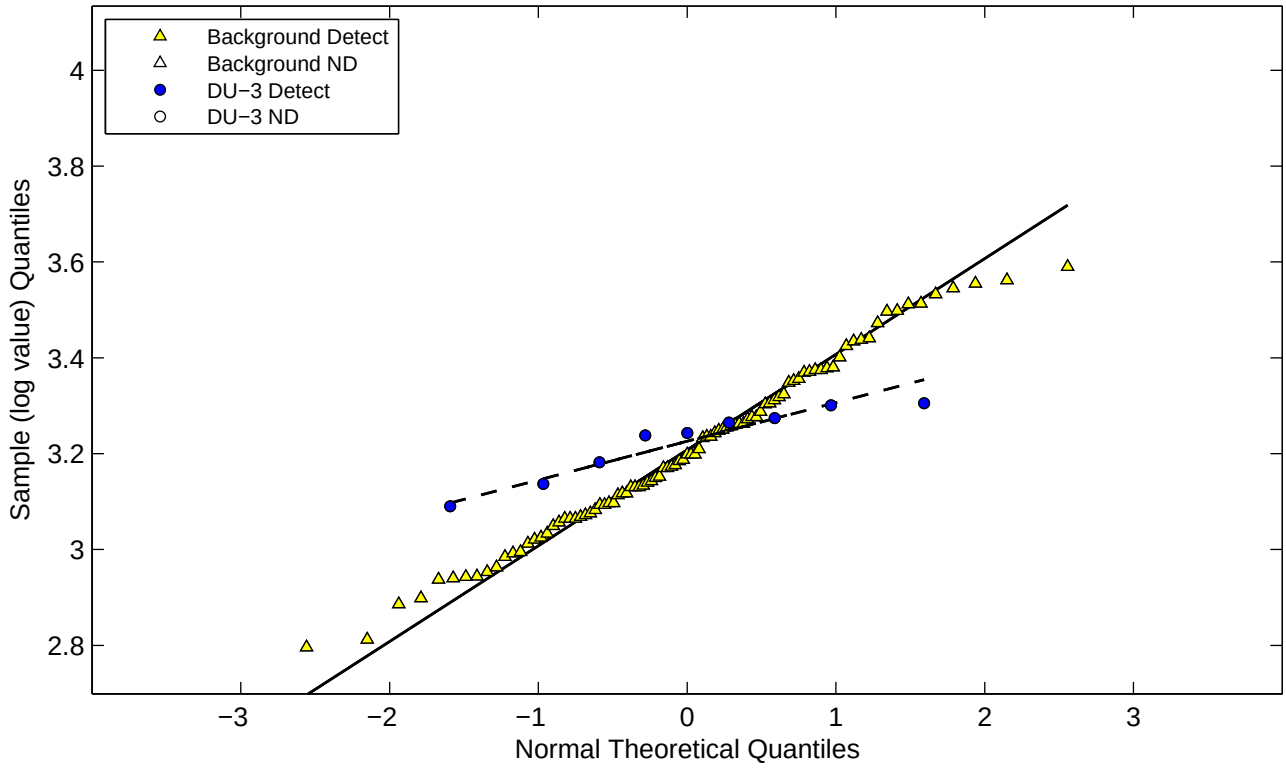
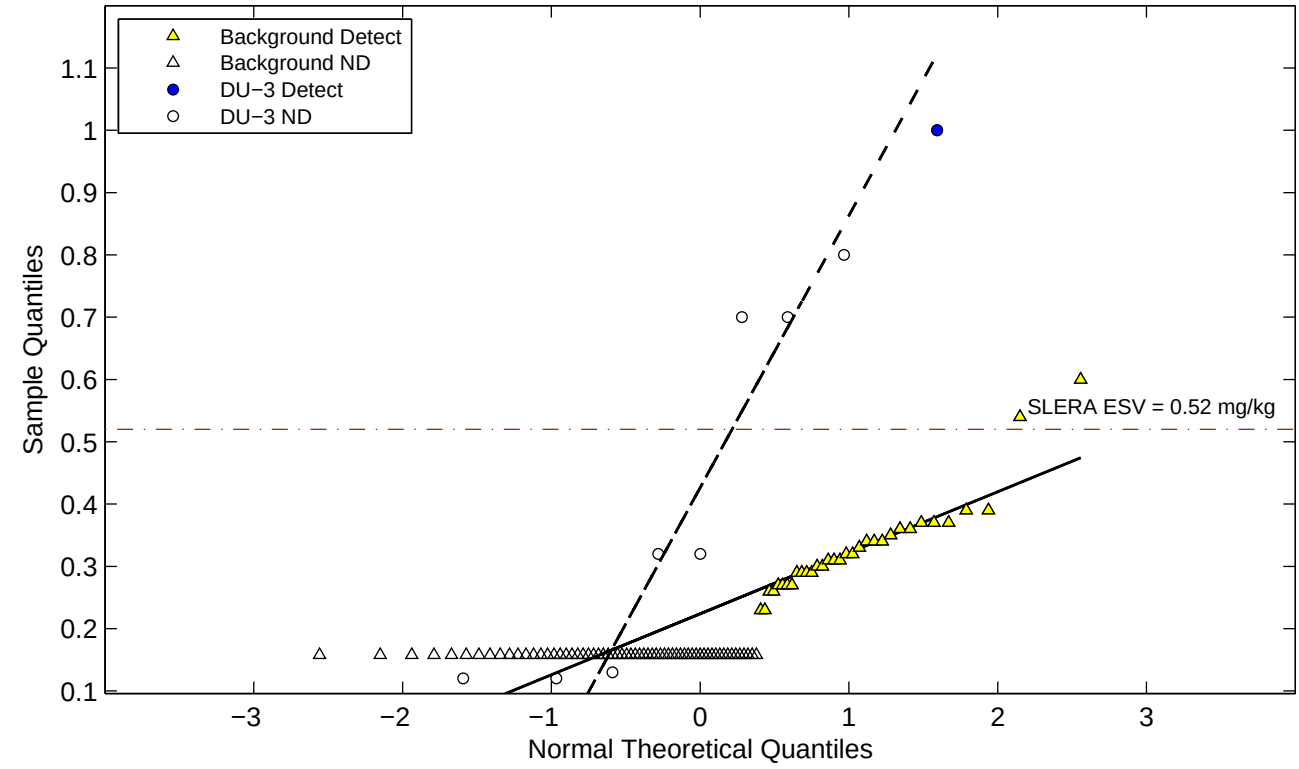


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Selenium



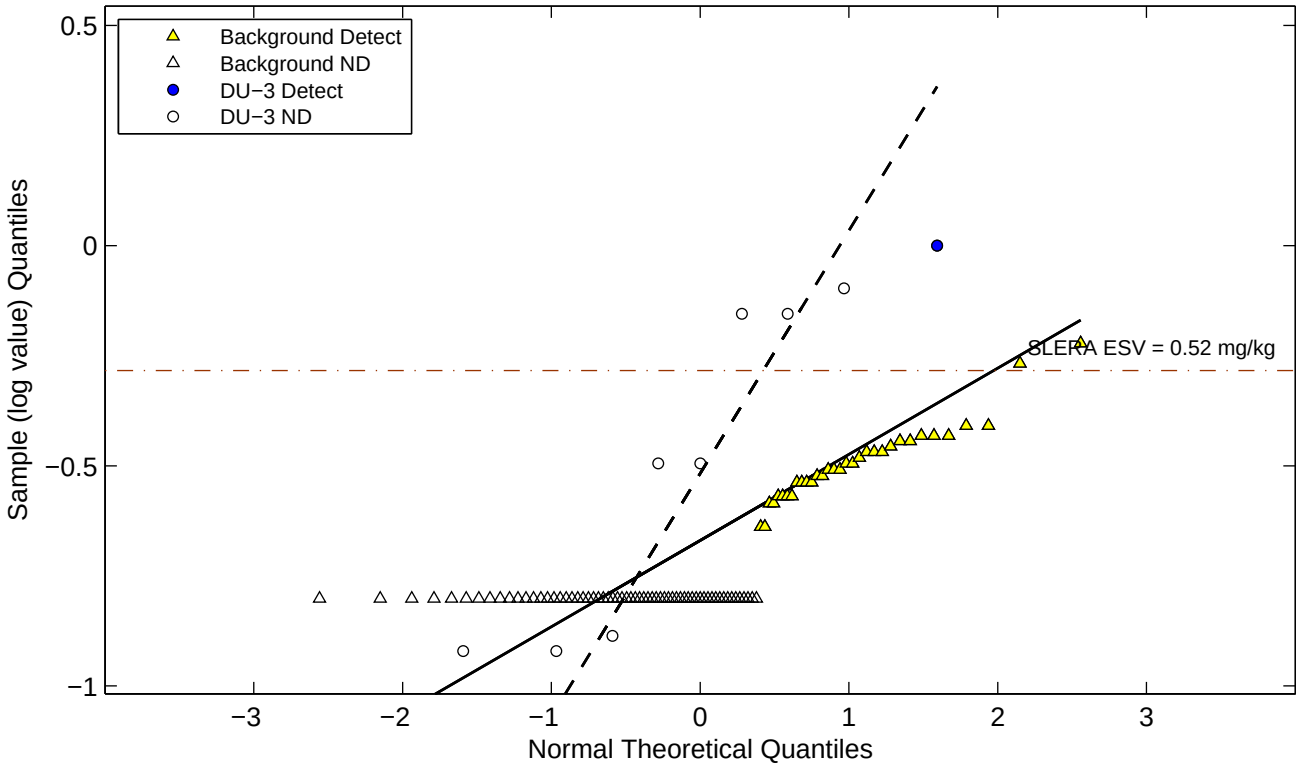
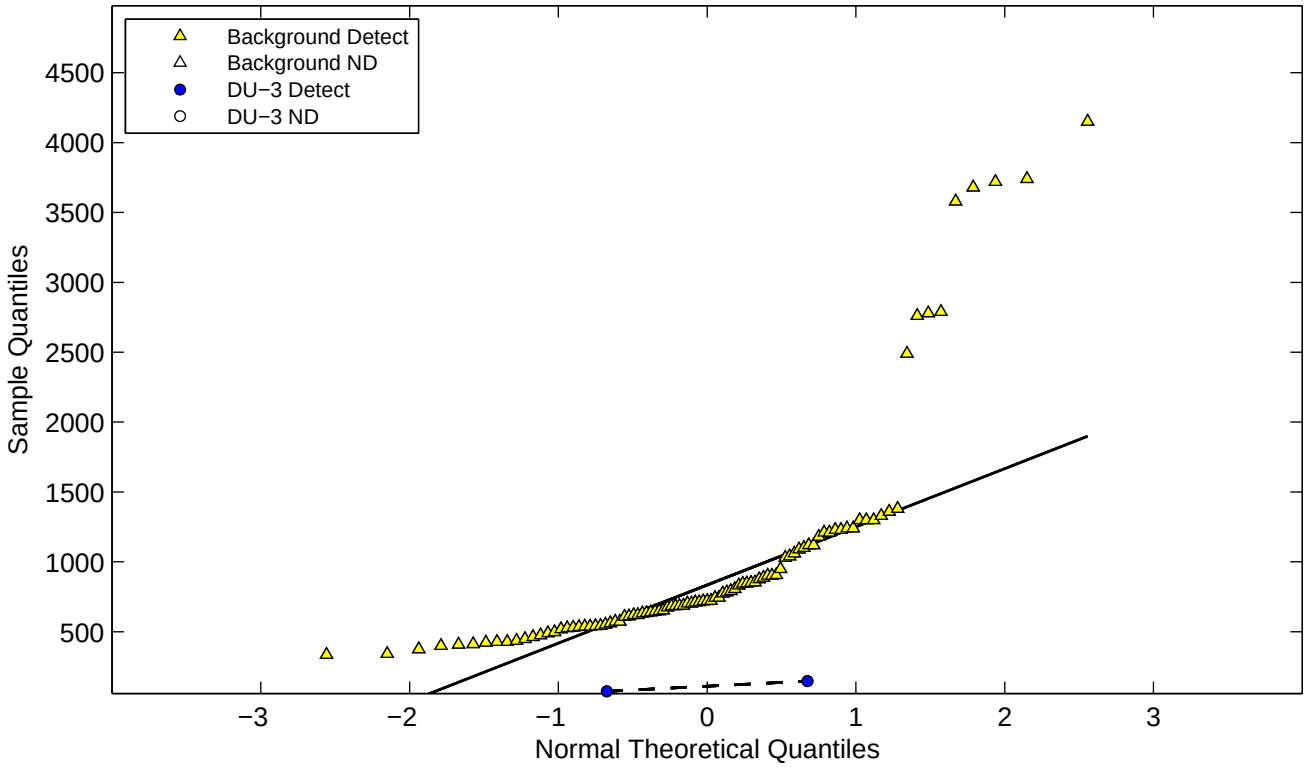


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Silicon



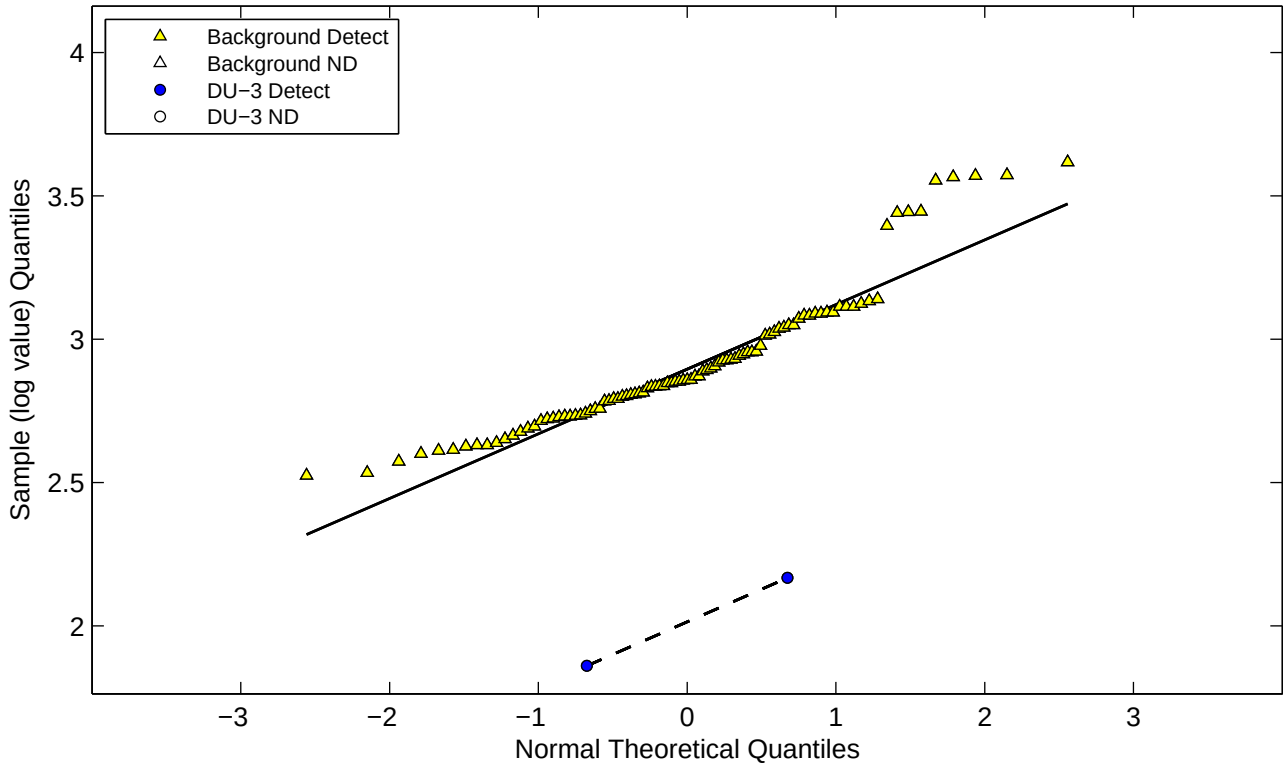
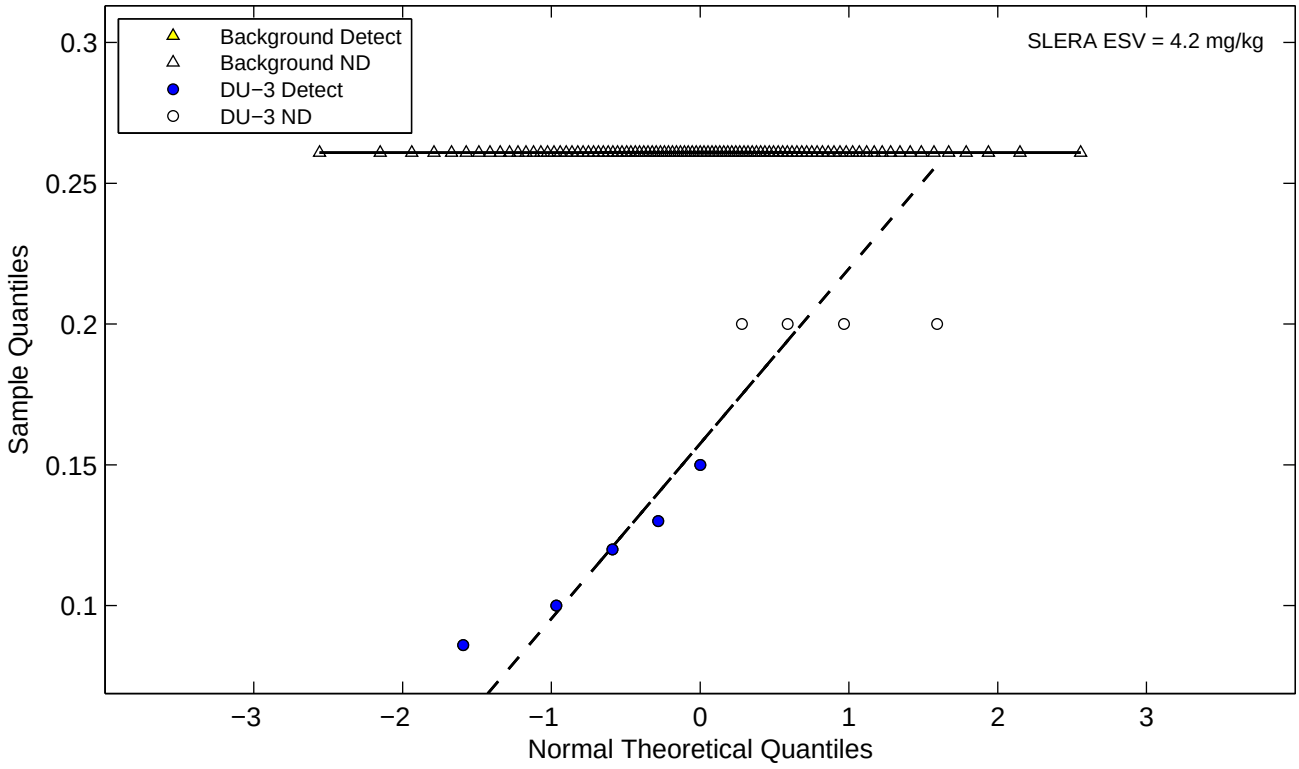


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Silver



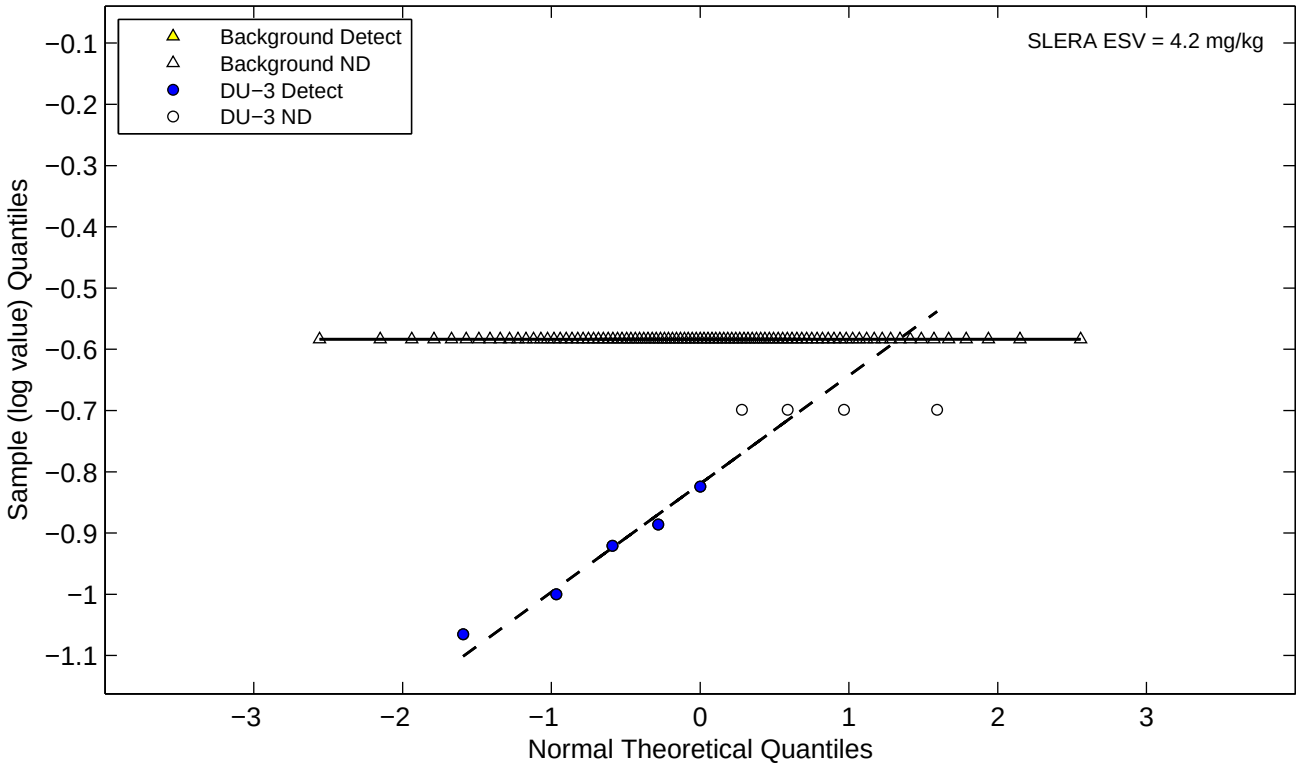
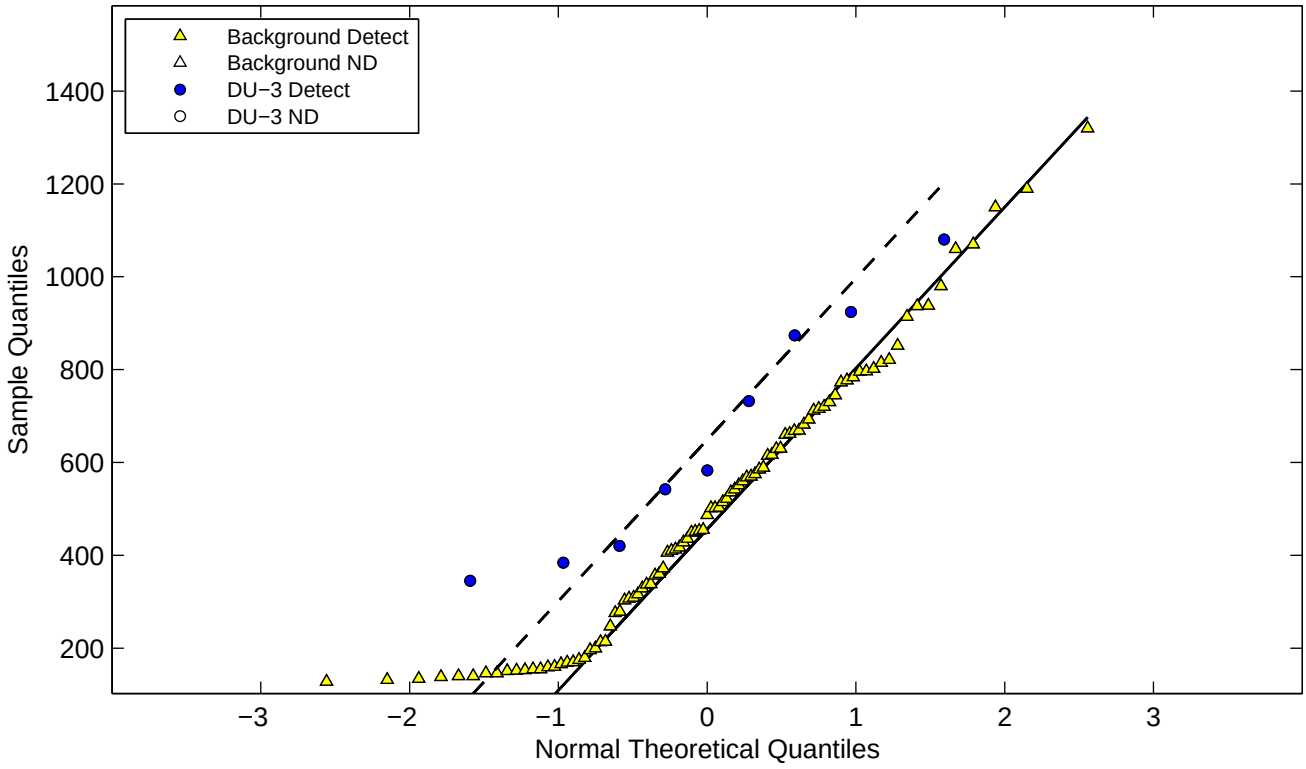


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Sodium



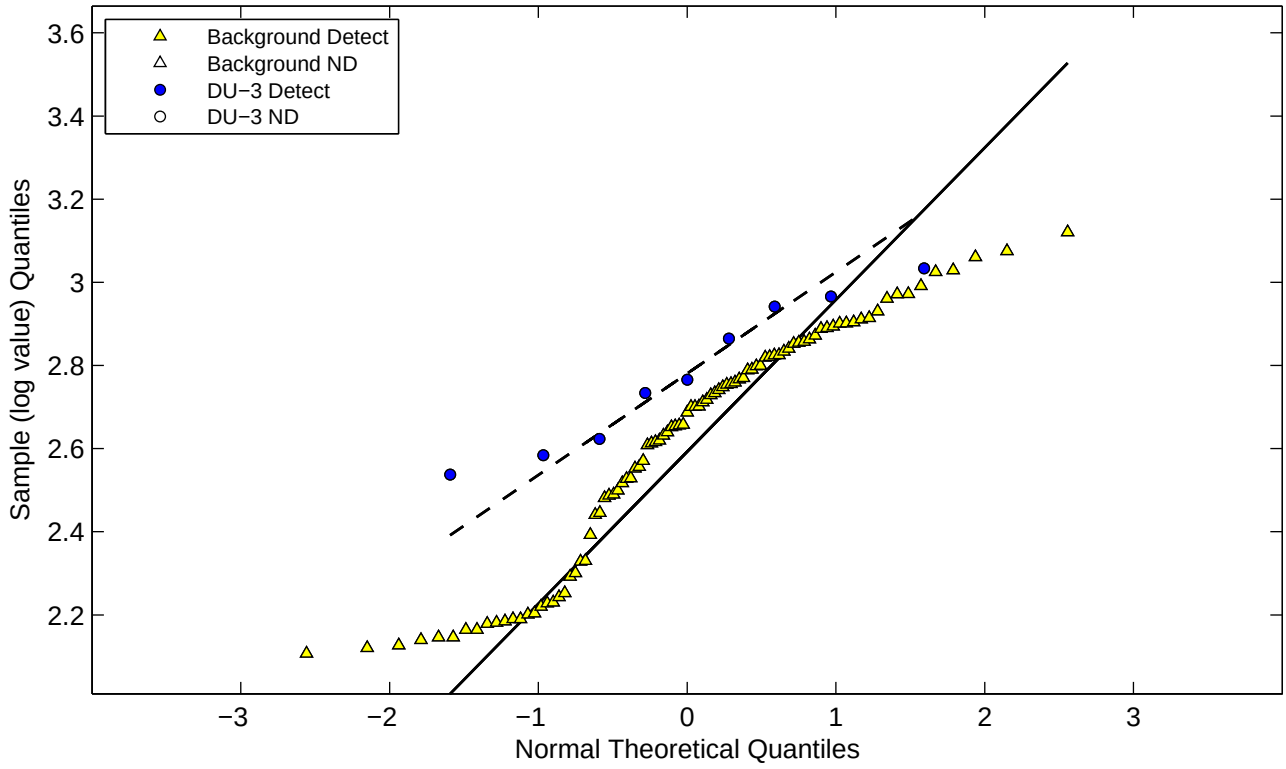
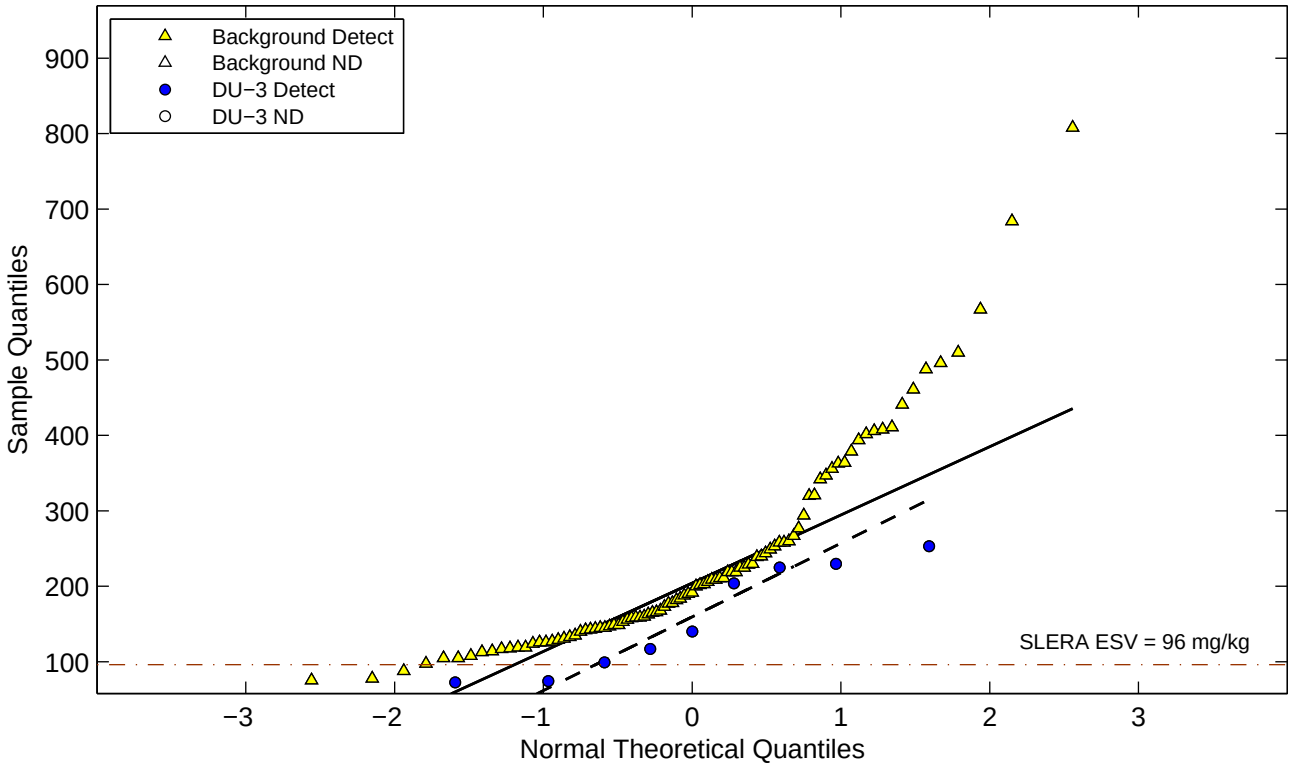


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3) Strontium



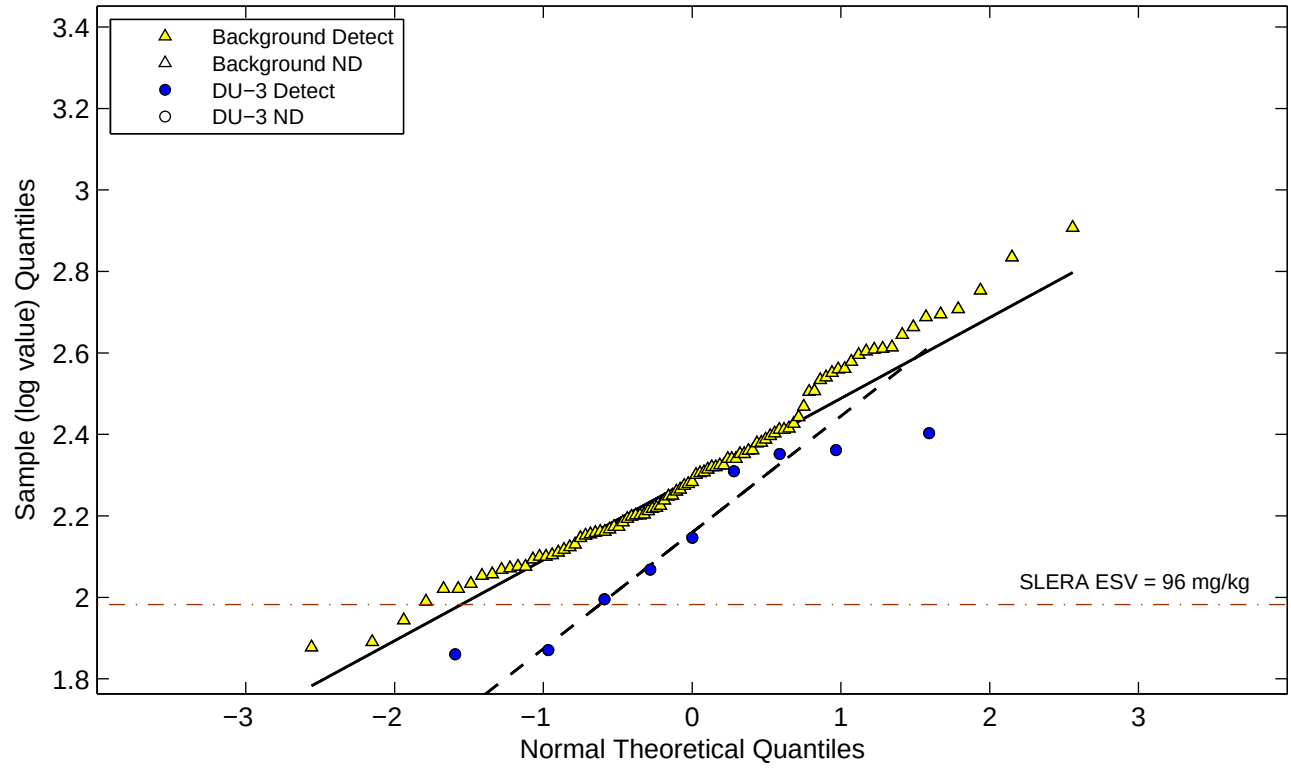
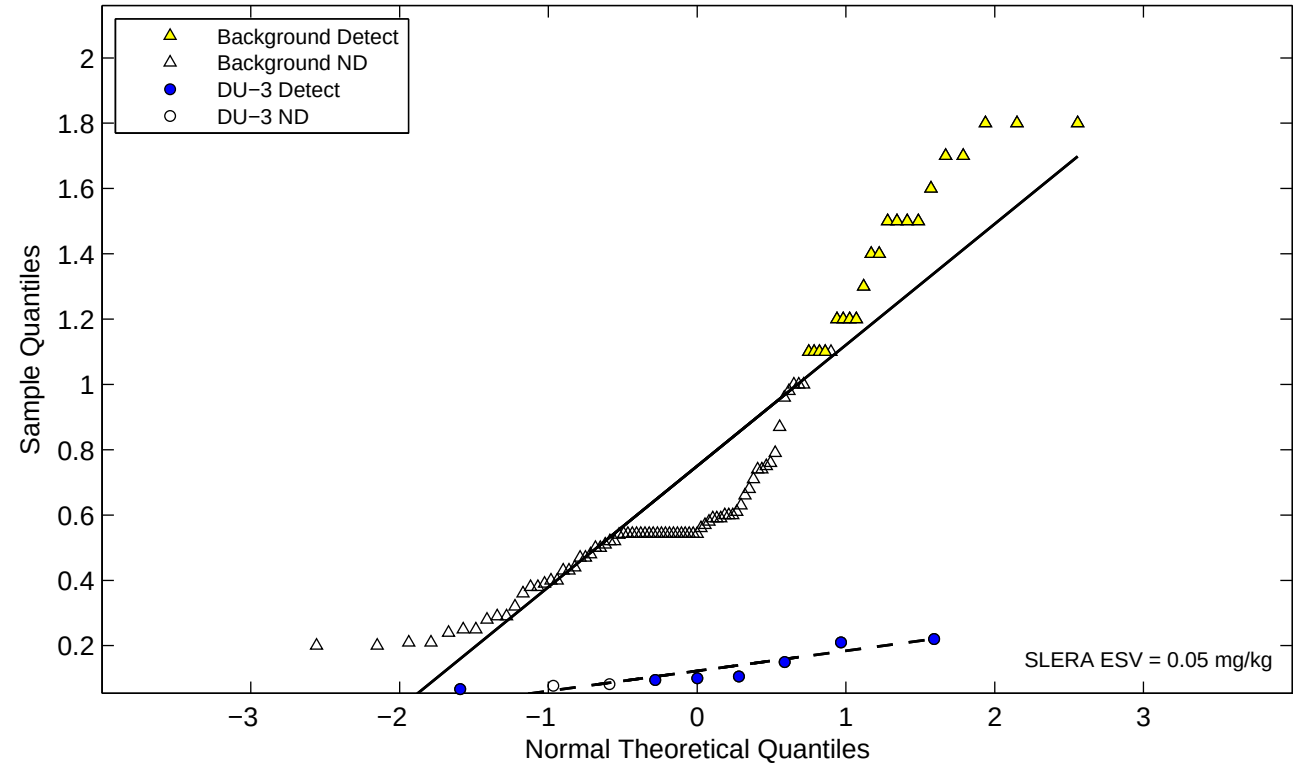


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Thallium



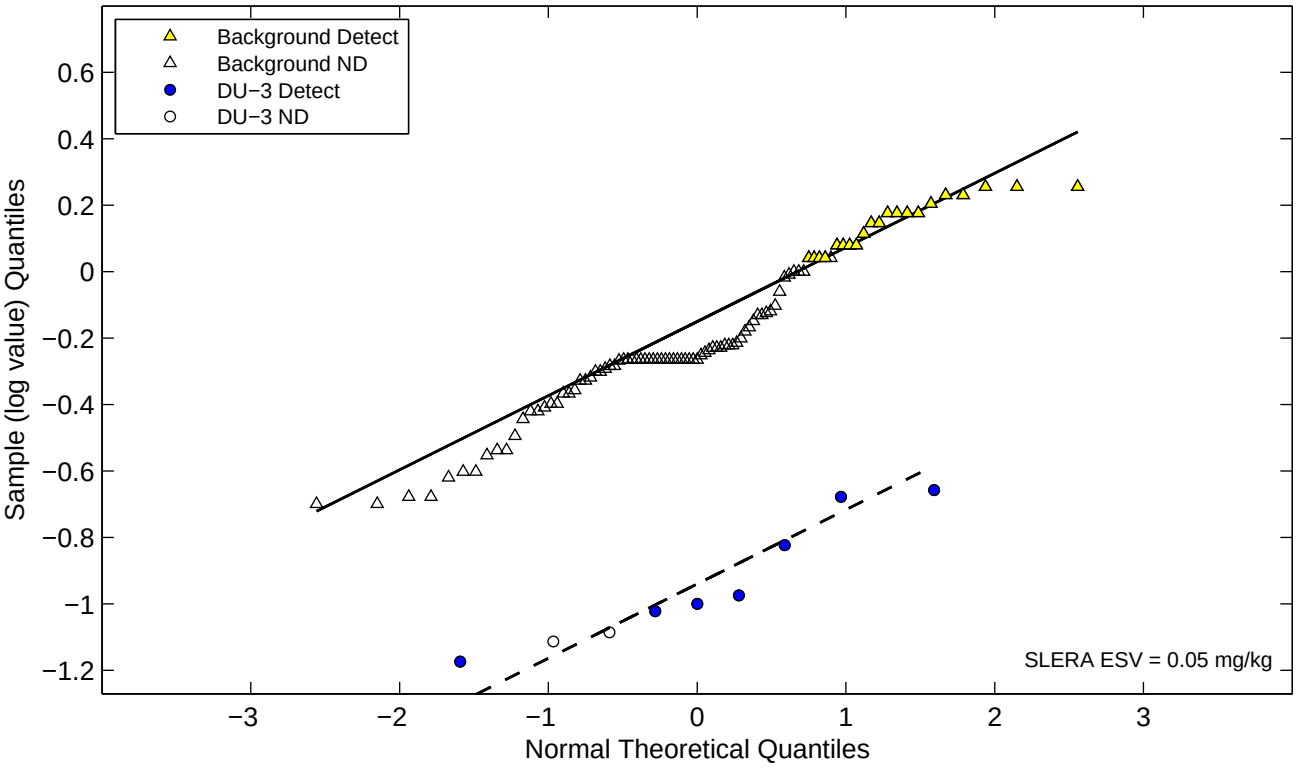
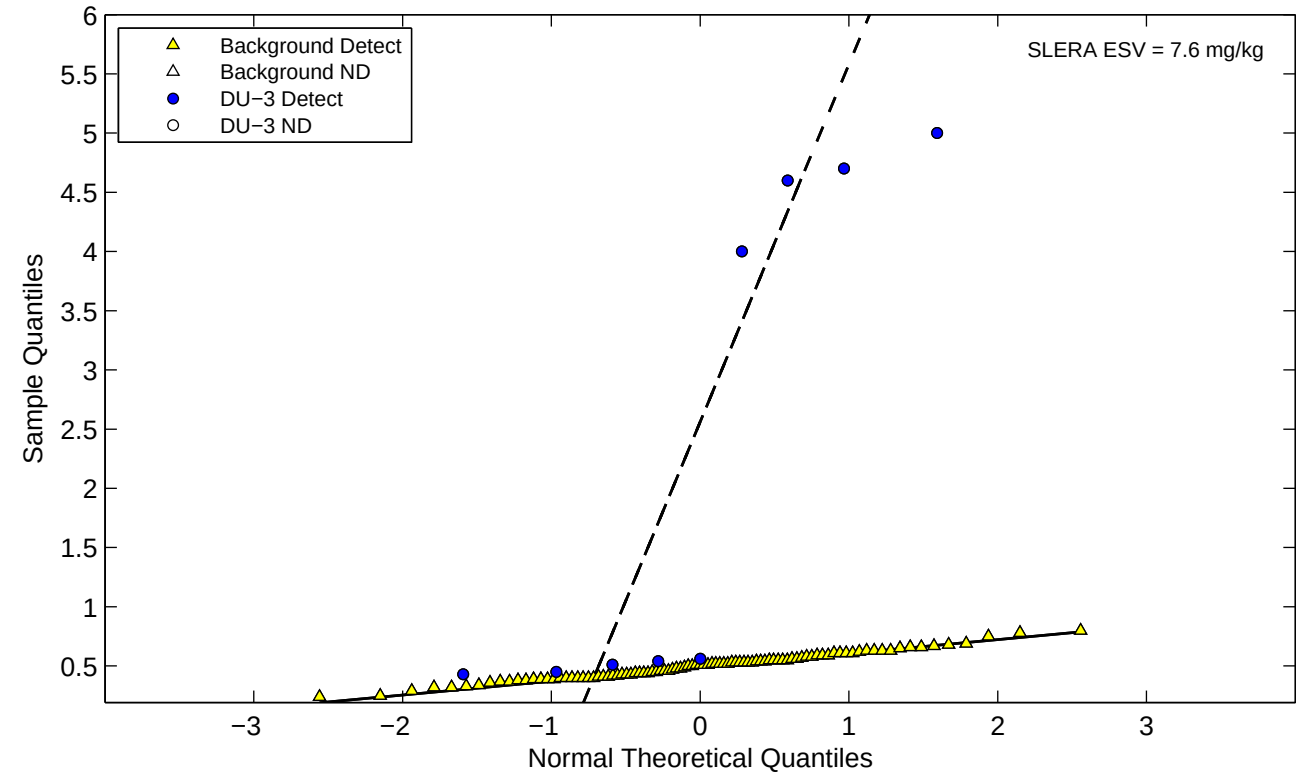


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Tin



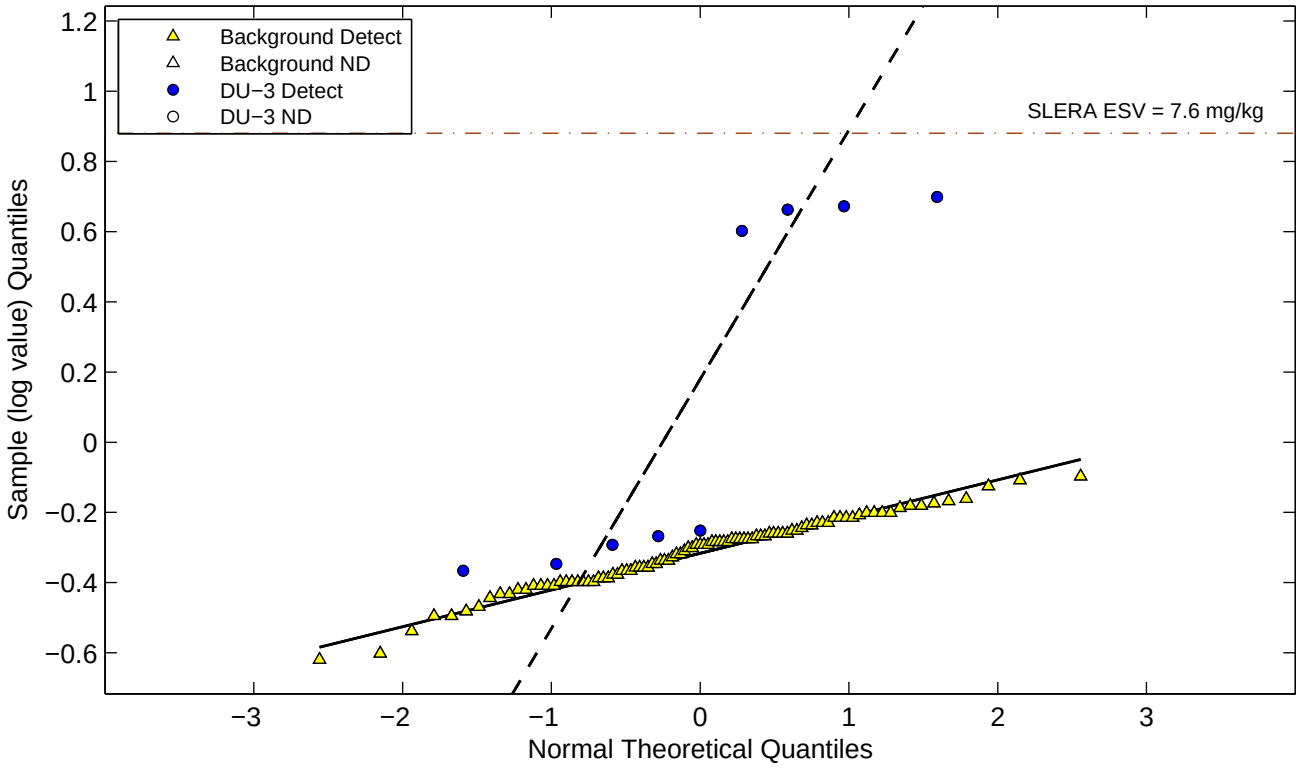
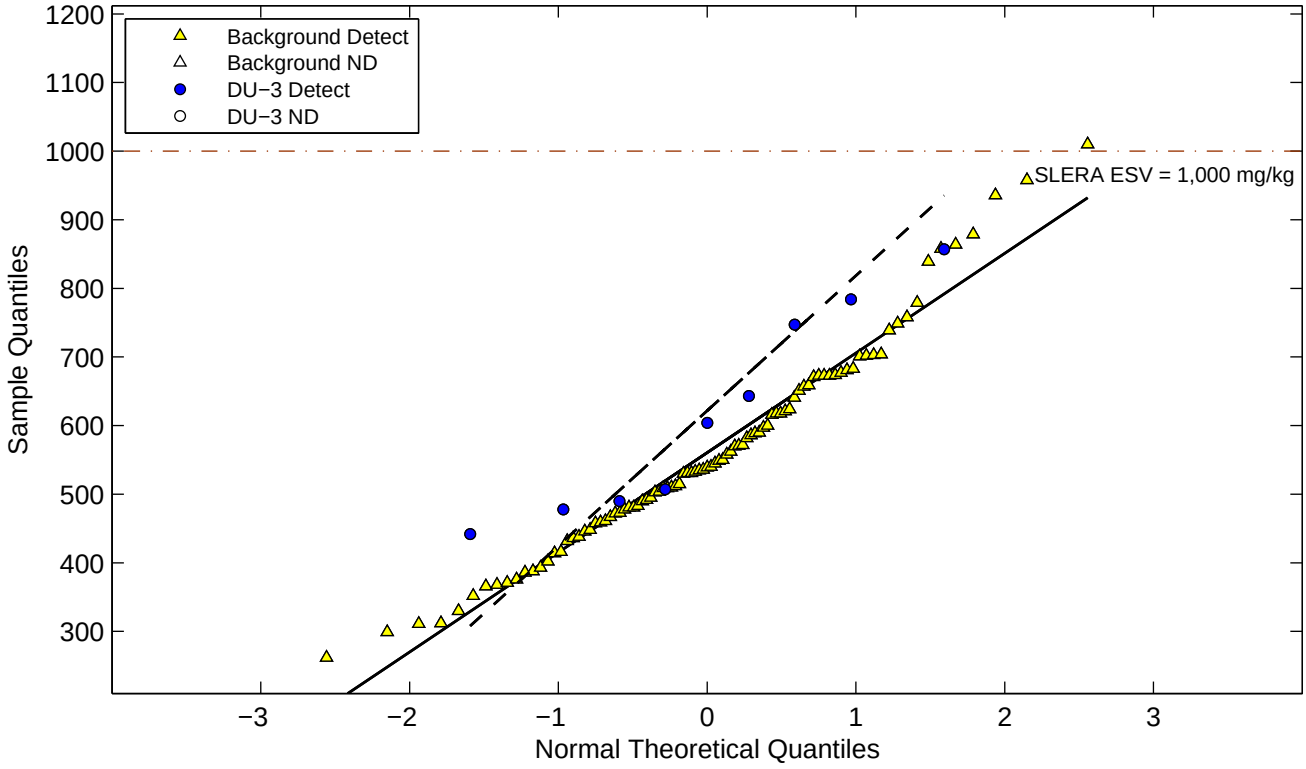


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Titanium



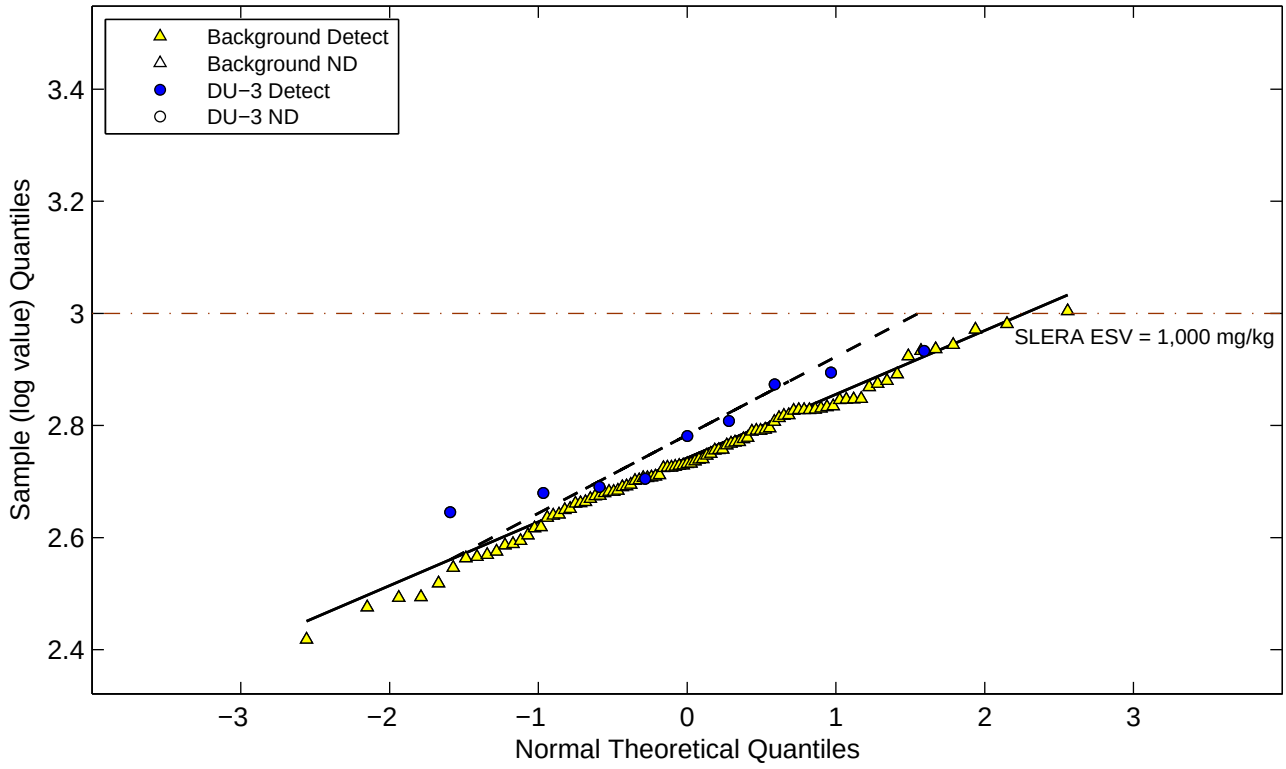
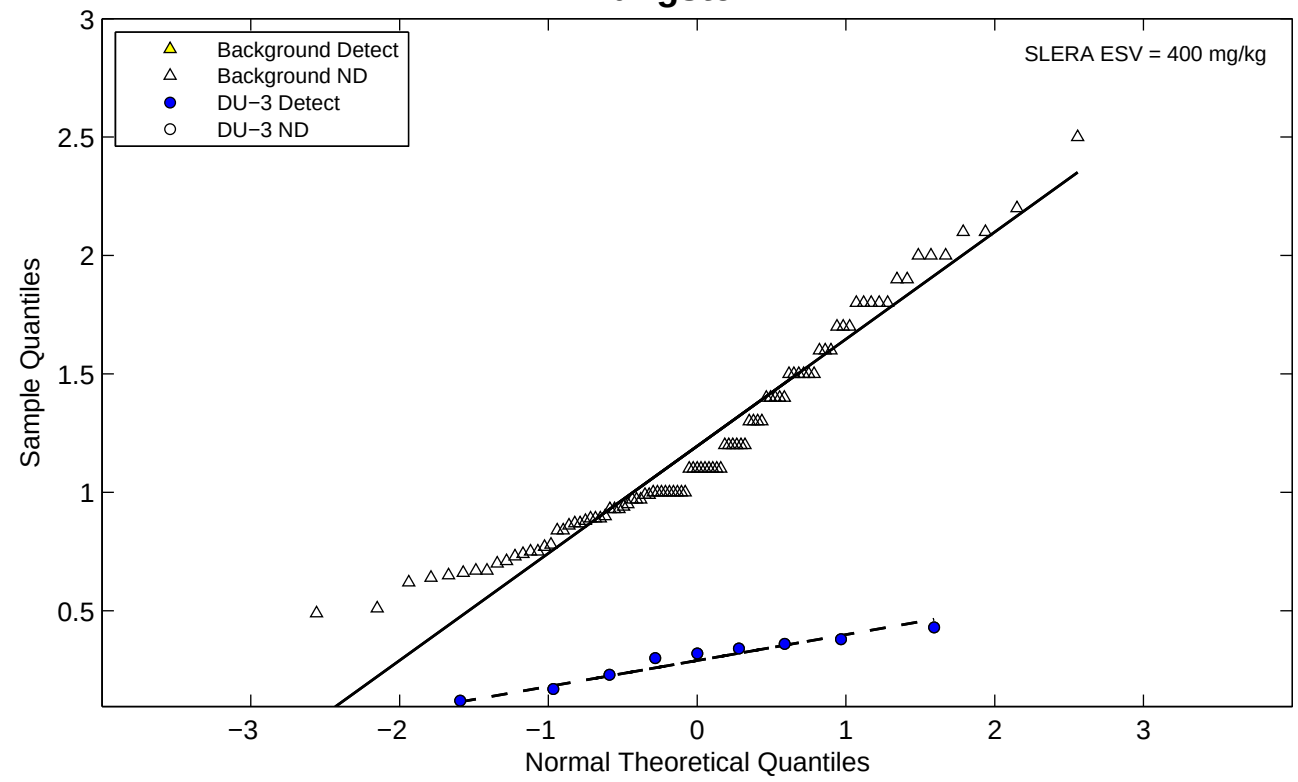


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Tungsten



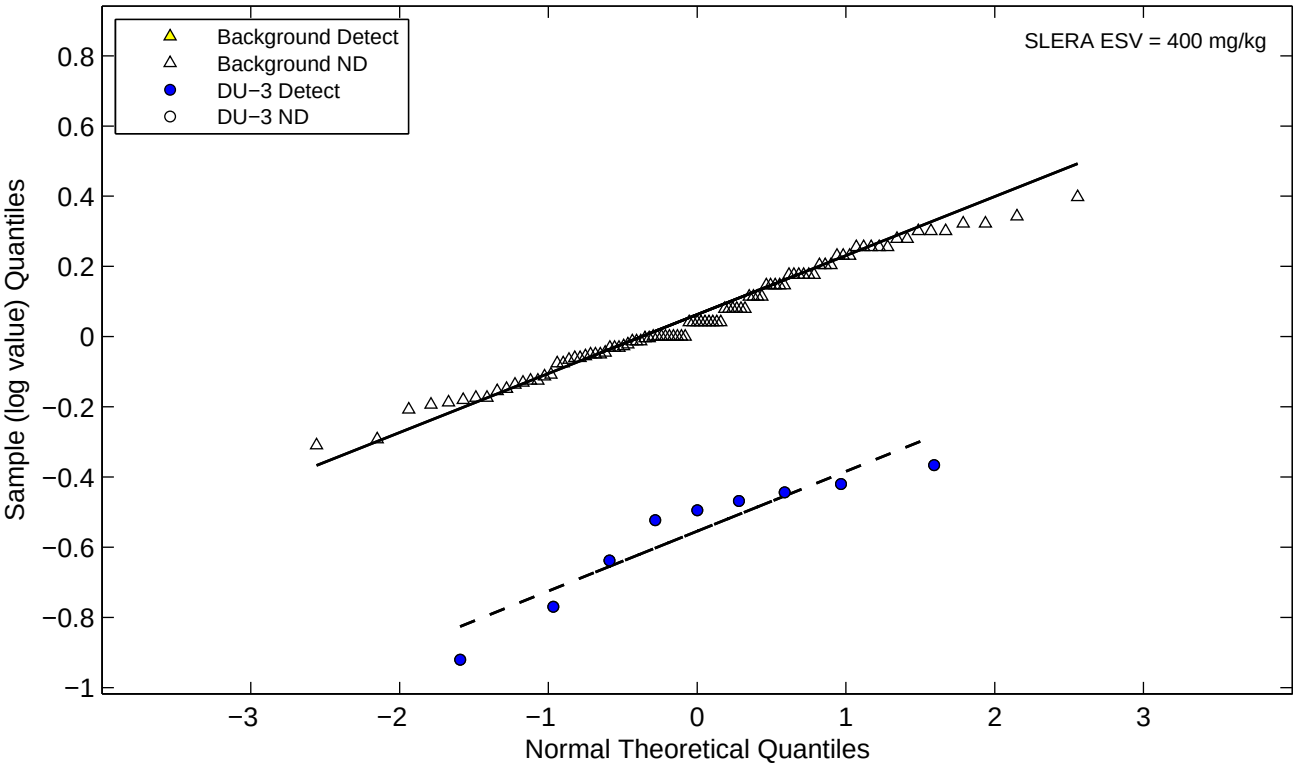
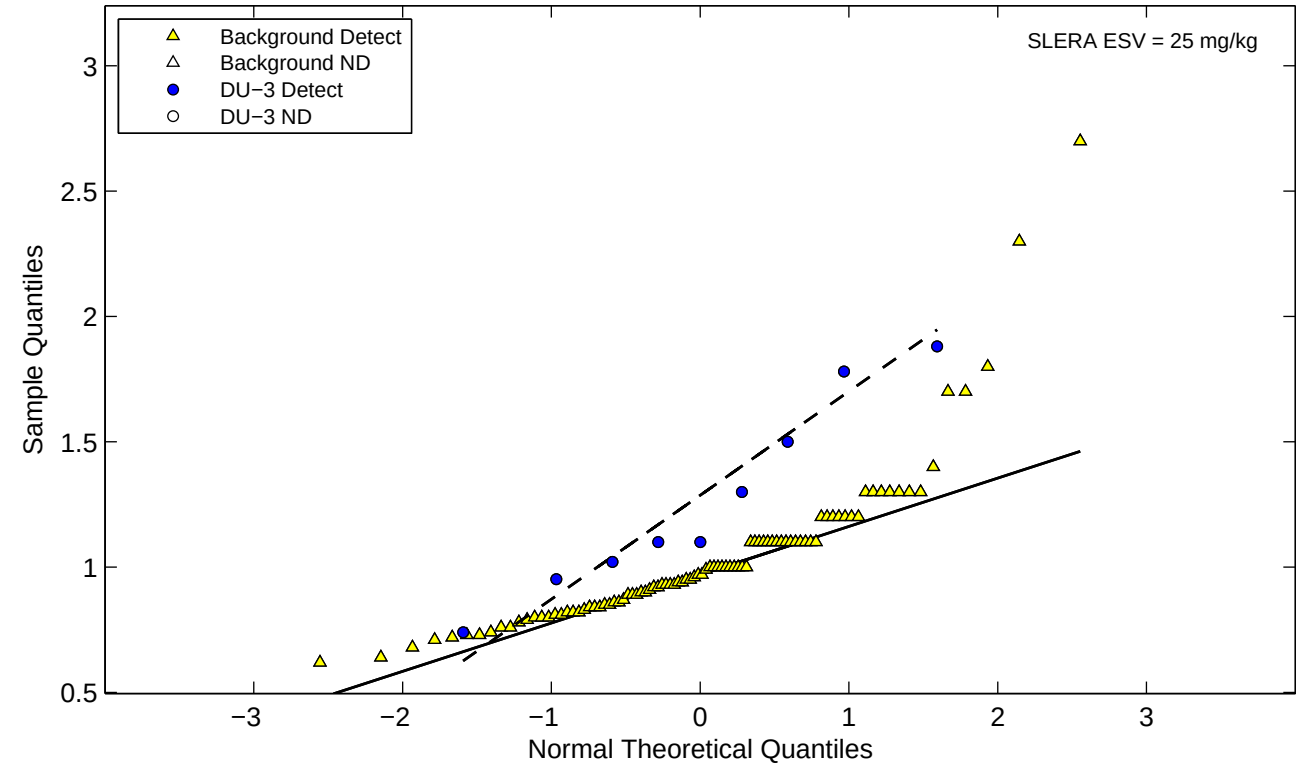


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Uranium (total)



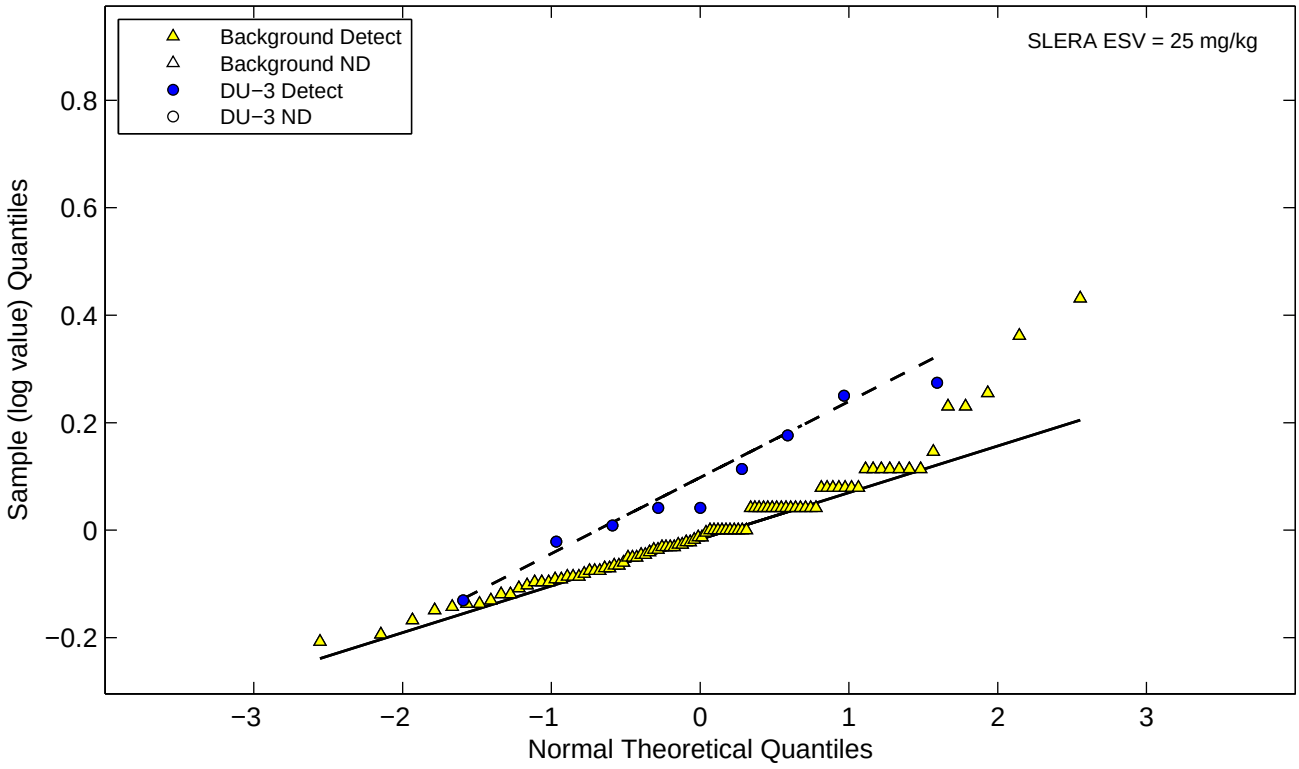
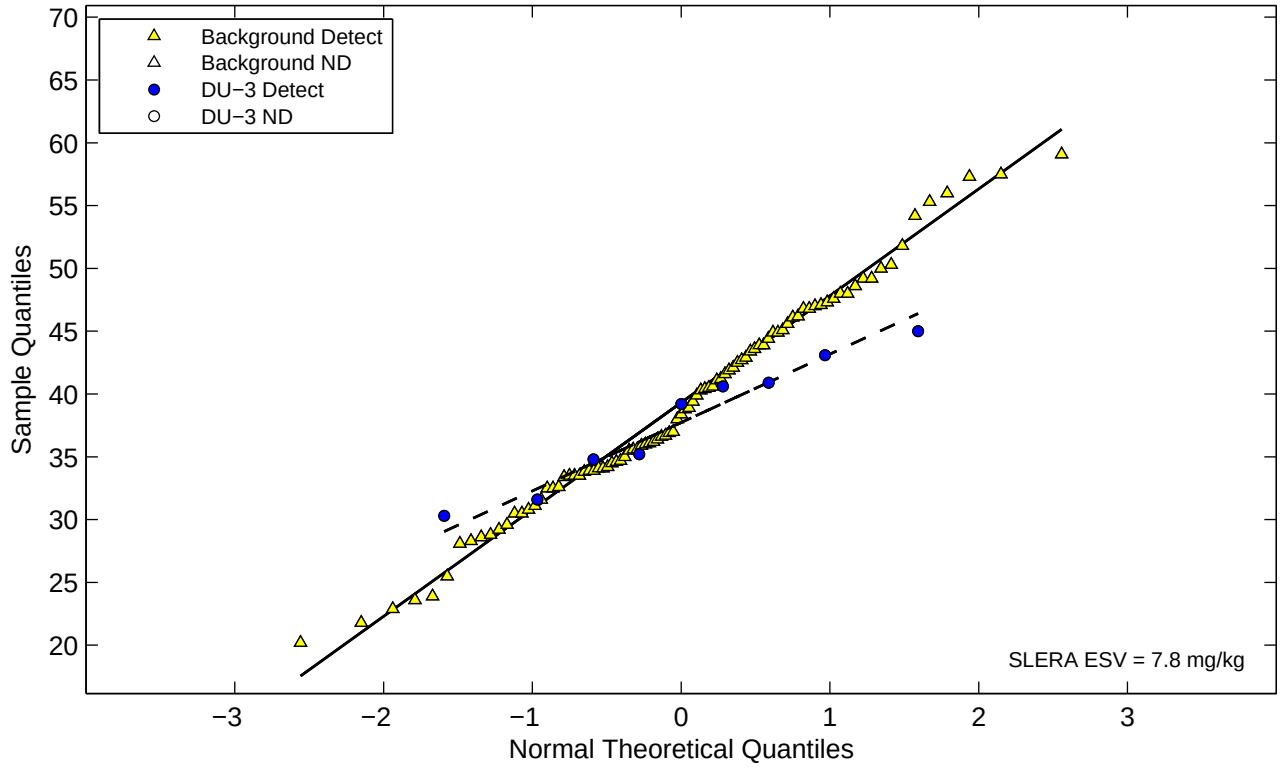


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Vanadium



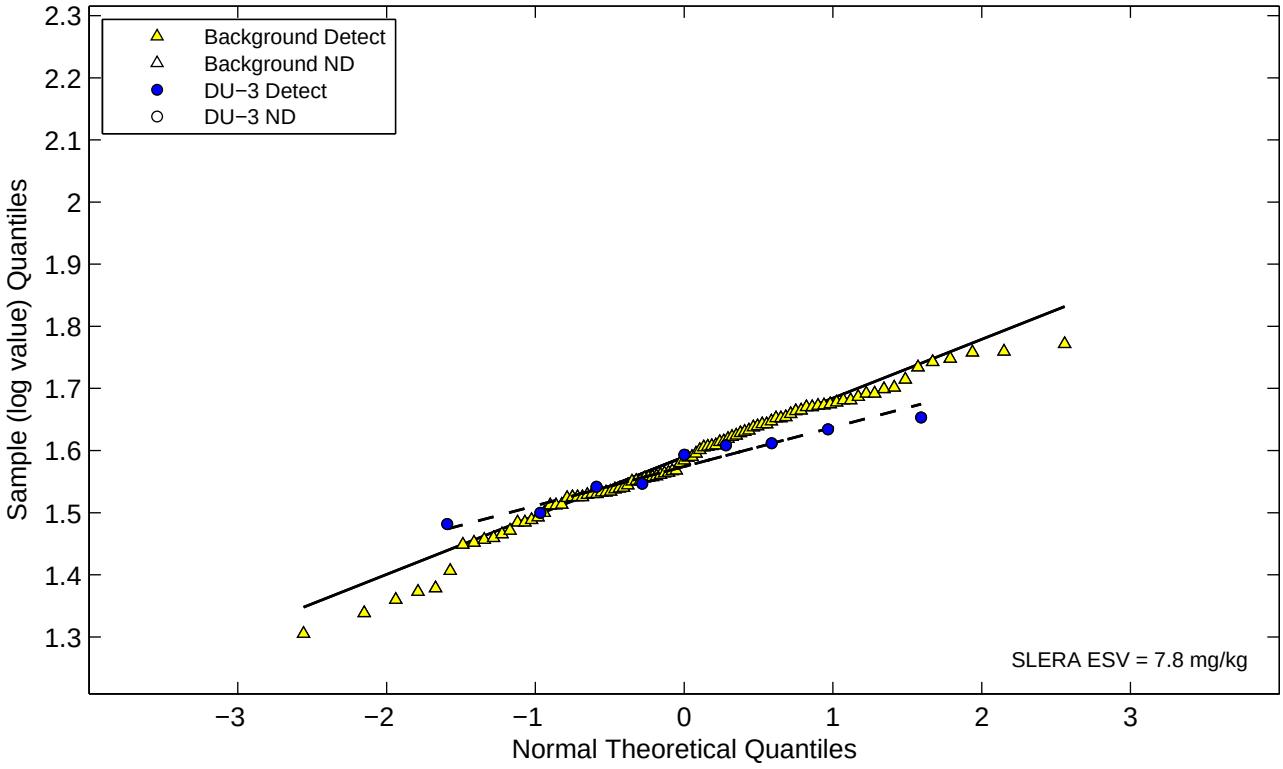
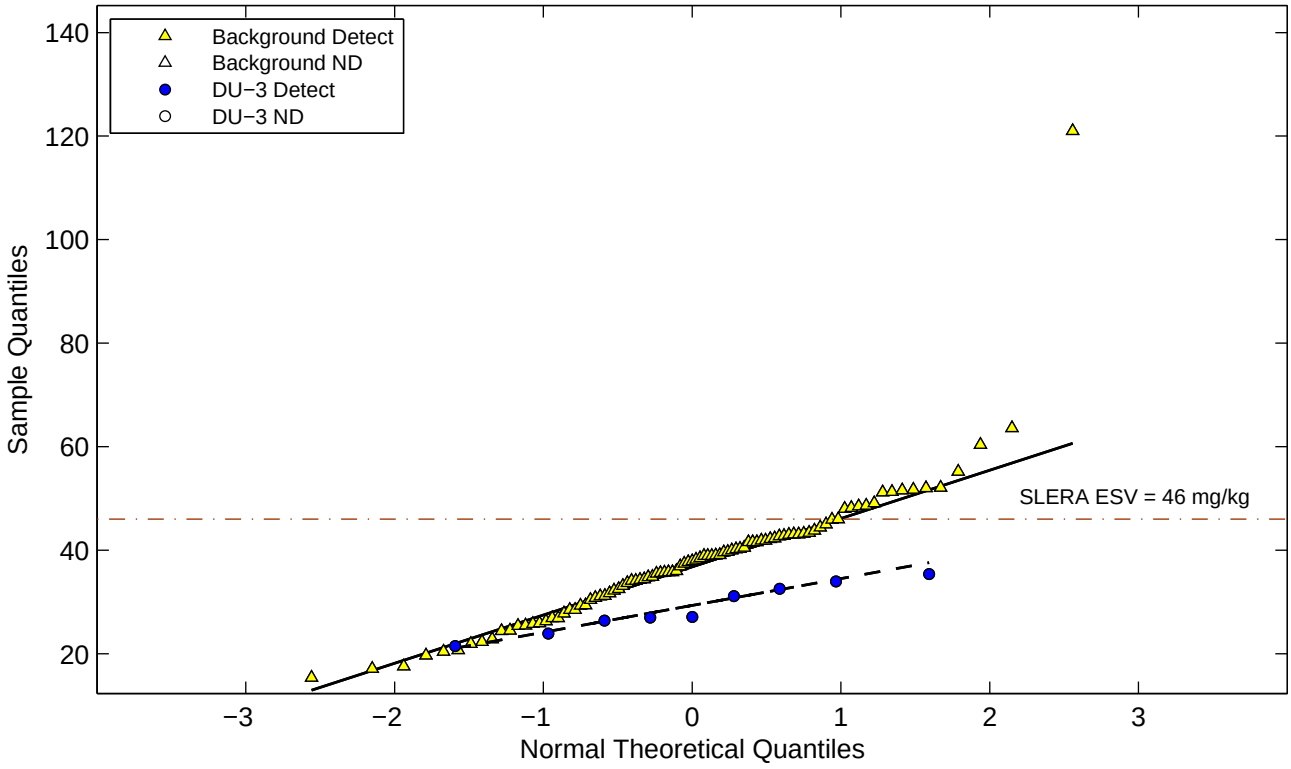


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Zinc



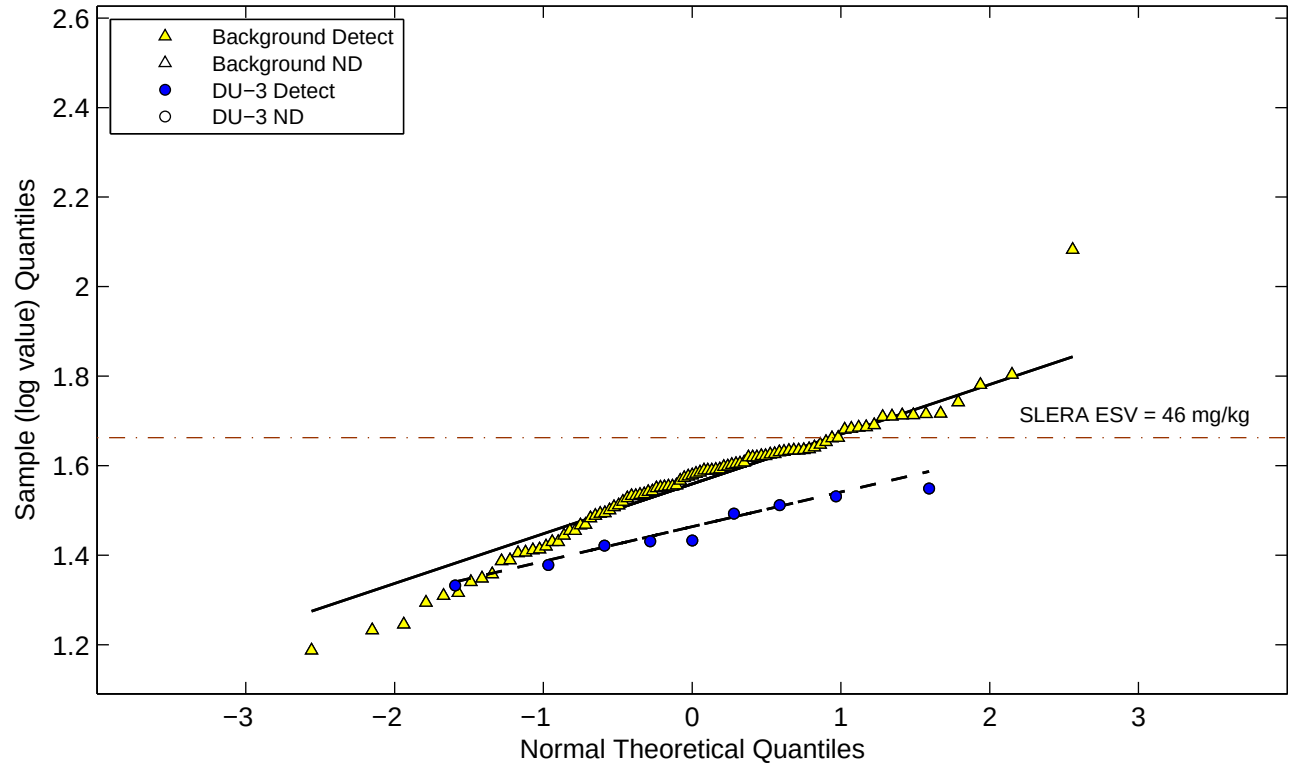
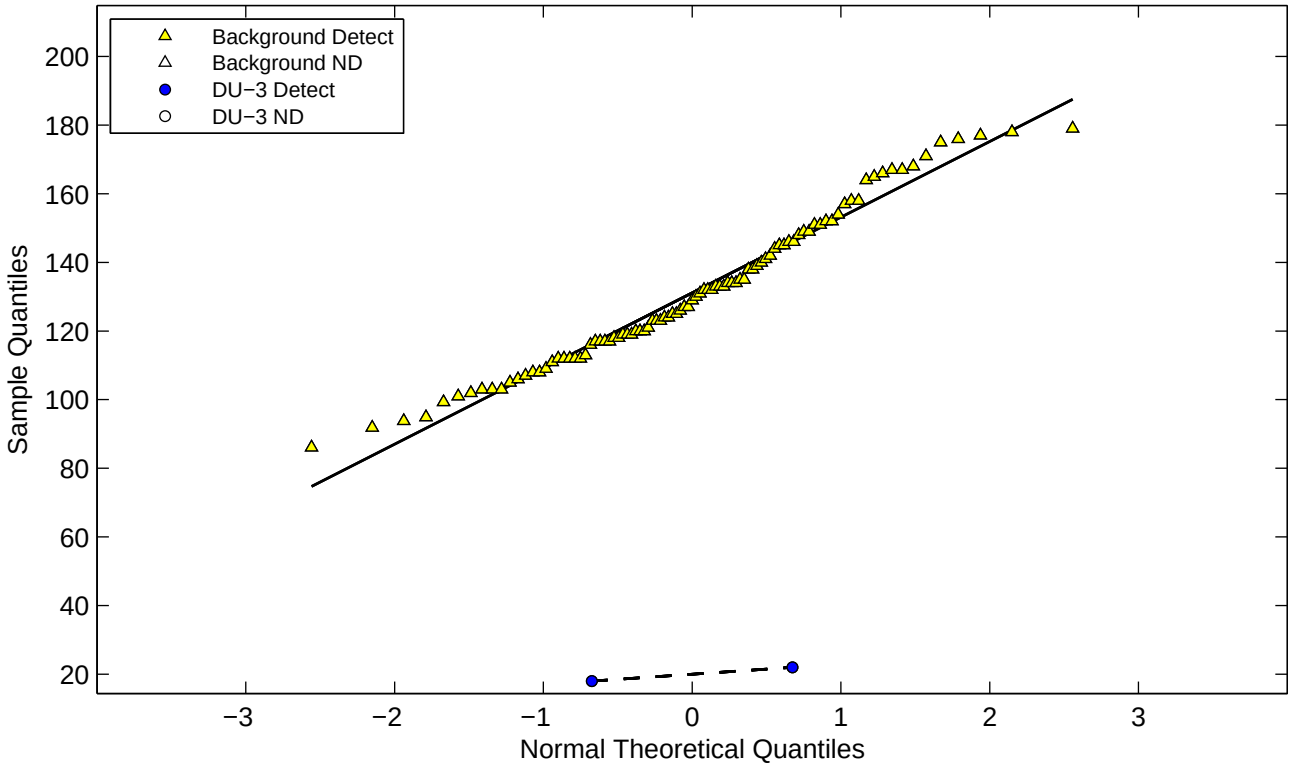


Figure E−2i. Normal and Lognormal Q−Q Plots for Metals (Eco DU−3)
Zirconium



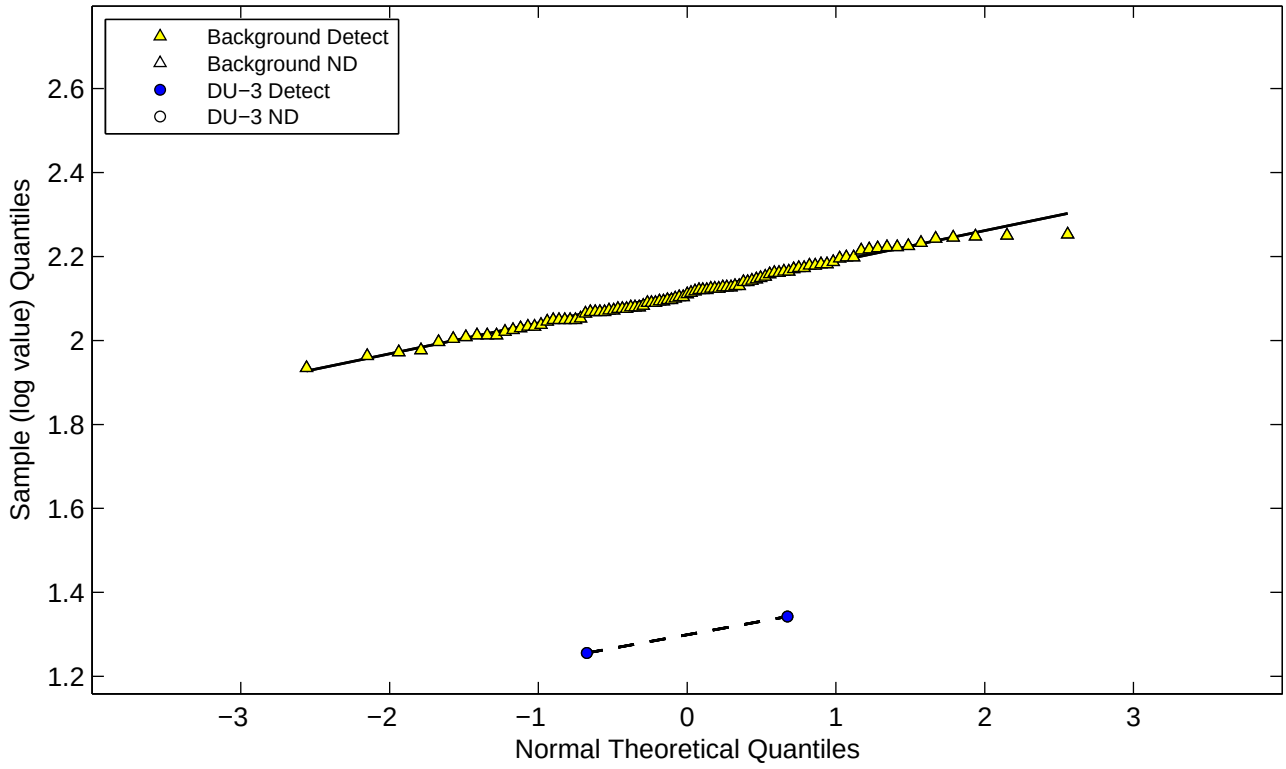
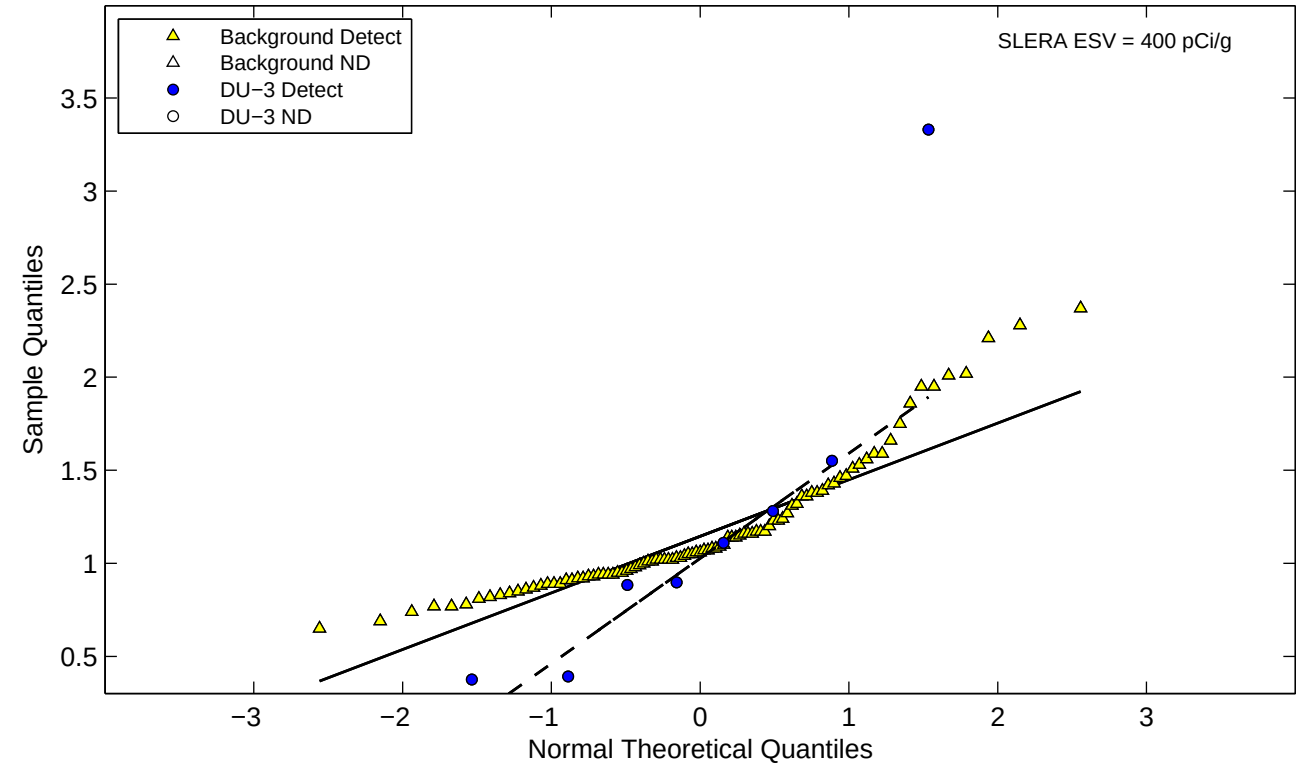


Figure E−2j. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−3)
Uranium−238



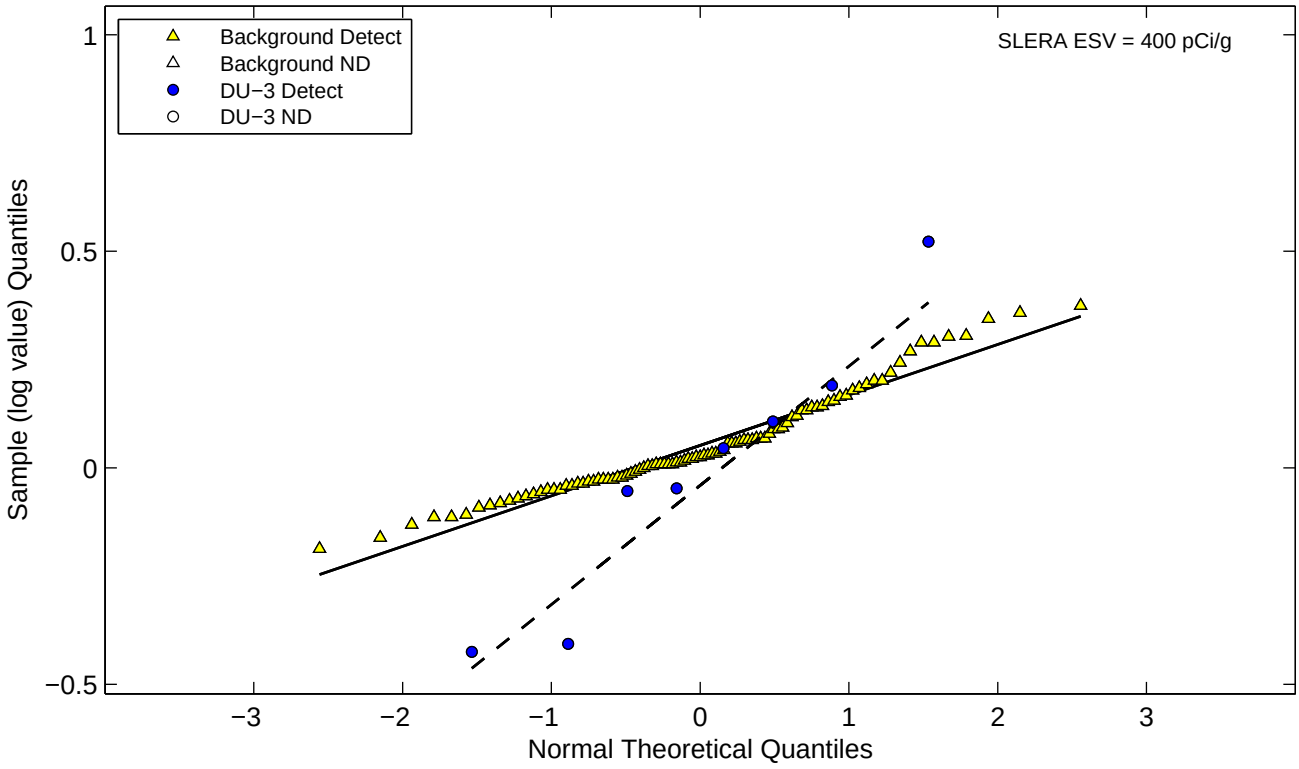
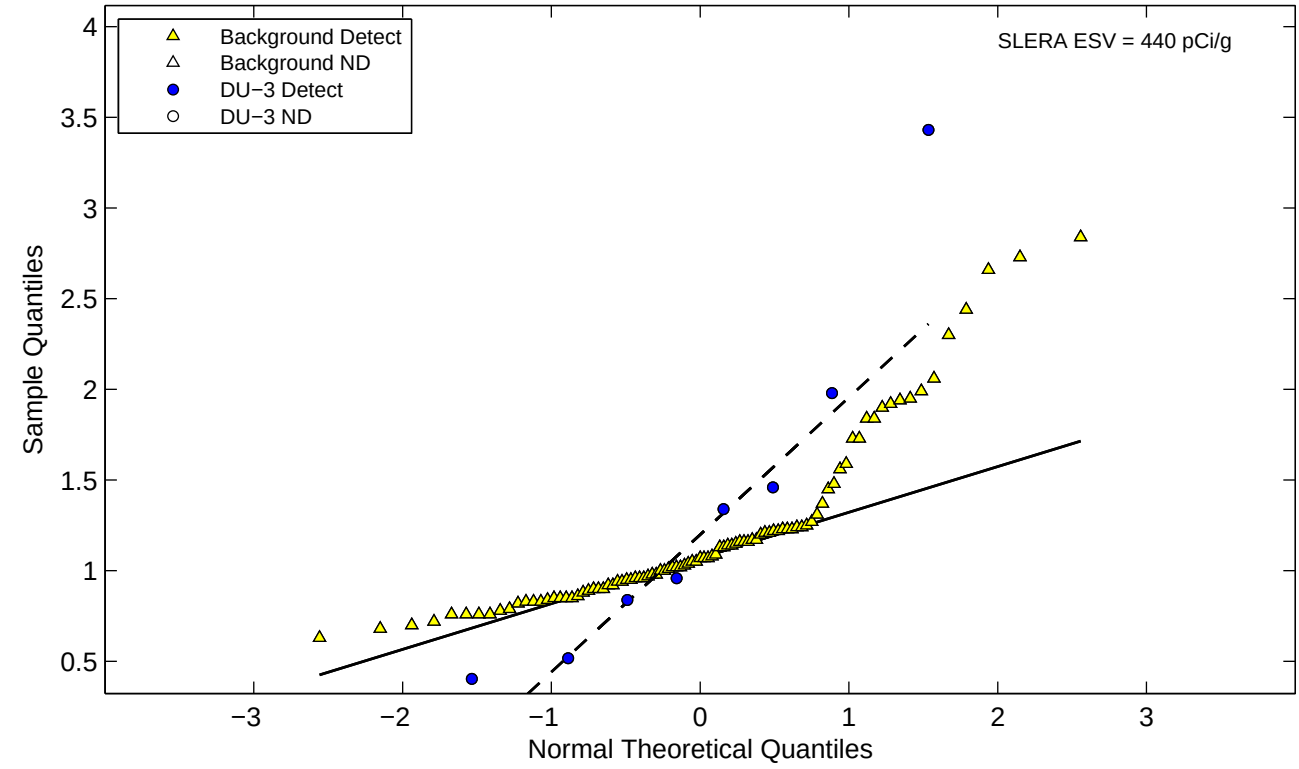


Figure E−2j. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−3)
Uranium−234



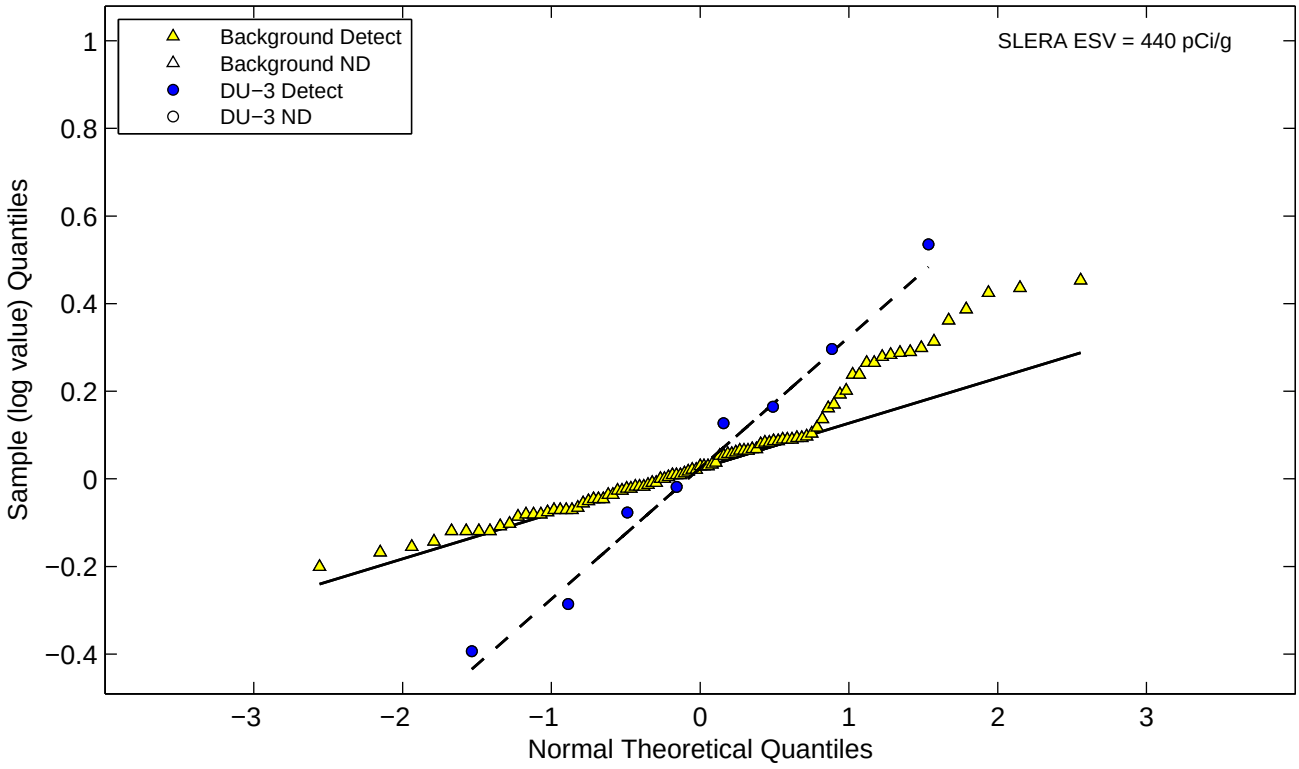
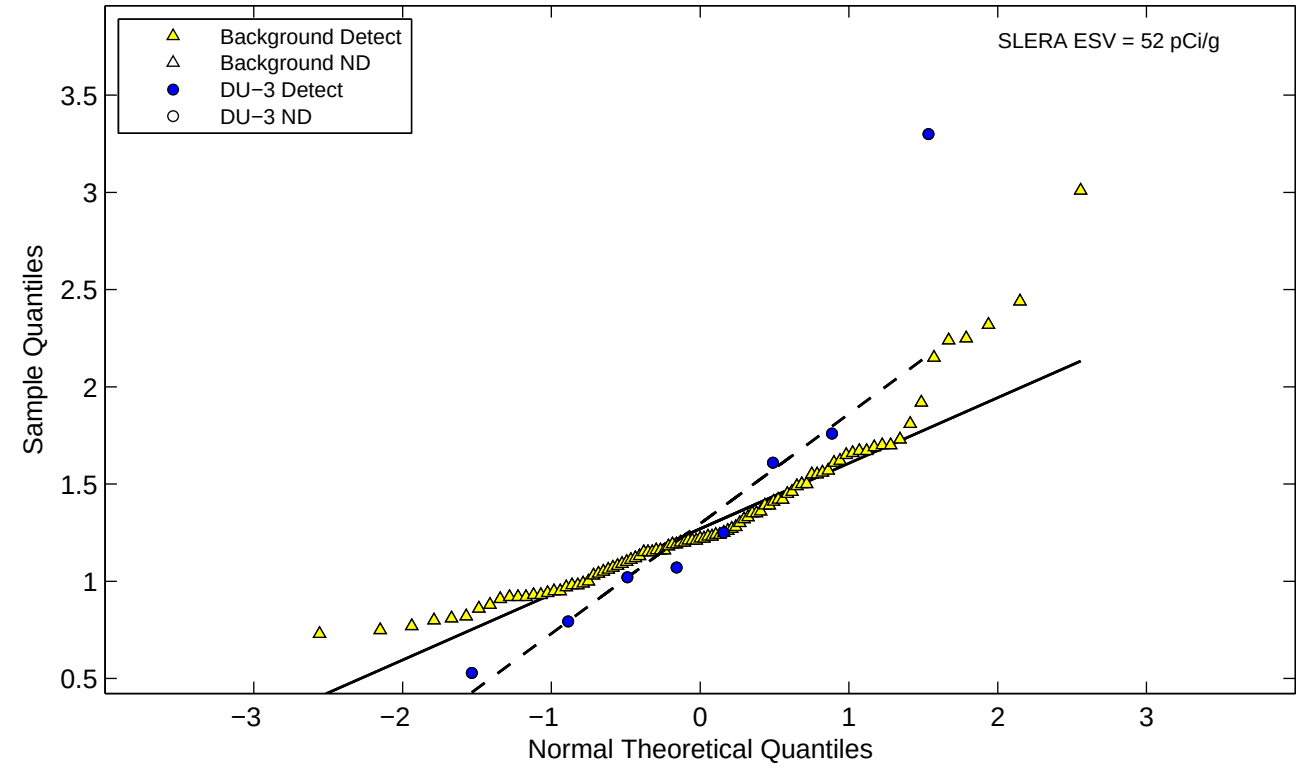


Figure E−2j. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−3)
Thorium−230



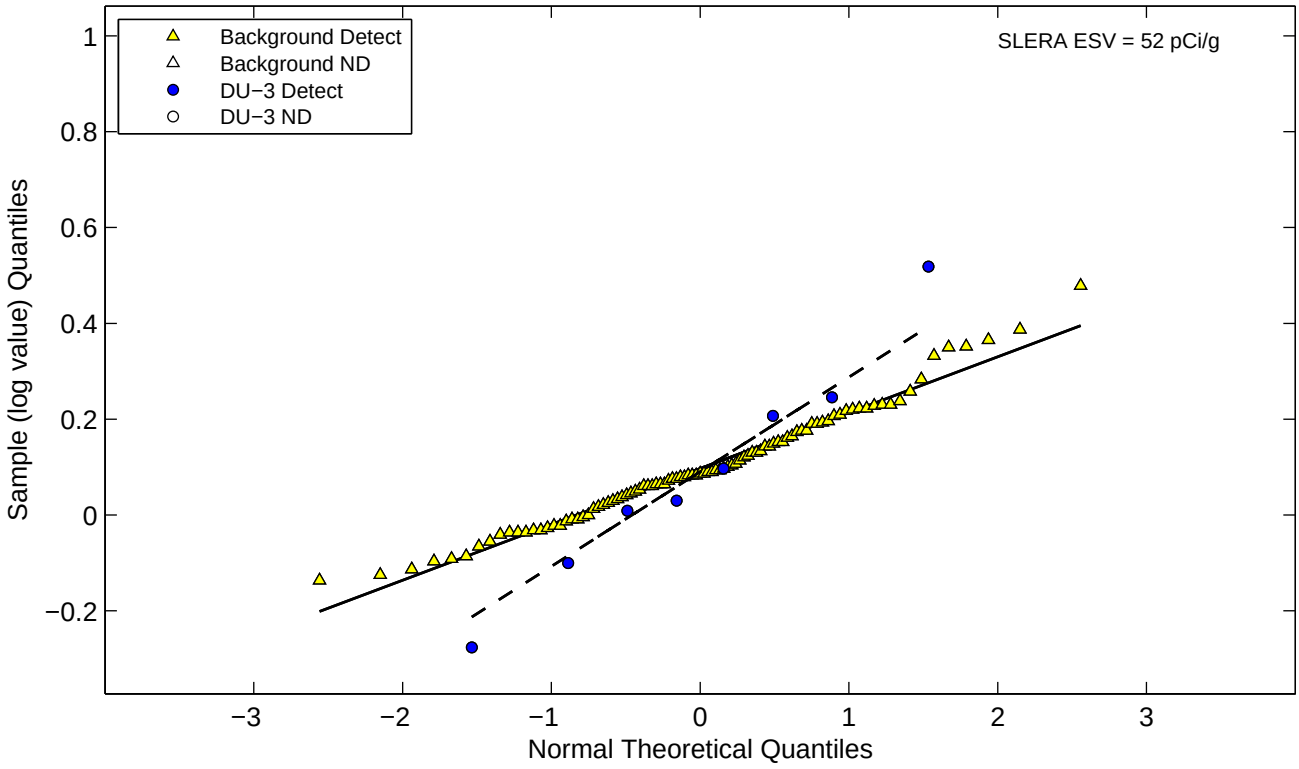
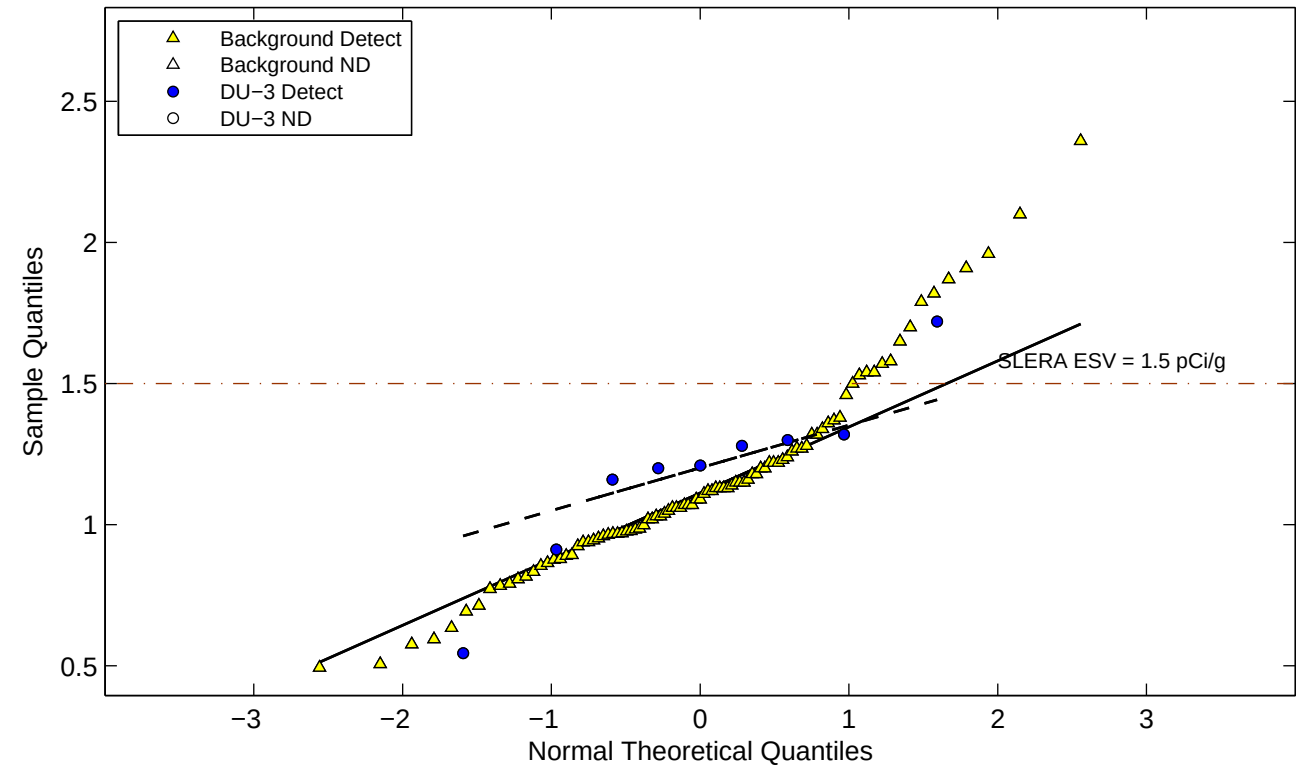


Figure E−2j. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−3)
Radium−226



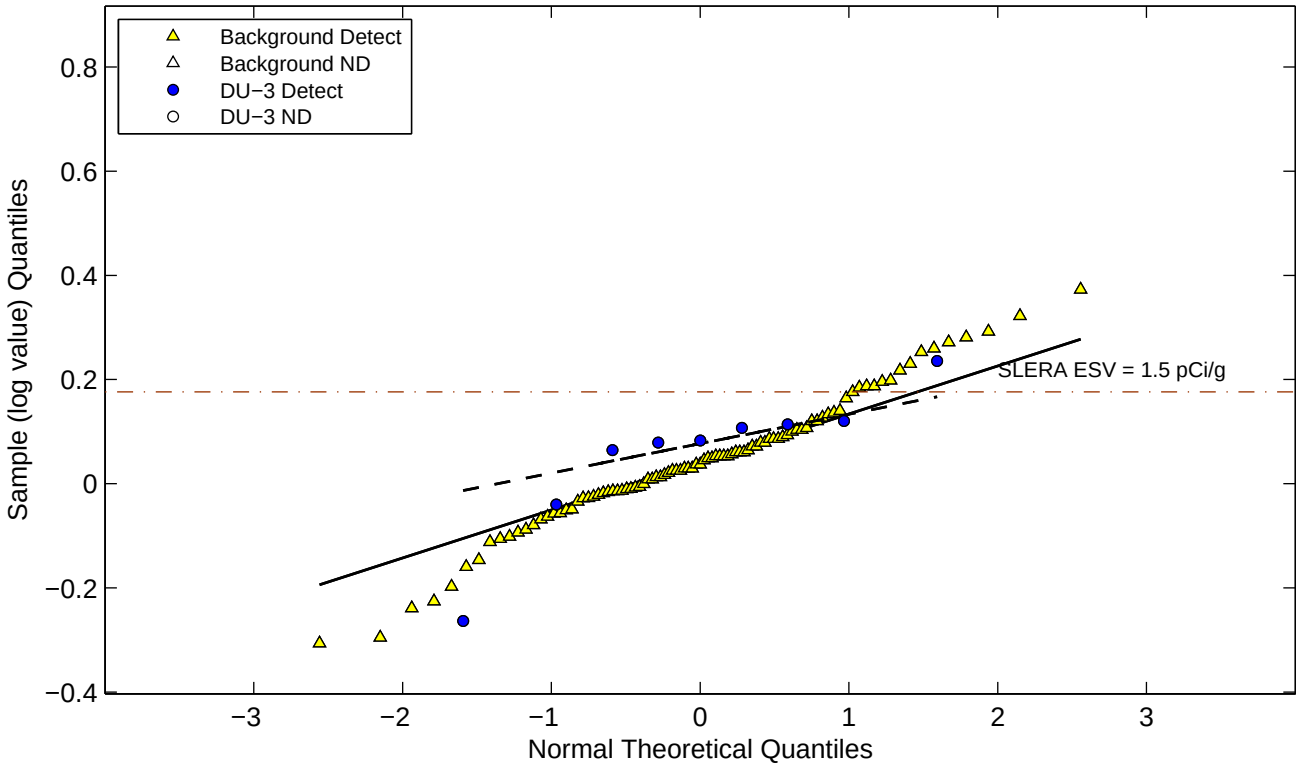
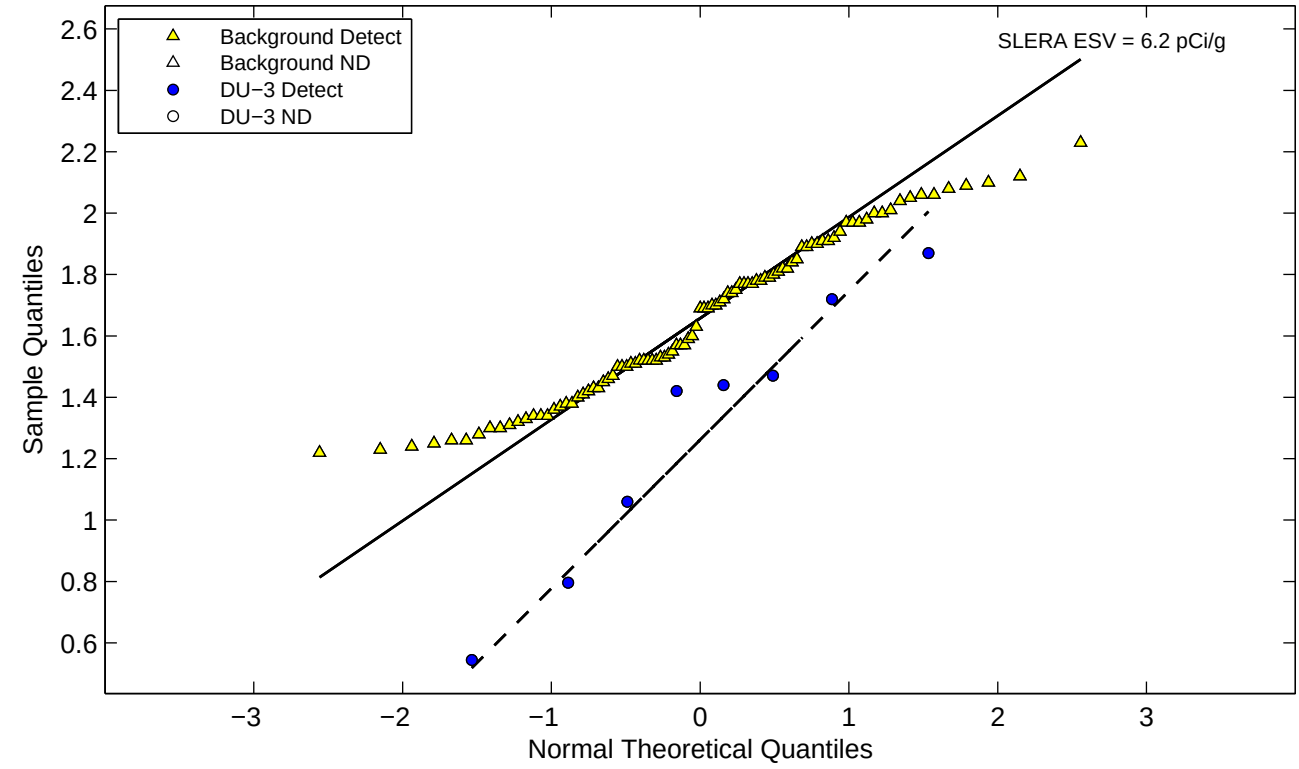


Figure E−2j. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−3)
Thorium−232



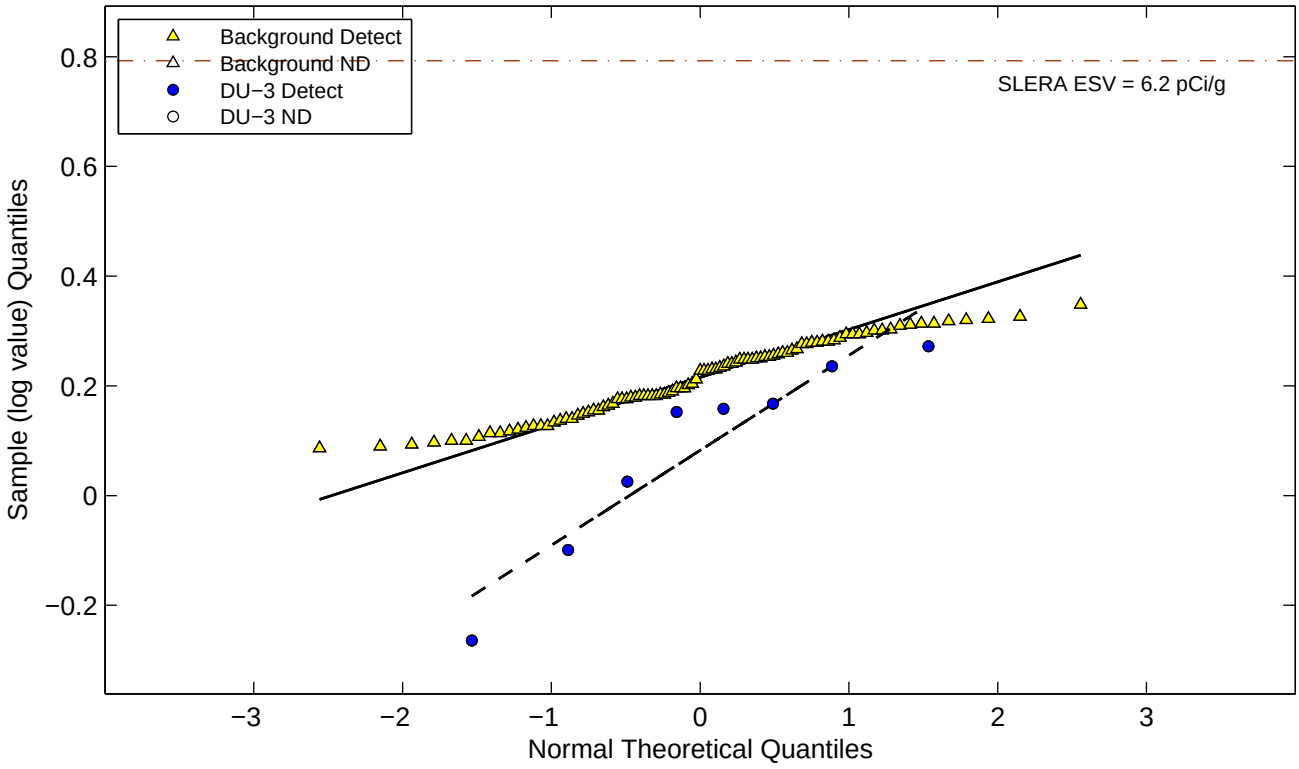
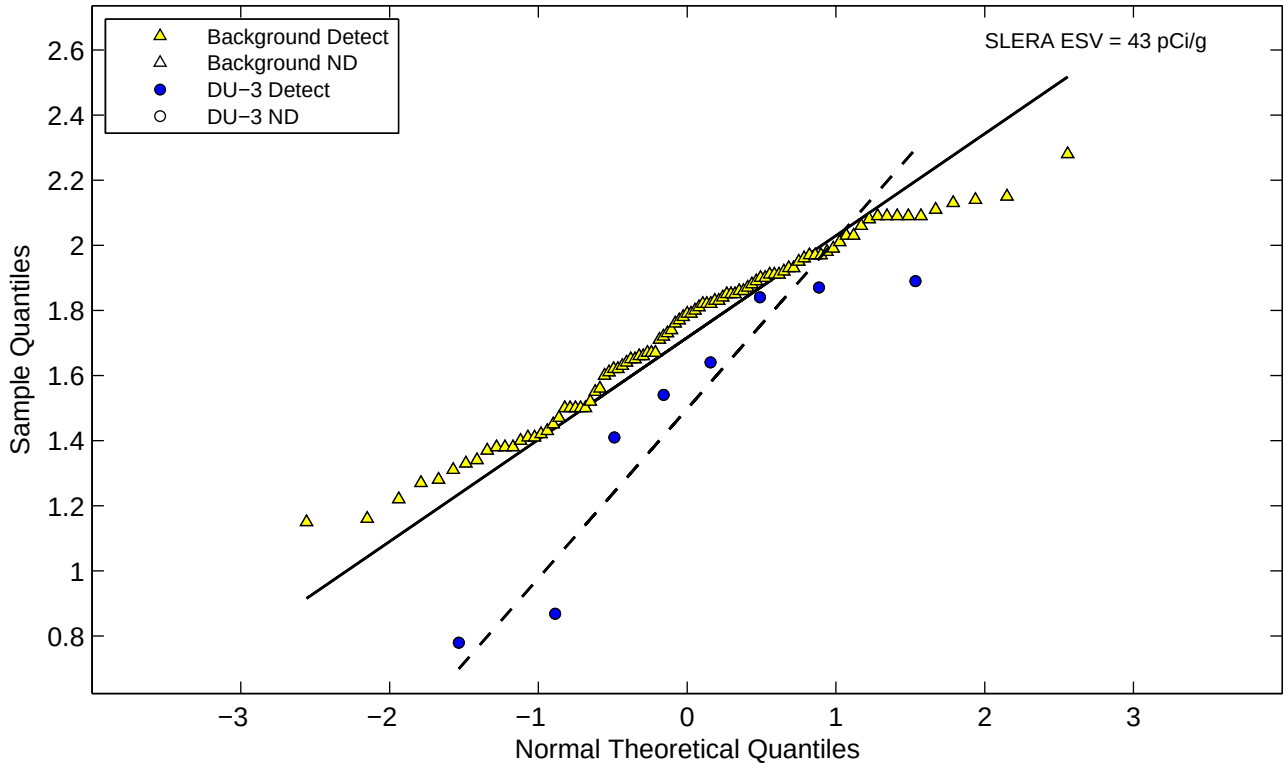


Figure E−2j. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−3)
Thorium−228



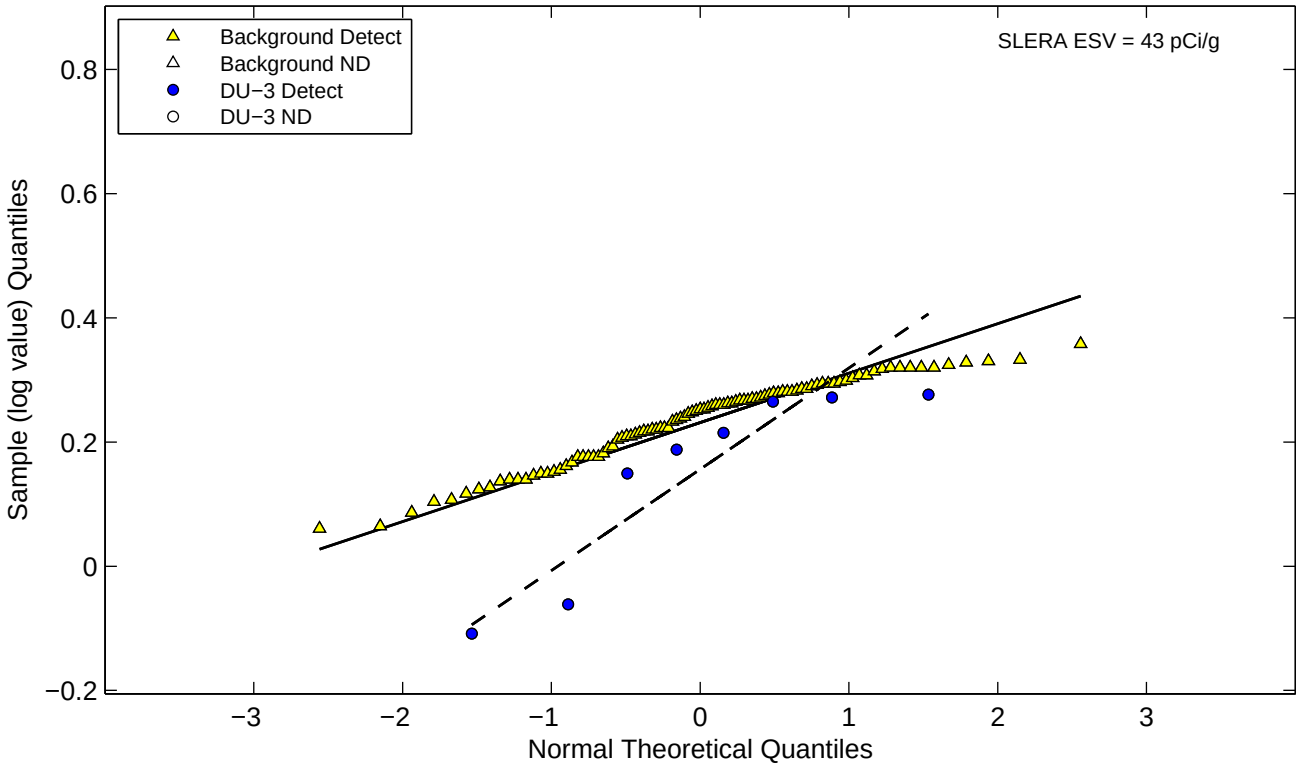
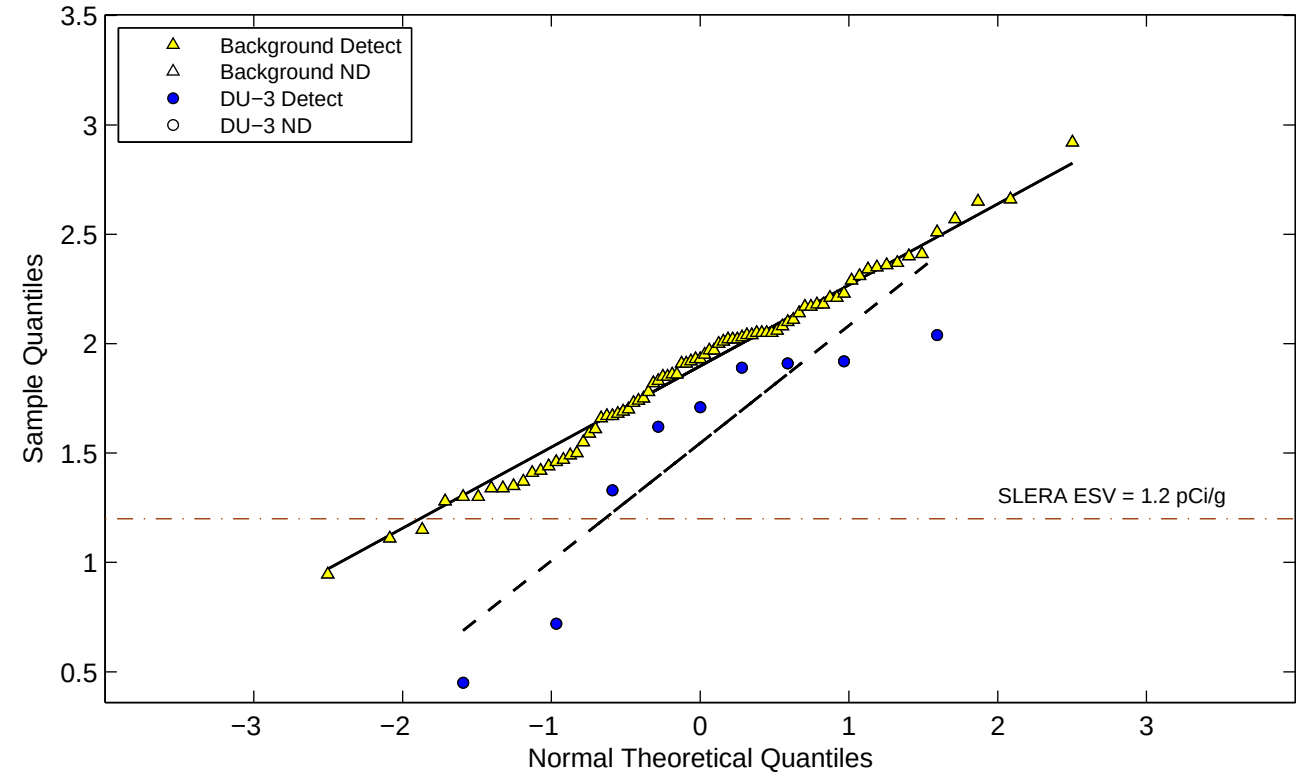


Figure E−2j. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−3)
Radium−228



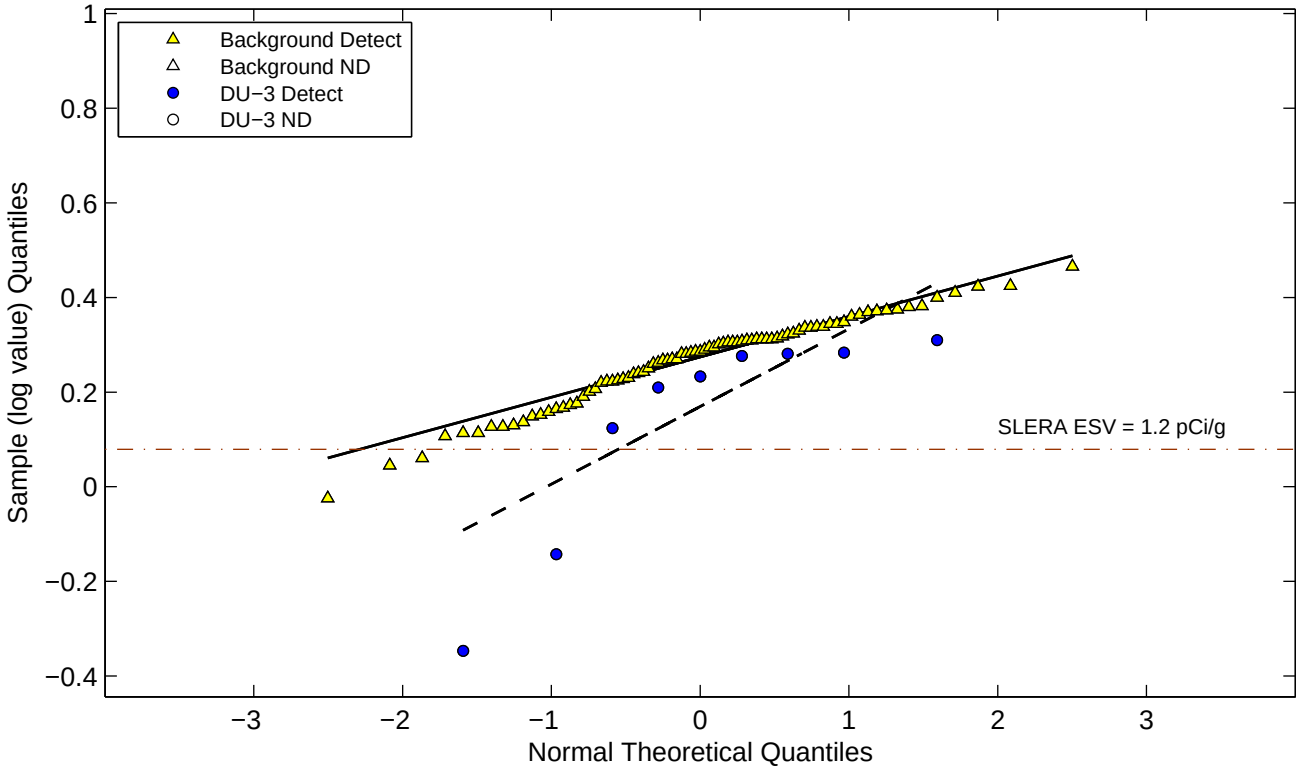
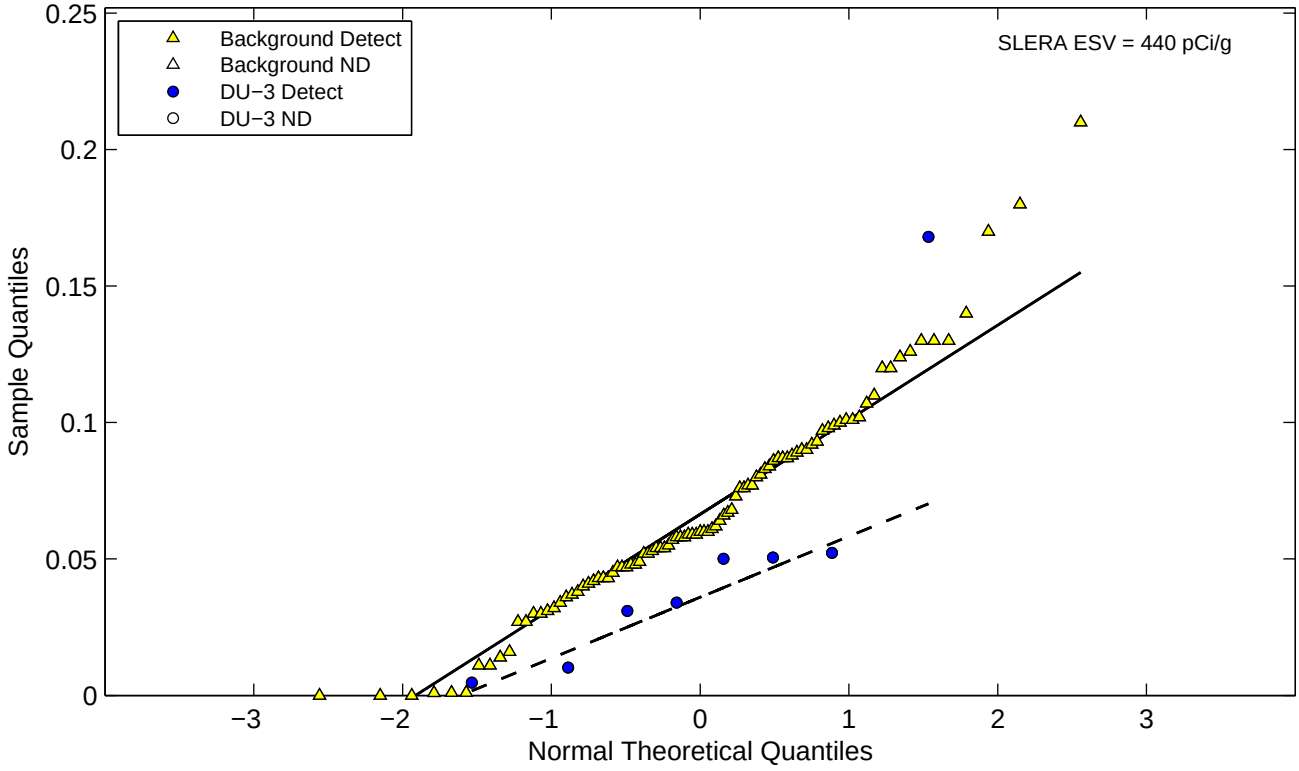


Figure E−2j. Normal and Lognormal Q−Q Plots for Radionuclides (Eco DU−3)
Uranium−235



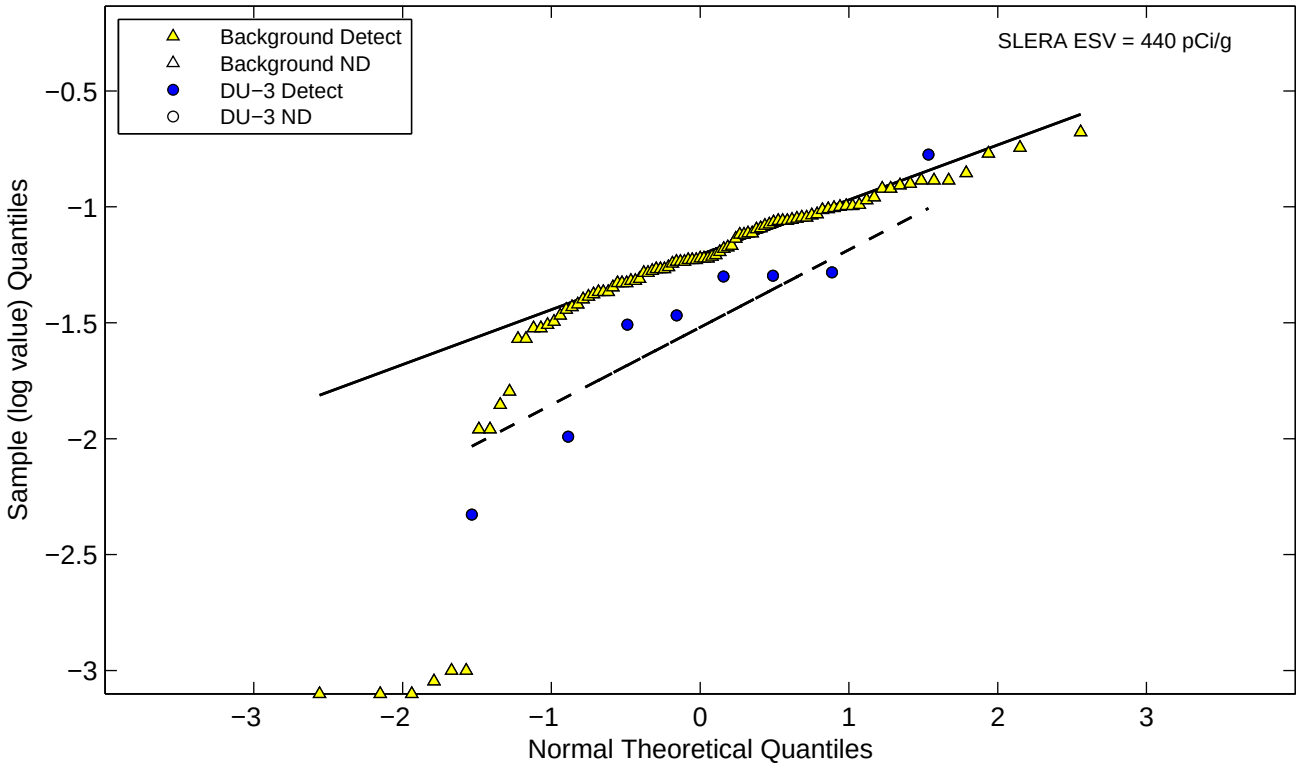
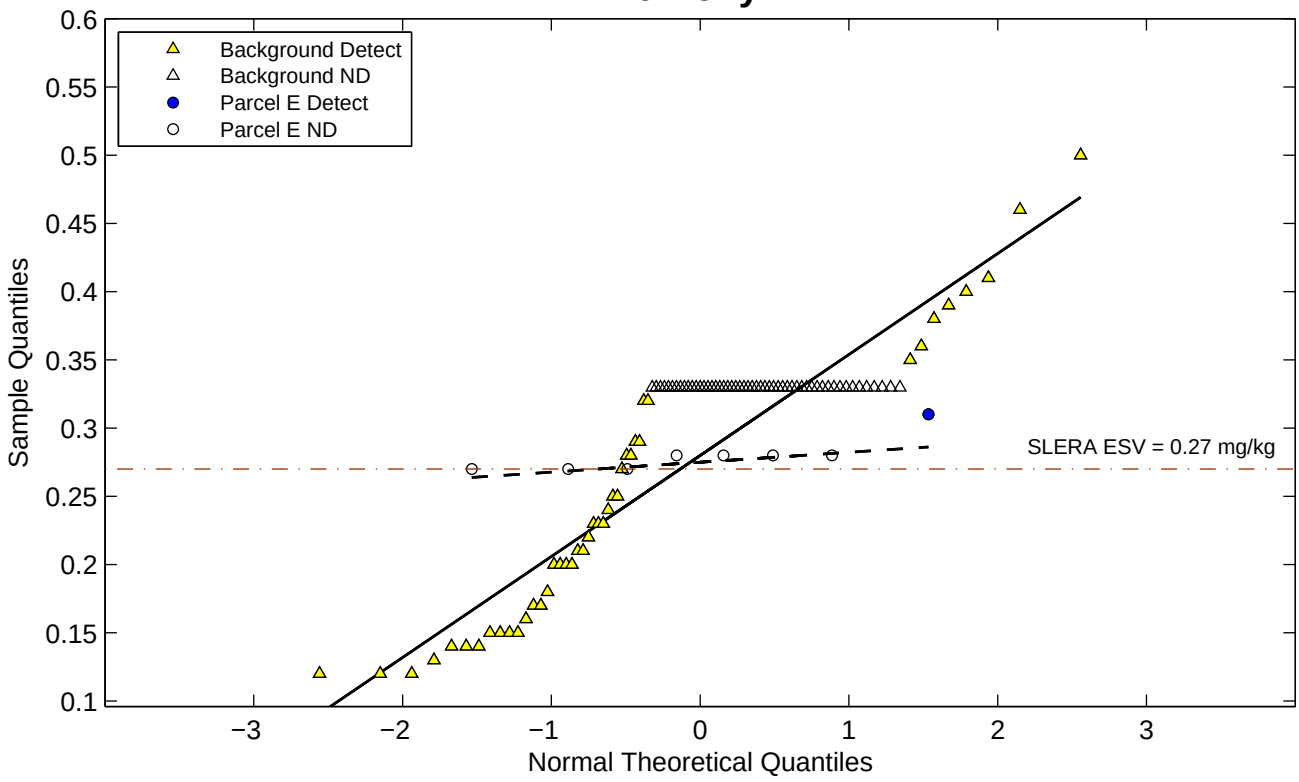


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)
Antimony



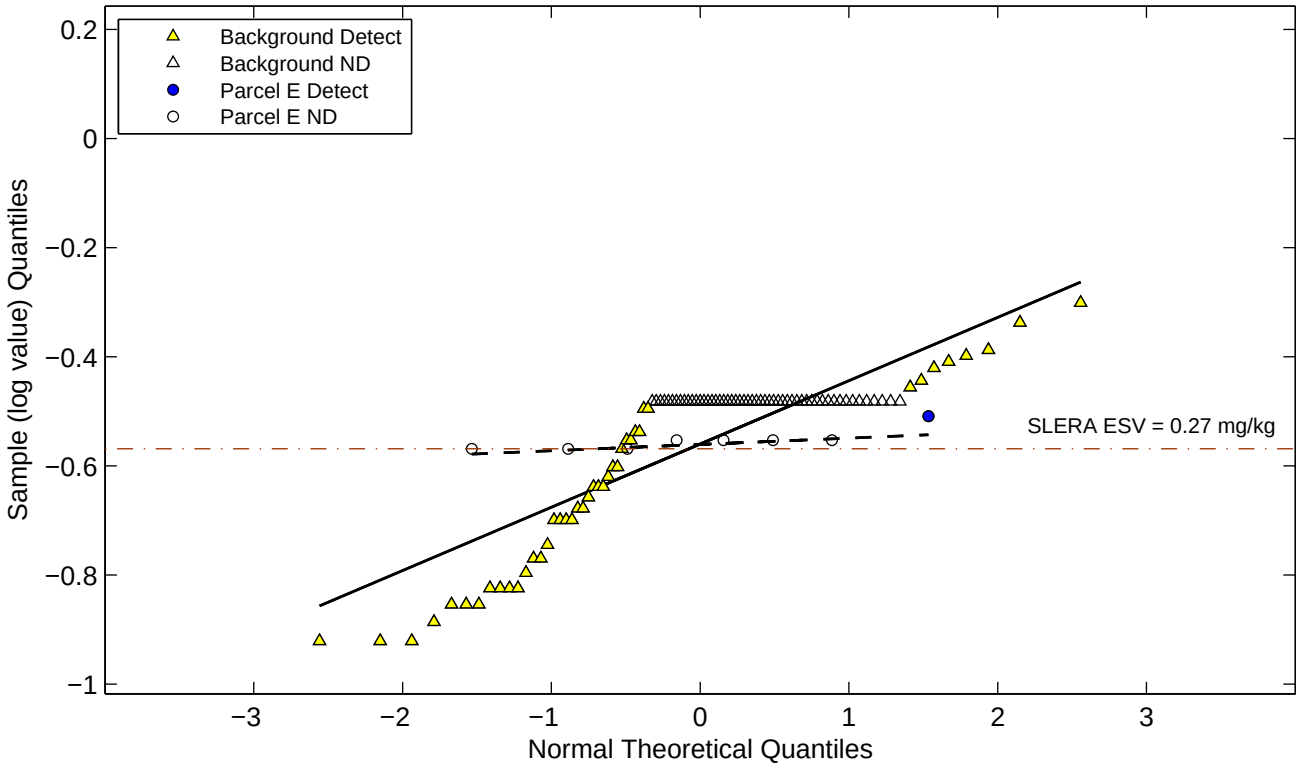
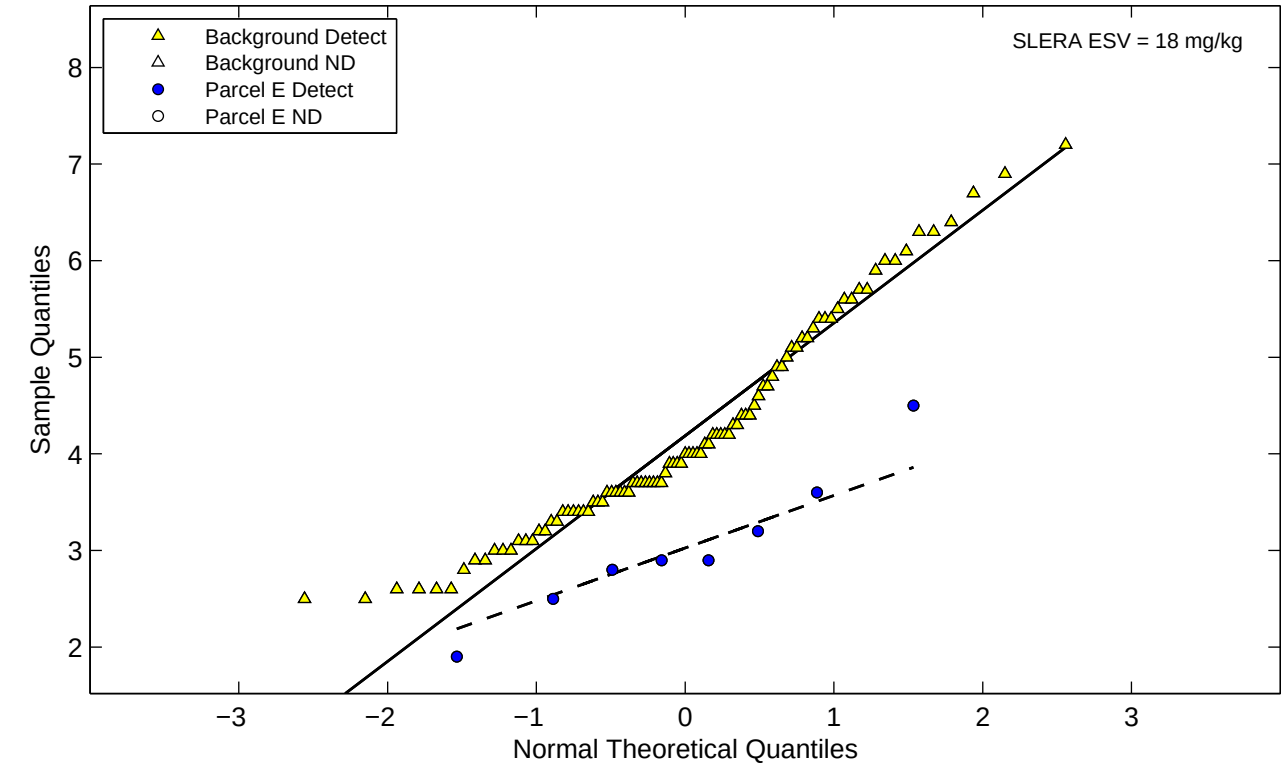


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)
Arsenic



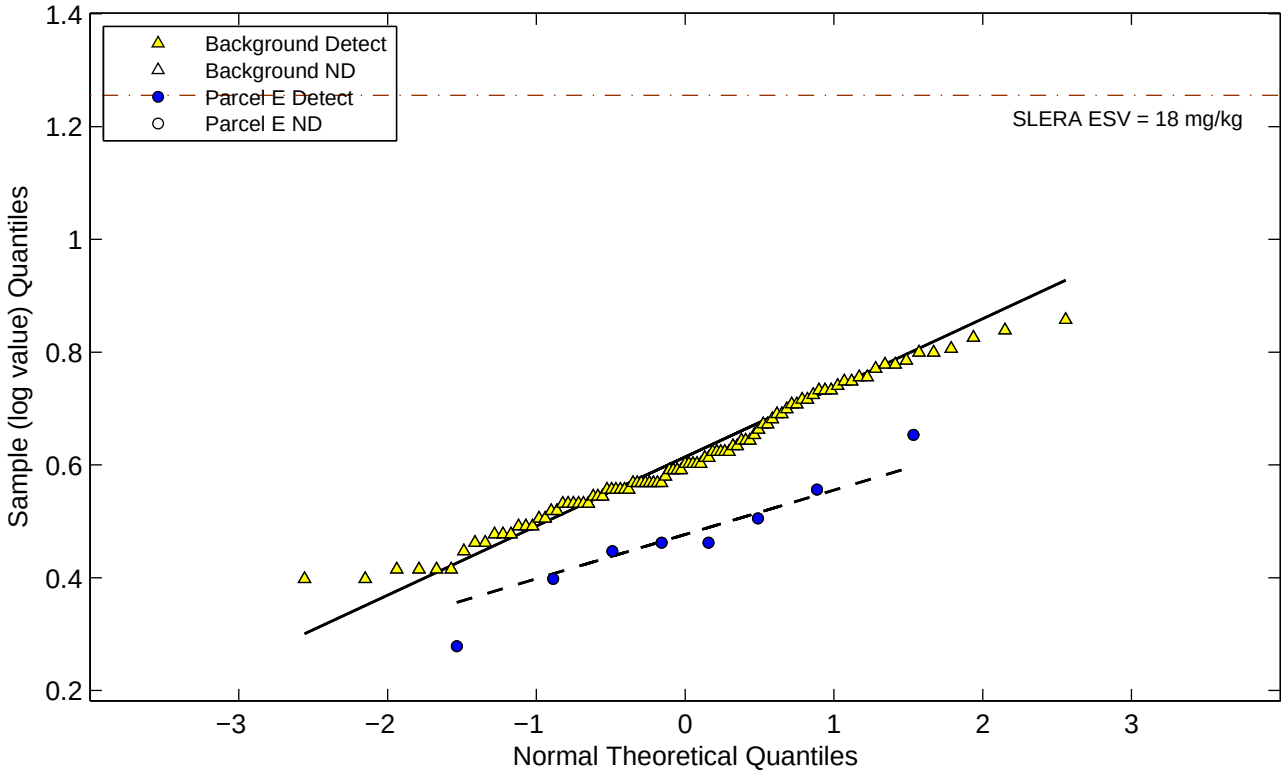
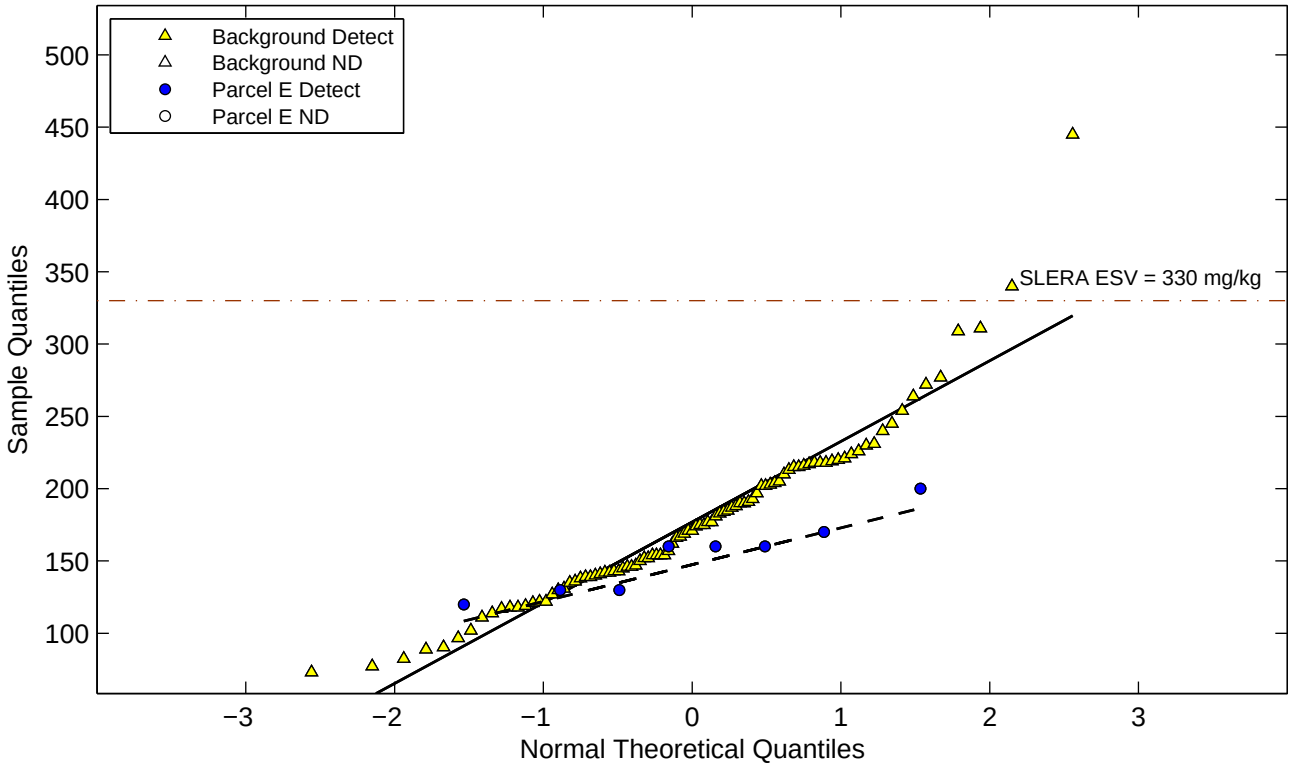


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)
Barium



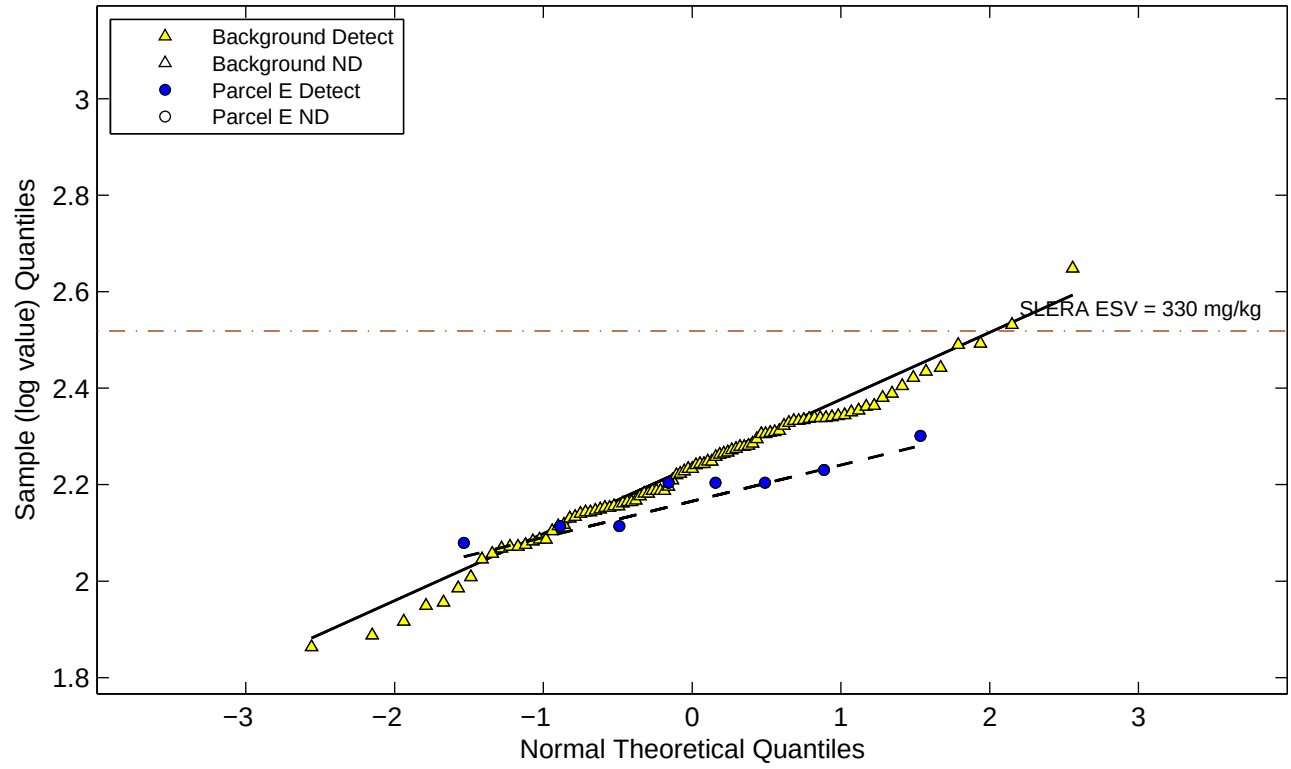
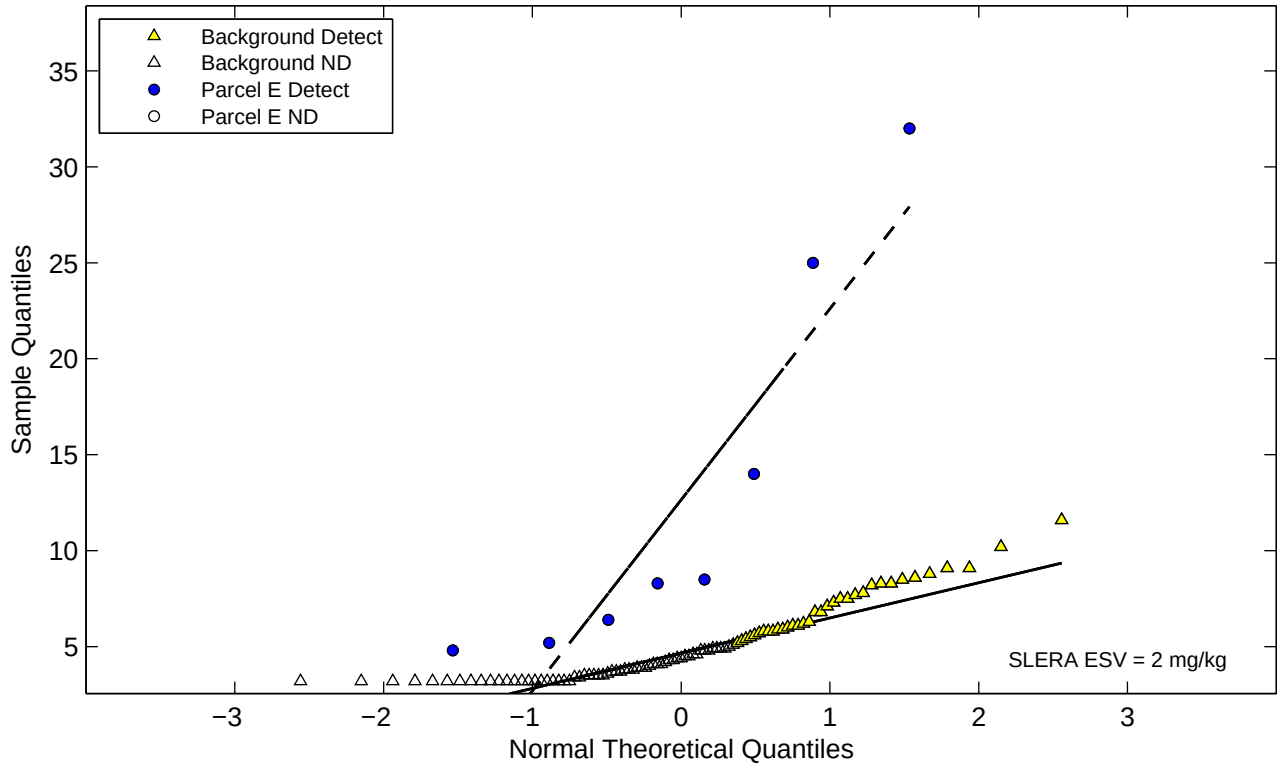


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)
Boron



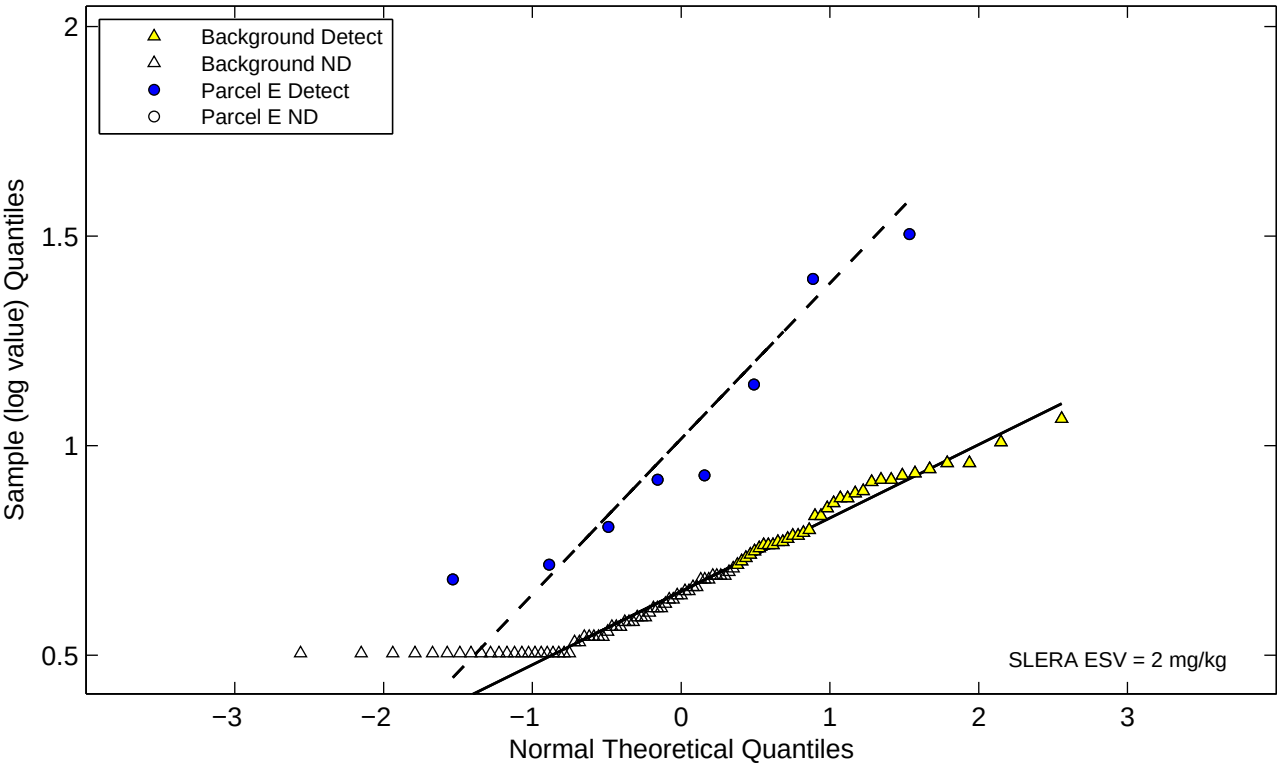
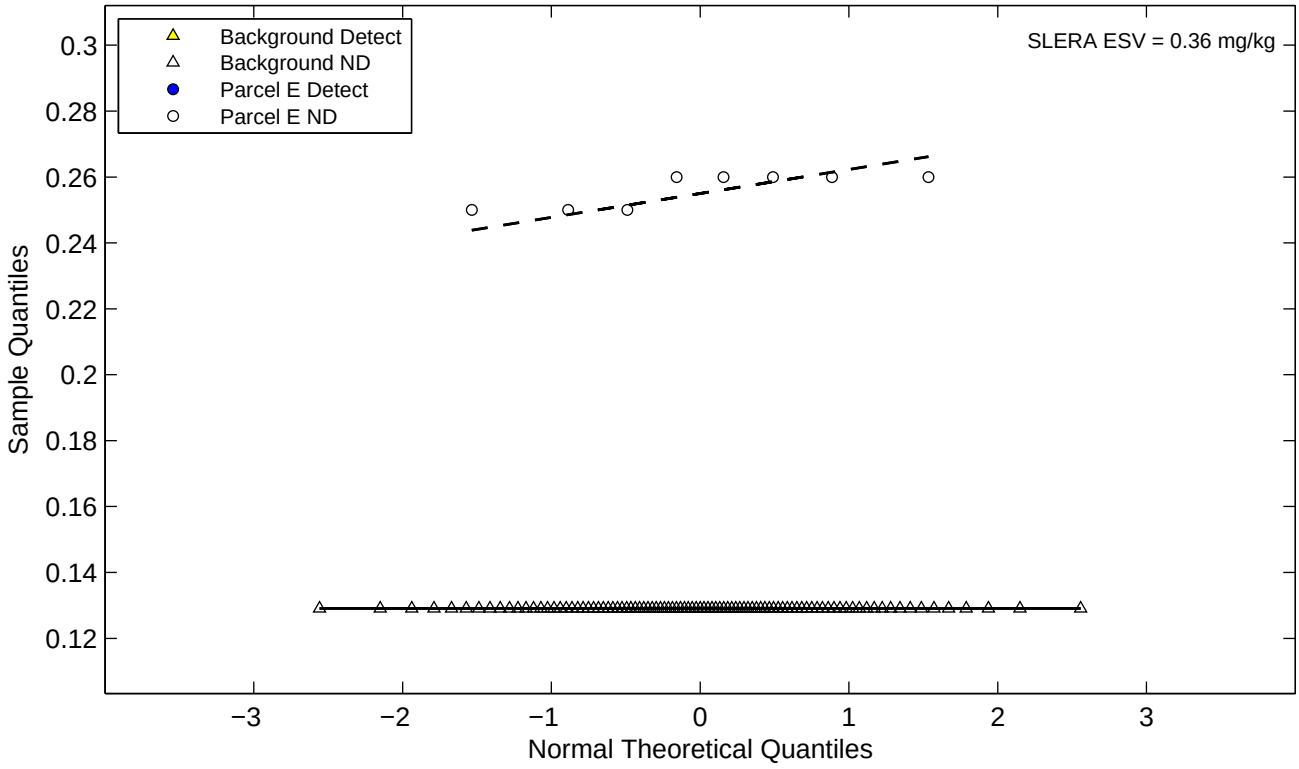


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)
Cadmium



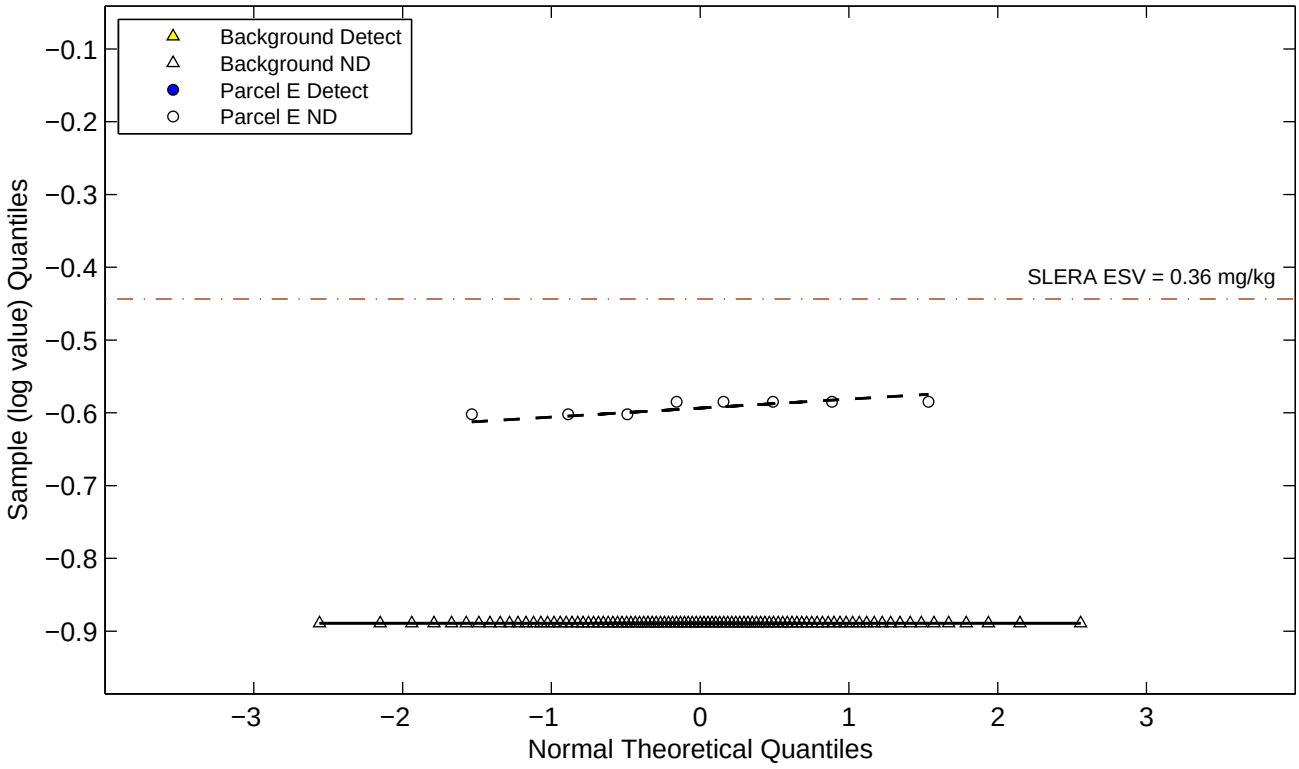
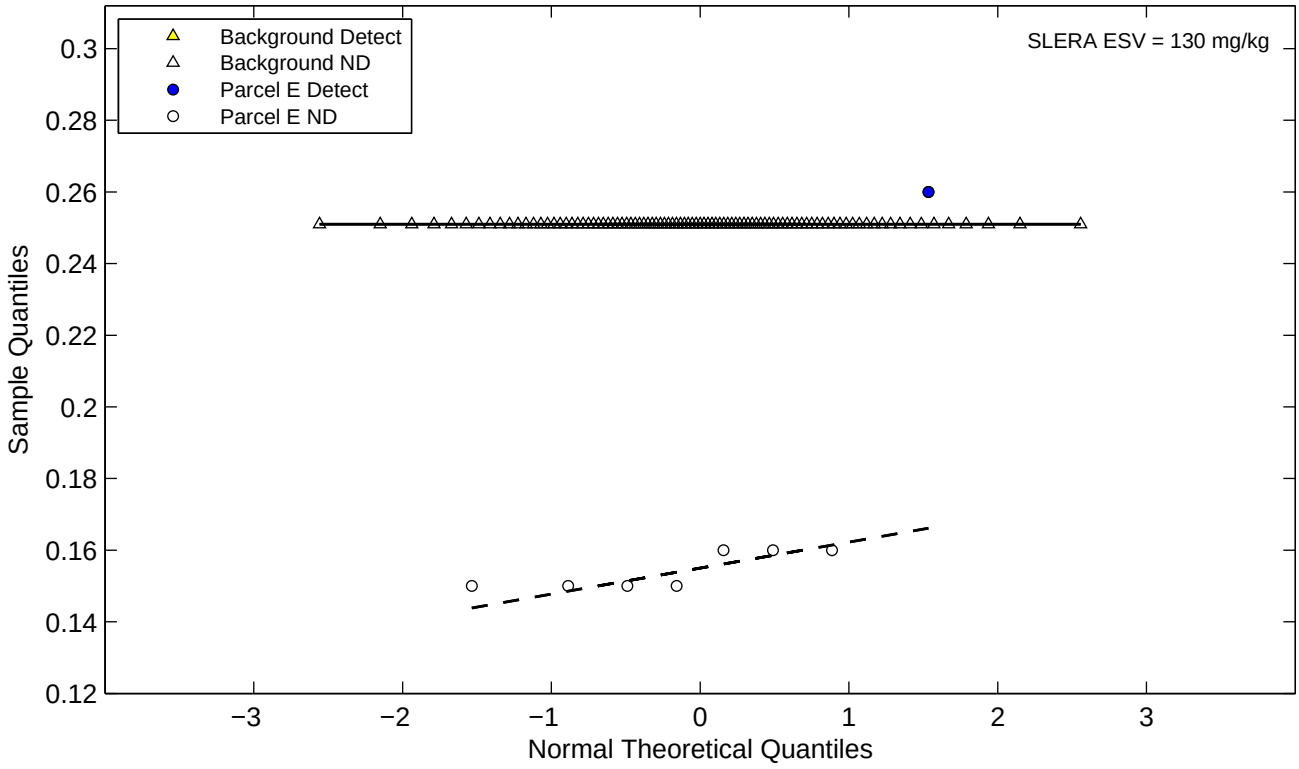


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)
Chromium VI



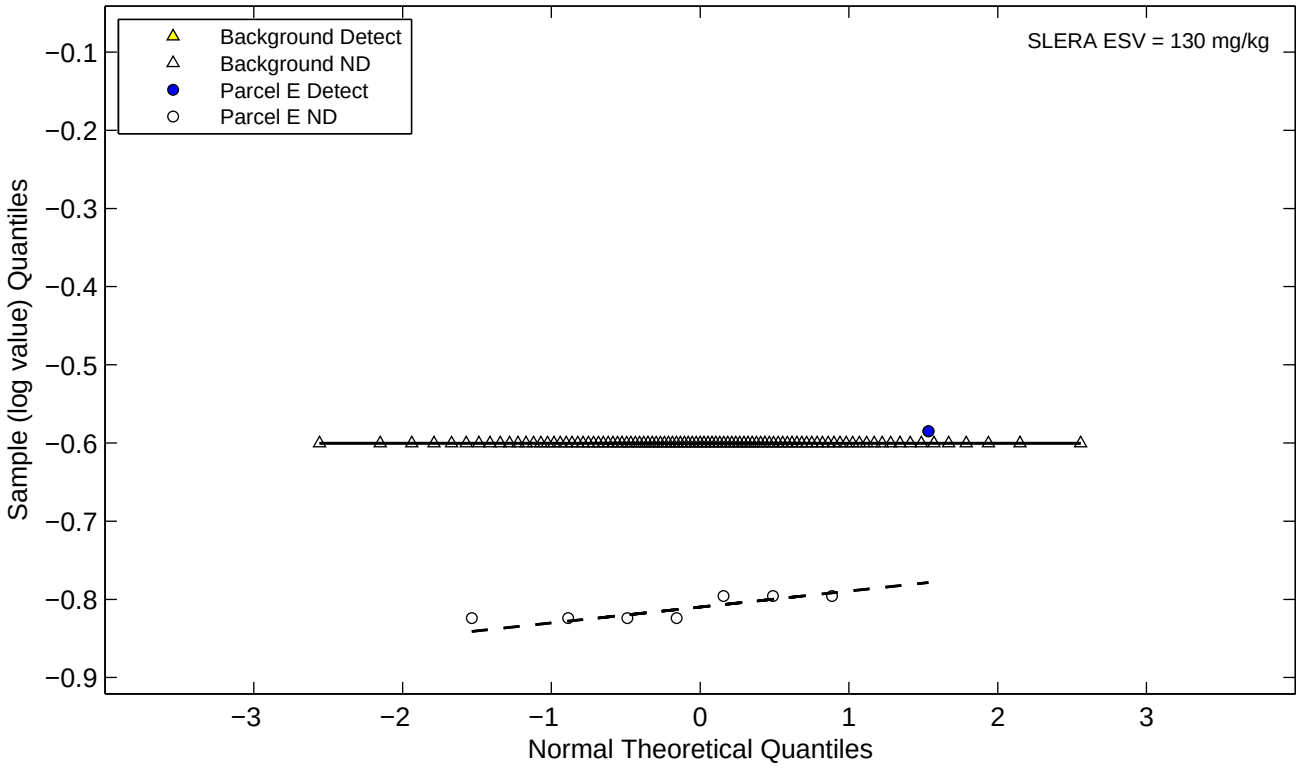
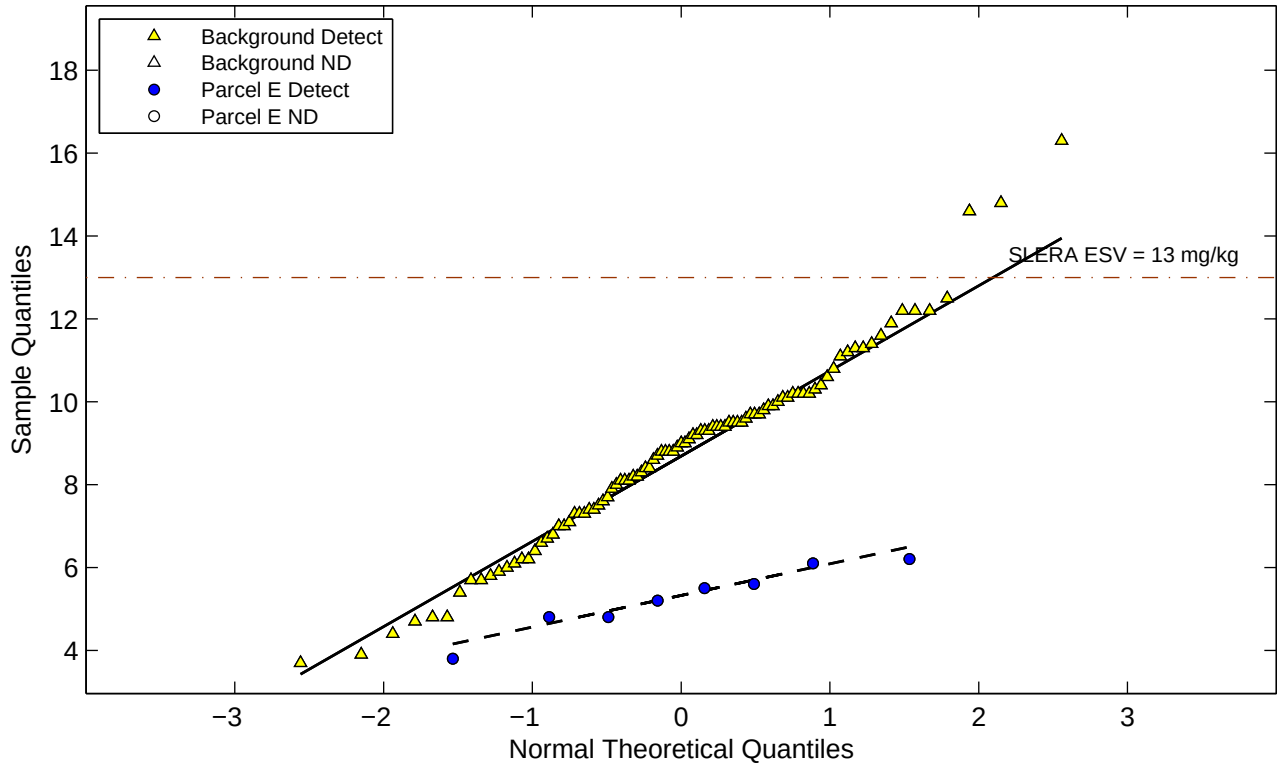


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)
Cobalt



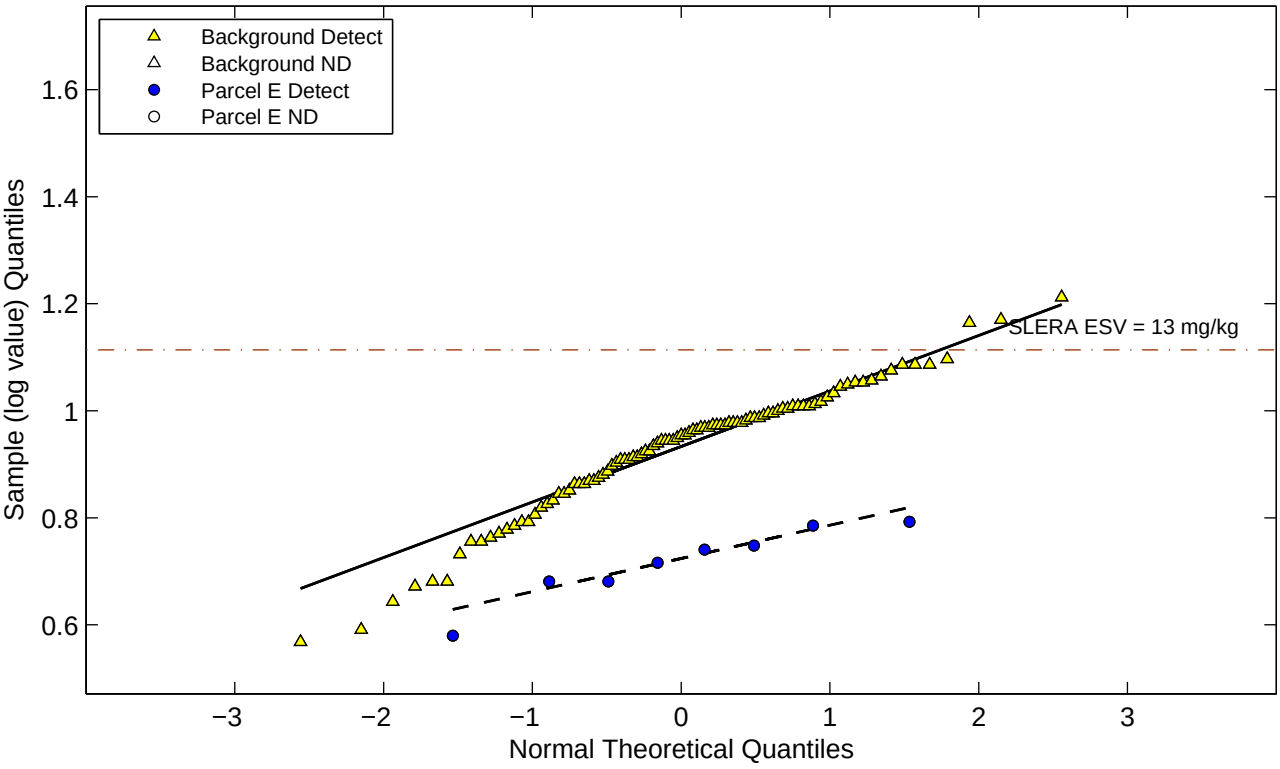
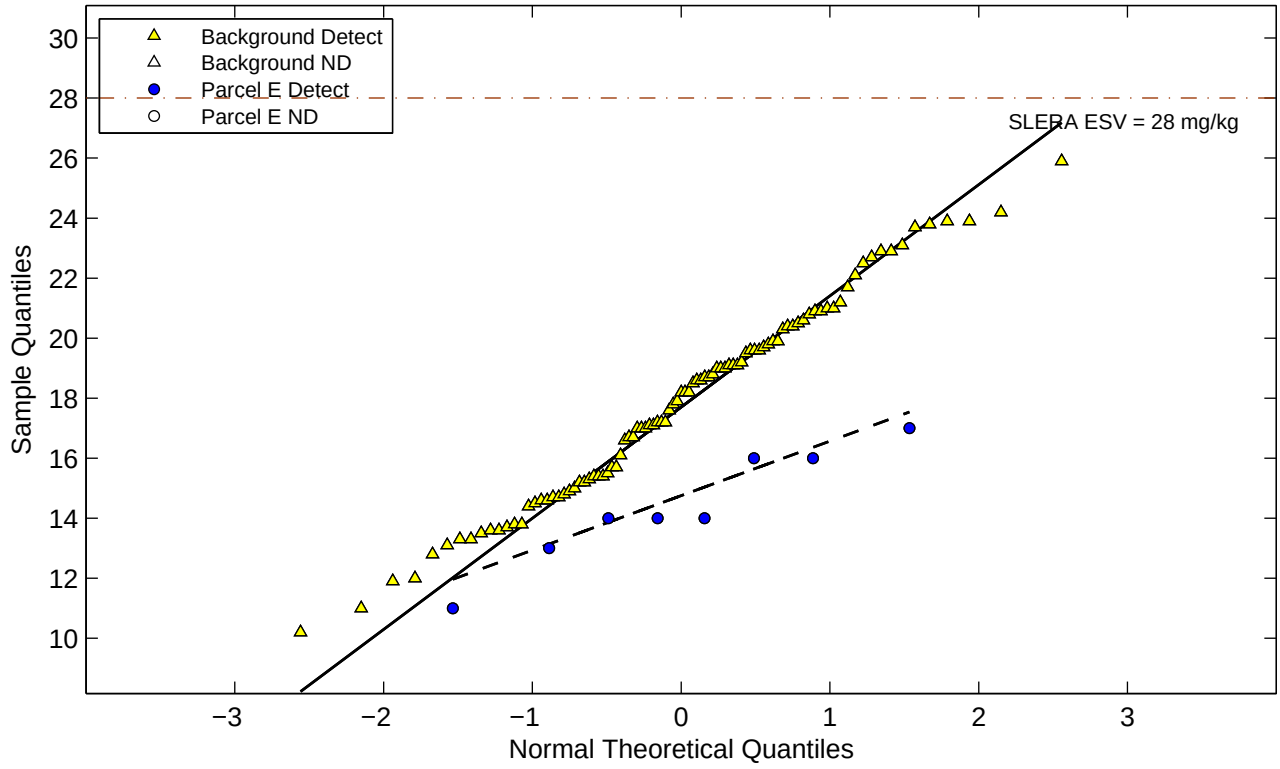


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)
Copper



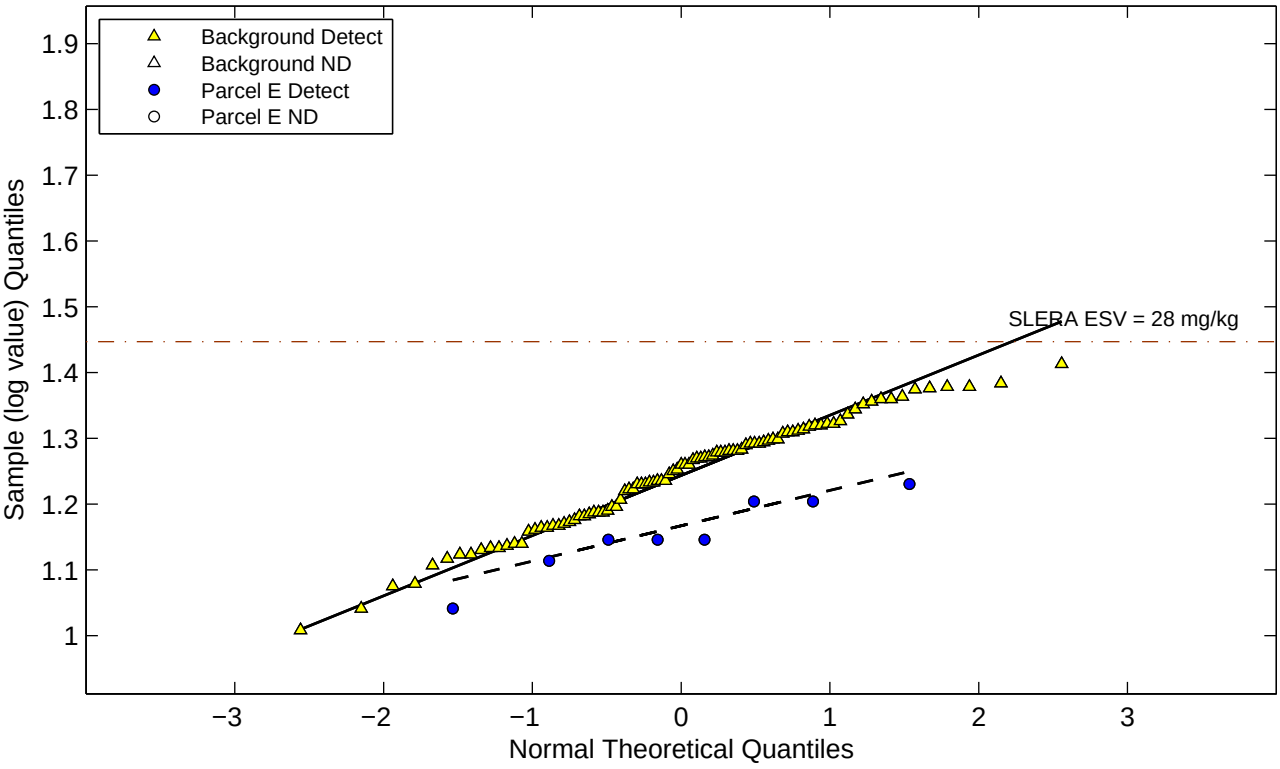
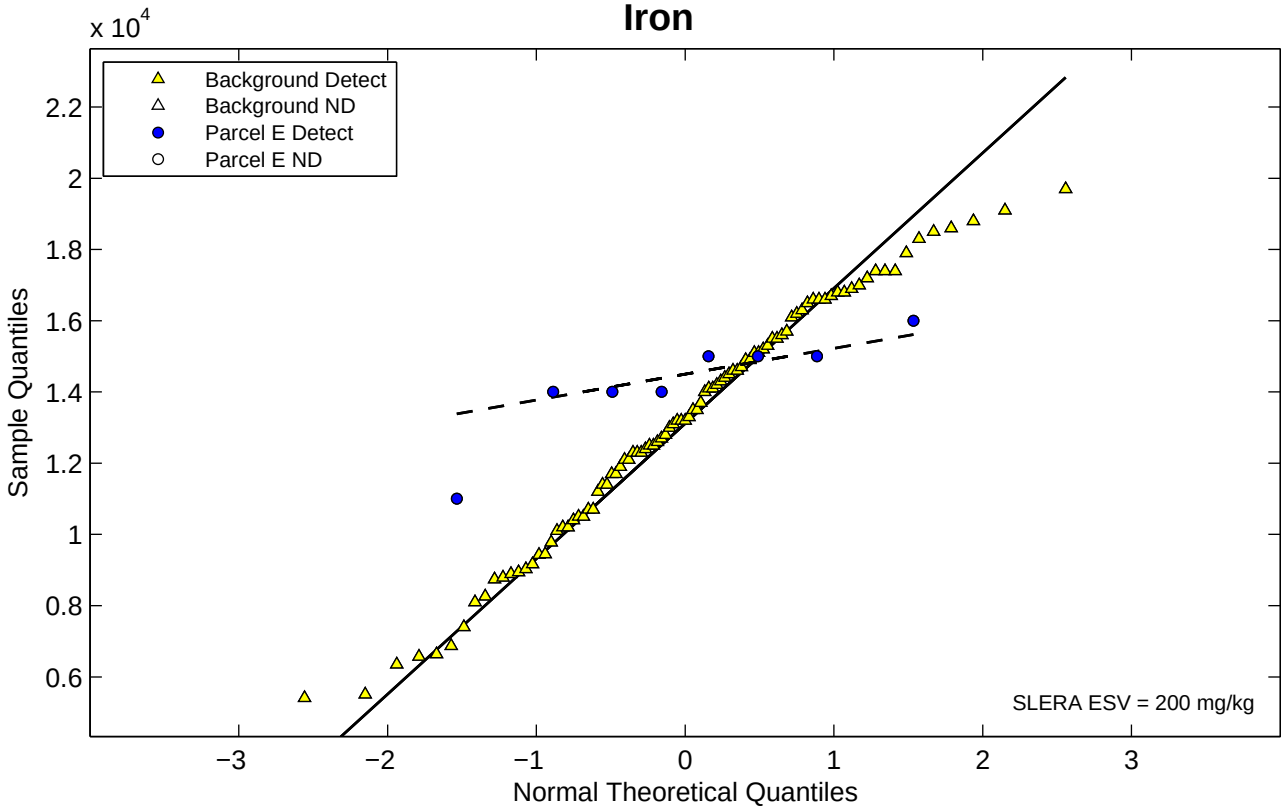


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)



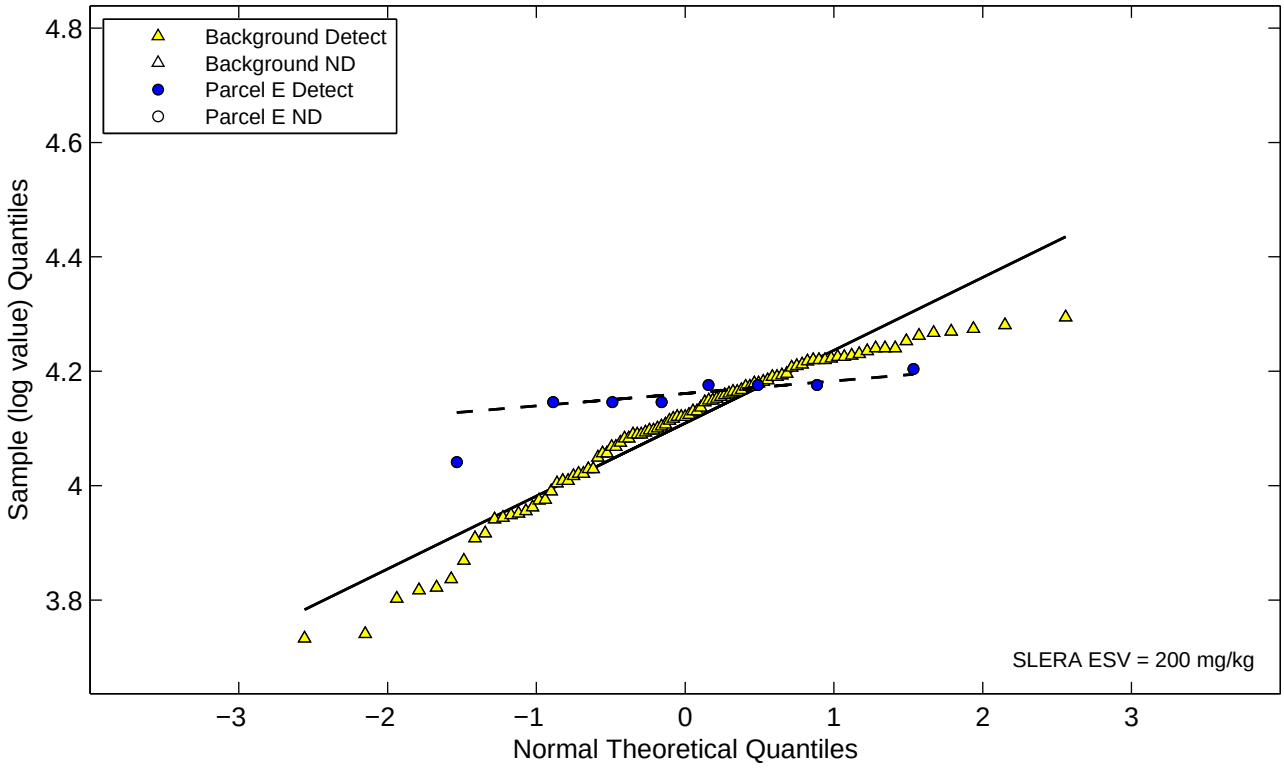
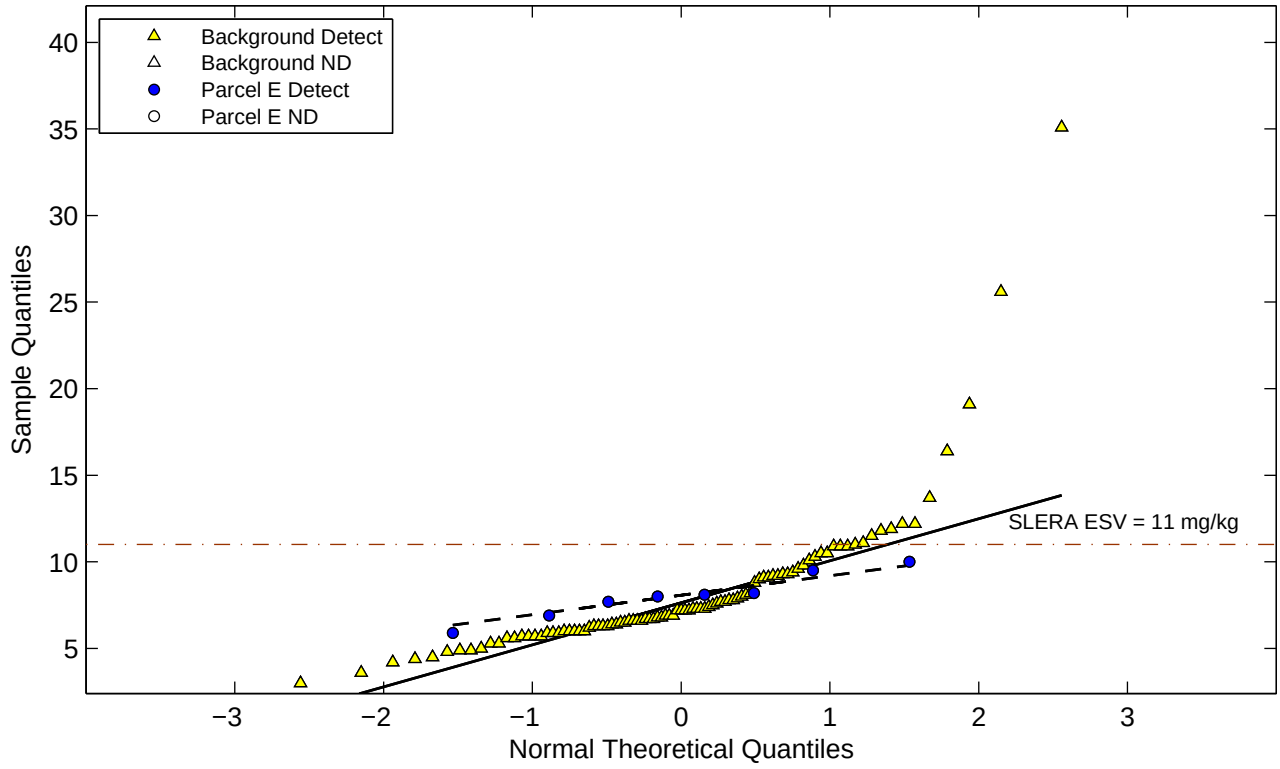


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)
Lead



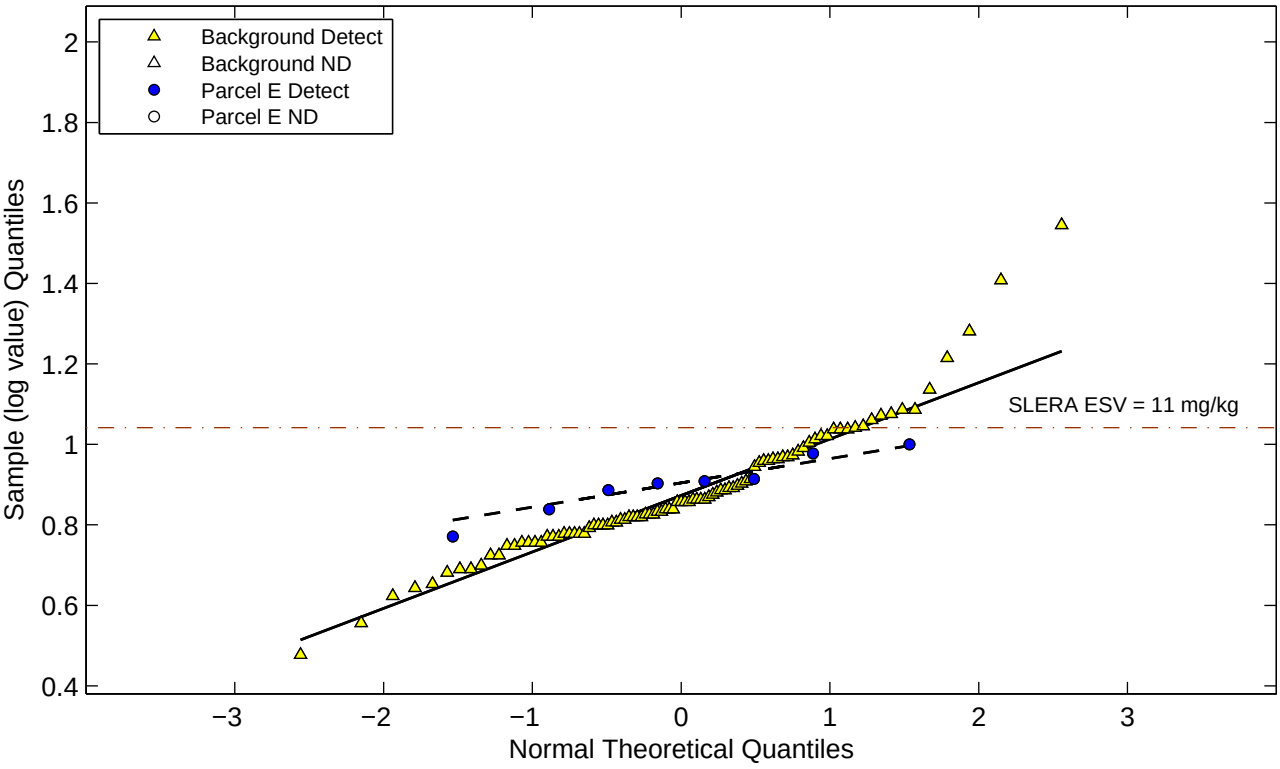
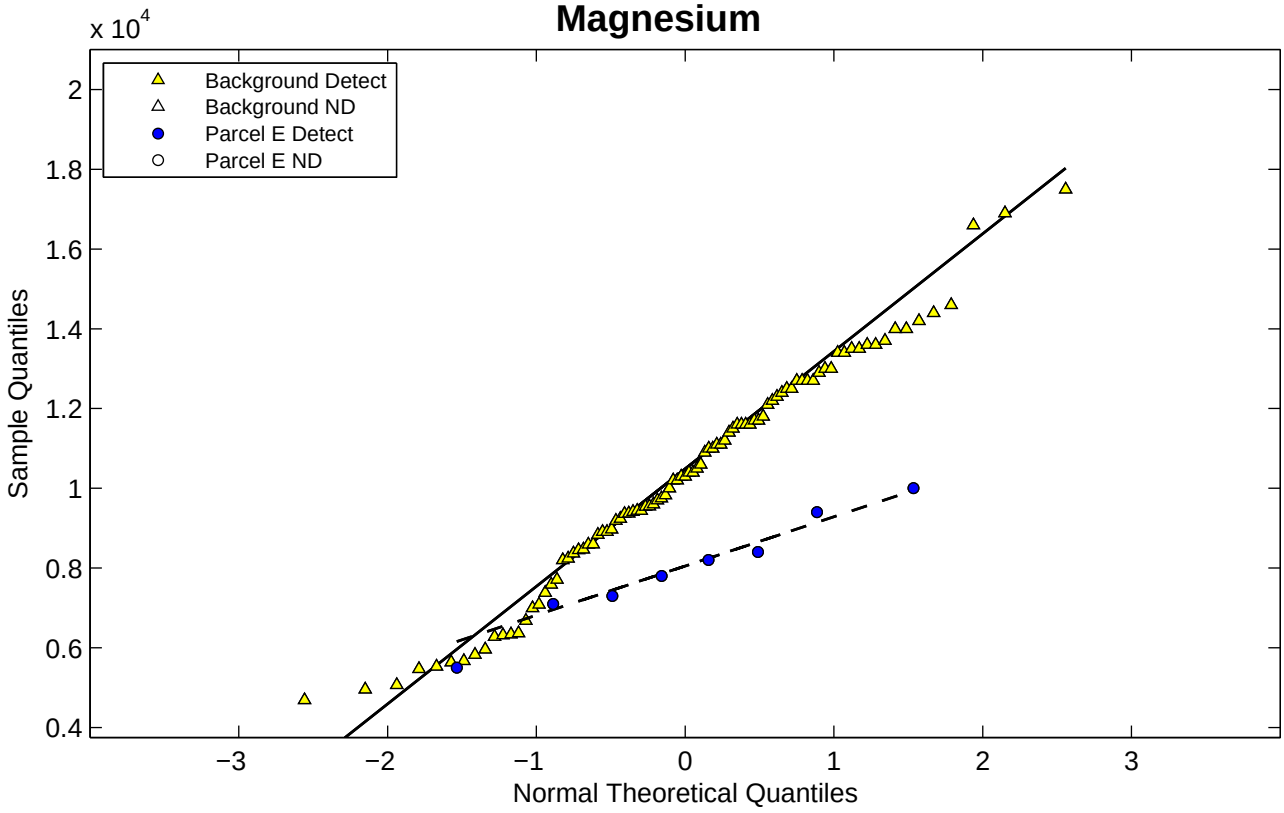


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)

Magnesium



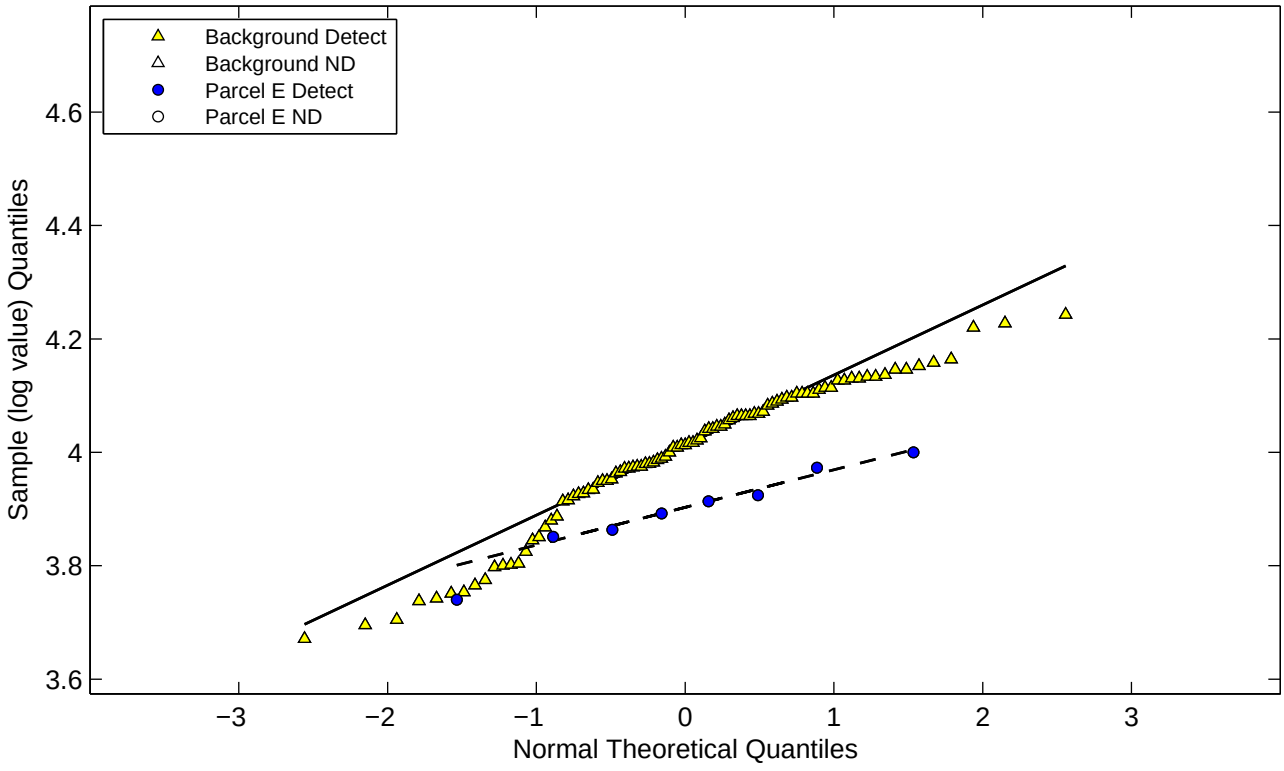
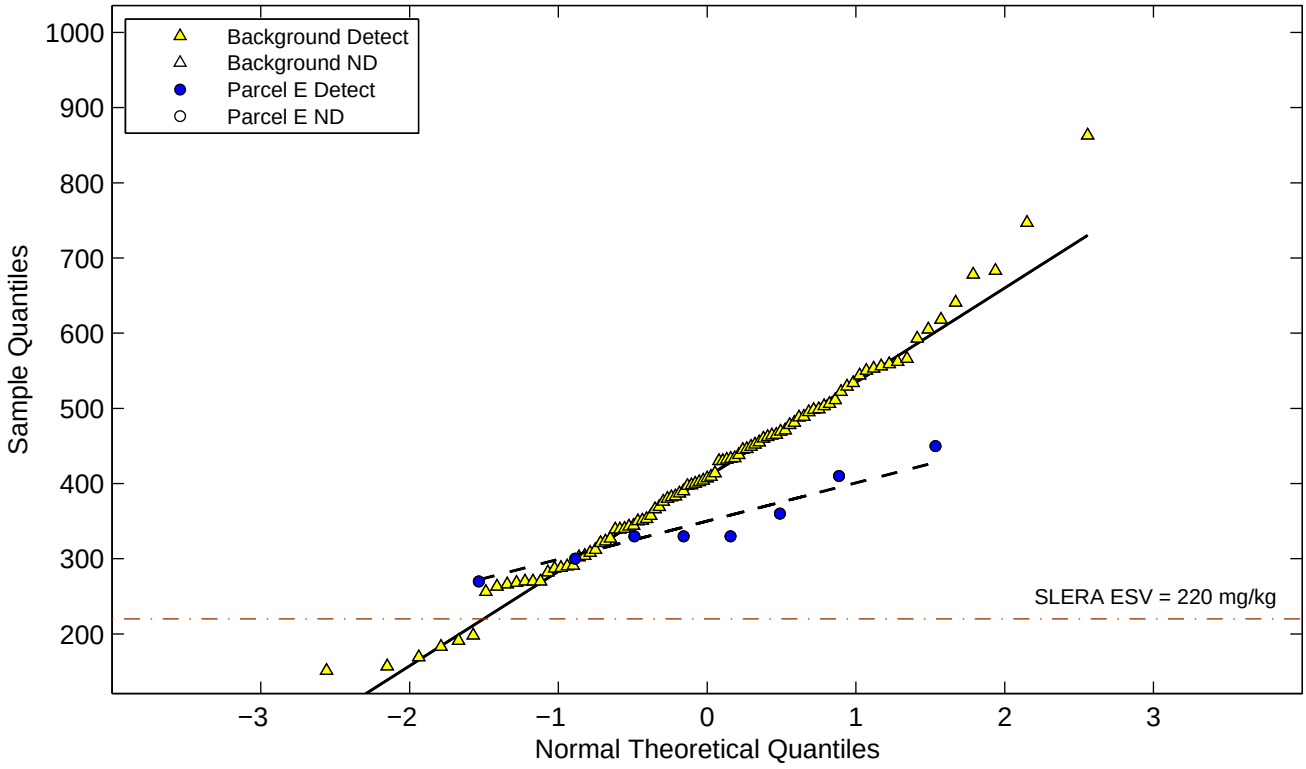


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)
Manganese



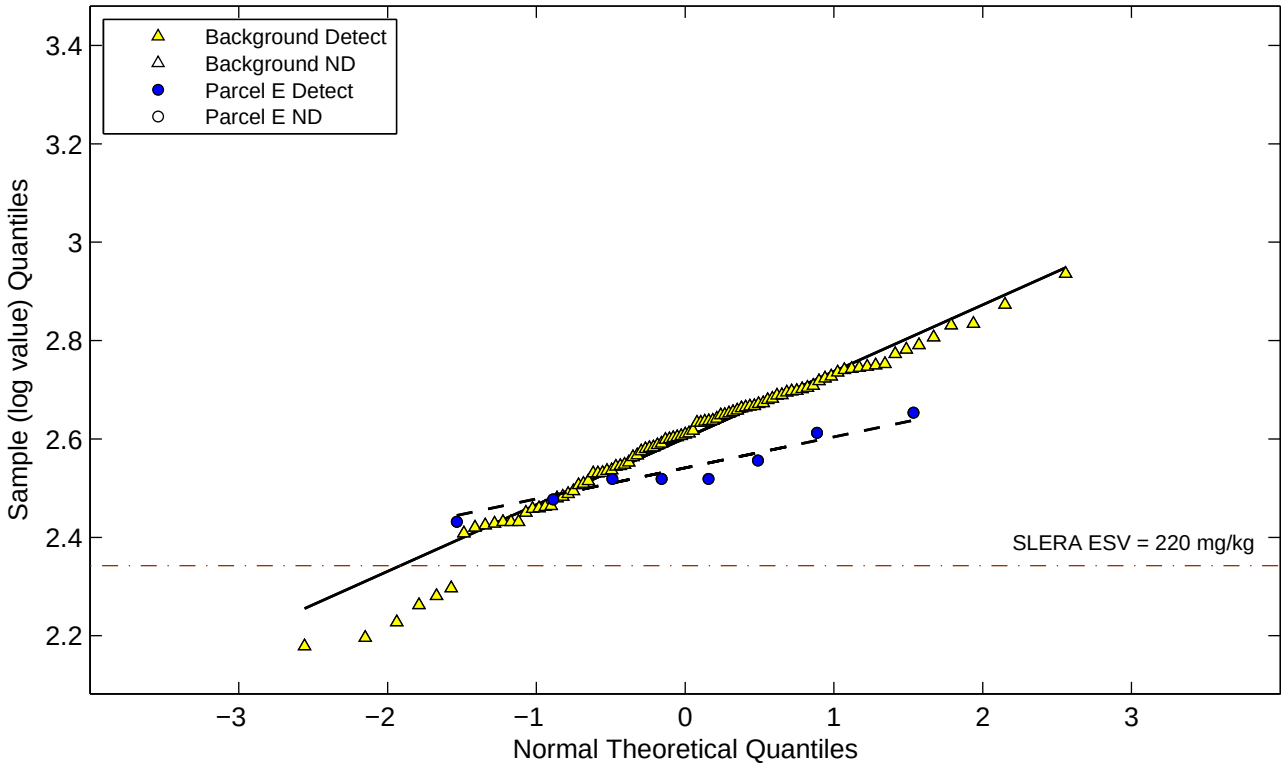
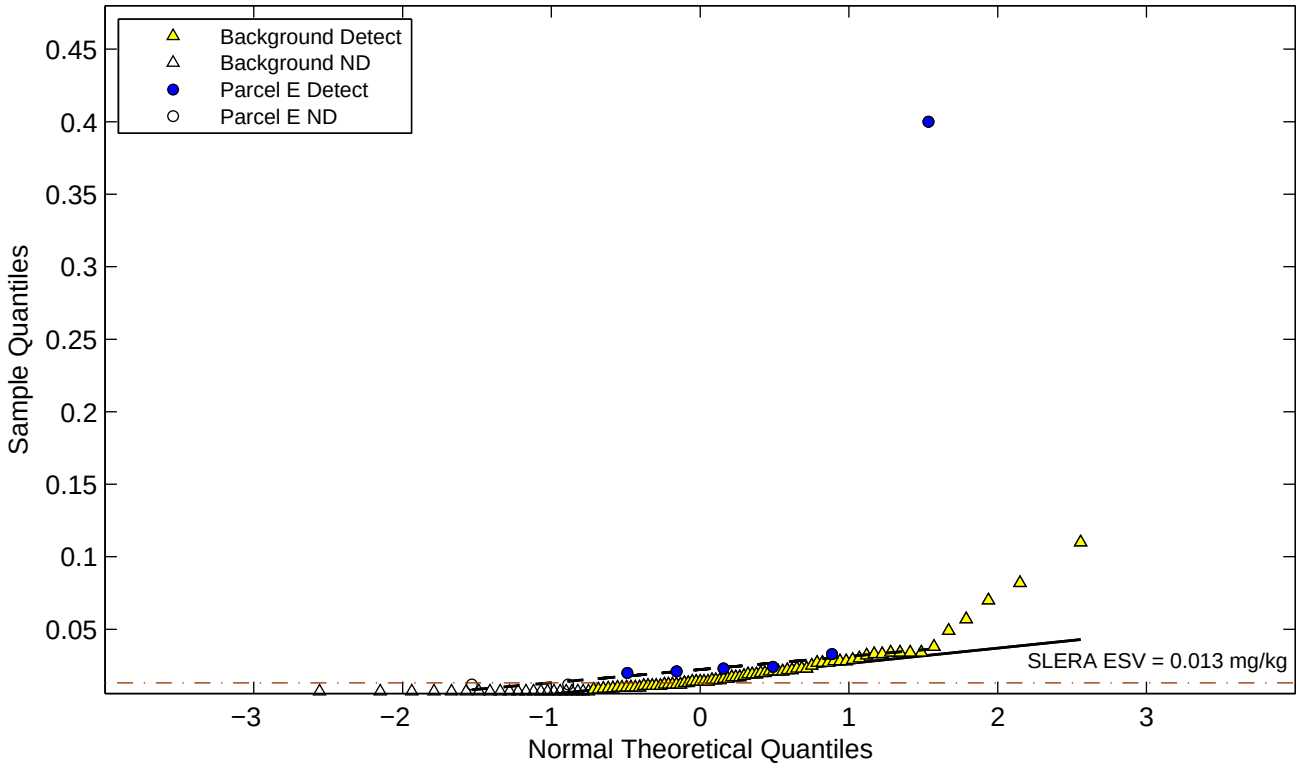


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)
Mercury



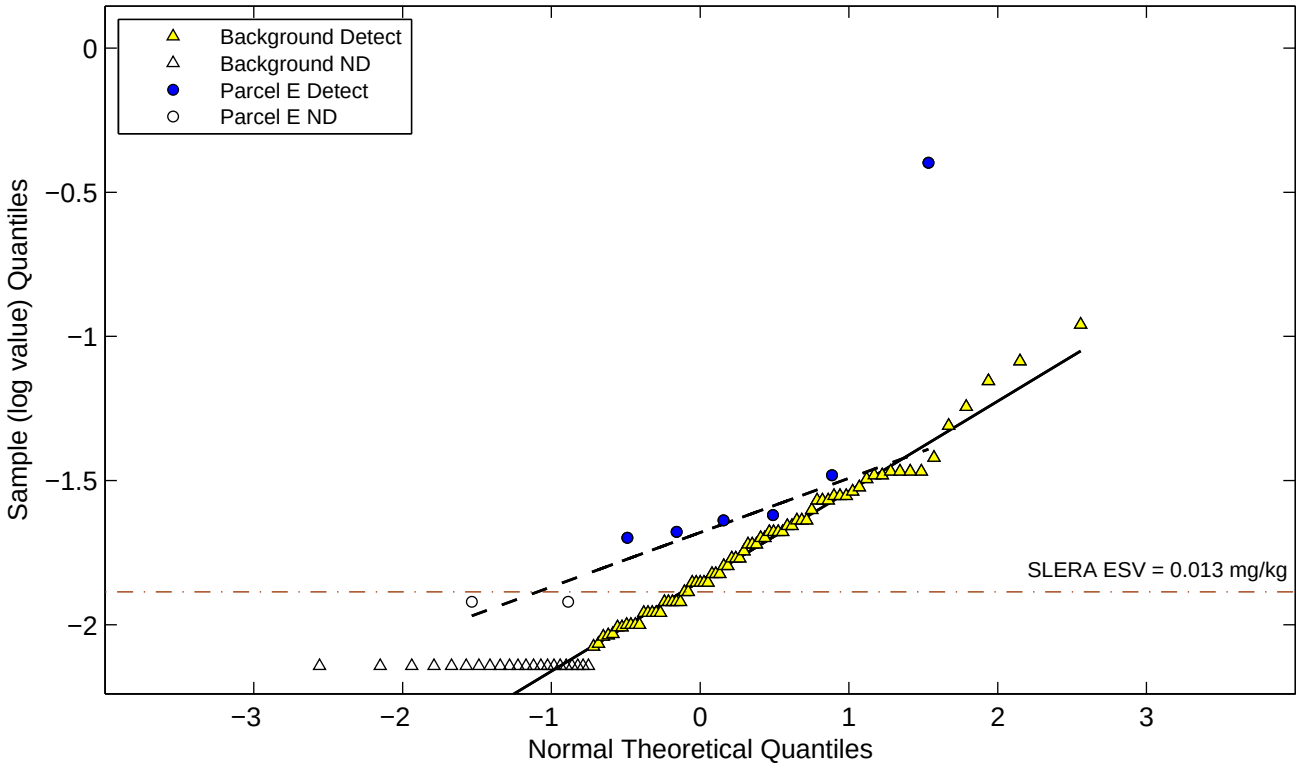
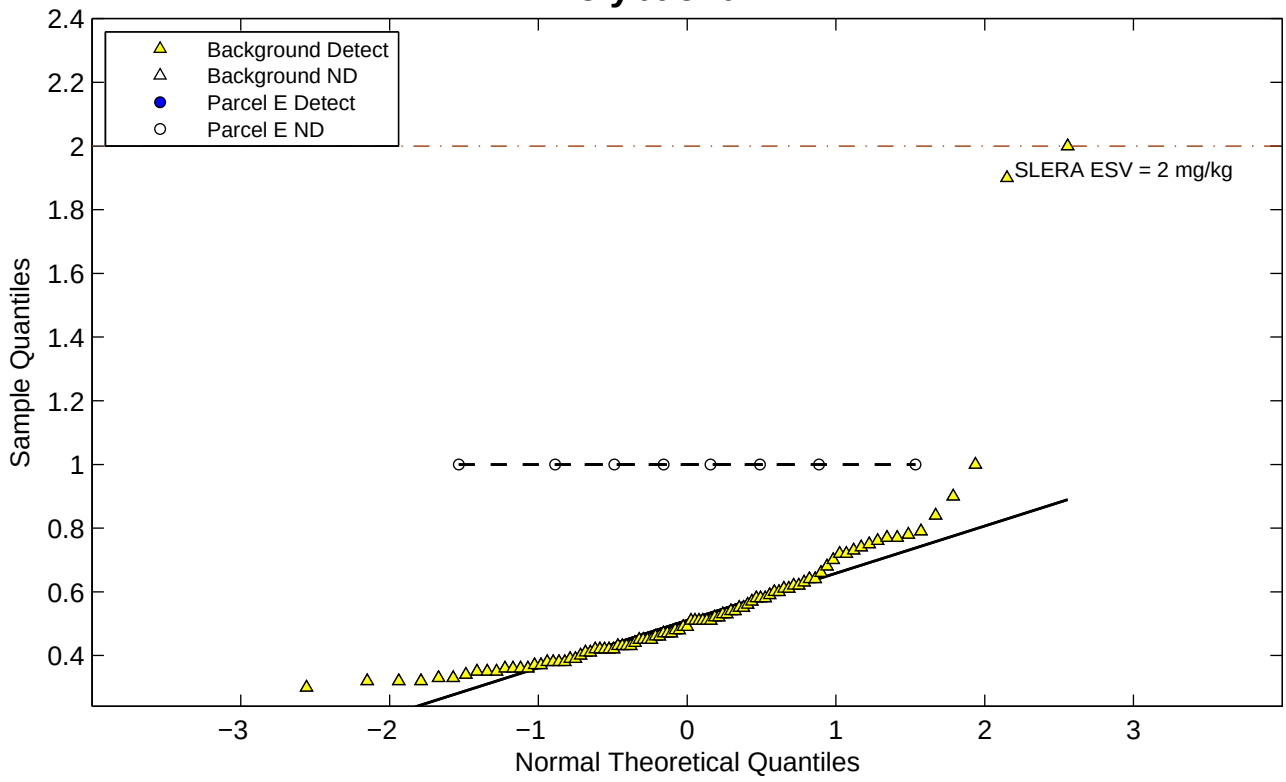


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)
Molybdenum



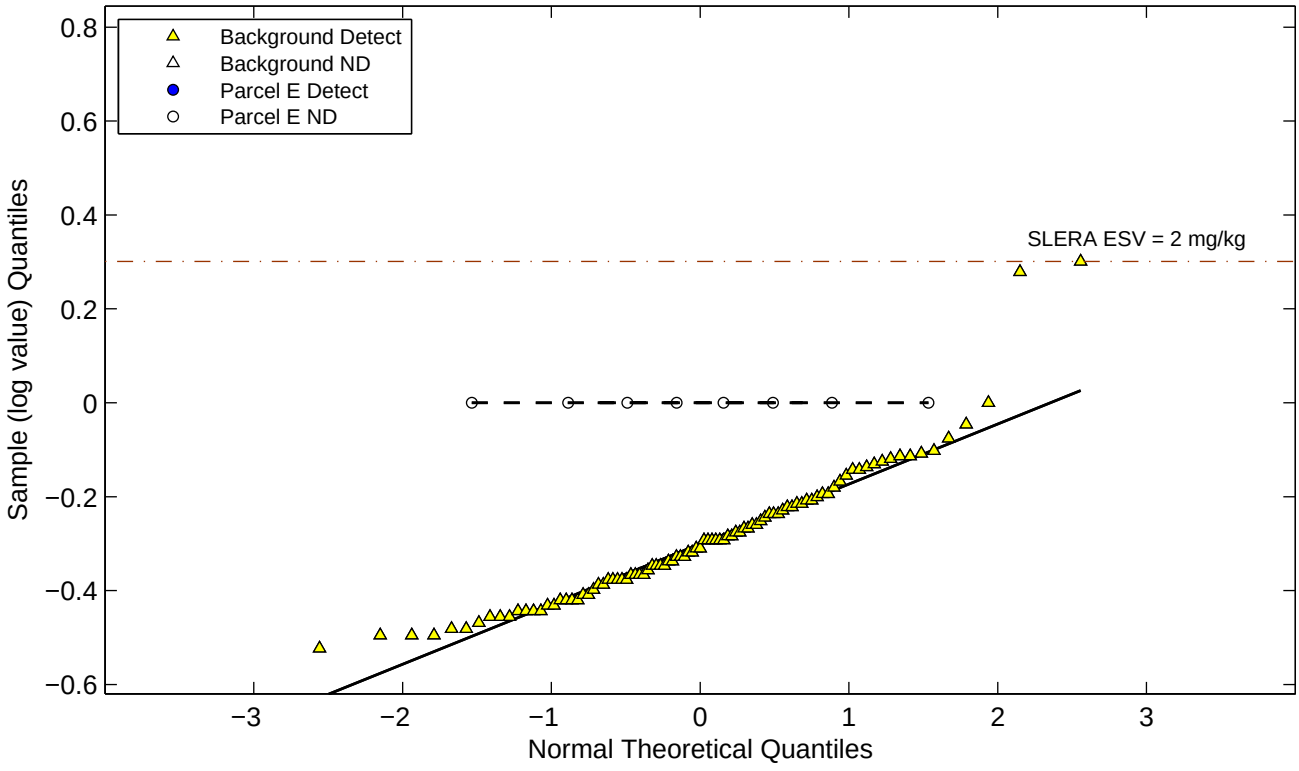
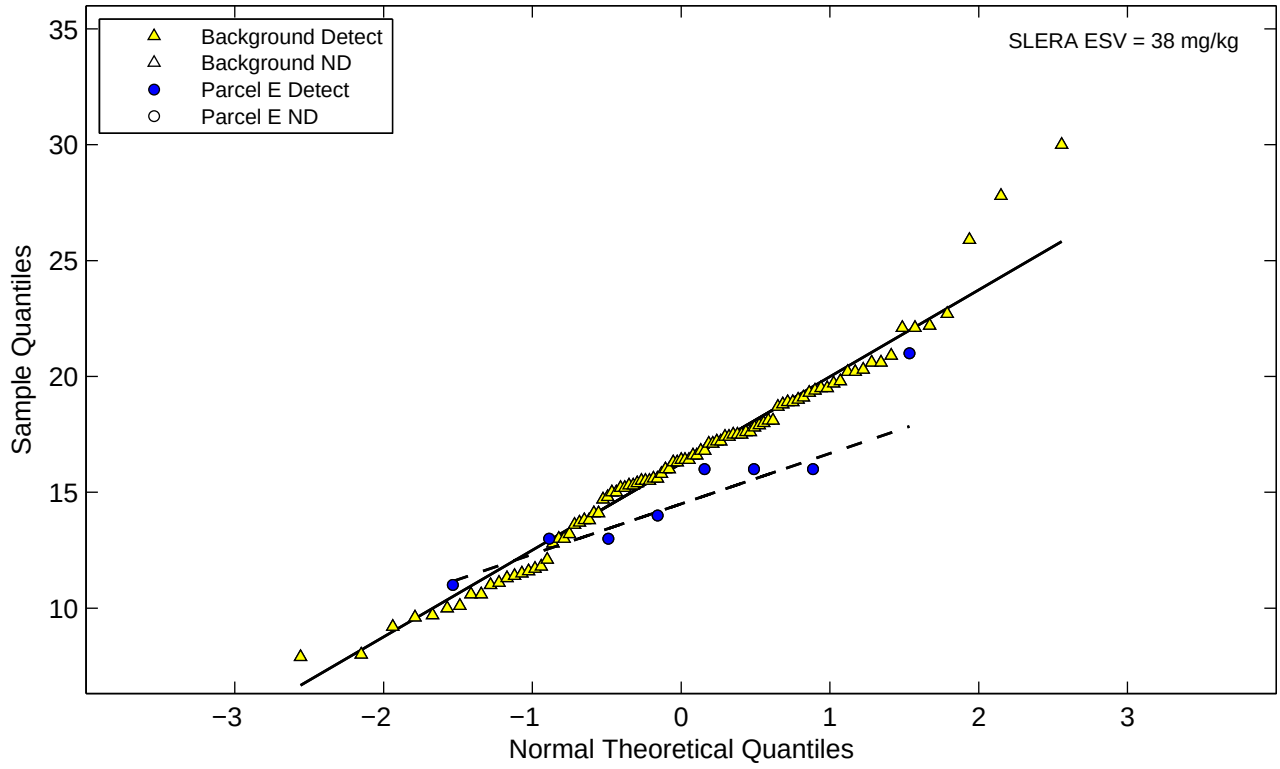


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)
Nickel



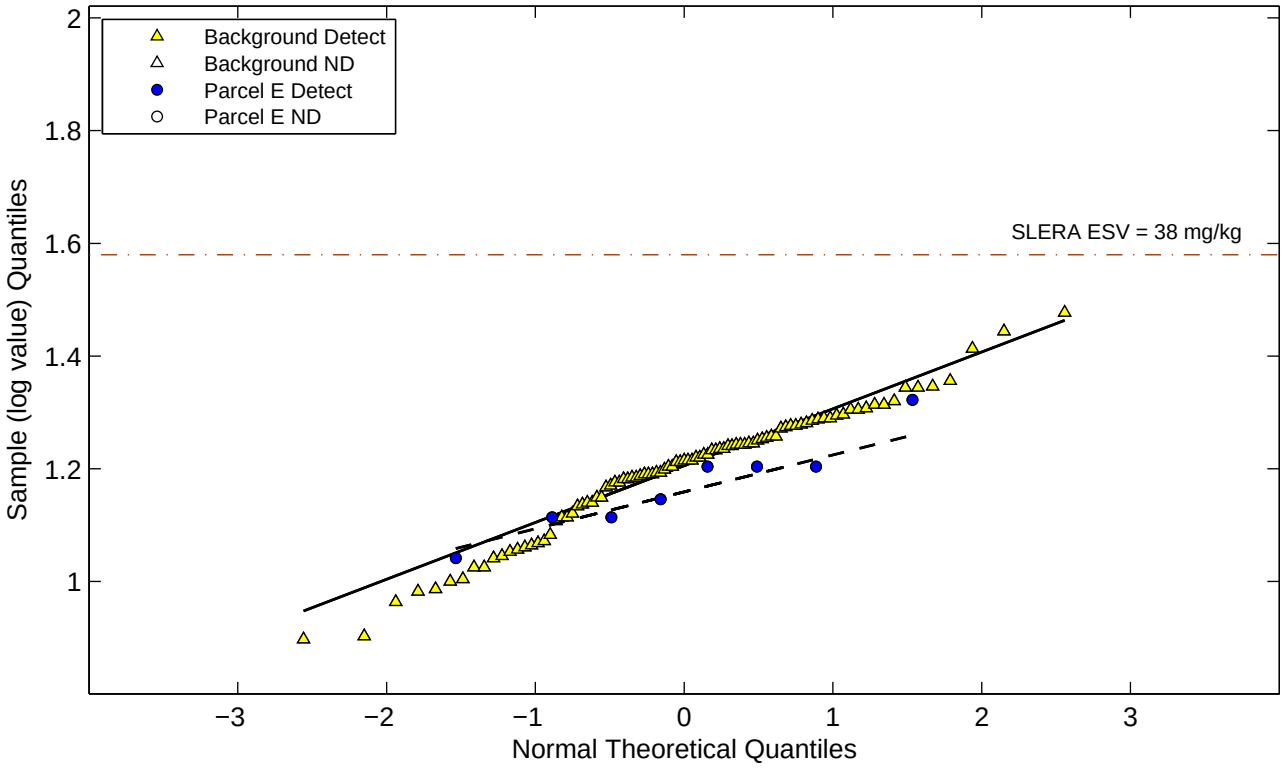
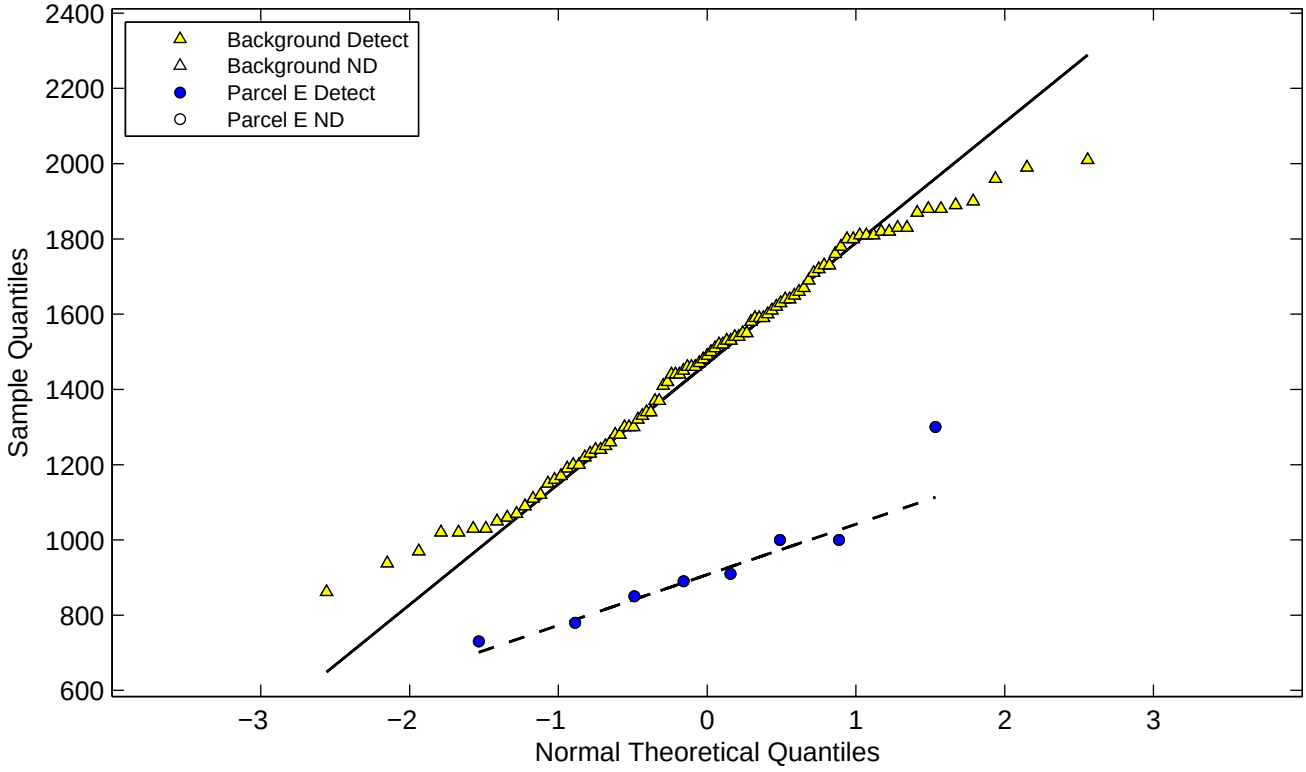


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)
Phosphorus (total)



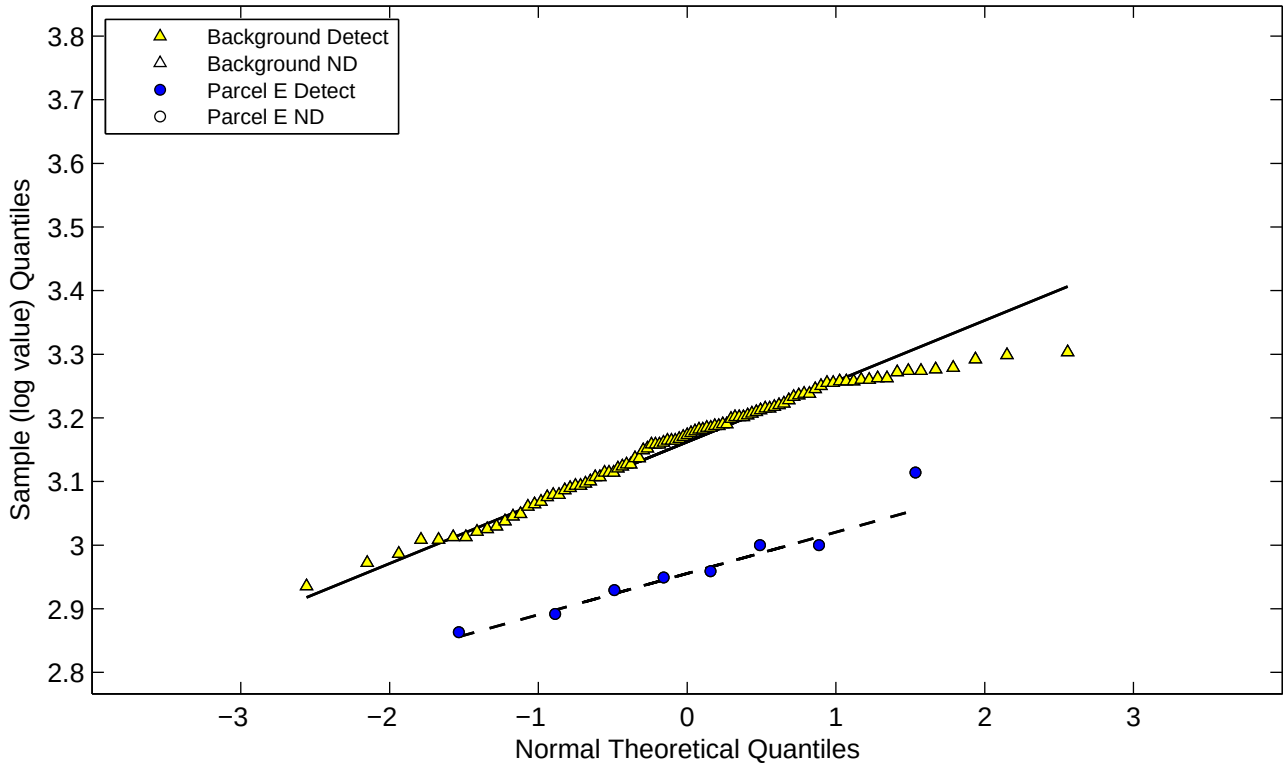
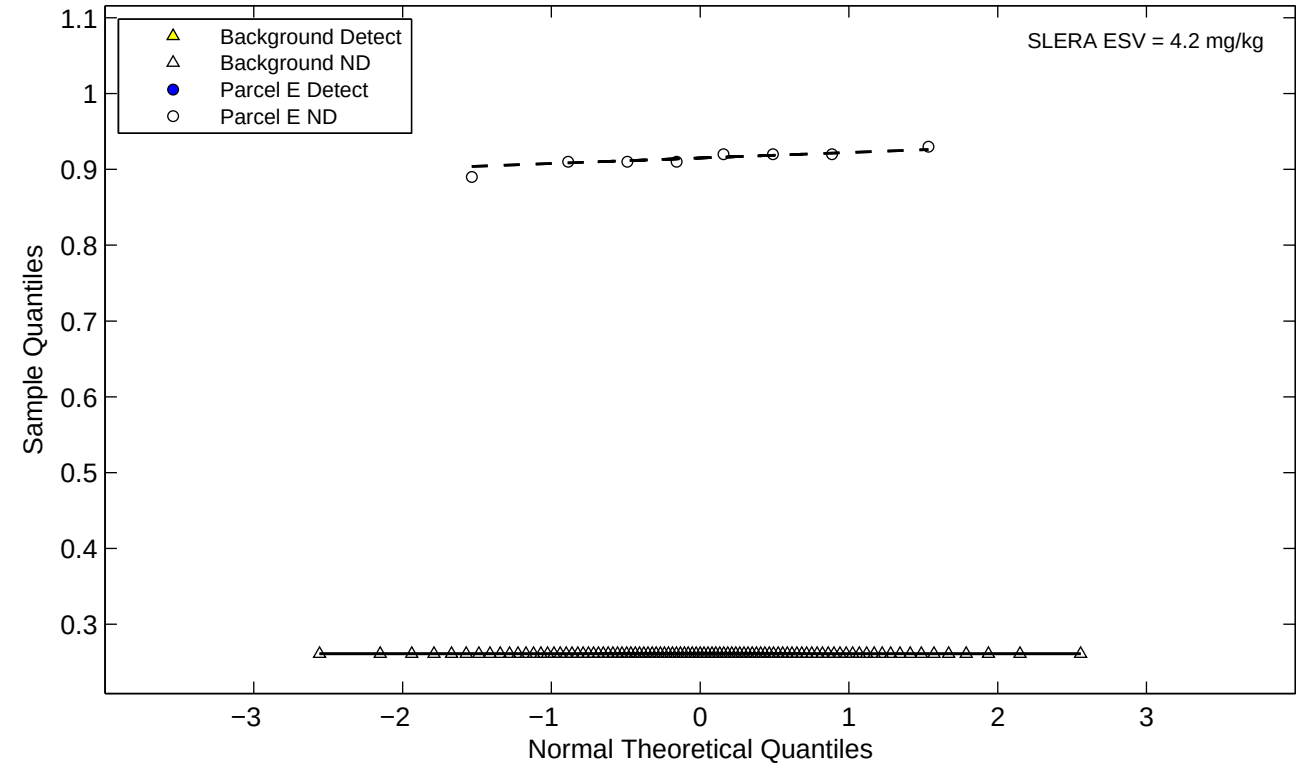


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)
Silver



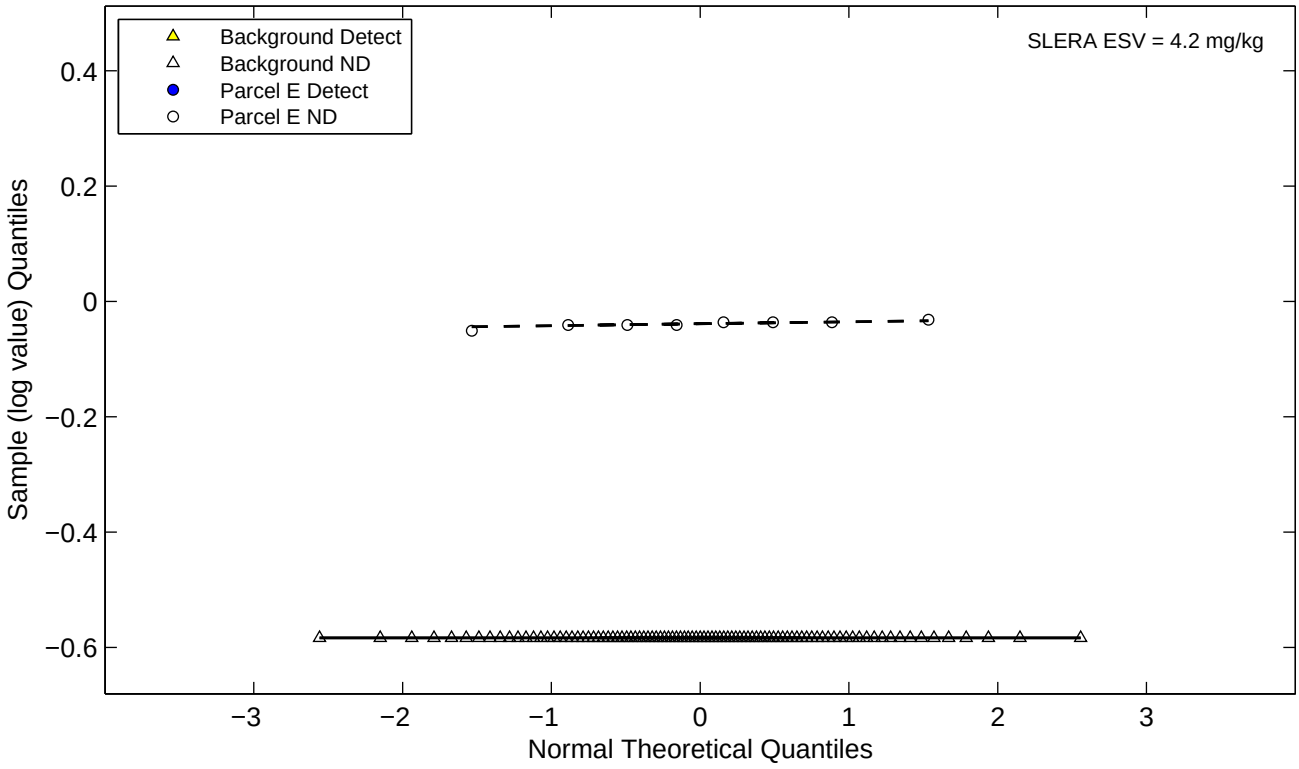
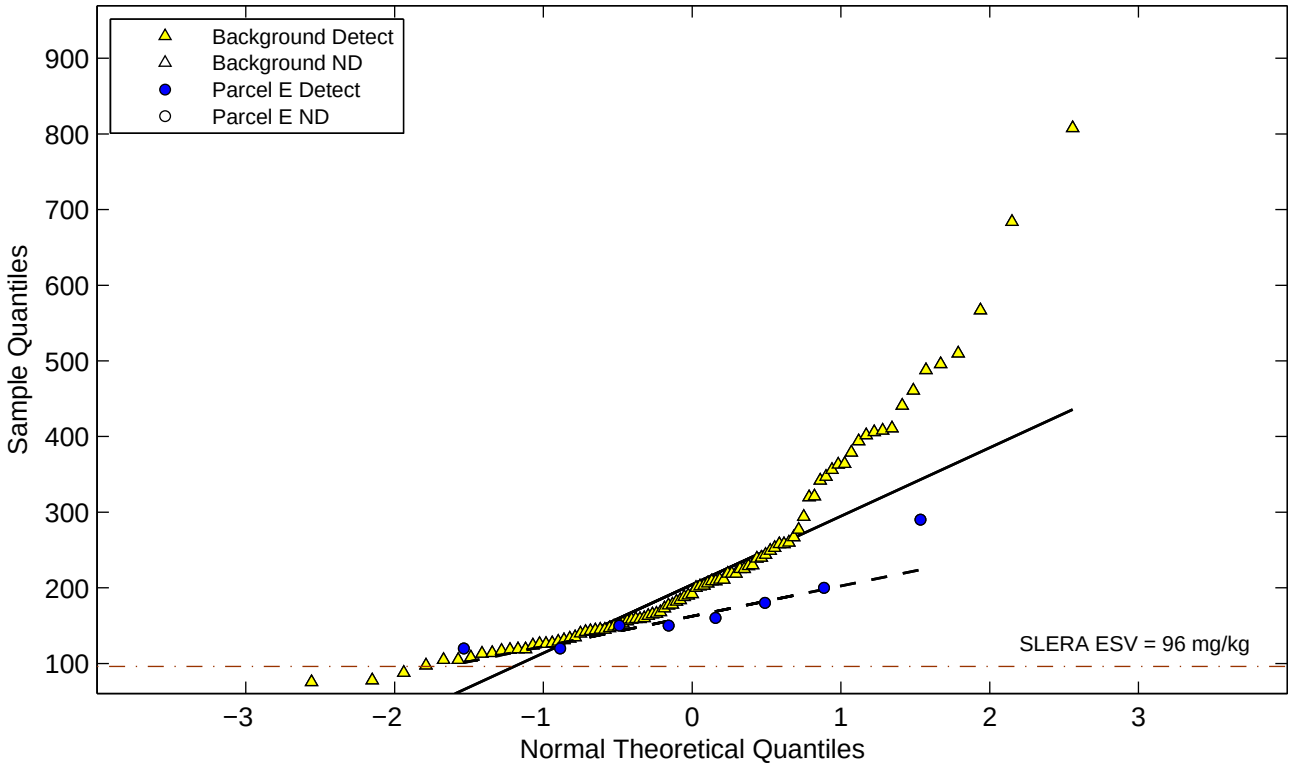


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)
Strontium



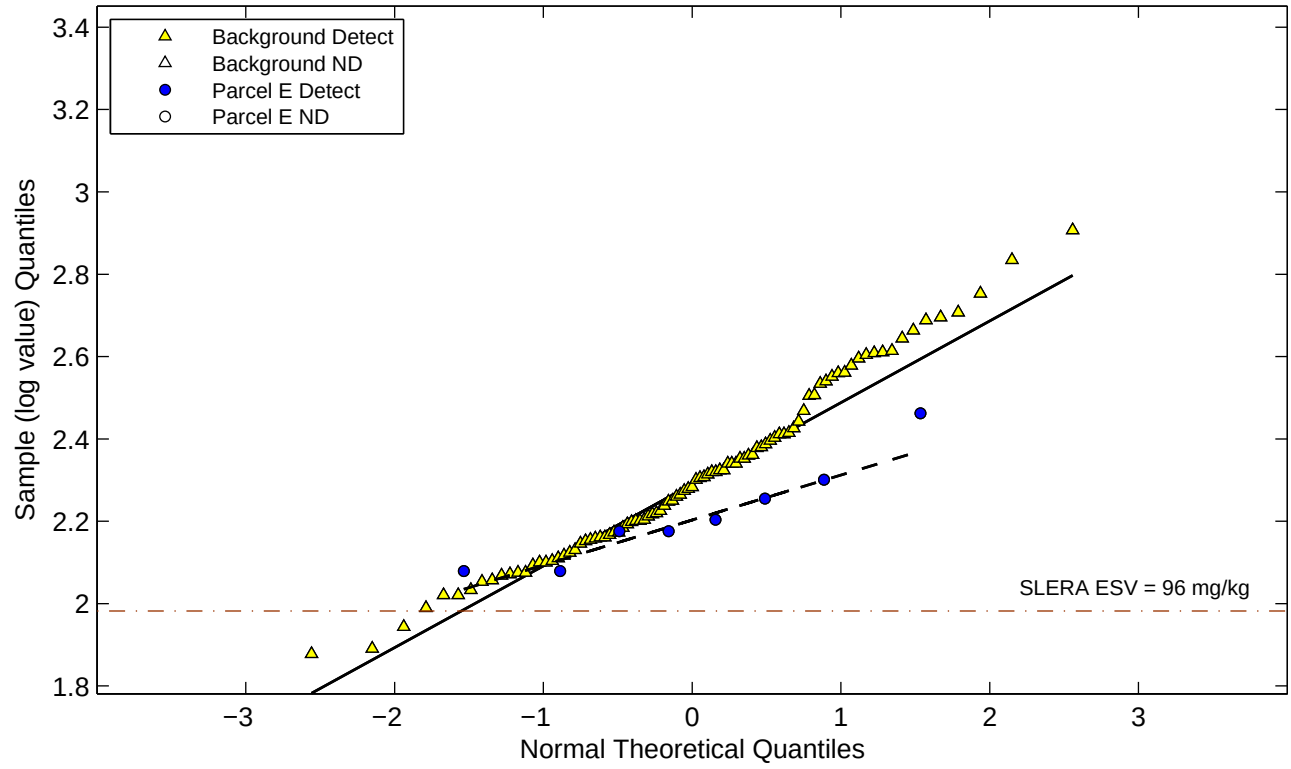
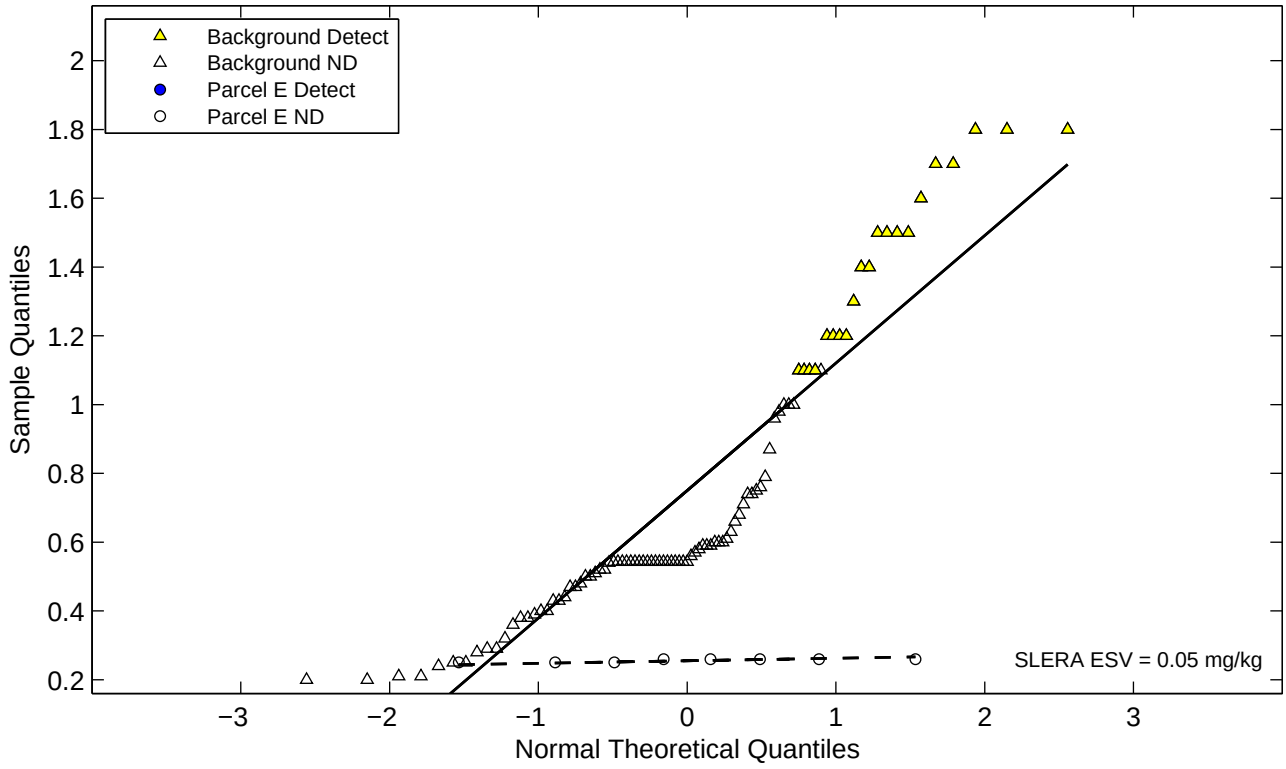


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)
Thallium



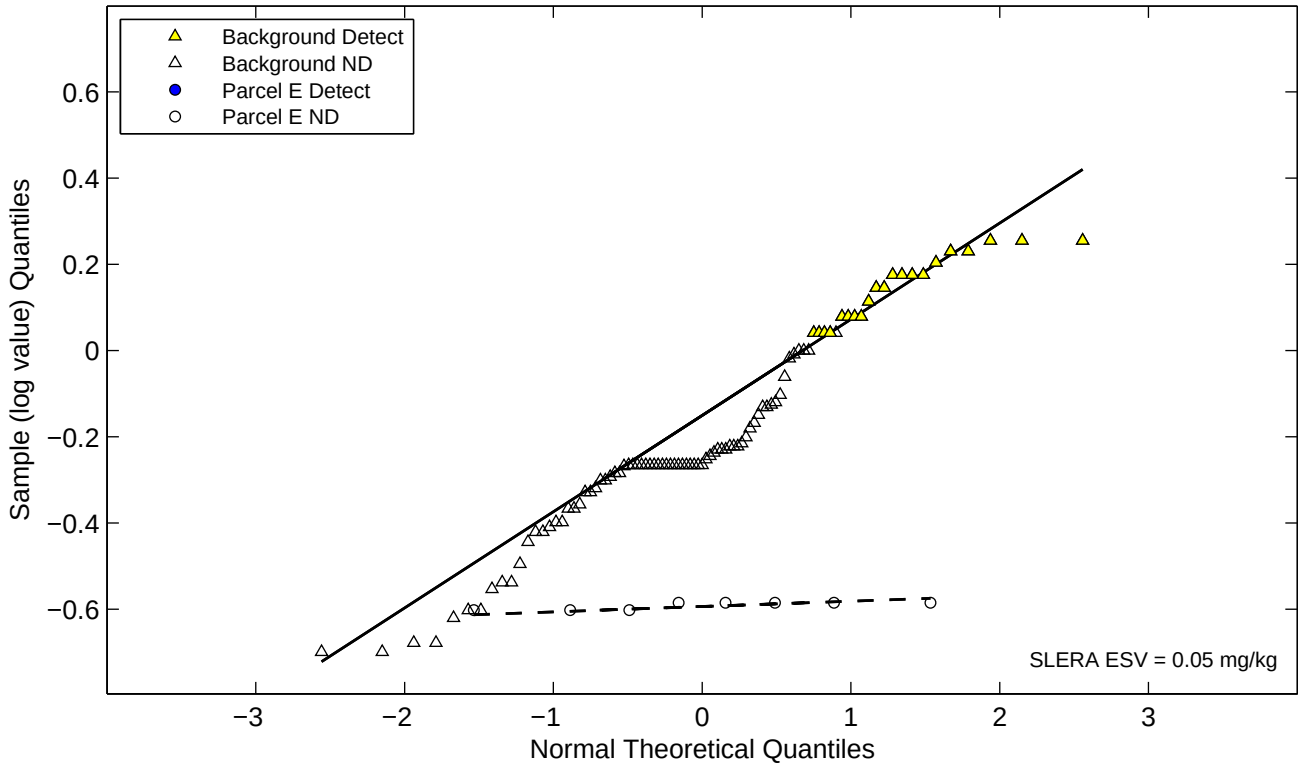
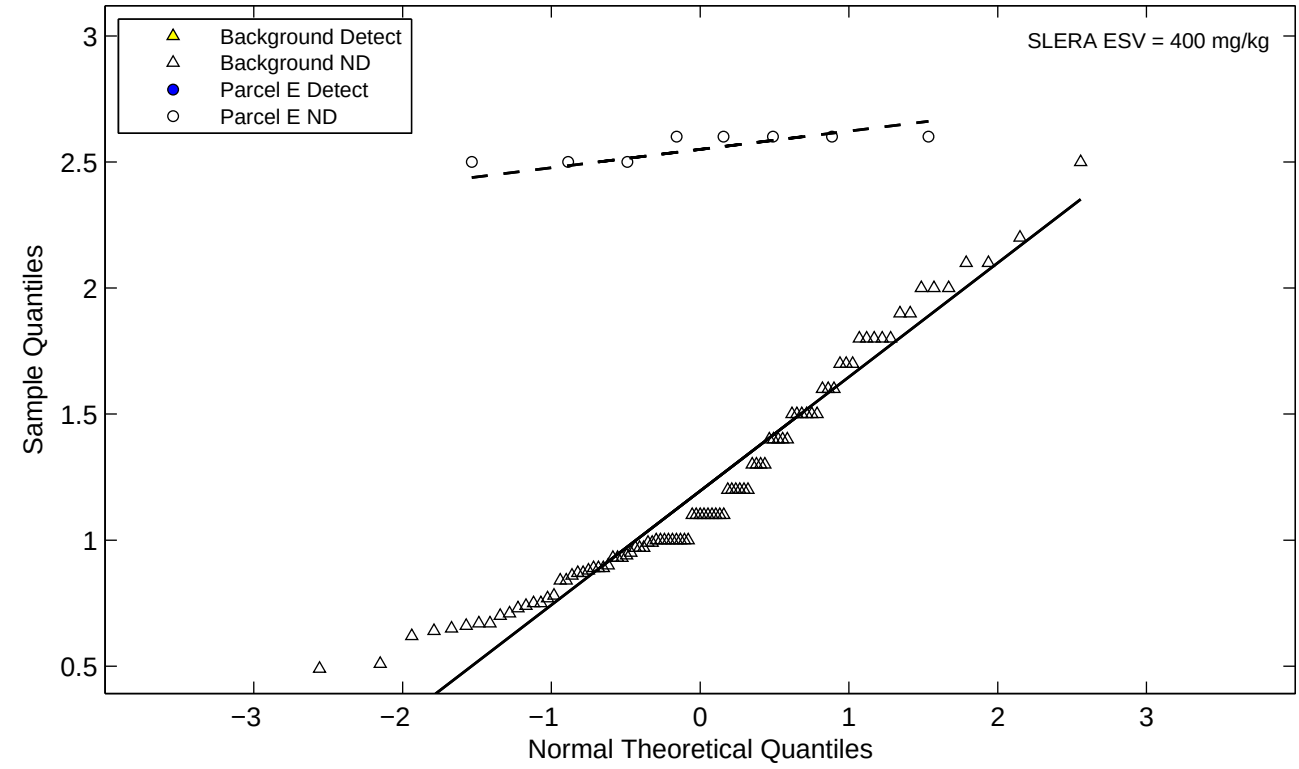


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)
Tungsten



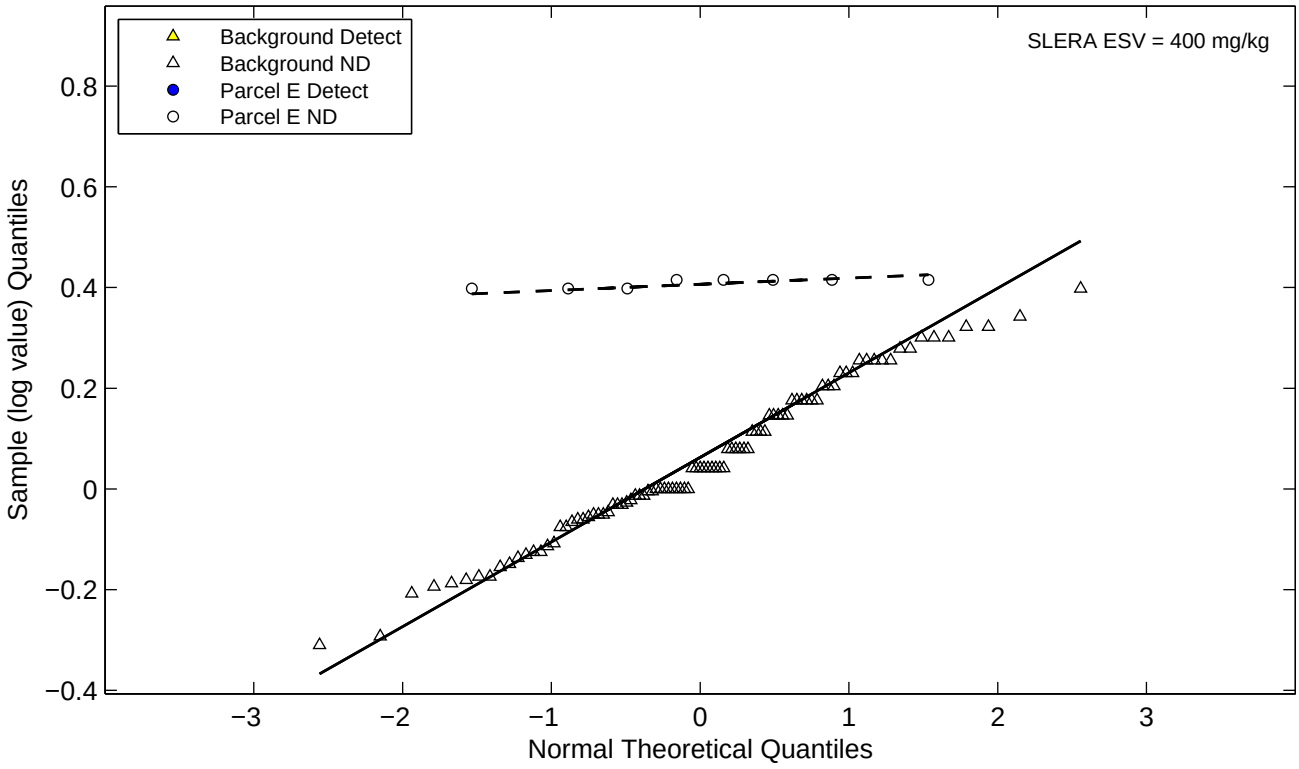
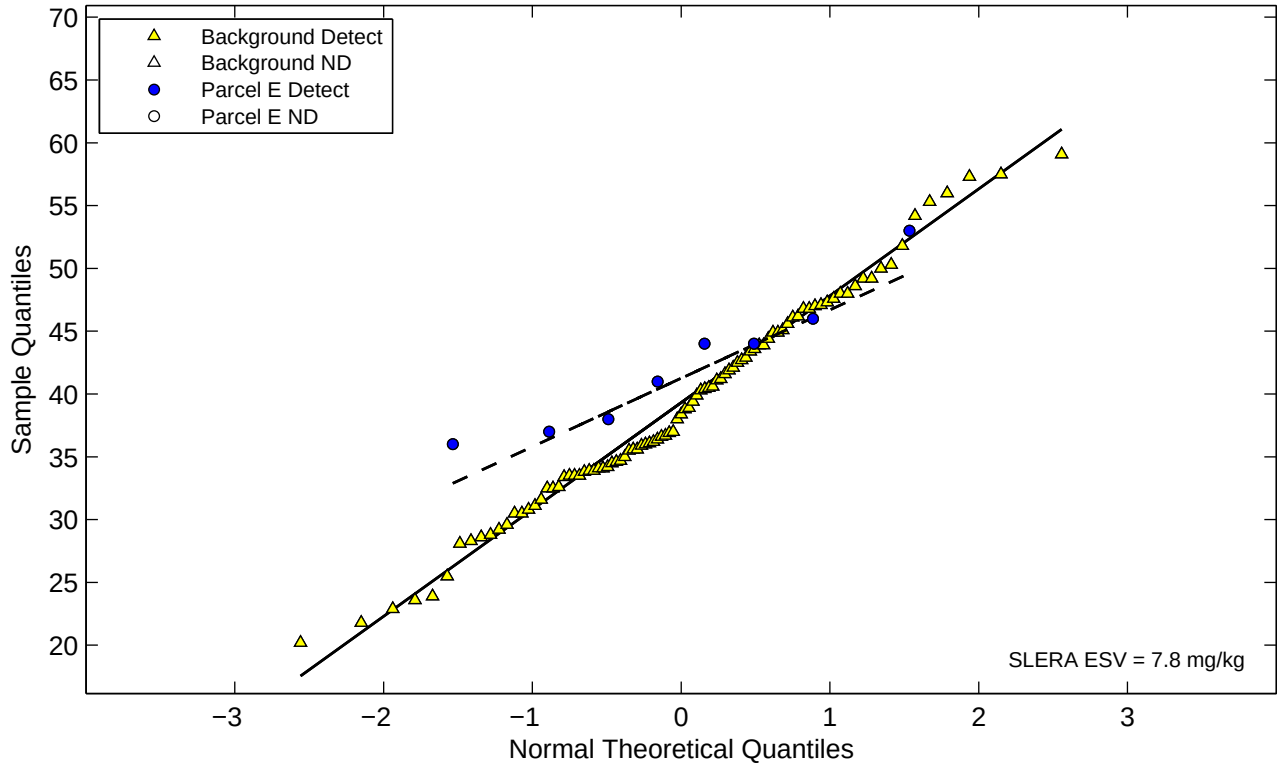


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)
Vanadium



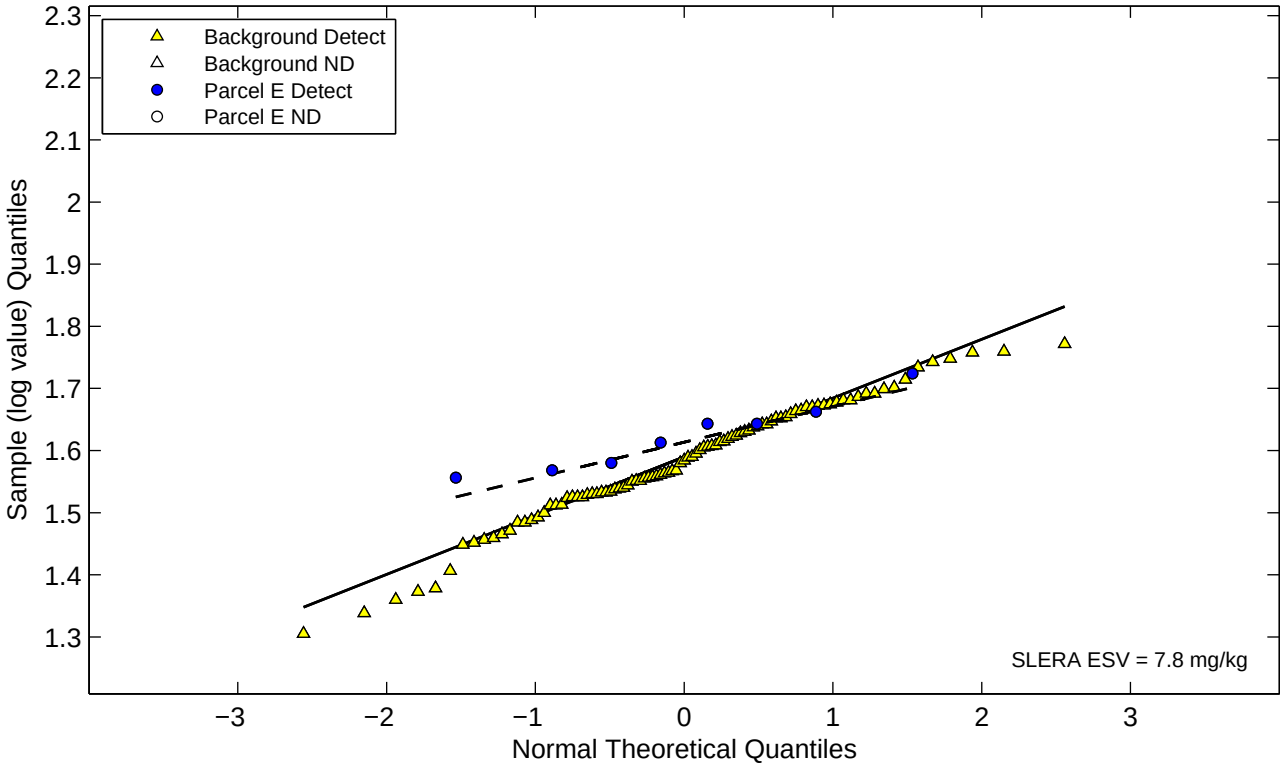
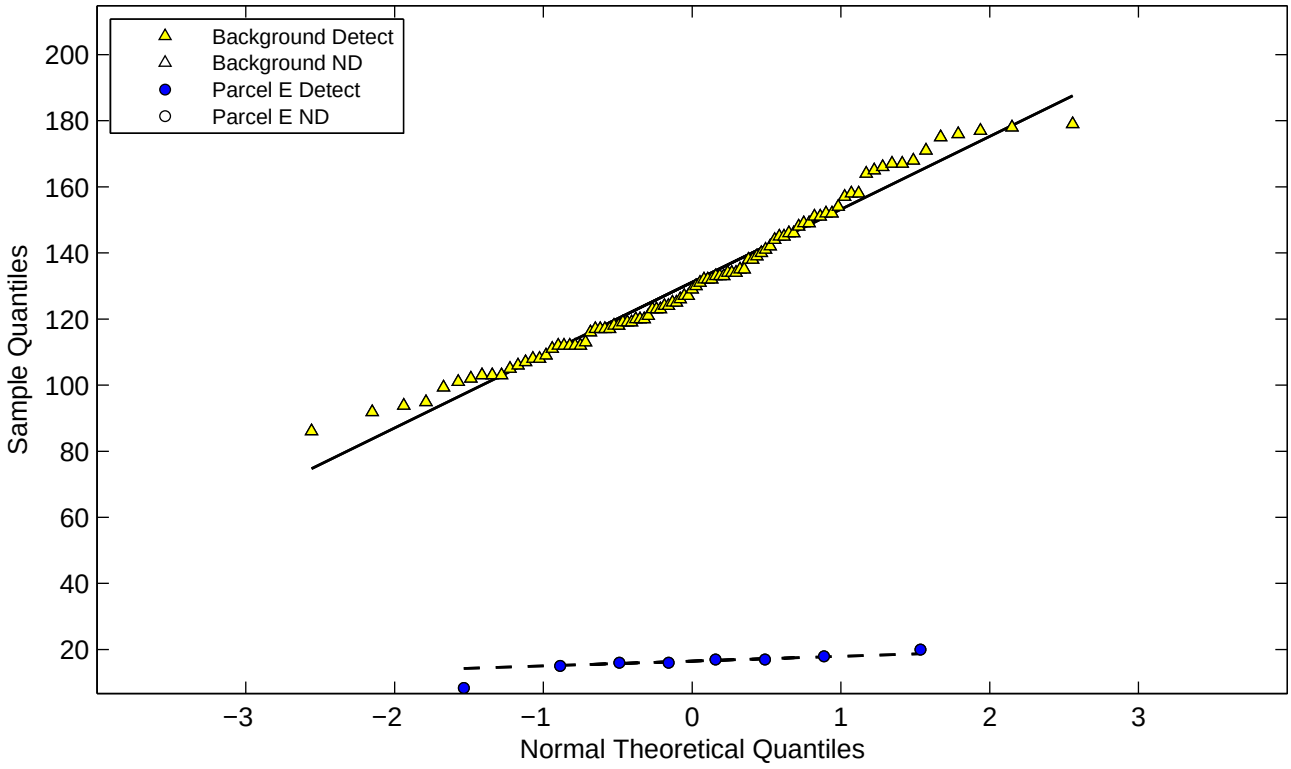


Figure E−2k. Normal and Lognormal Q−Q Plots for Metals (Parcel E)
Zirconium



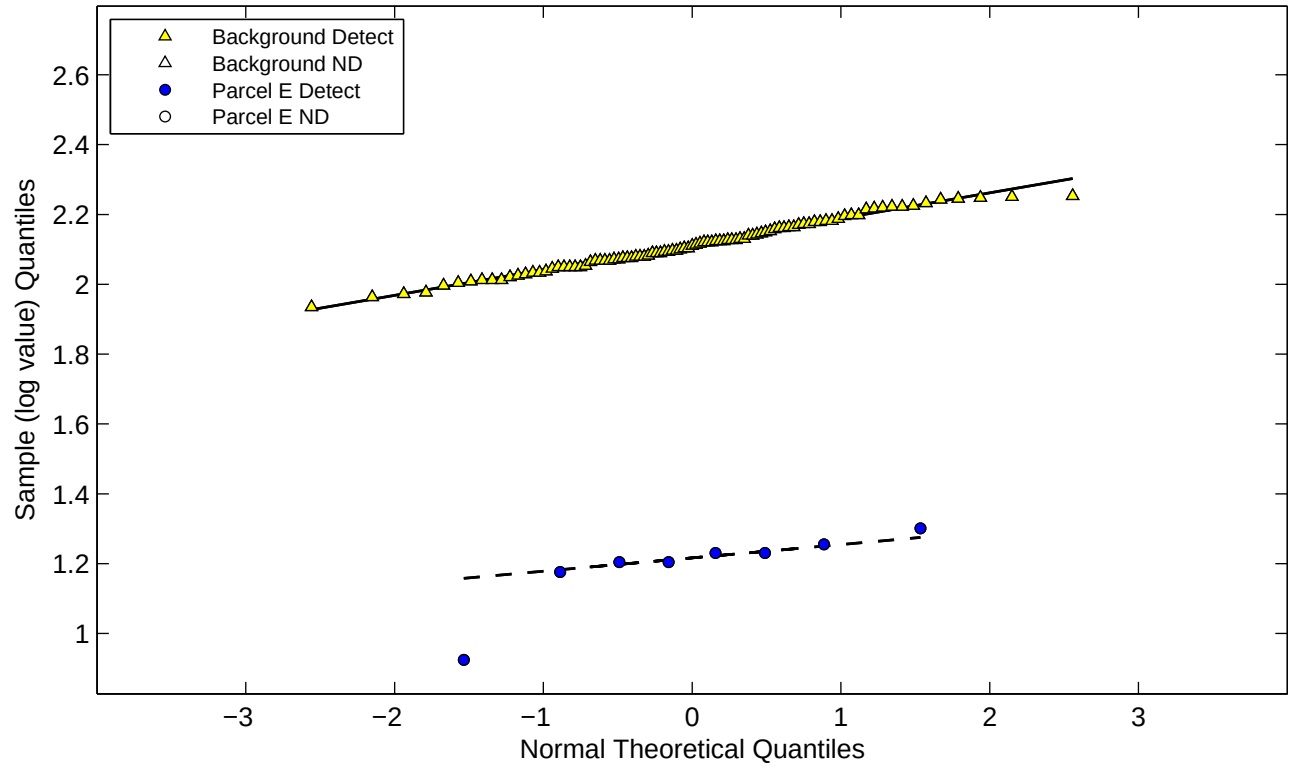
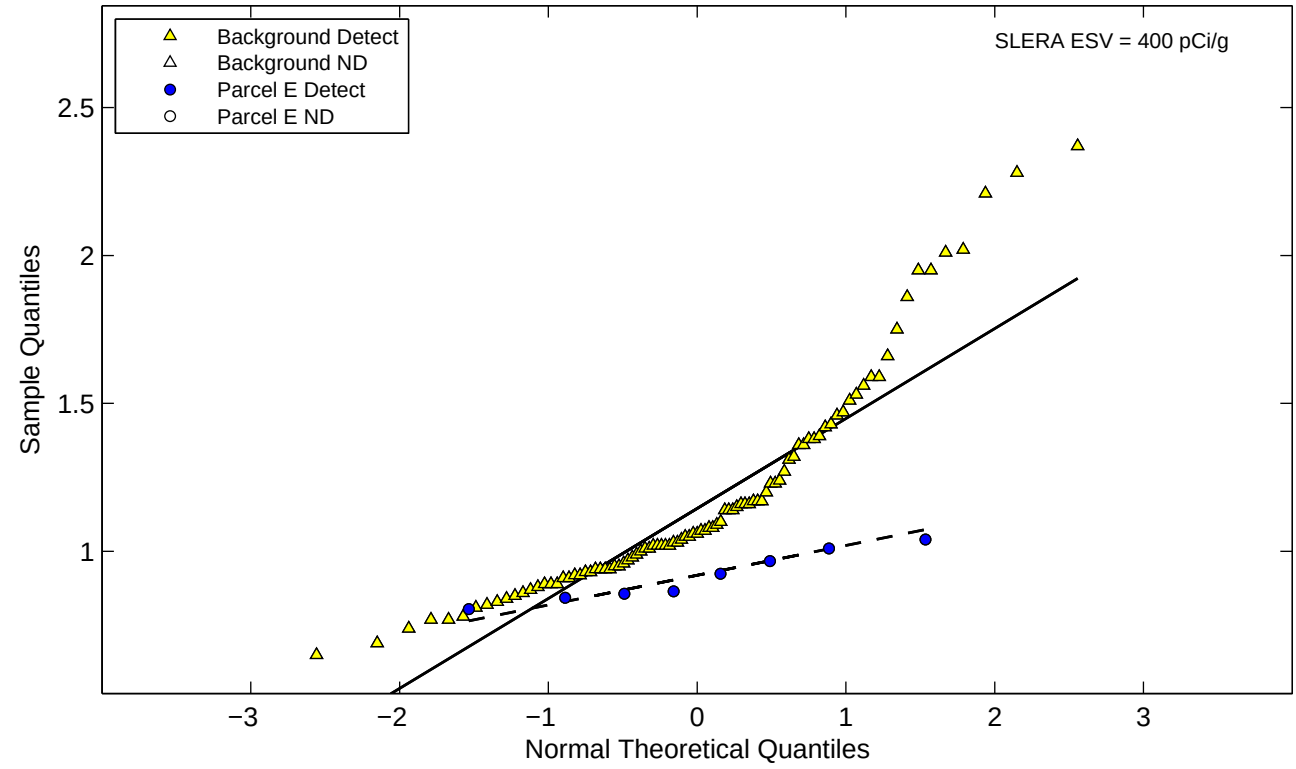


Figure E−2l. Normal and Lognormal Q−Q Plots for Radionuclides (Parcel E)
Uranium−238



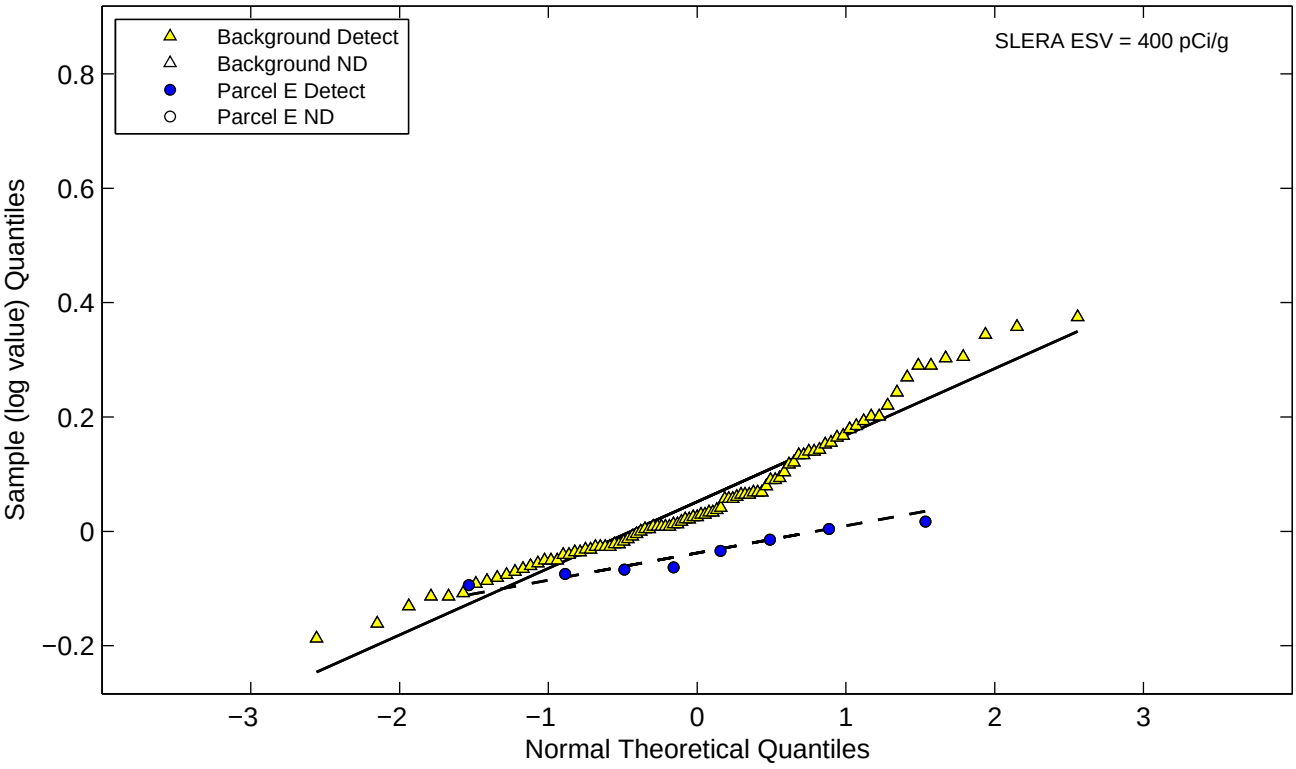
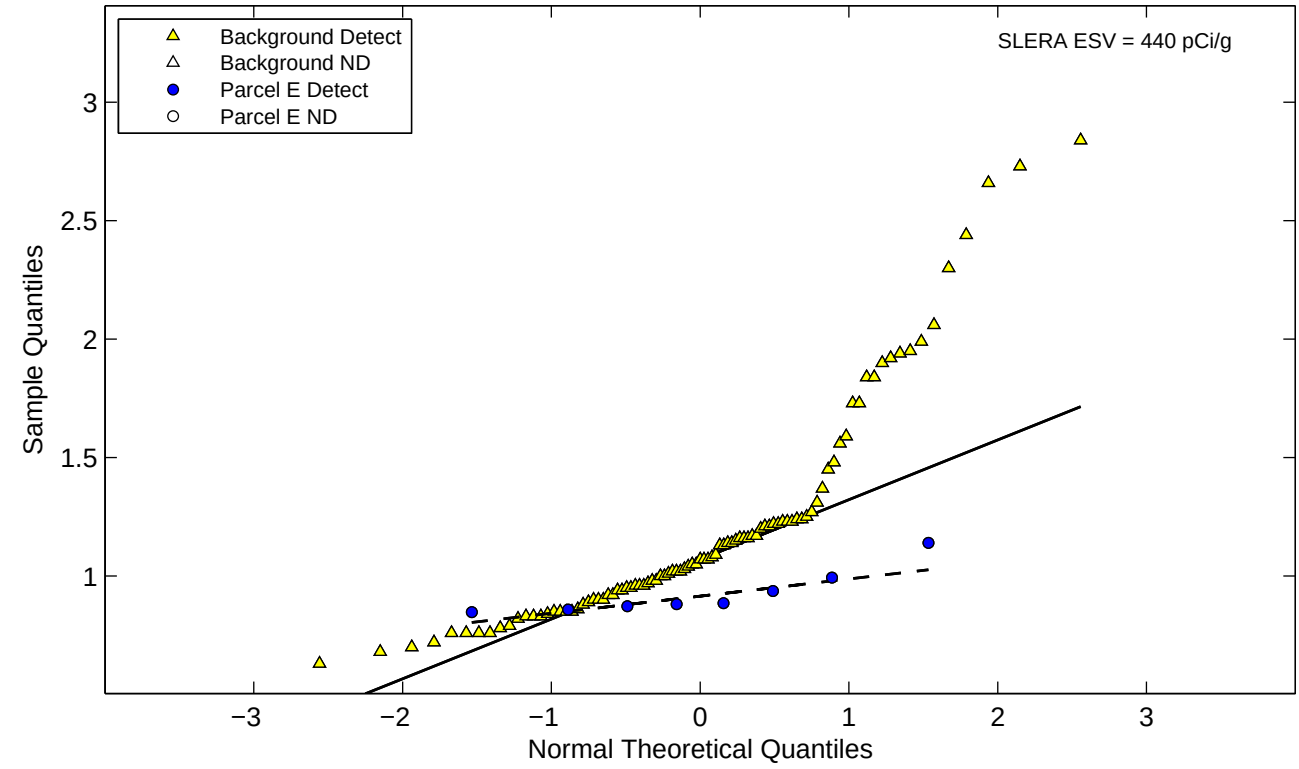


Figure E−2l. Normal and Lognormal Q−Q Plots for Radionuclides (Parcel E)
Uranium−234



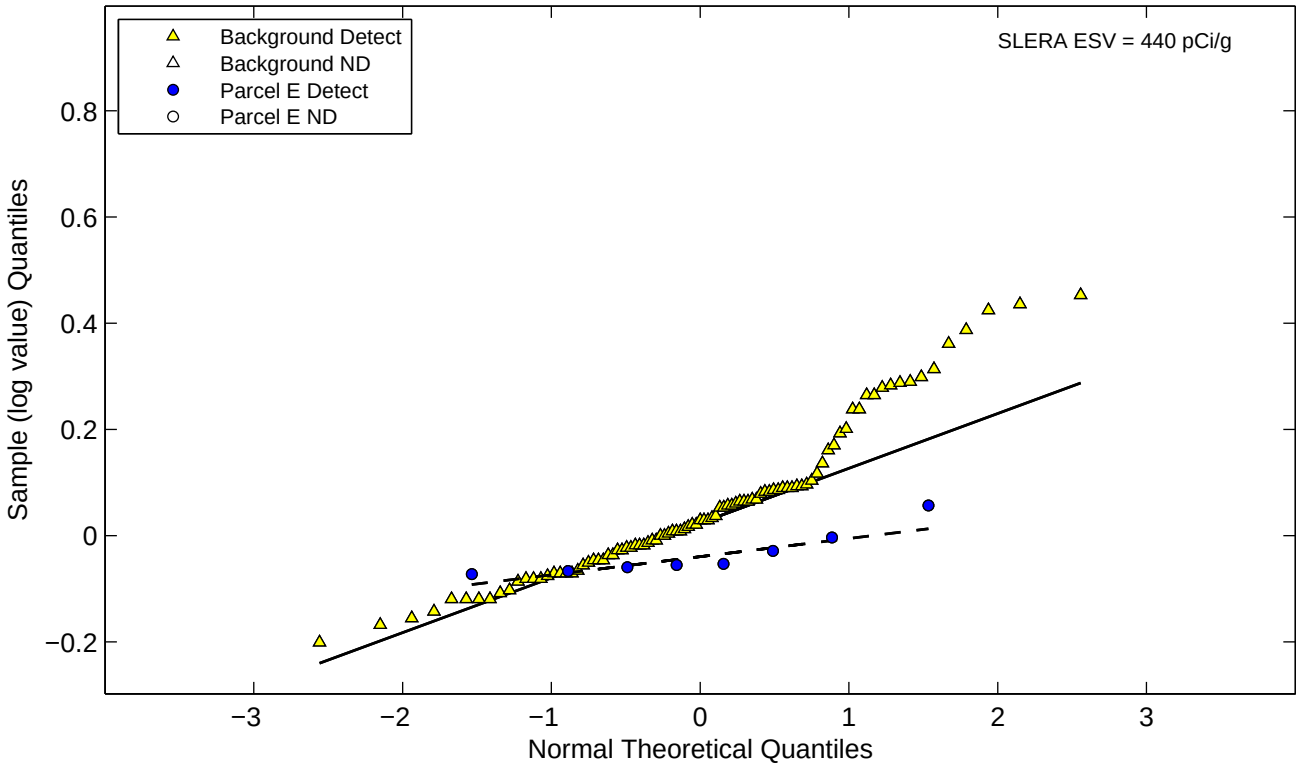
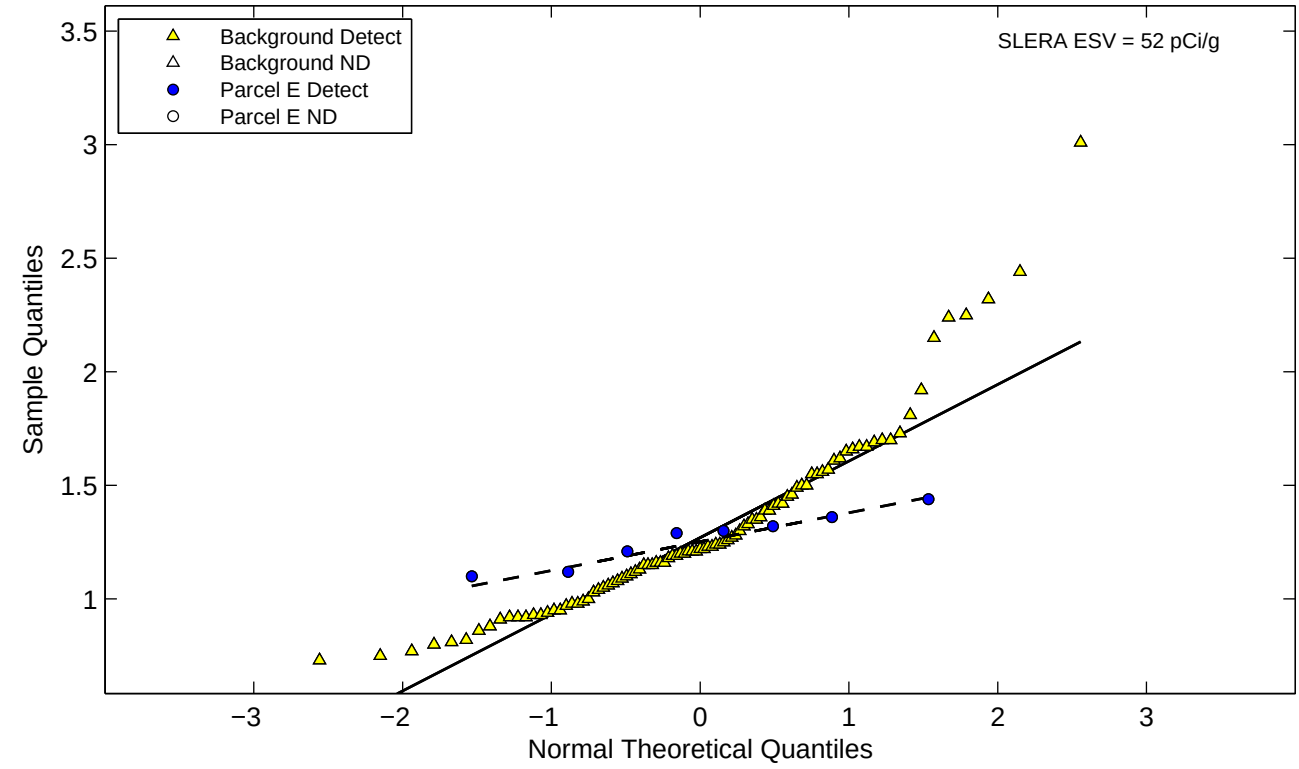


Figure E−2l. Normal and Lognormal Q−Q Plots for Radionuclides (Parcel E)
Thorium−230



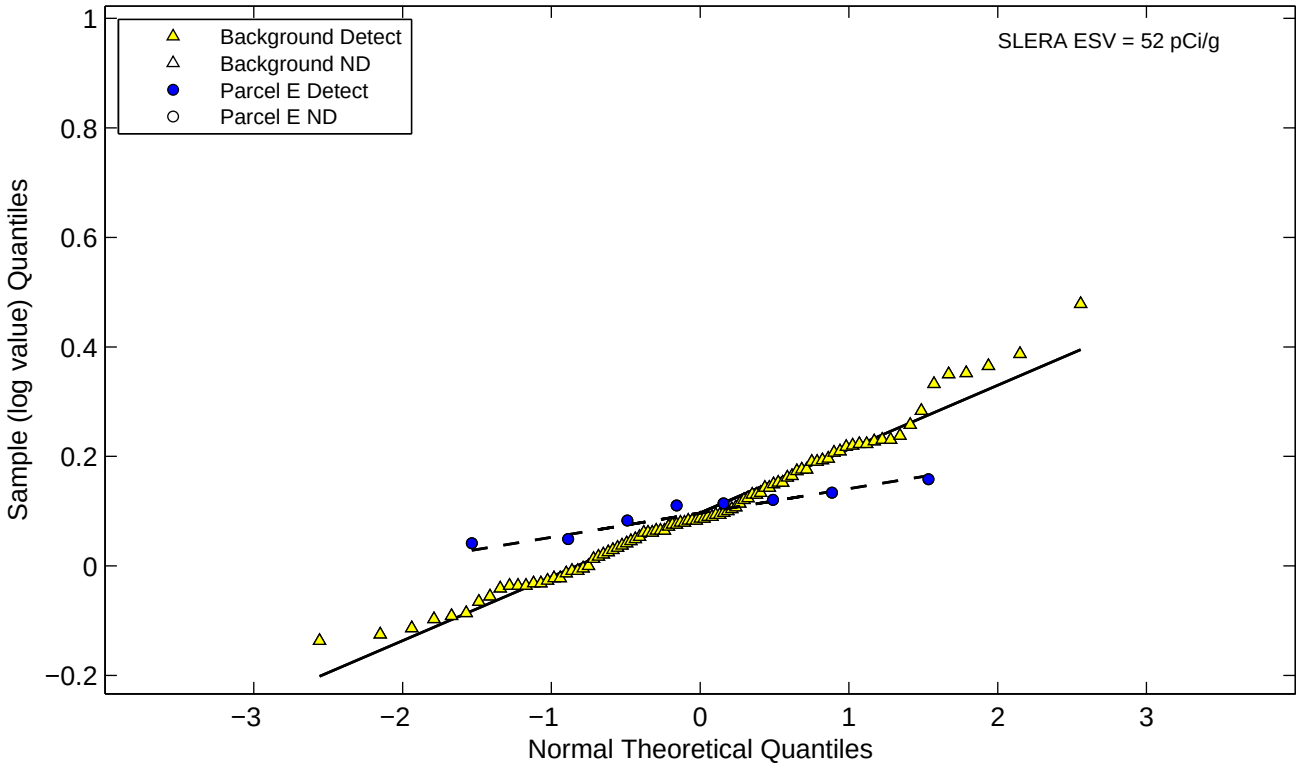
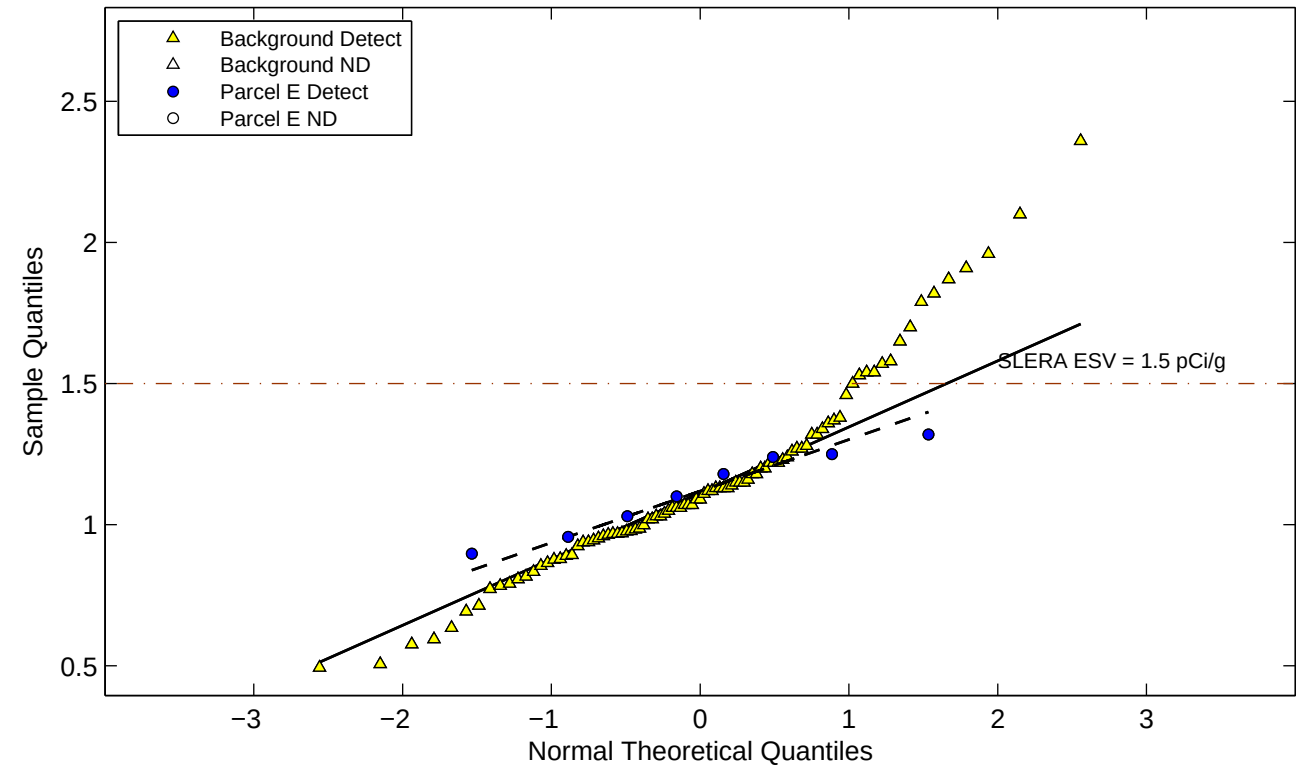


Figure E−2l. Normal and Lognormal Q−Q Plots for Radionuclides (Parcel E)
Radium−226



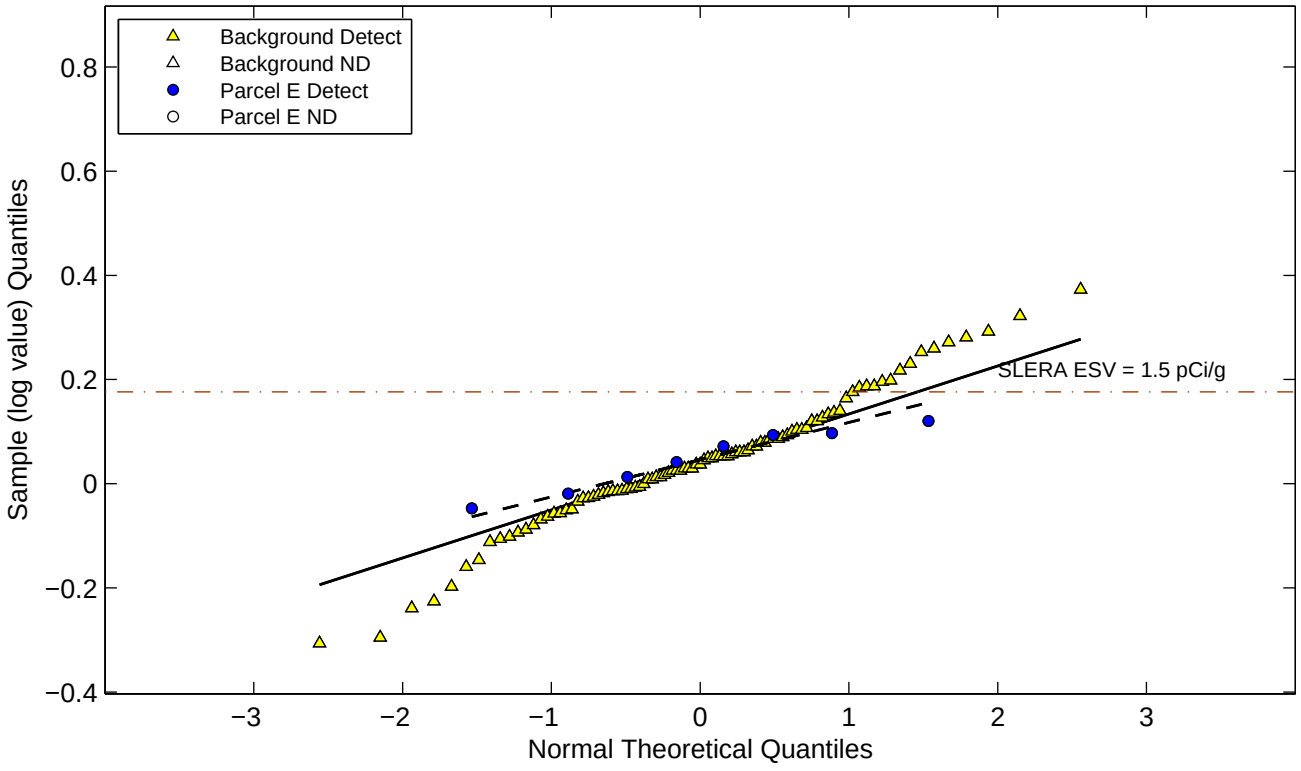
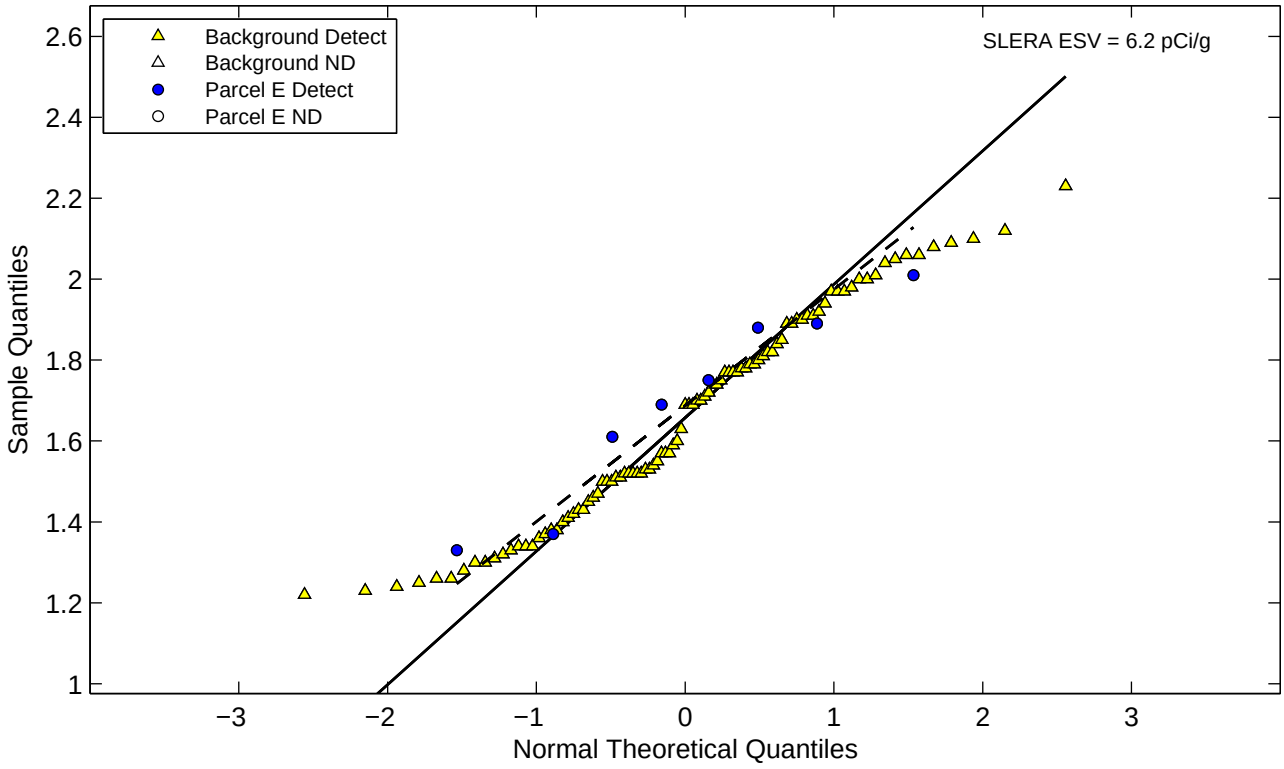


Figure E−2l. Normal and Lognormal Q−Q Plots for Radionuclides (Parcel E)
Thorium−232



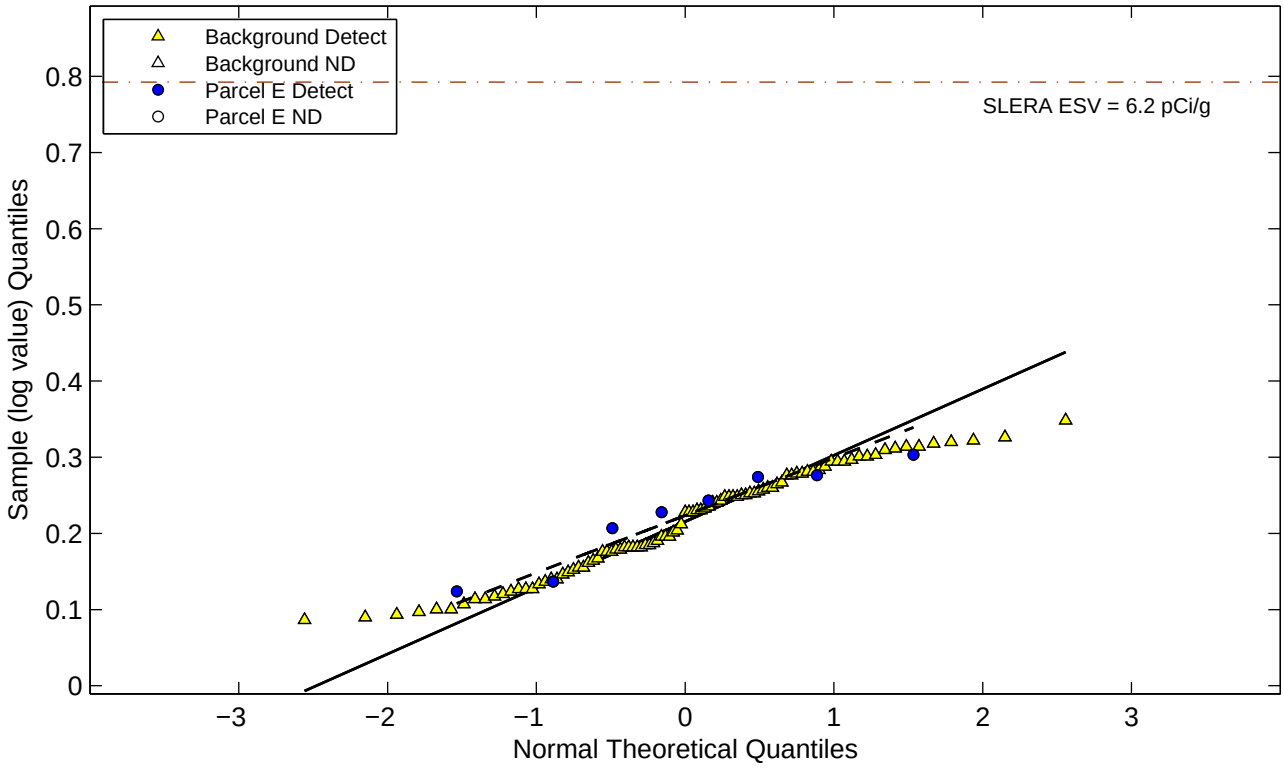
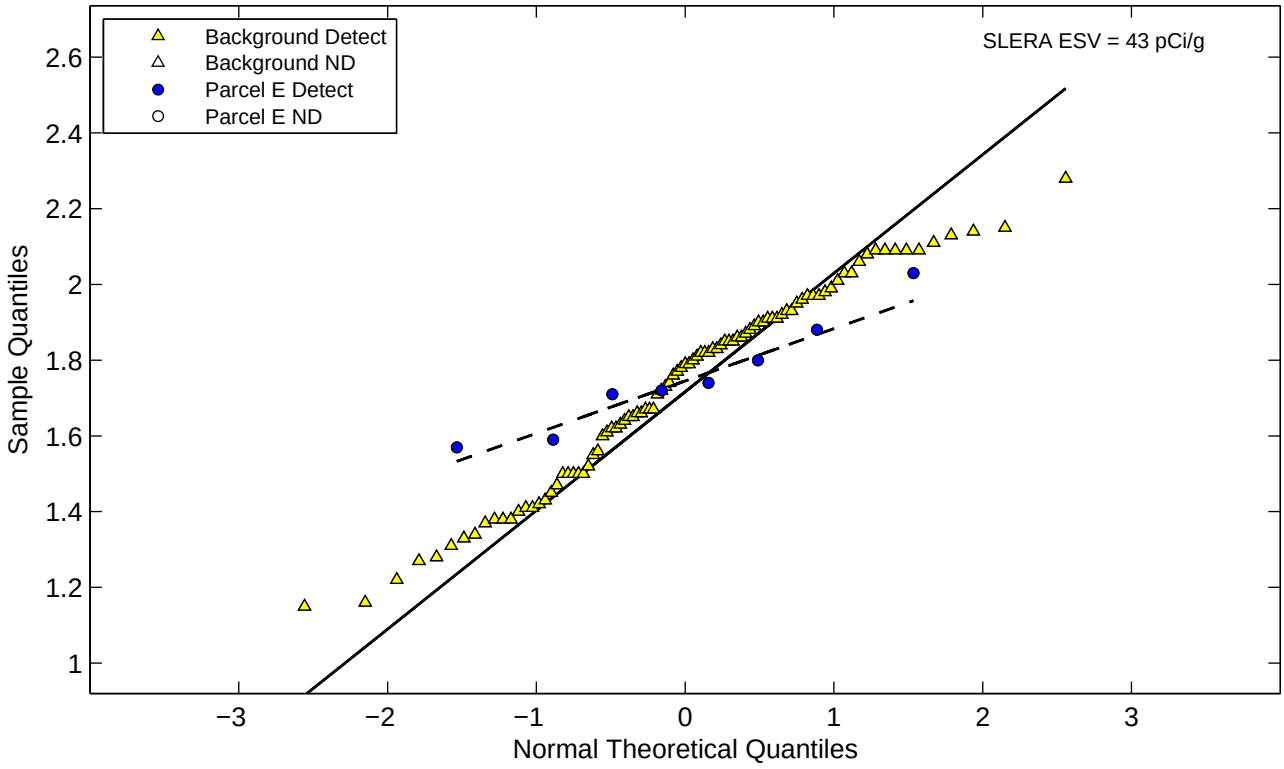


Figure E−2l. Normal and Lognormal Q−Q Plots for Radionuclides (Parcel E)
Thorium−228



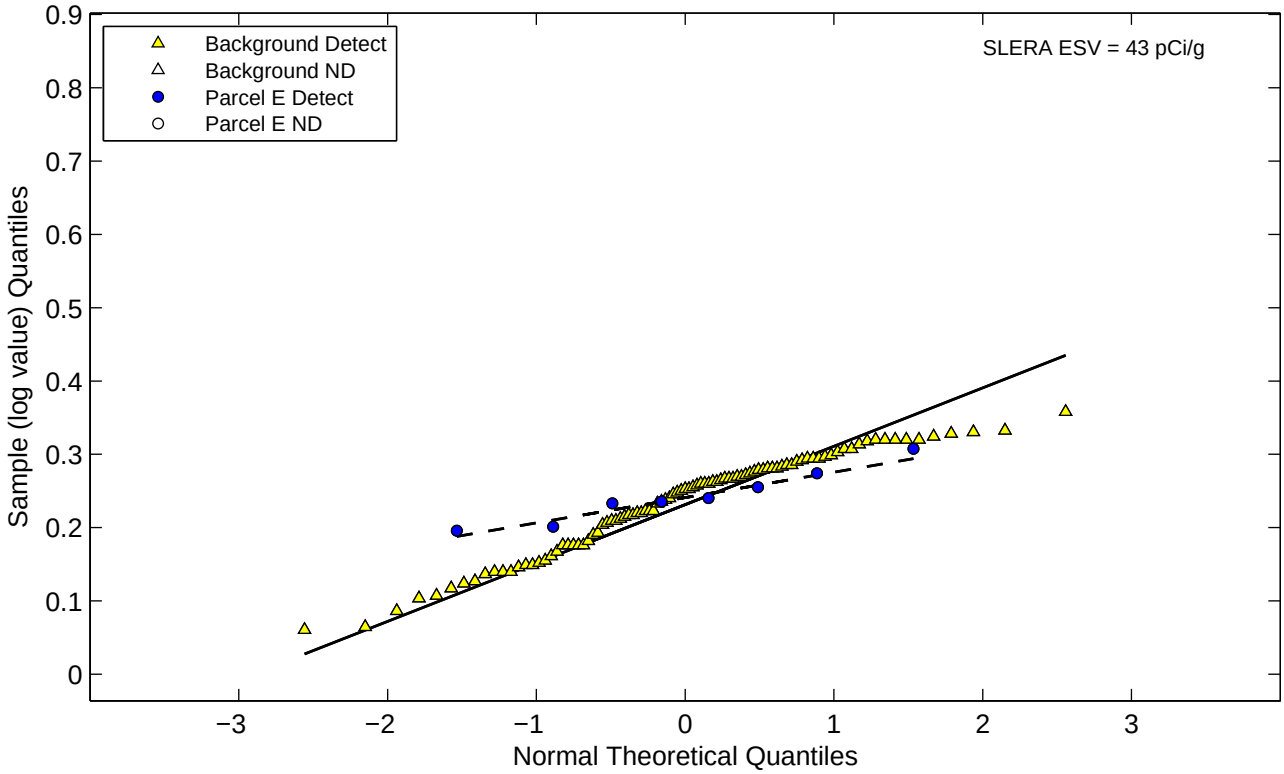
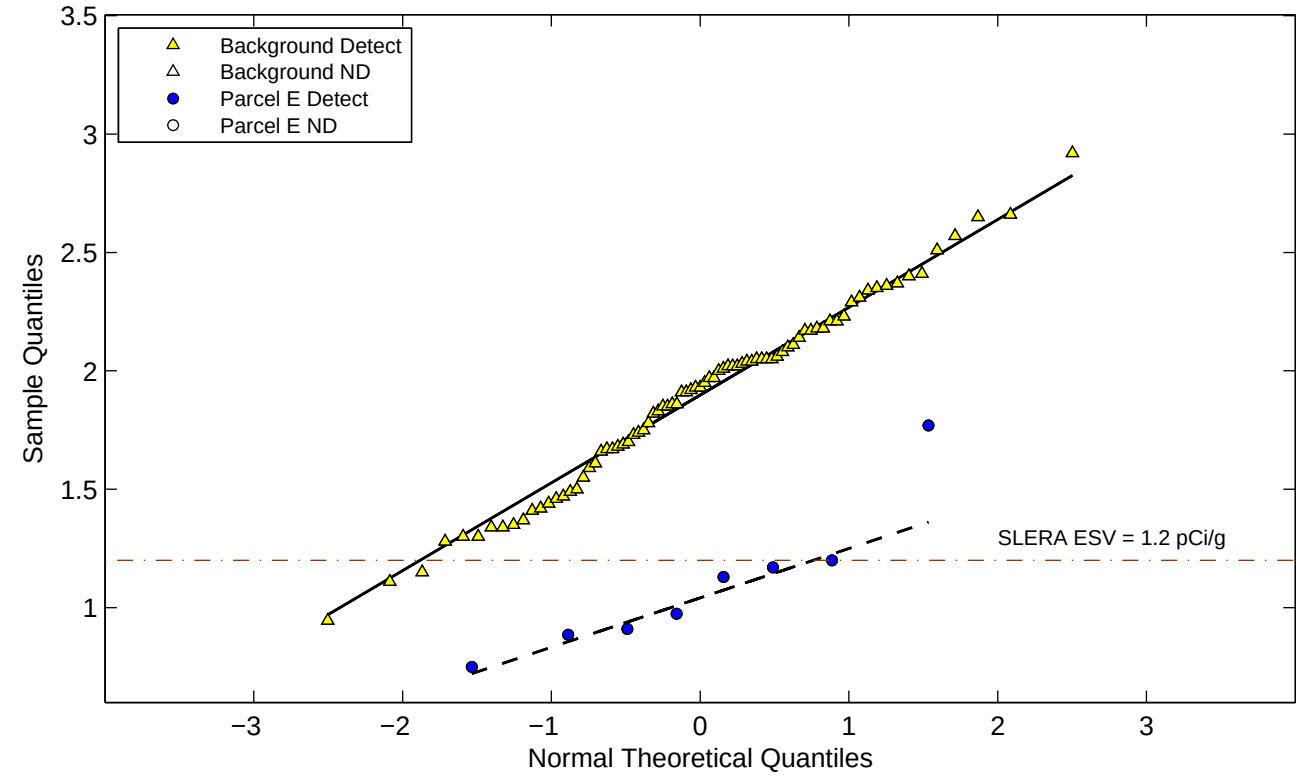


Figure E−2l. Normal and Lognormal Q−Q Plots for Radionuclides (Parcel E)
Radium−228



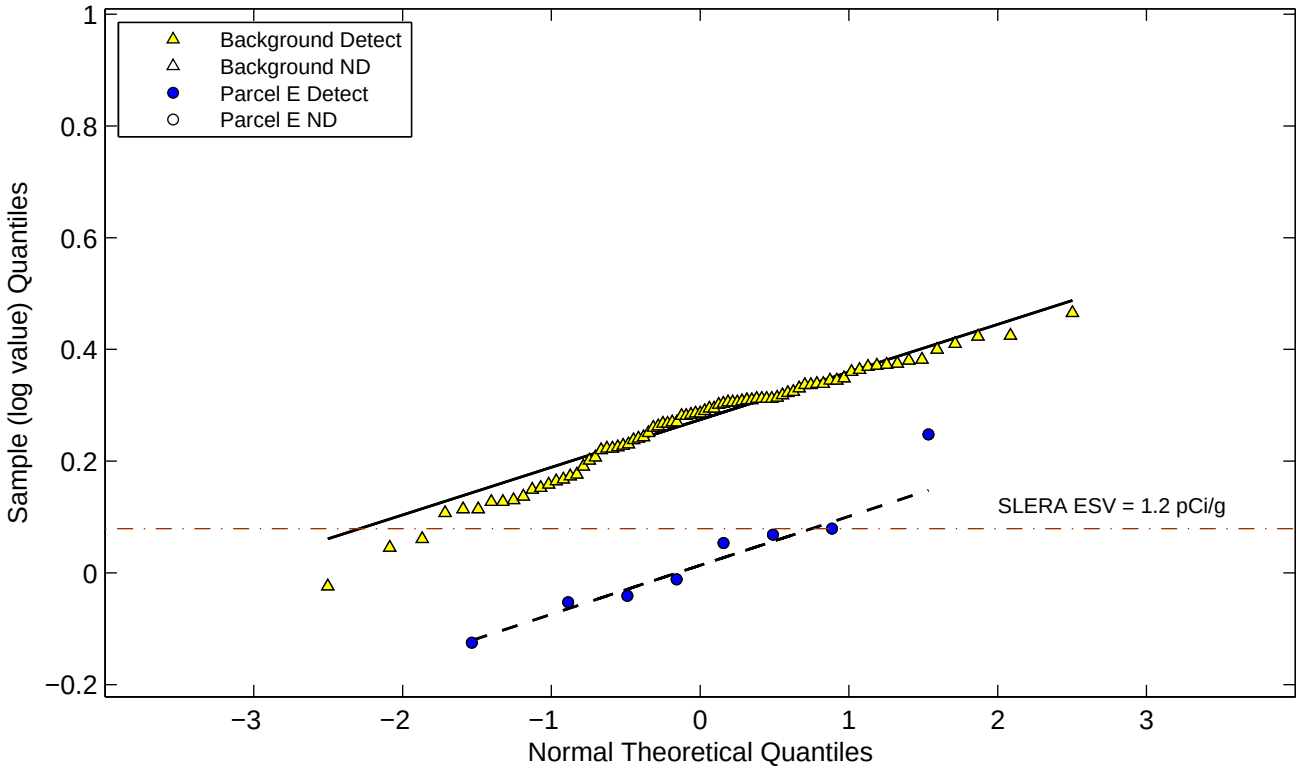
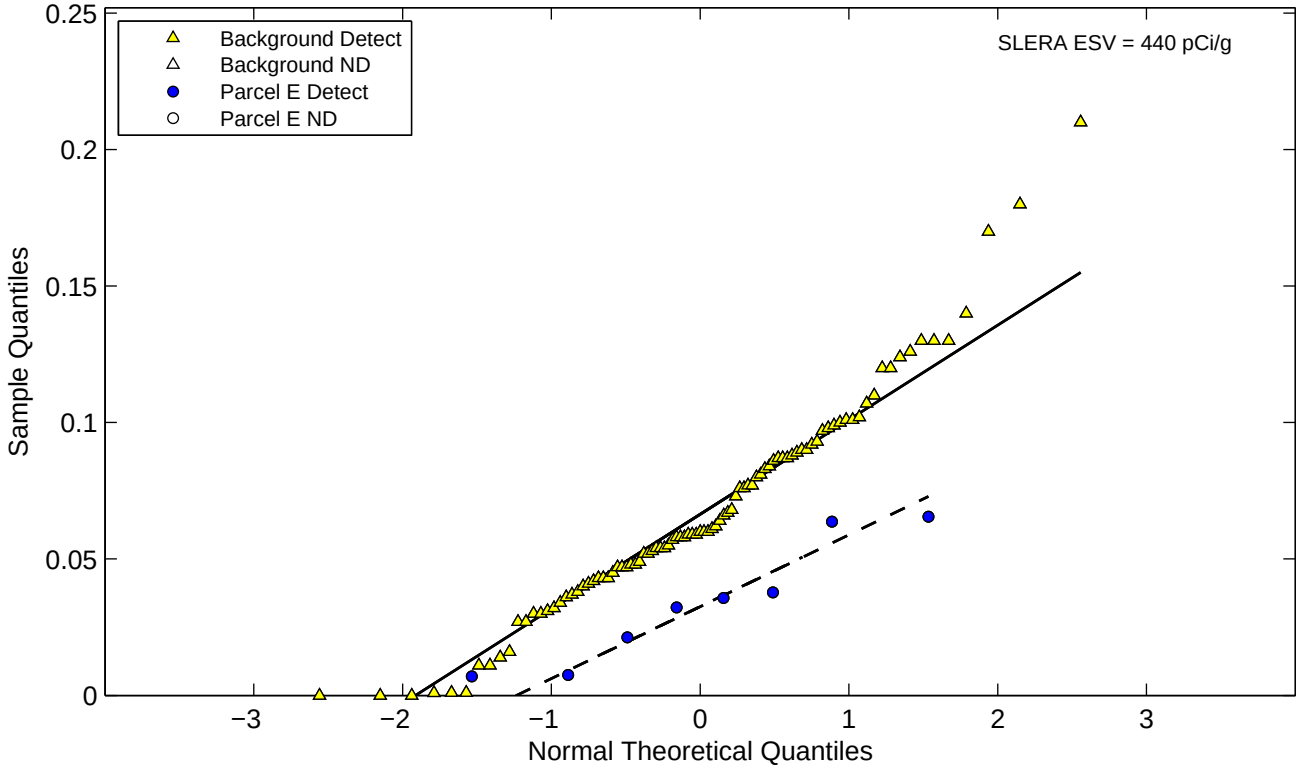


Figure E−2l. Normal and Lognormal Q−Q Plots for Radionuclides (Parcel E)
Uranium−235



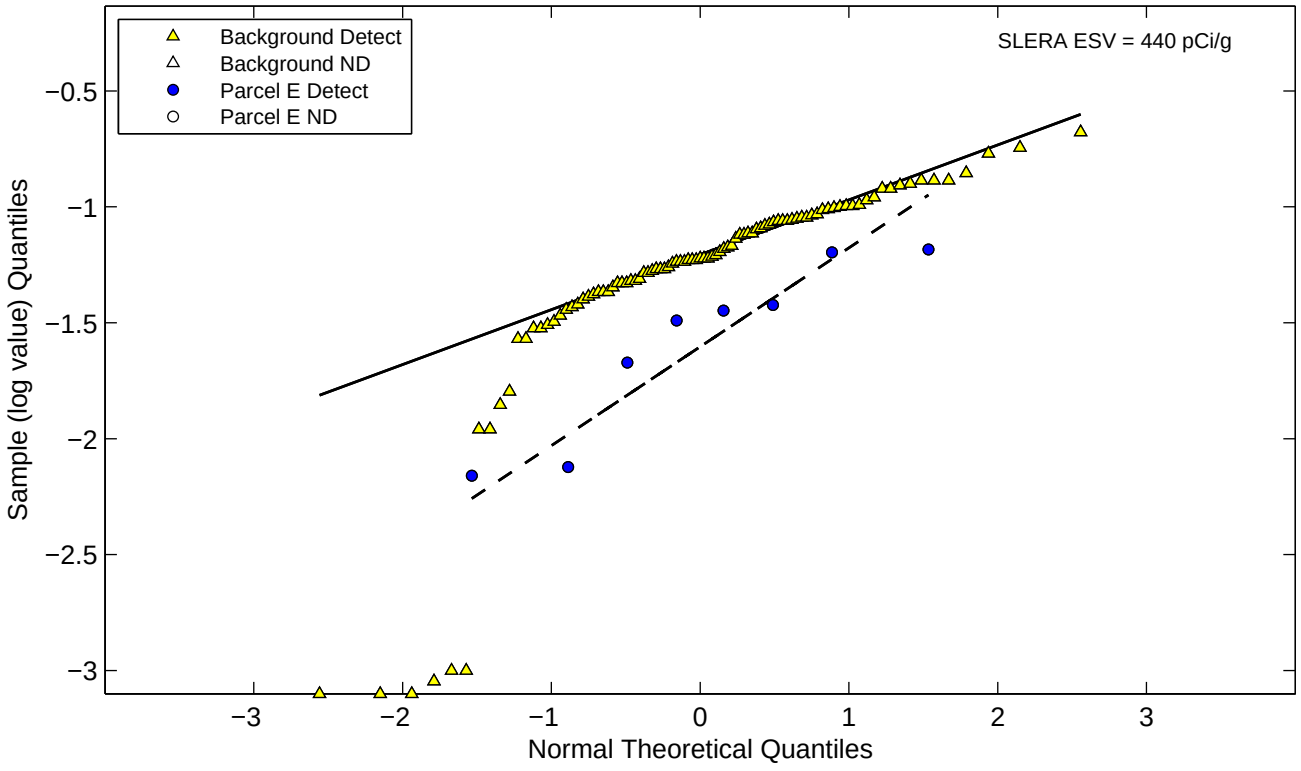
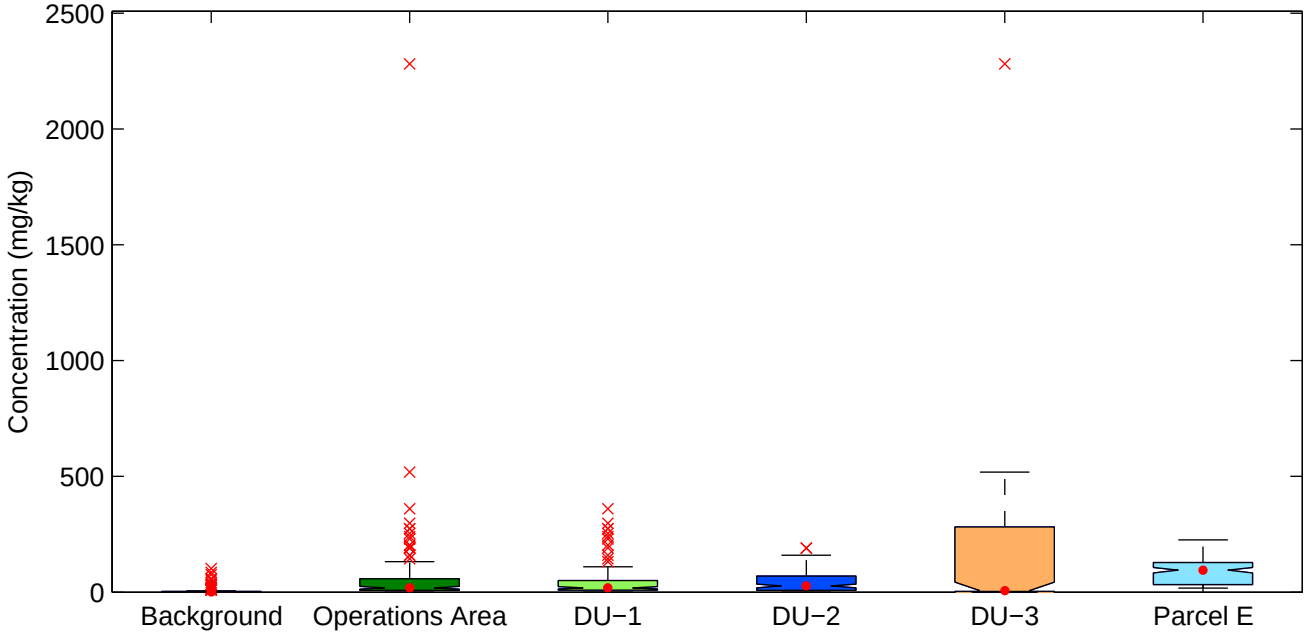


Figure E−2m. Background vs. OU−1 Refined SLERA Study Area Boxplots for Inorganics by Spatial Unit
Nitrate



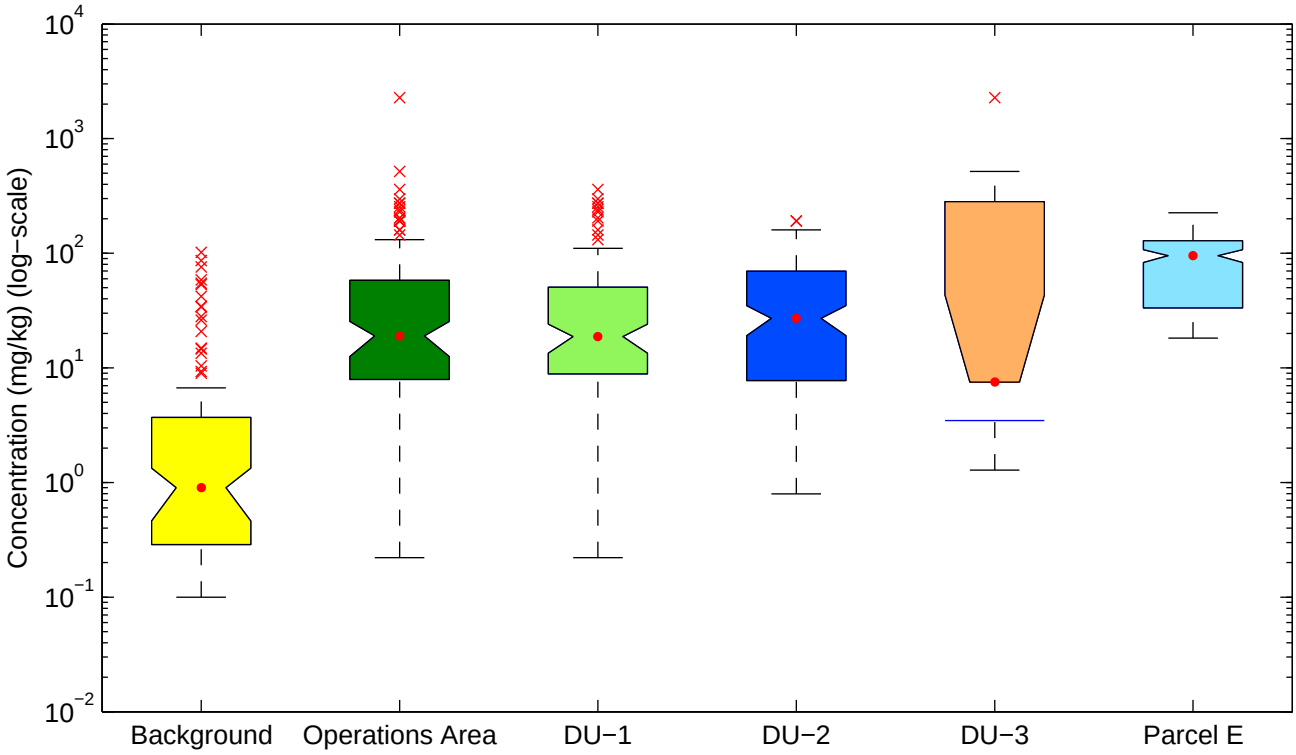
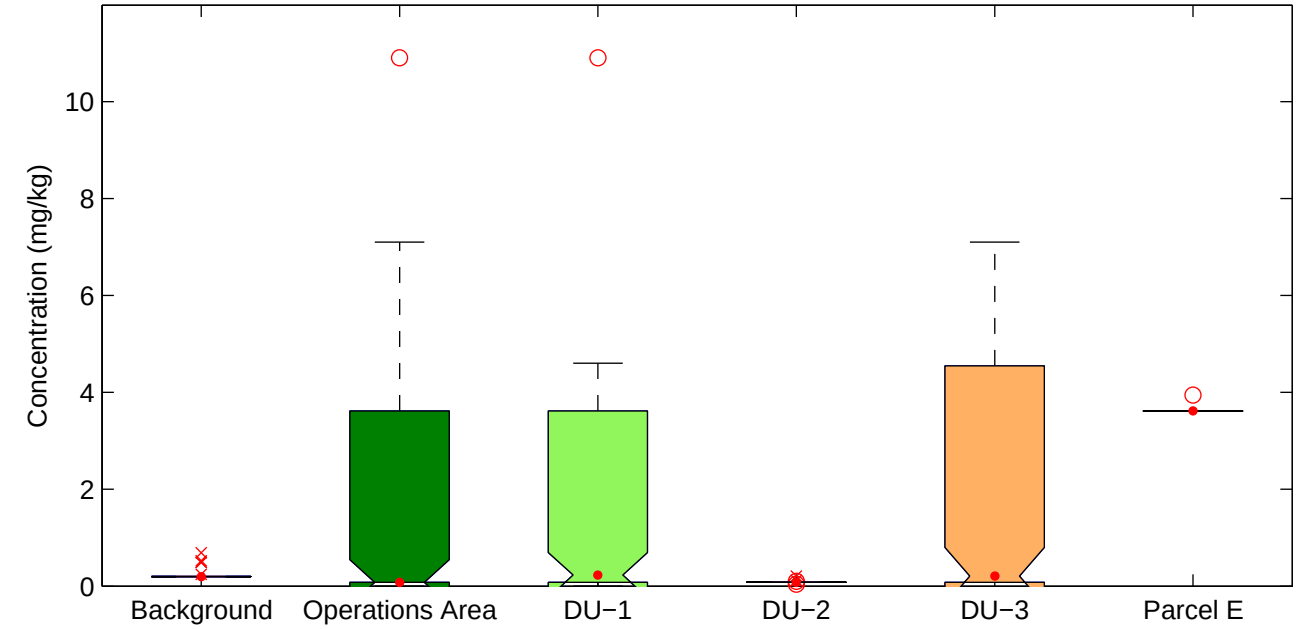


Figure E−2m. Background vs. OU−1 Refined SLERA Study Area Boxplots for Inorganics by Spatial Unit
Nitrite



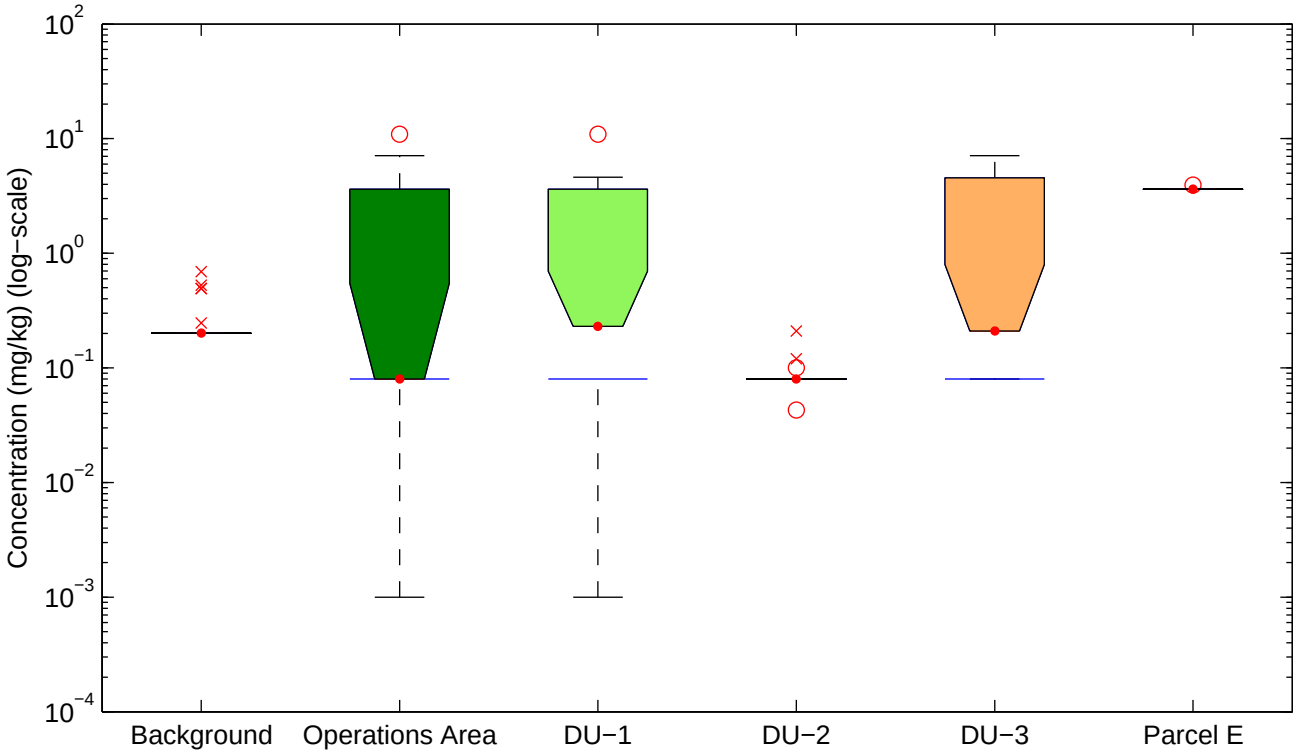
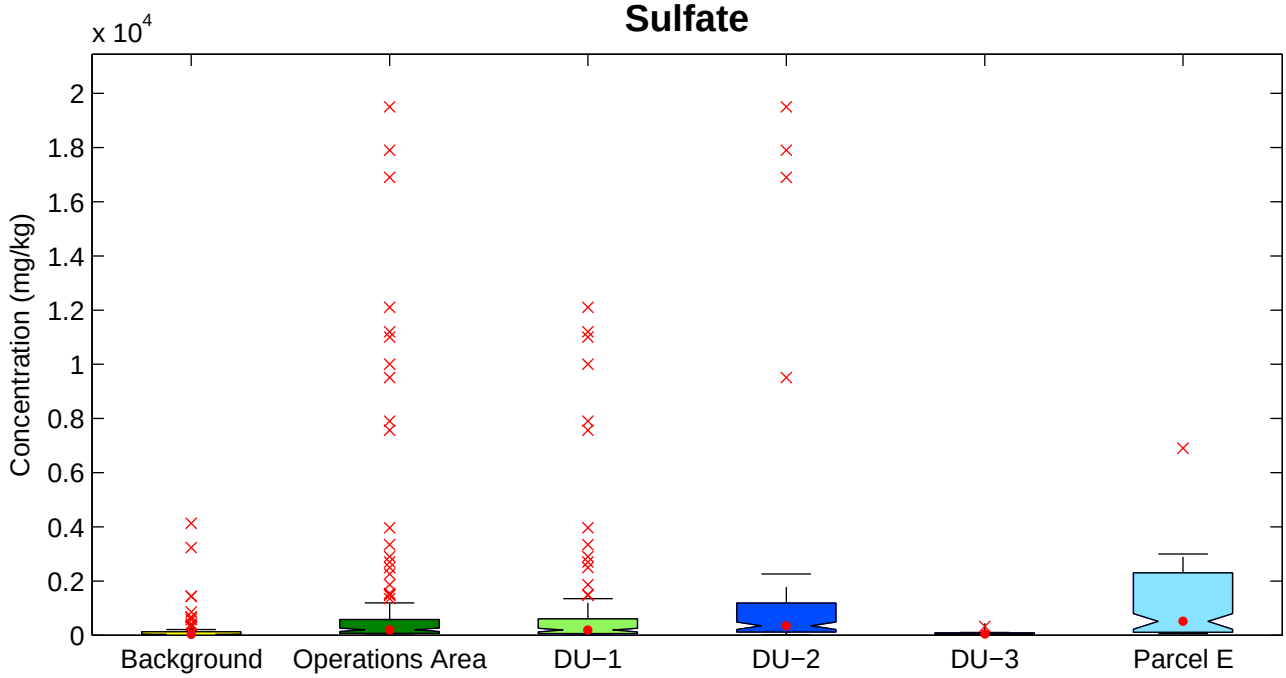


Figure E−2m. Background vs. OU−1 Refined SLERA Study Area Boxplots for Inorganics by Spatial Unit
Sulfate



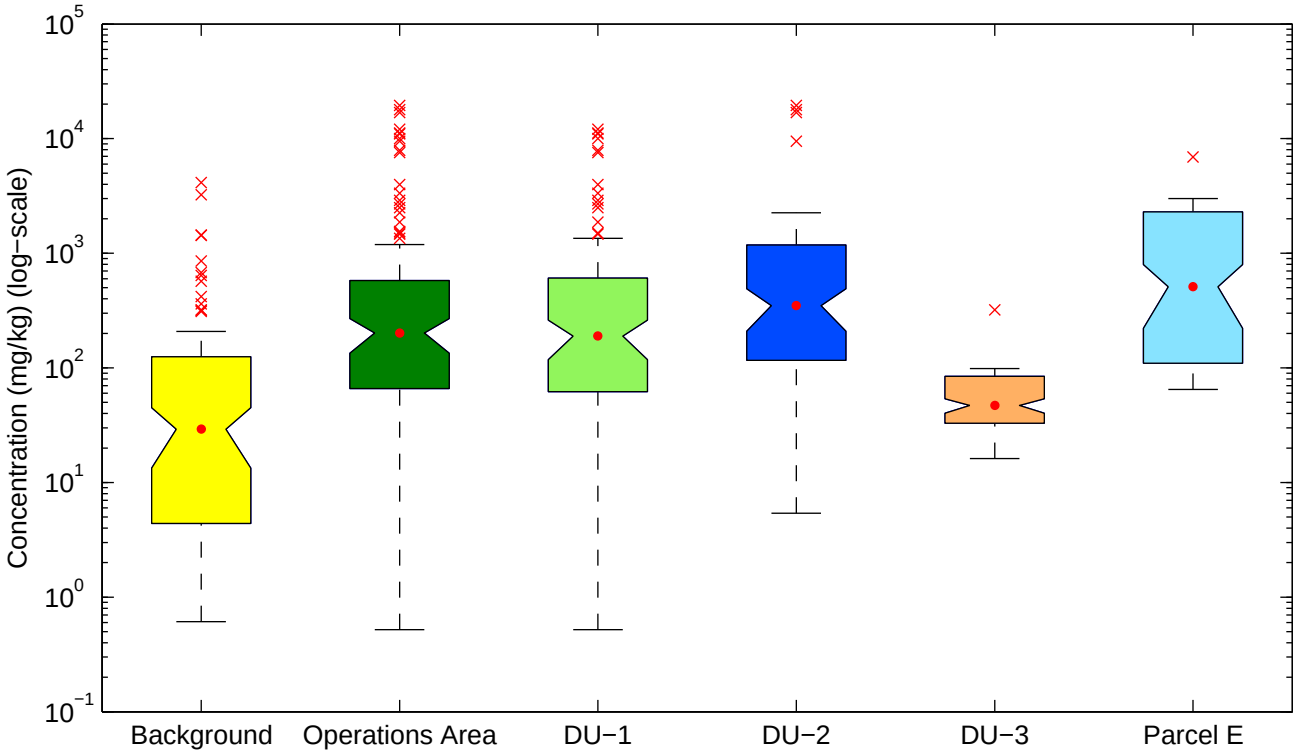


Figure E−2n. Normal and Lognormal Q−Q Plots for Inorganics (Operations Area)
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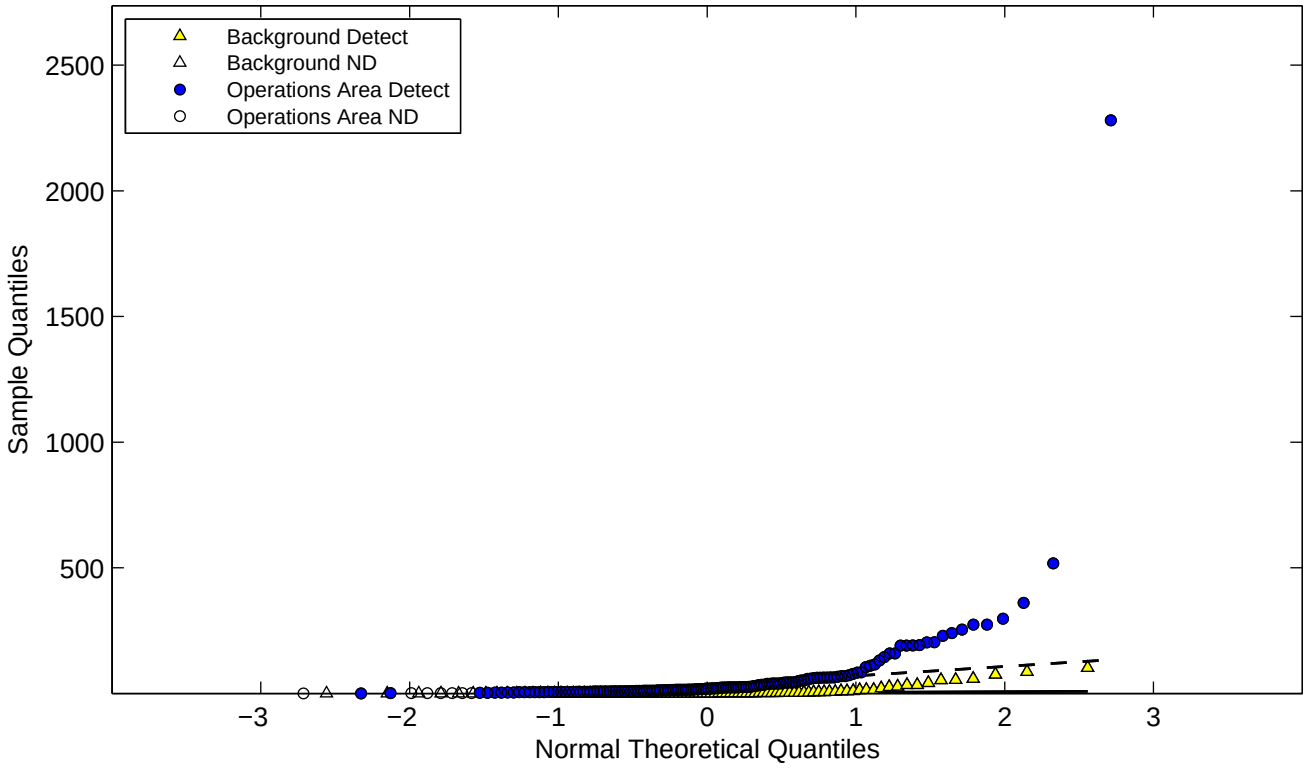


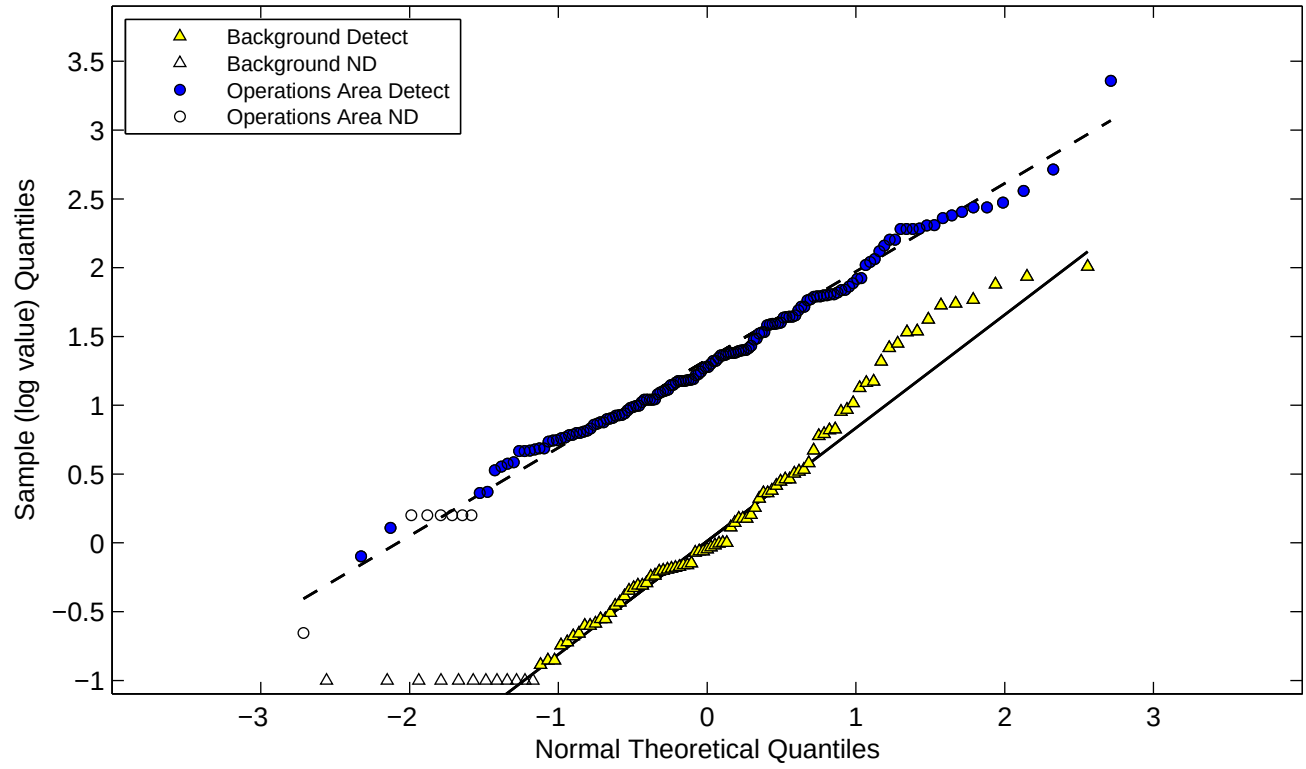
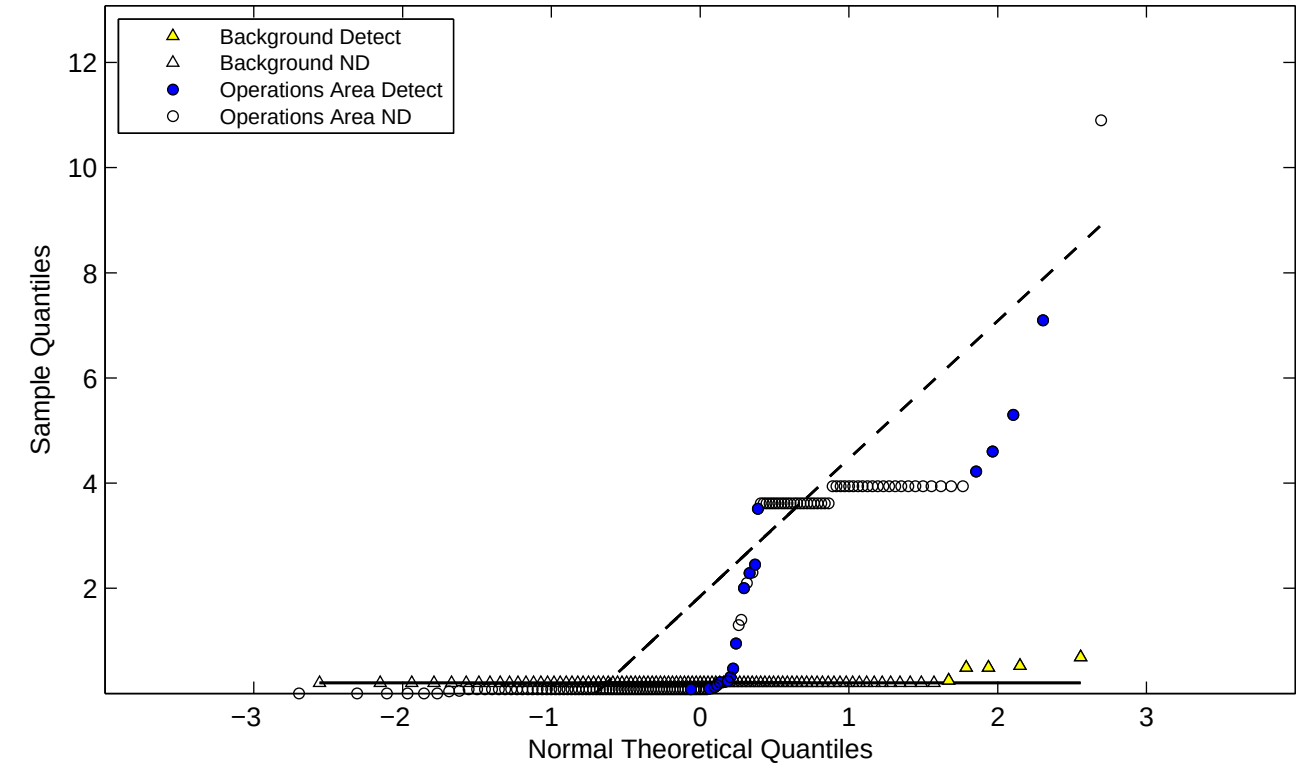


Figure E−2n. Normal and Lognormal Q−Q Plots for Inorganics (Operations Area)
Nitrite



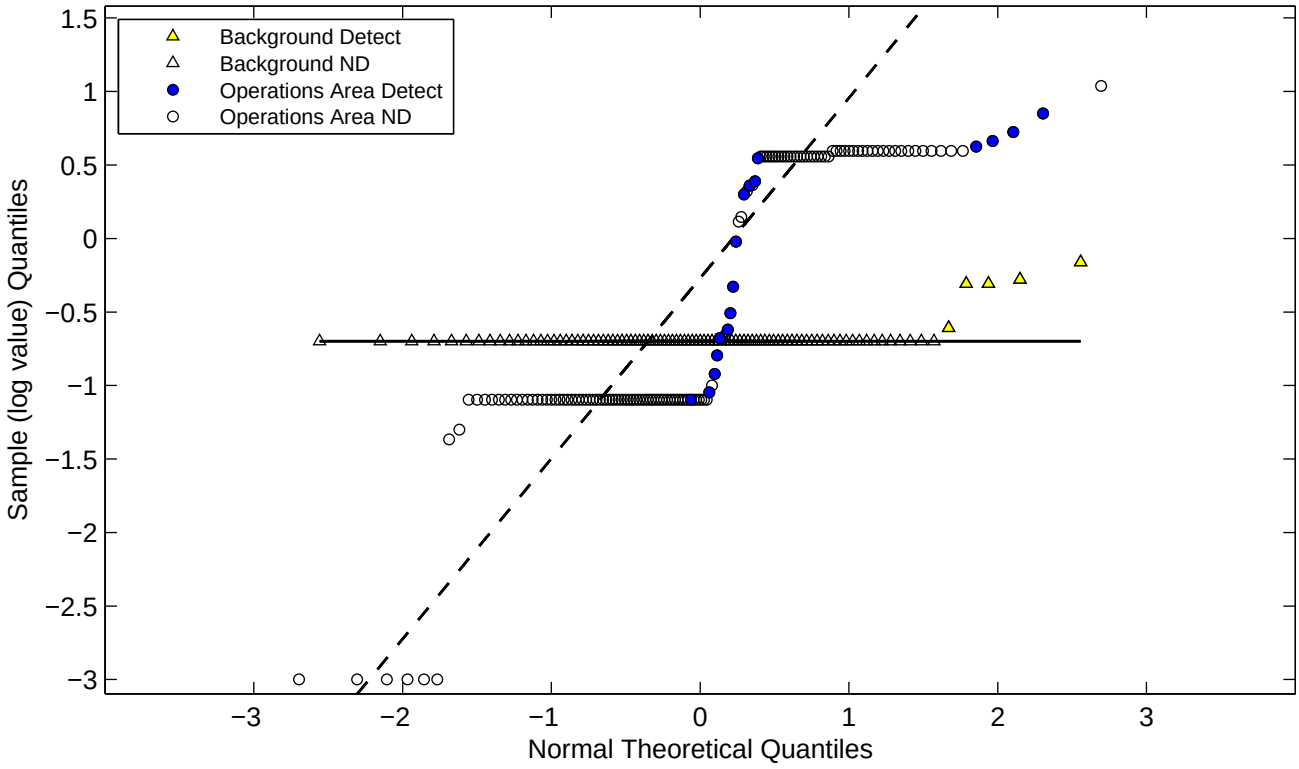
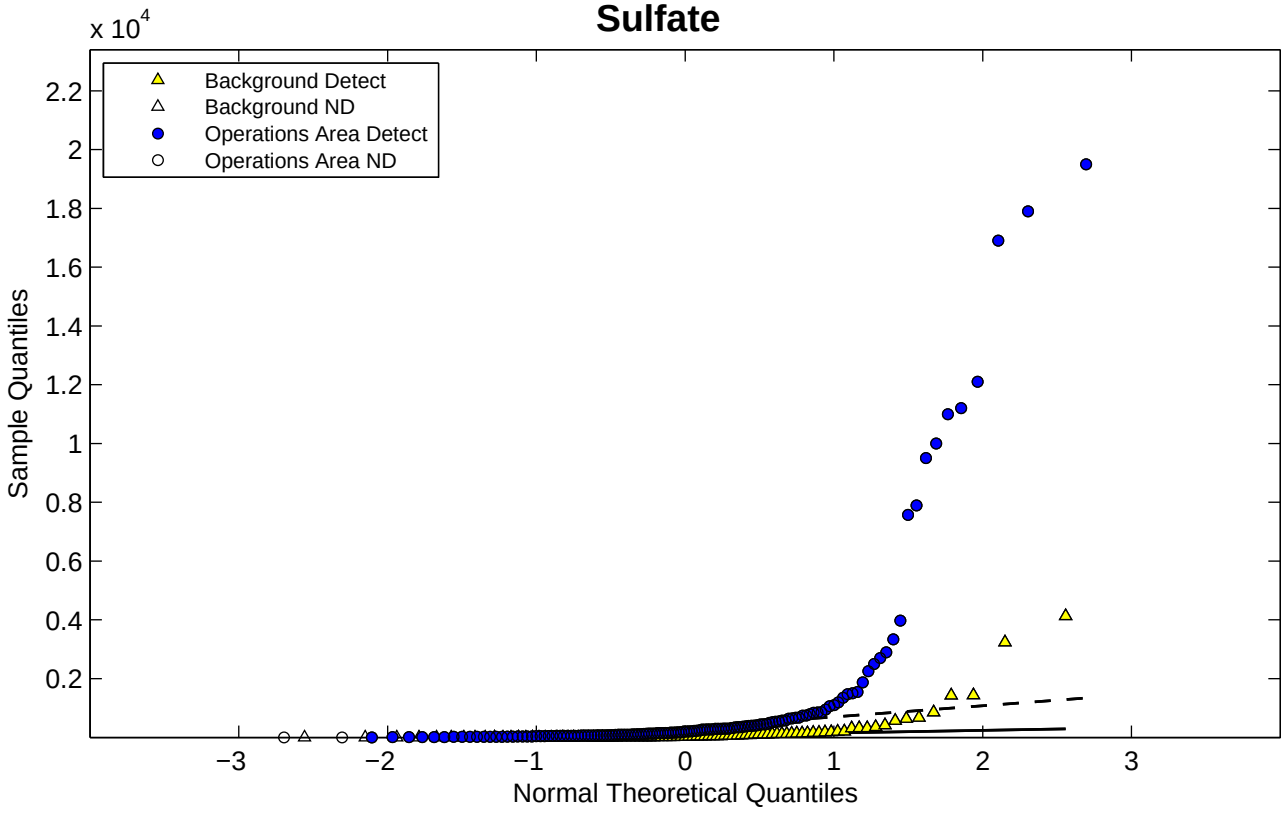


Figure E−2n. Normal and Lognormal Q−Q Plots for Inorganics (Operations Area)
Sulfate



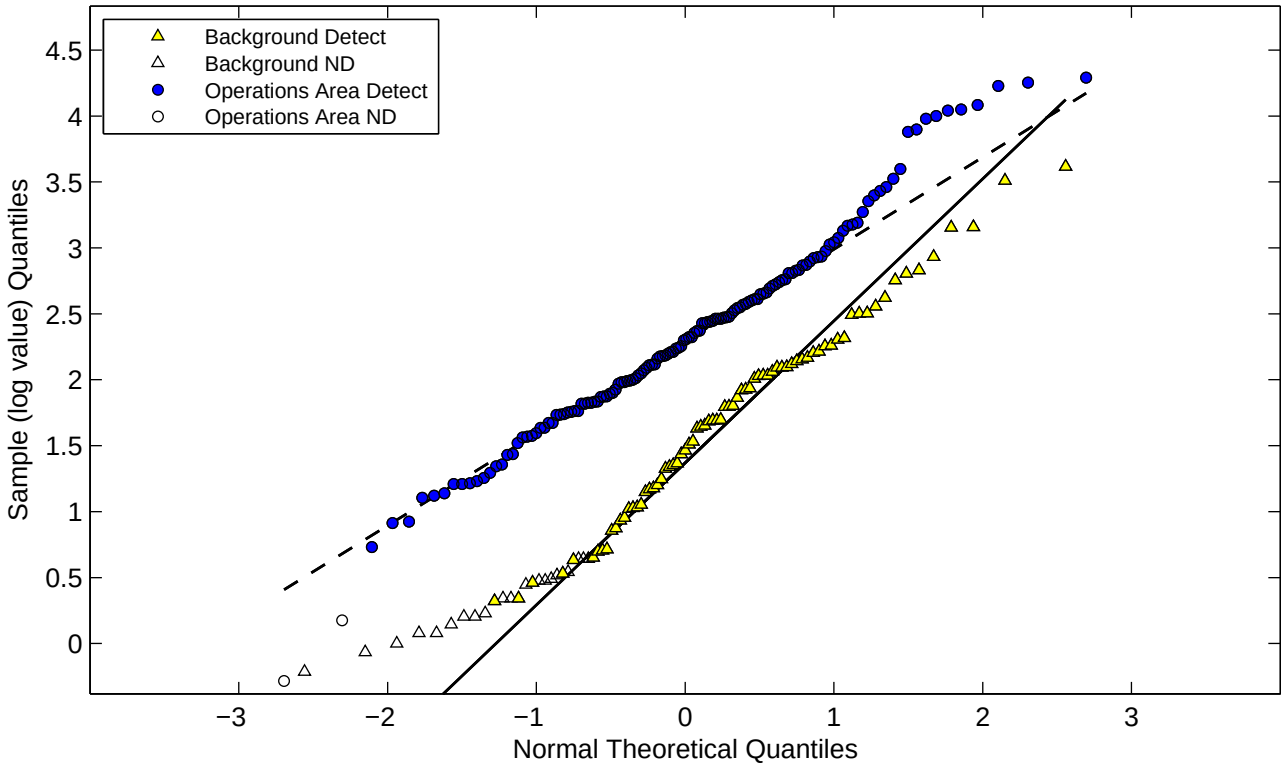
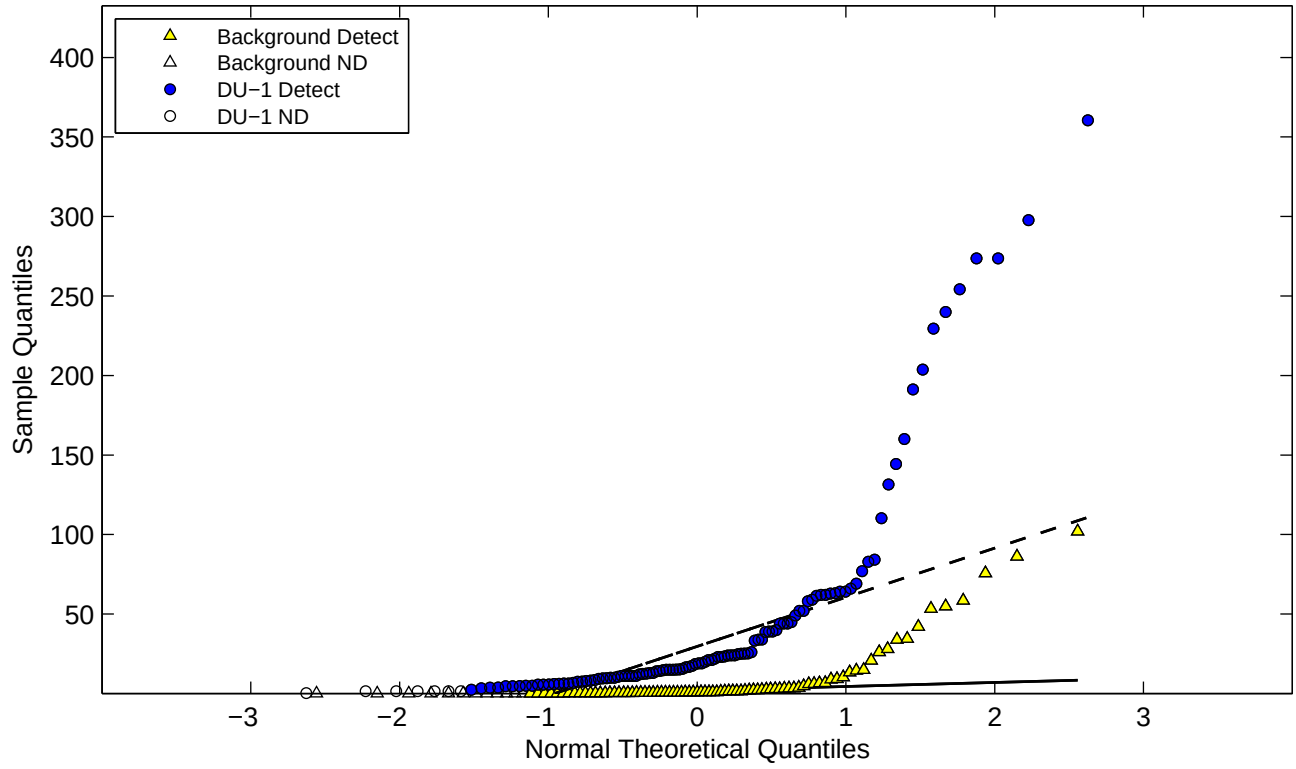


Figure E−2o. Normal and Lognormal Q−Q Plots for Inorganics (Eco DU−1)
Nitrate



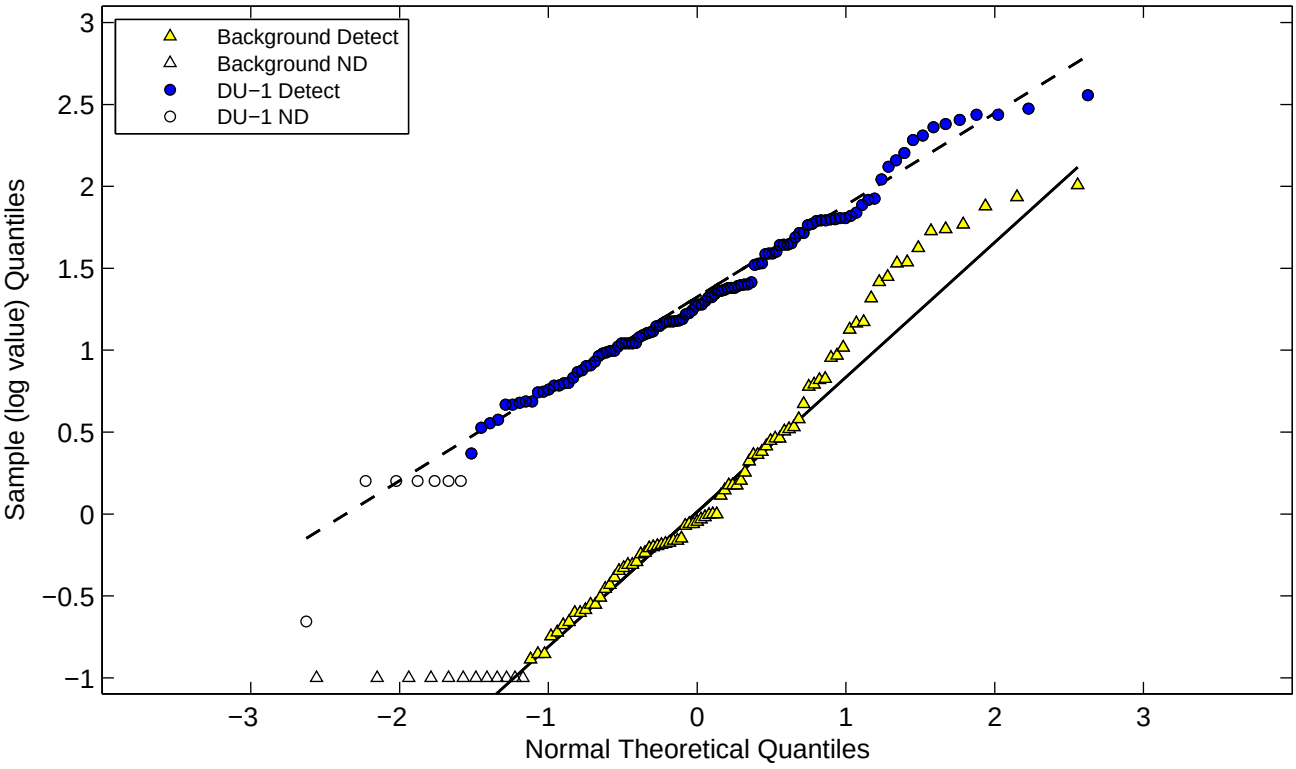


Figure E−2o. Normal and Lognormal Q−Q Plots for Inorganics (DU−1)
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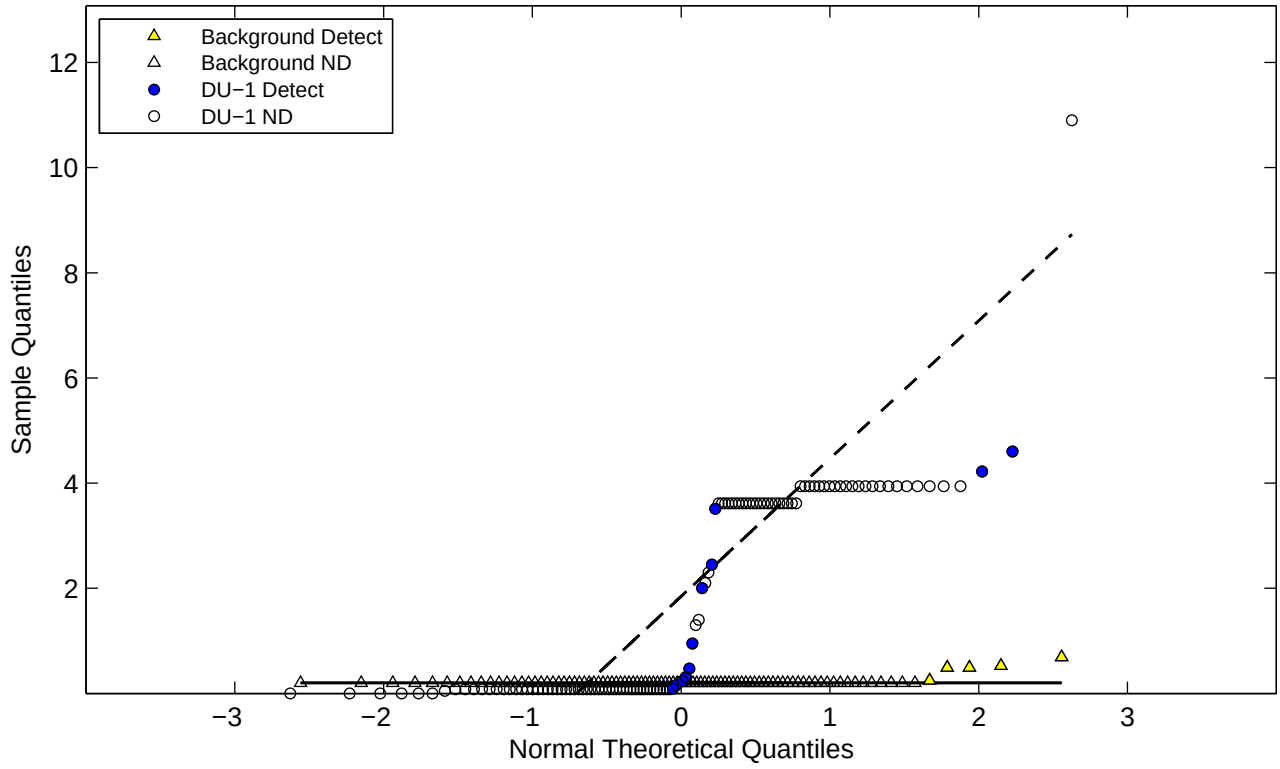

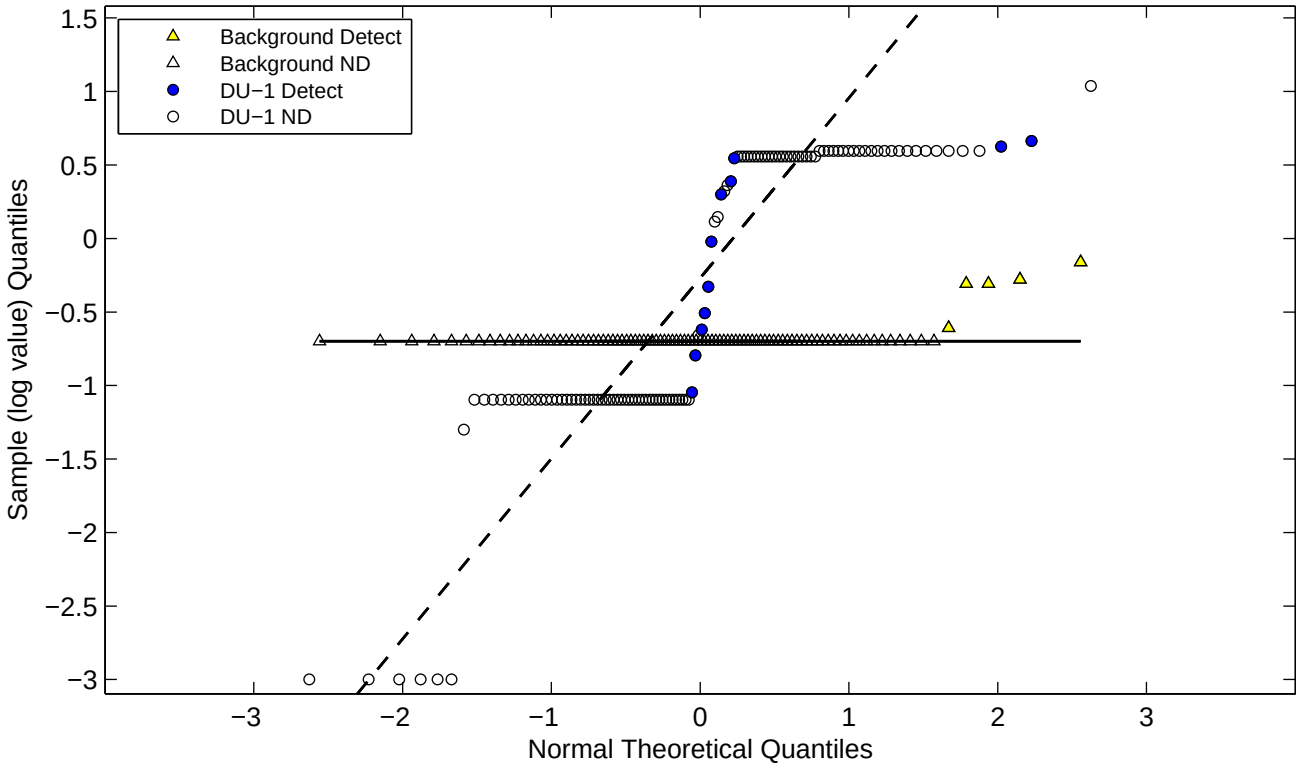

Figure E−2o. Normal and Lognormal Q−Q Plots for Inorganics (DU−1)
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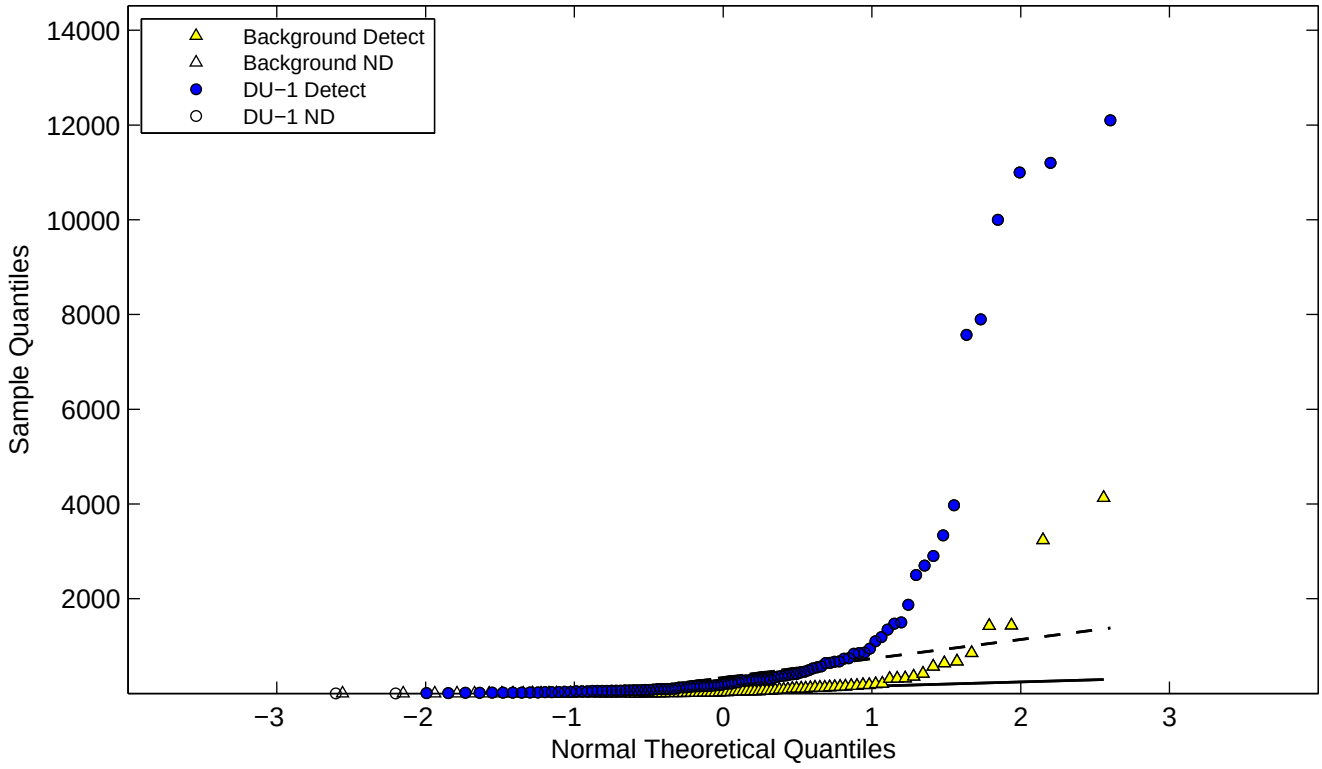


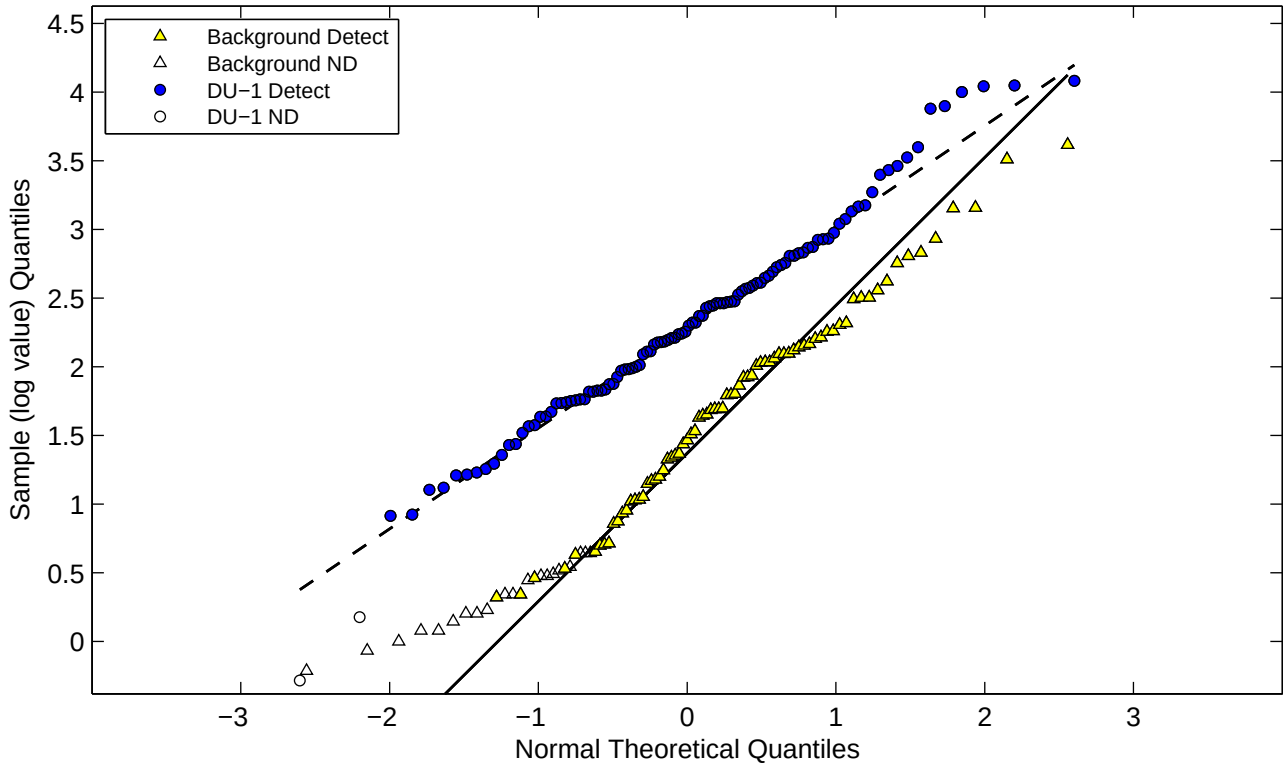
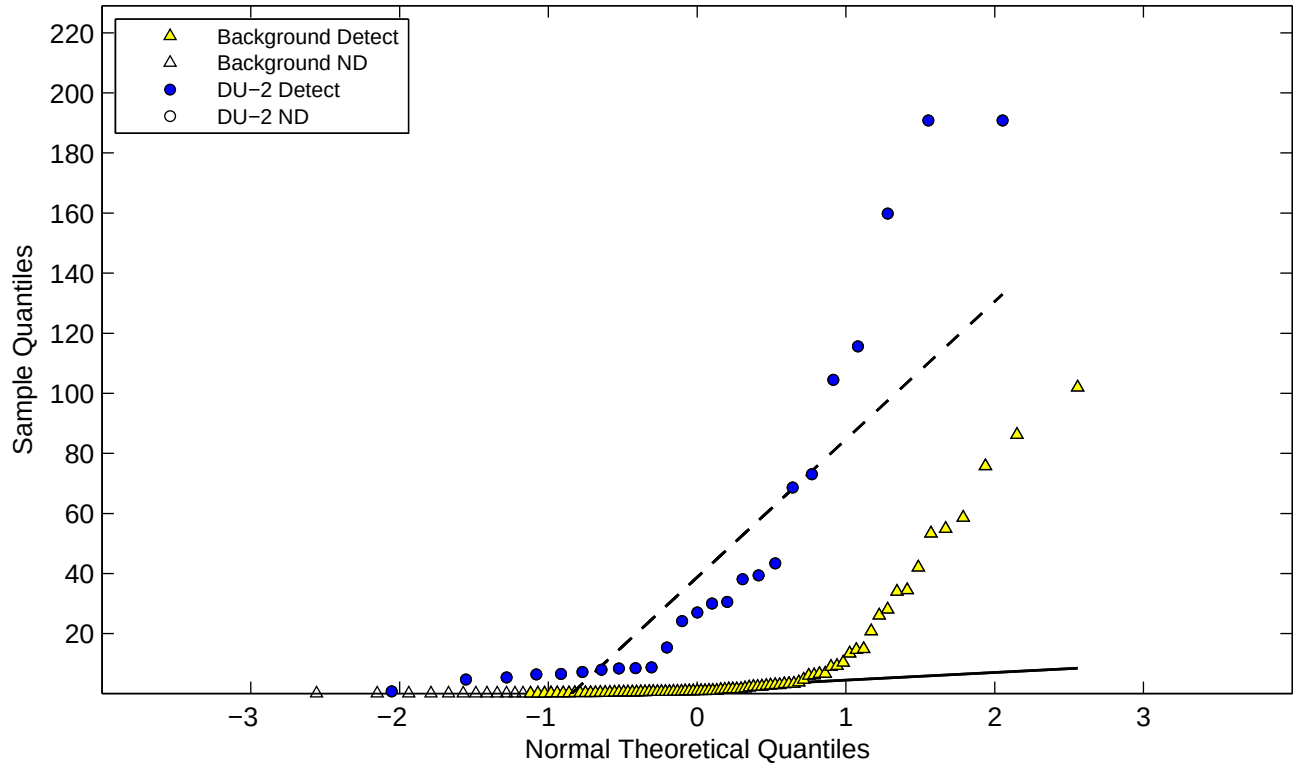


Figure E−2p. Normal and Lognormal Q−Q Plots for Inorganics (Eco DU−2)
Nitrate



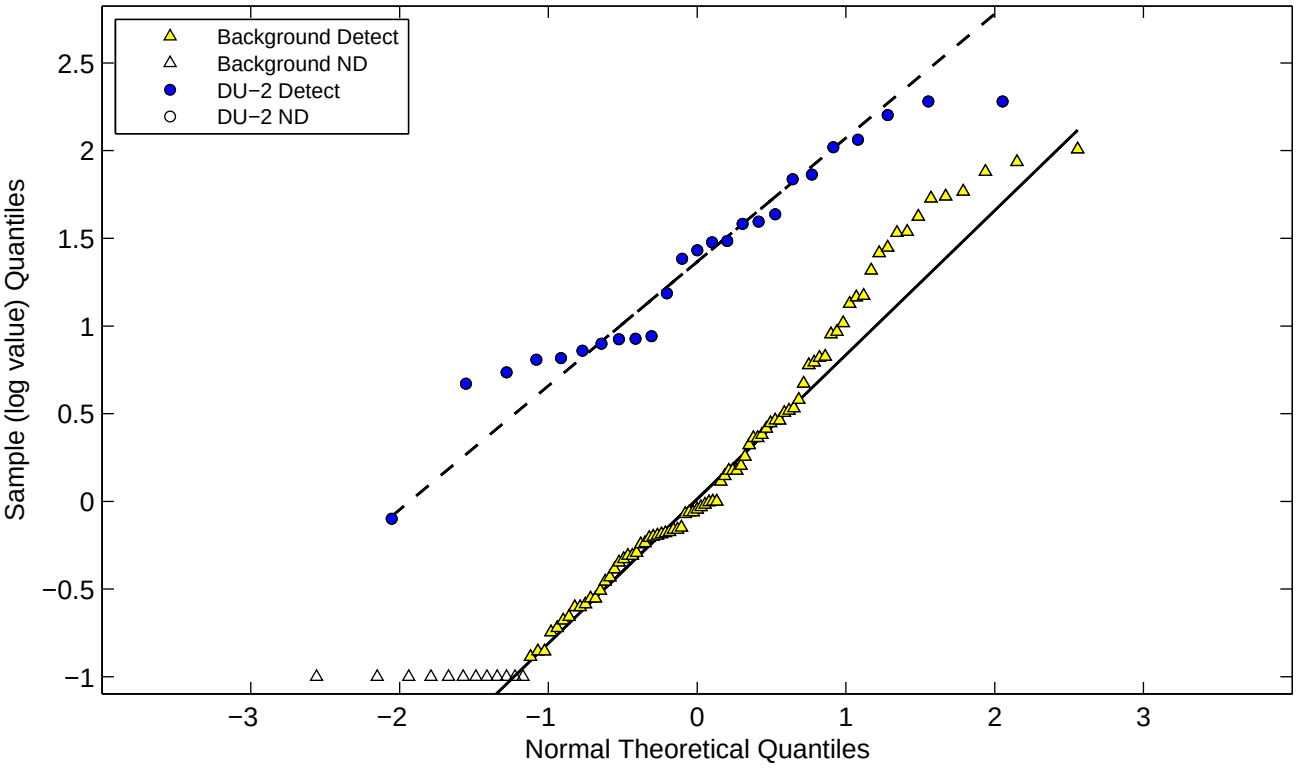


Figure E−2p. Normal and Lognormal Q−Q Plots for Inorganics (DU−2)
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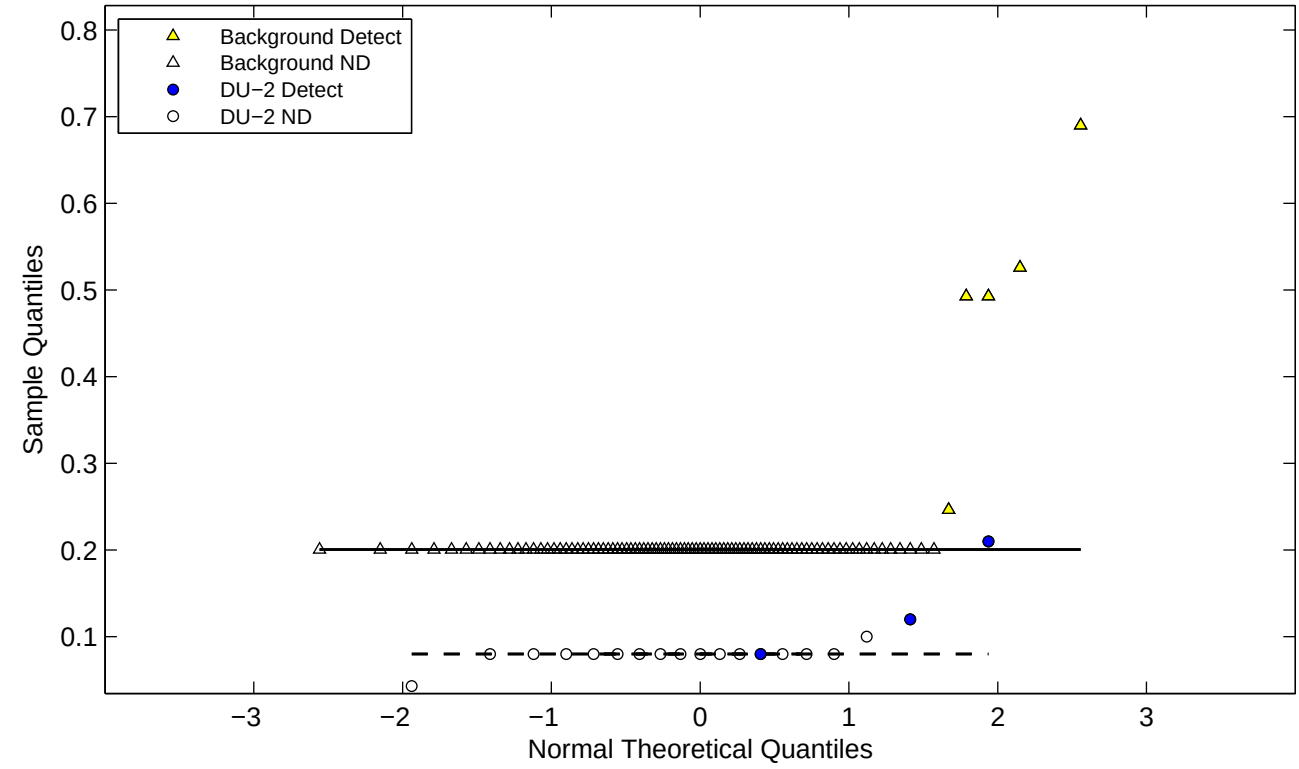


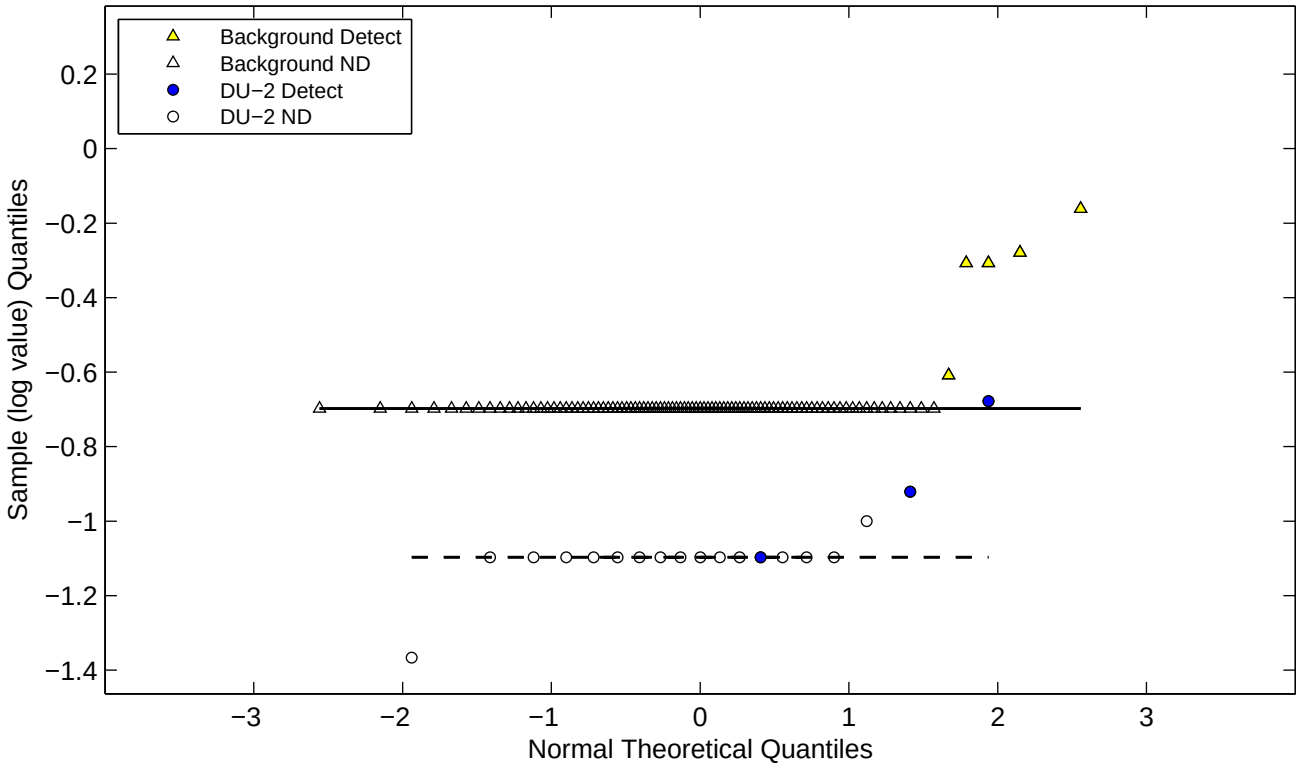
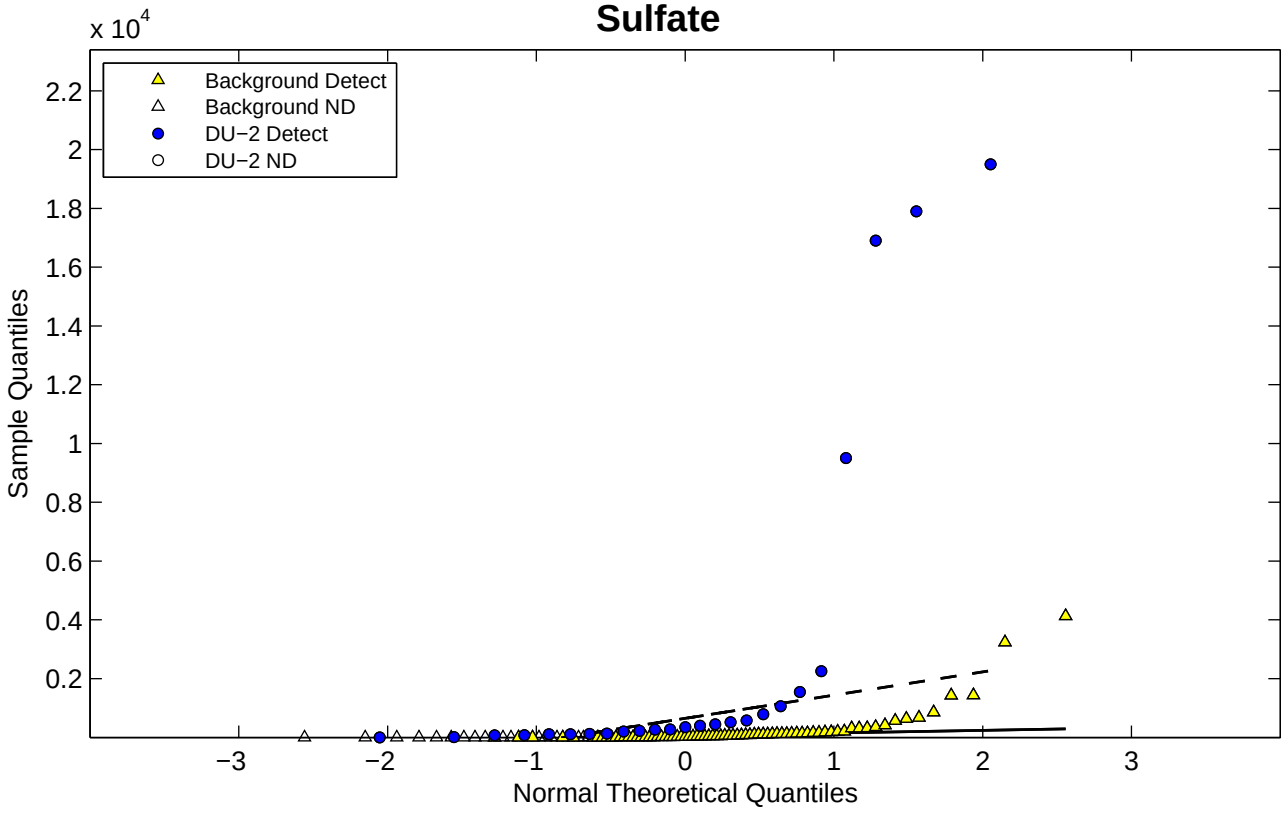


Figure E−2p. Normal and Lognormal Q−Q Plots for Inorganics (DU−2)
Sulfate



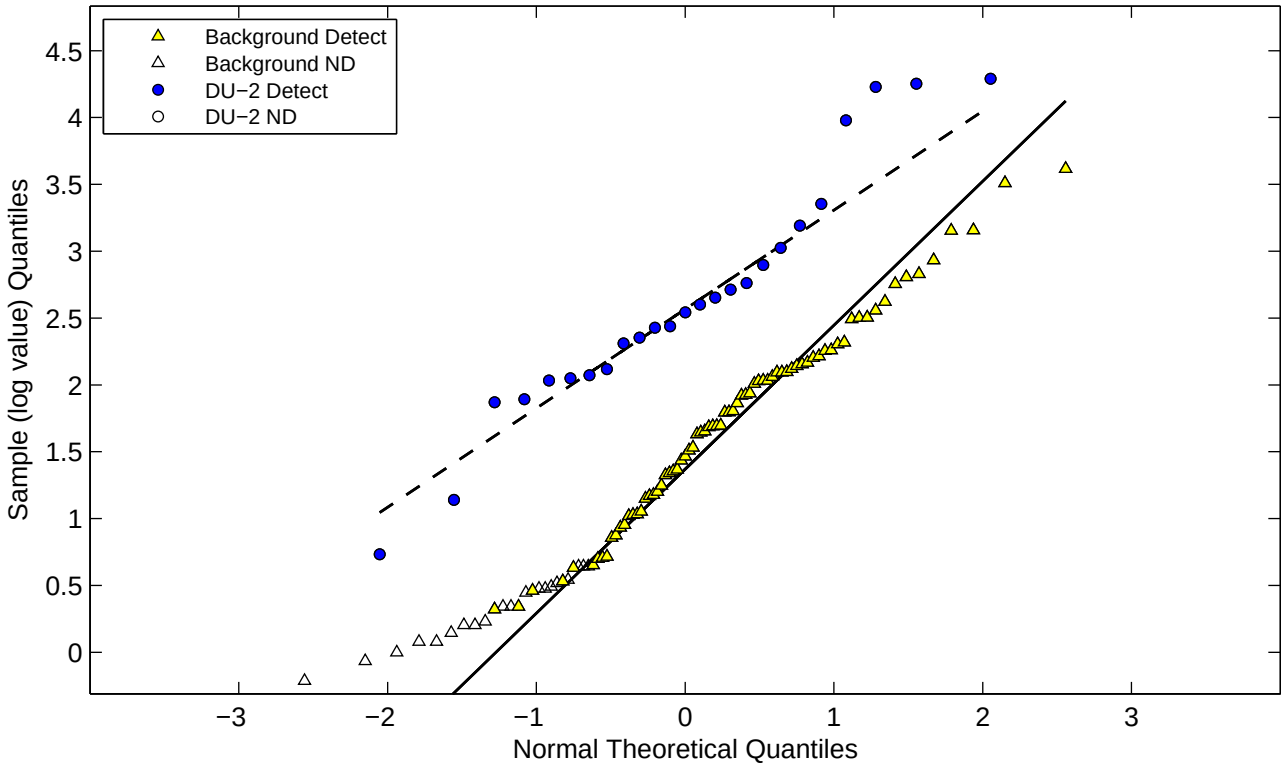
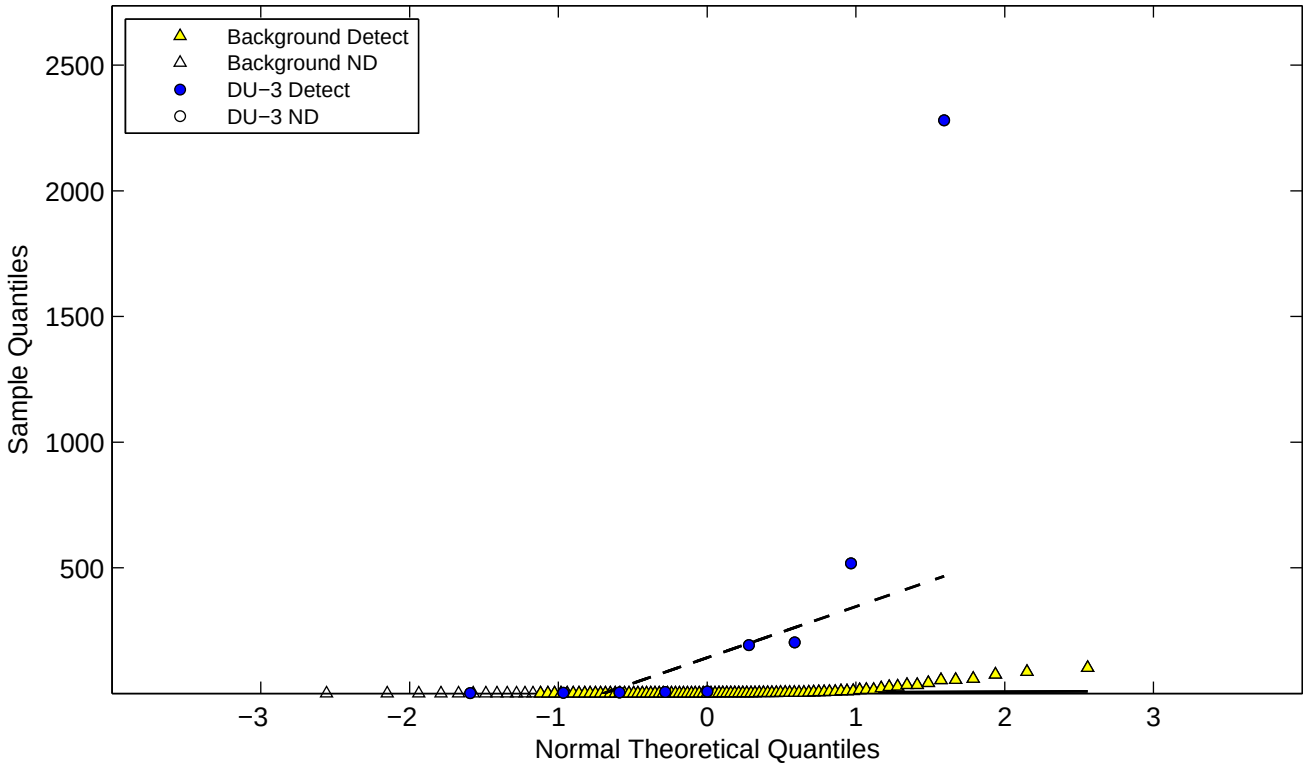


Figure E−2q. Normal and Lognormal Q−Q Plots for Inorganics (Eco DU−3)
Nitrate



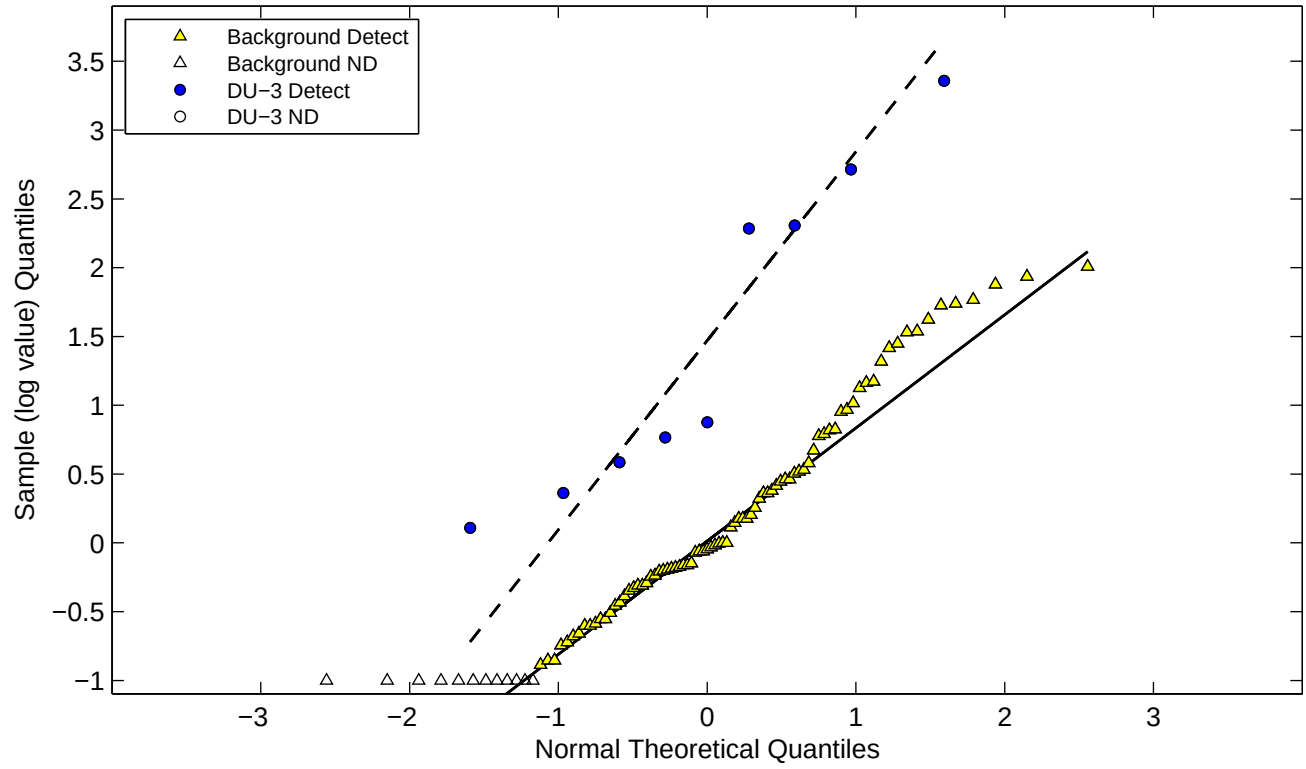


Figure E−2q. Normal and Lognormal Q−Q Plots for Inorganics (DU−3)
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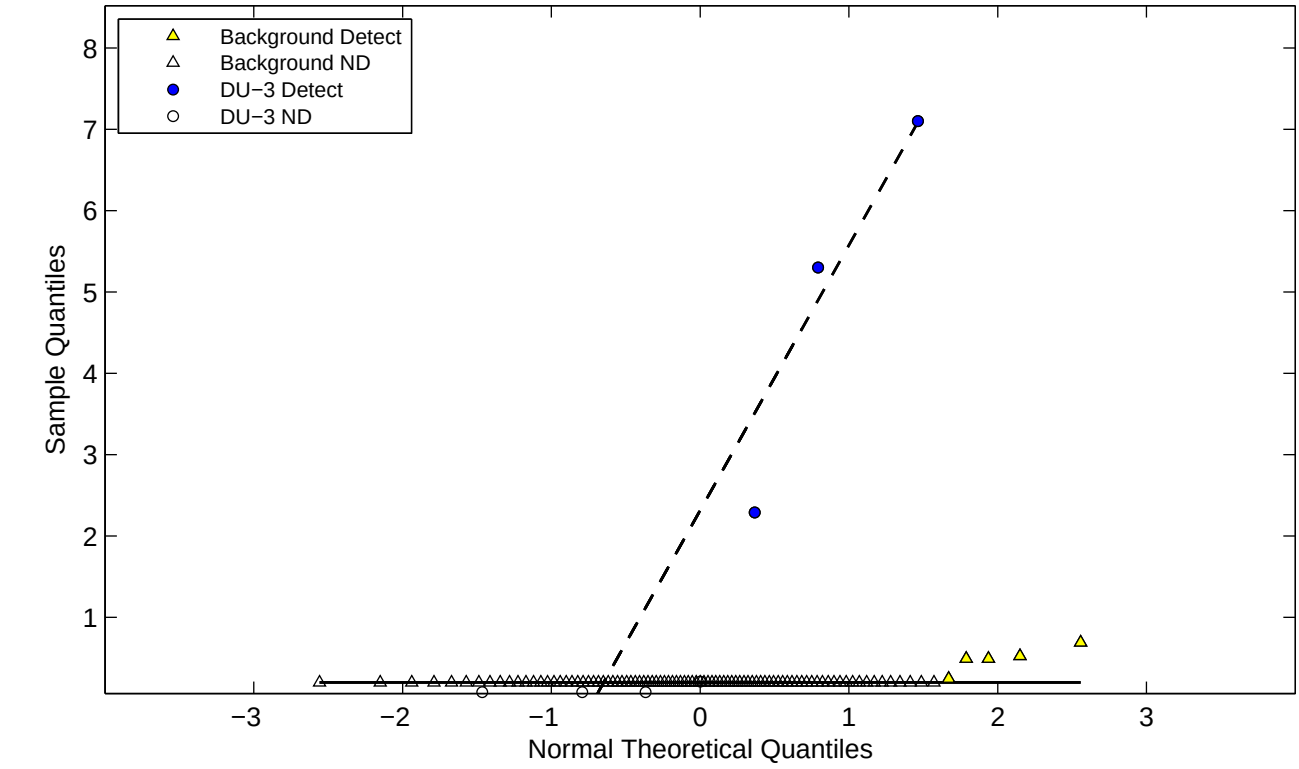

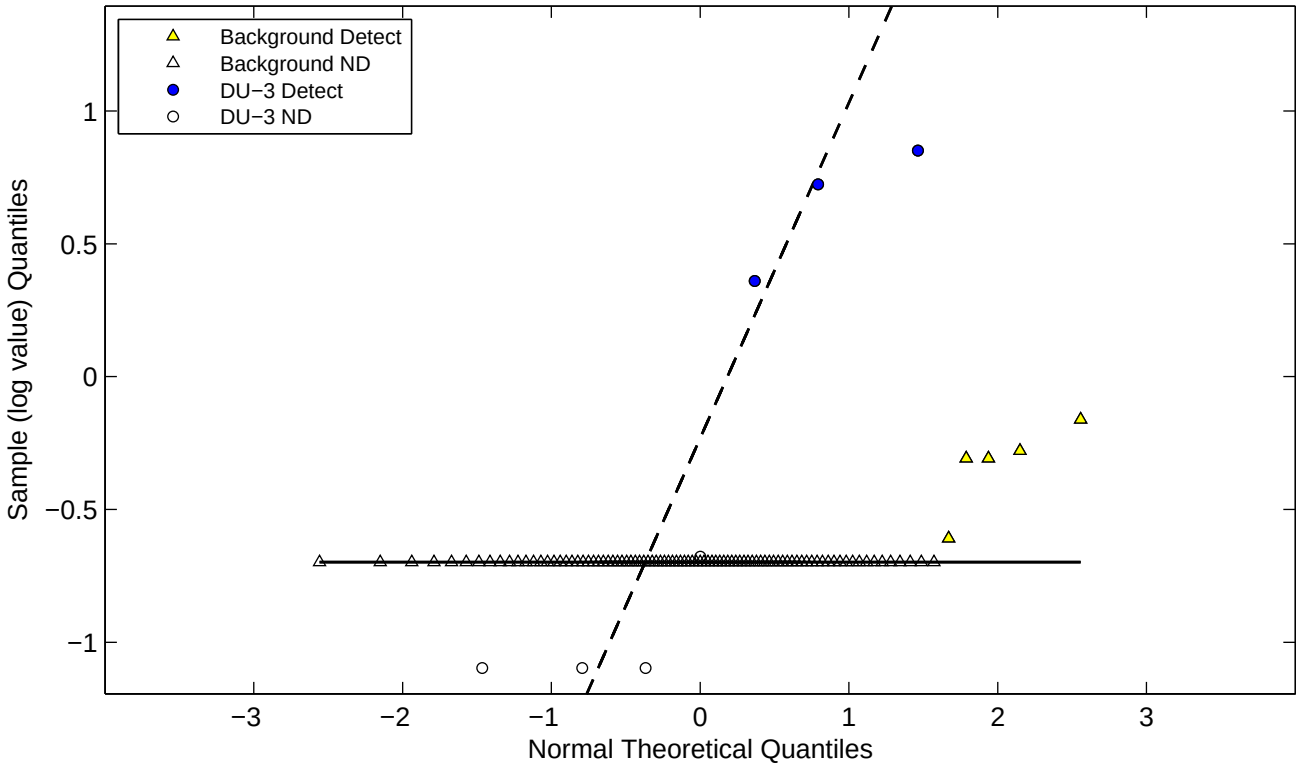

Figure E−2q. Normal and Lognormal Q−Q Plots for Inorganics (DU−3)
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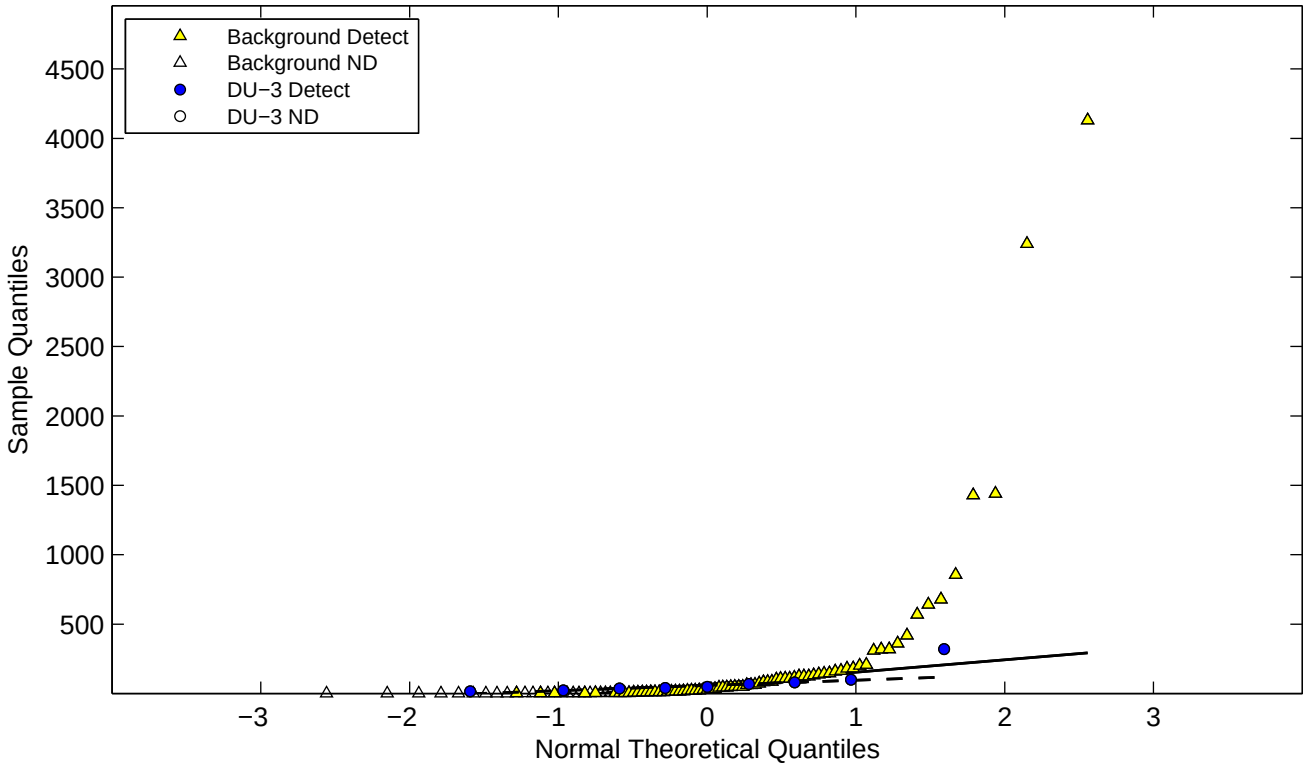


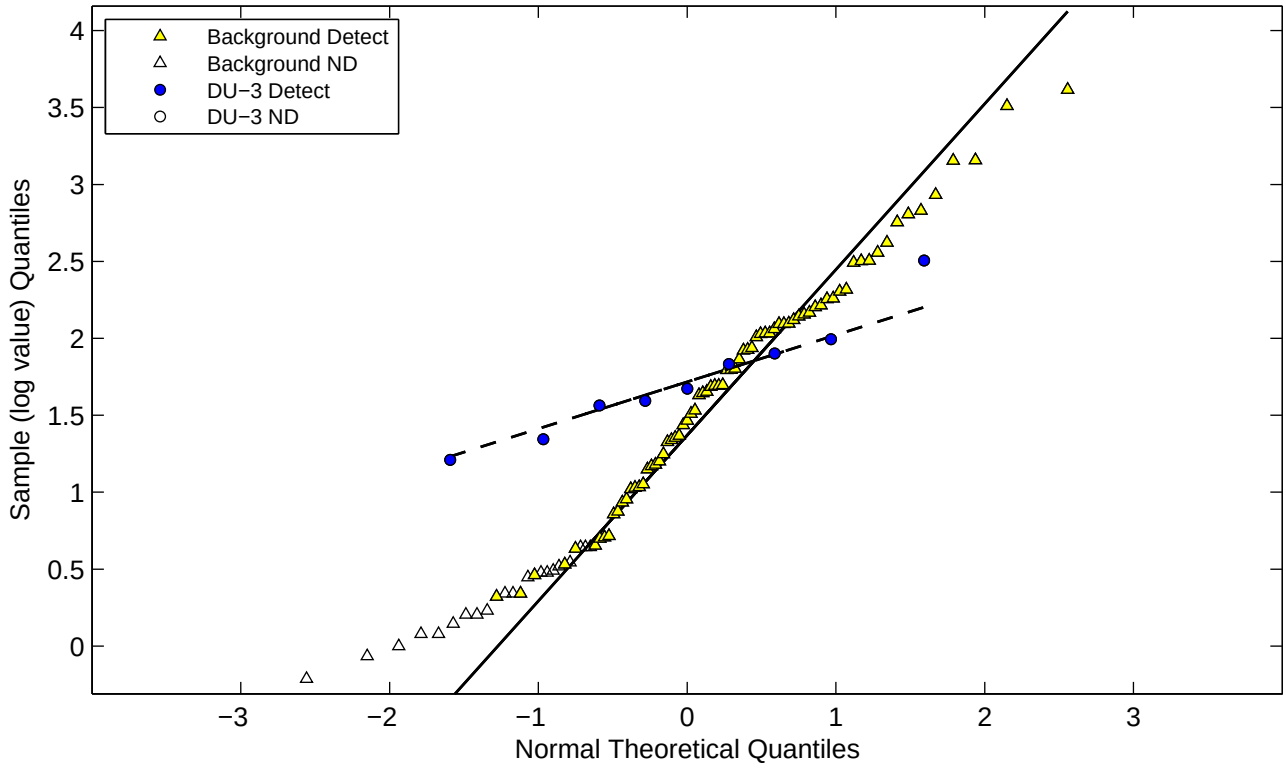
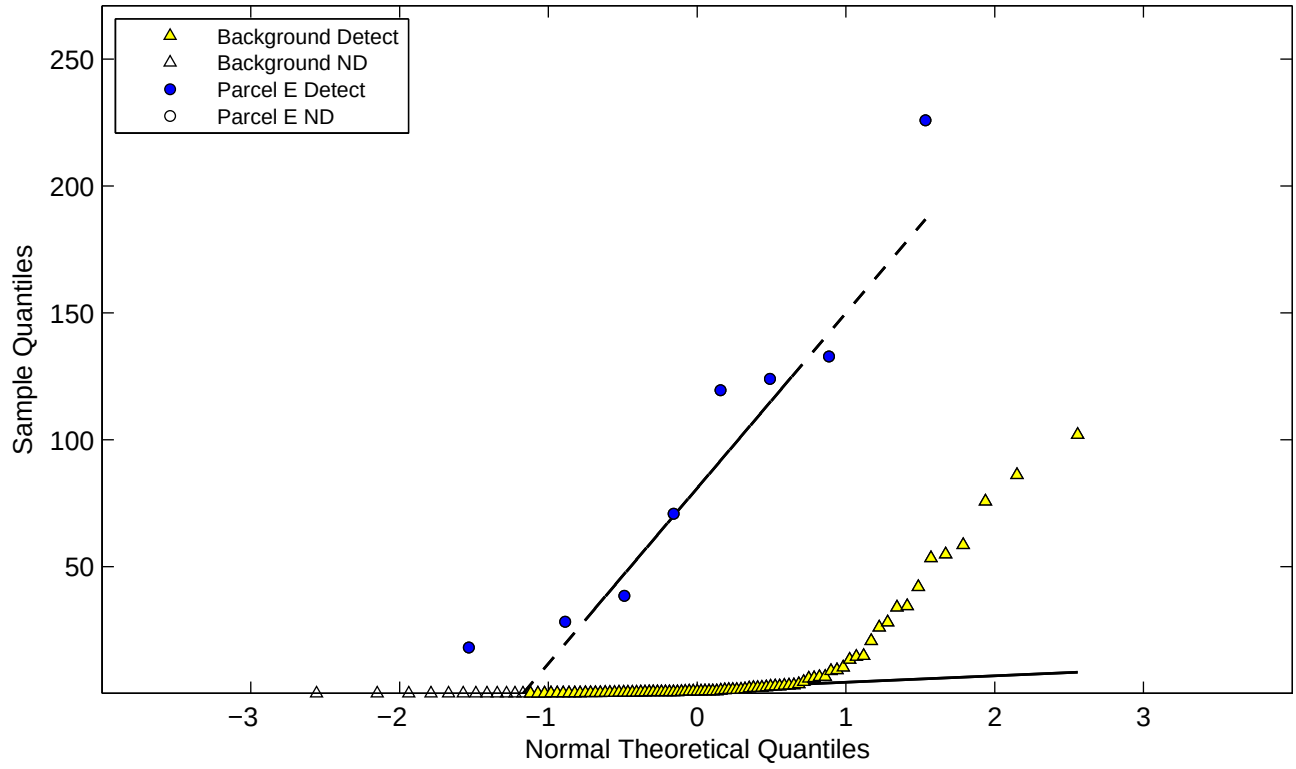


Figure E−2r. Normal and Lognormal Q−Q Plots for Inorganics (Parcel E)
Nitrate



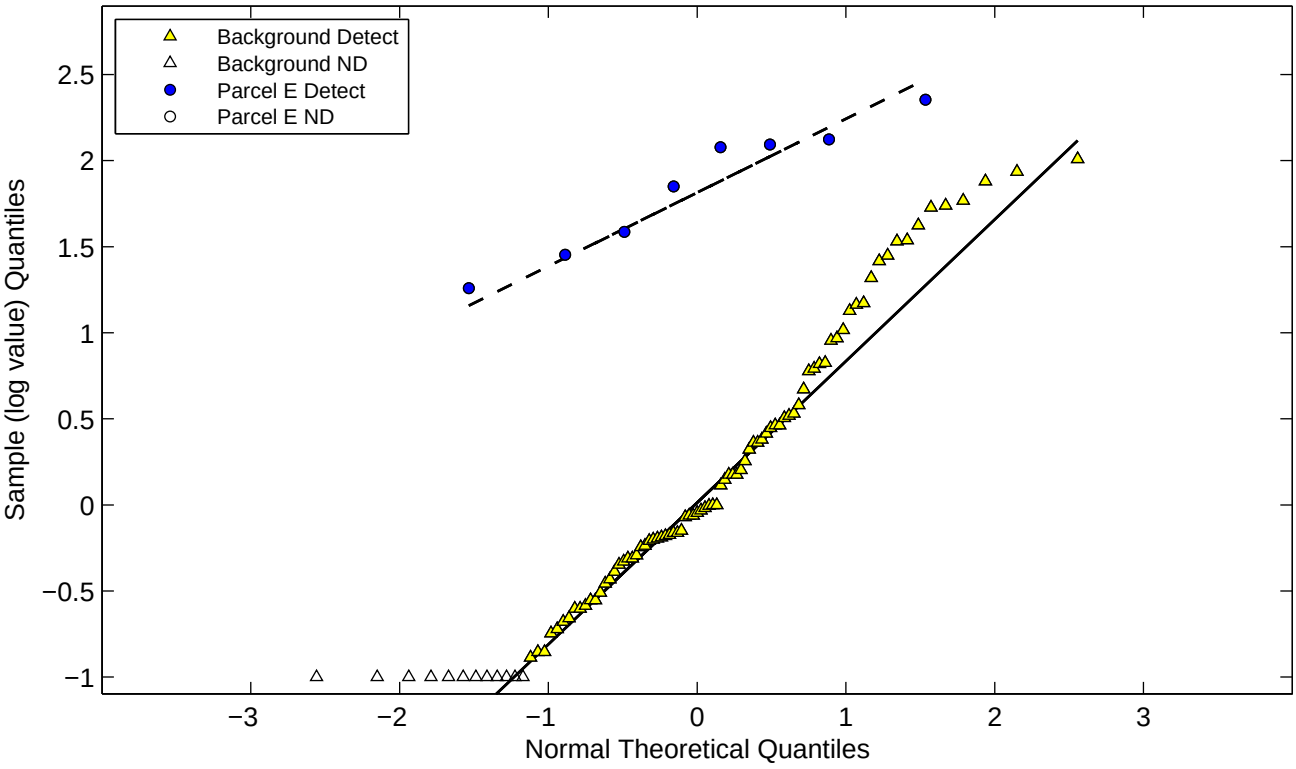
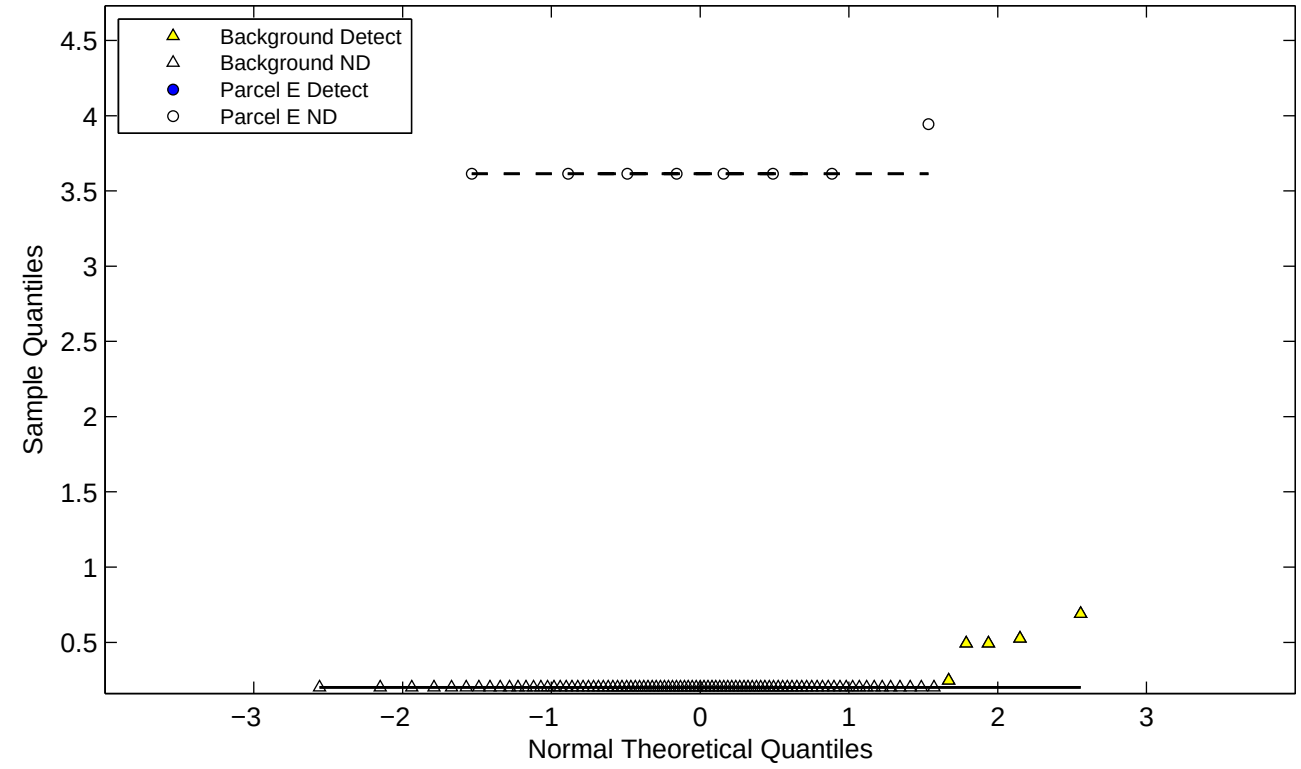


Figure E−2r. Normal and Lognormal Q−Q Plots for Inorganics (Parcel E)
Nitrite



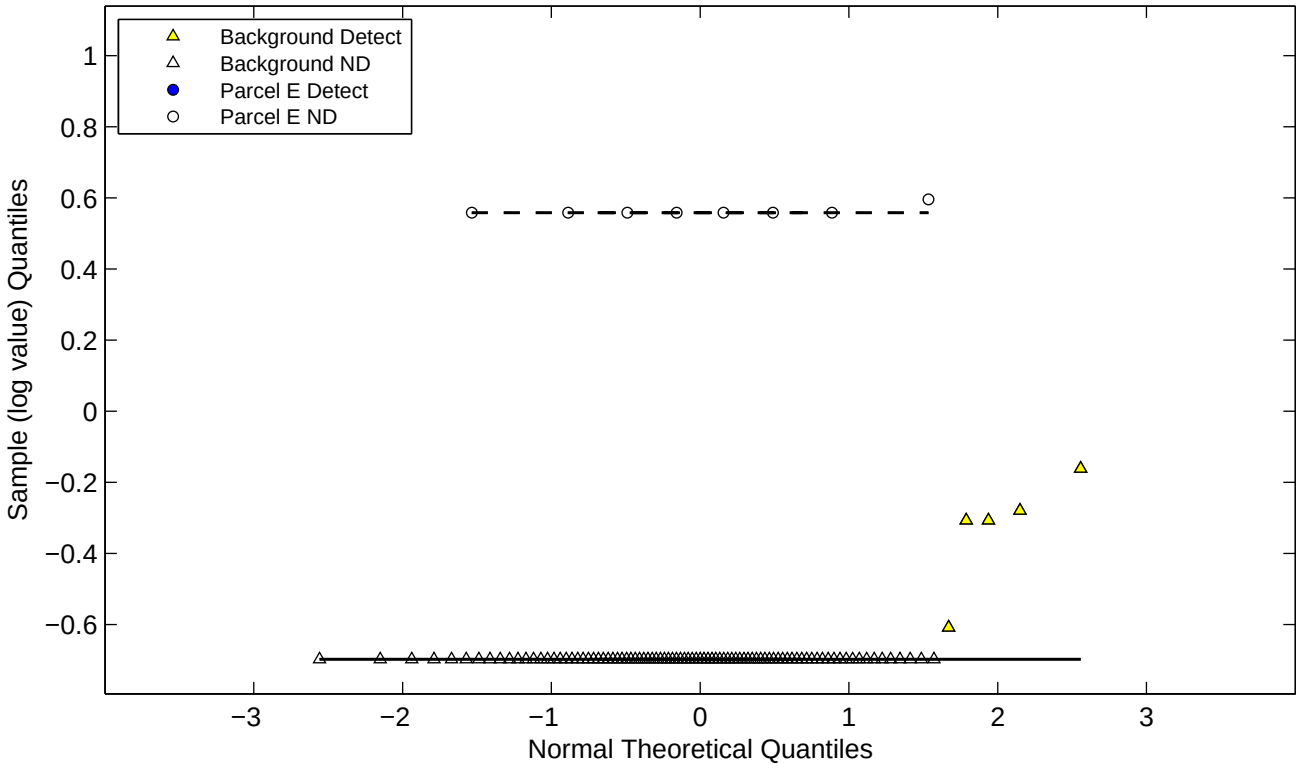
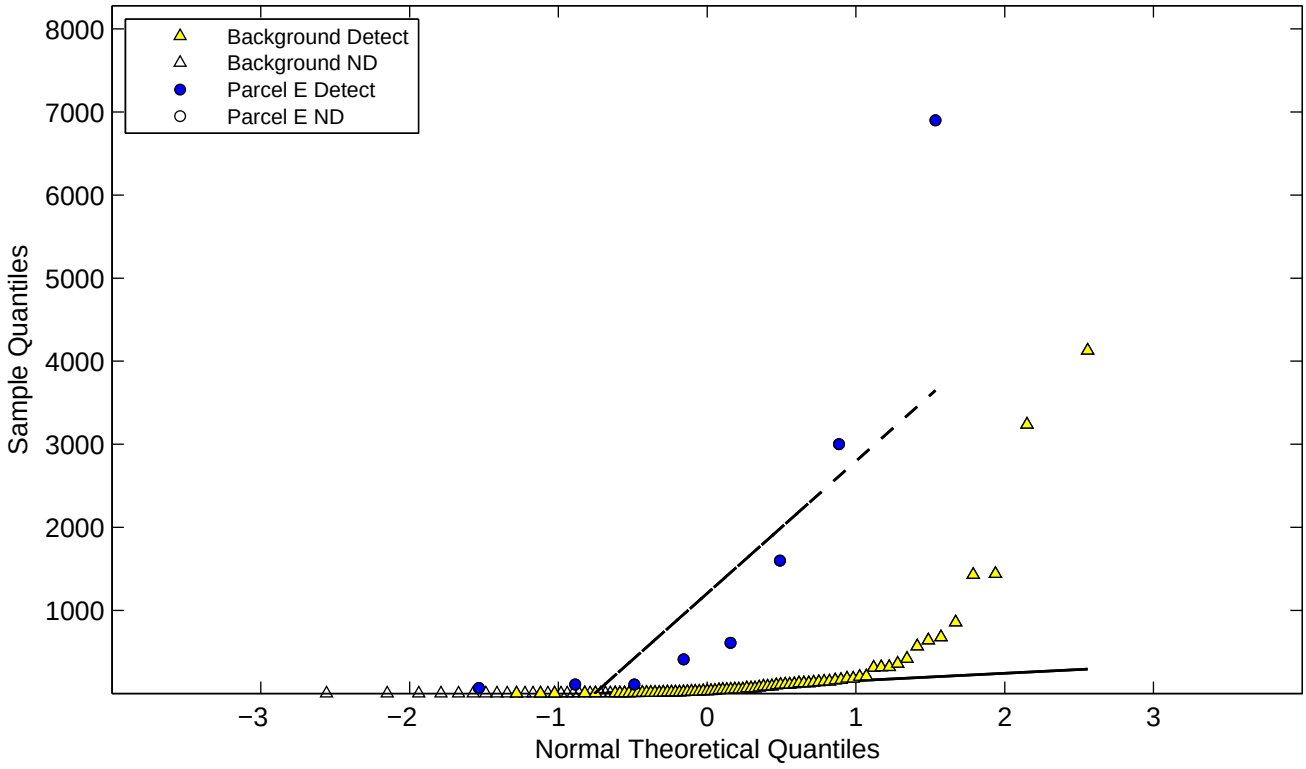


Figure E−2r. Normal and Lognormal Q−Q Plots for Inorganics (Parcel E)
Sulfate



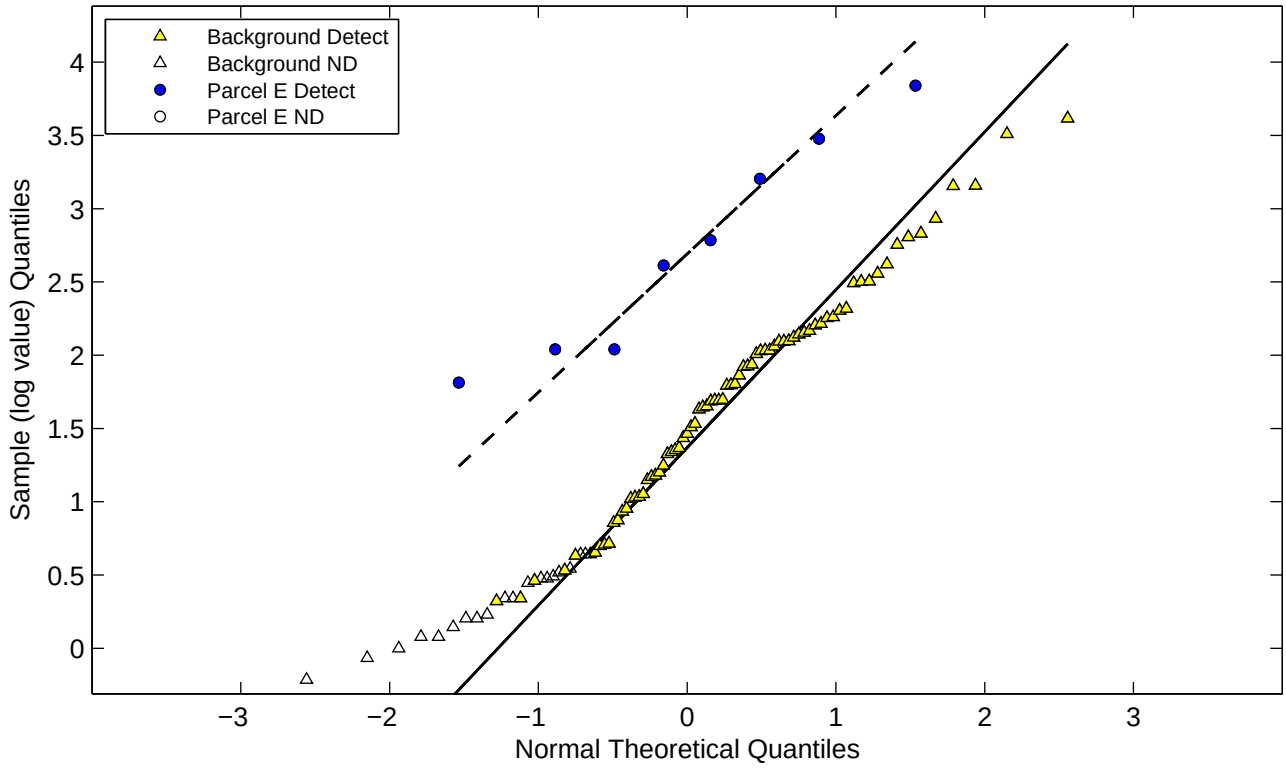


Table E-2a. Summary Statistics for Metals in Background (BRC/TIMET Regional) Soils and OU-1 Refined SLERA Study Area Soils
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	Location	No. of Samples	No. of Detects	% Detects	Non-Detects (mg/kg)		Detects (mg/kg)					Shapiro-Wilk Test	
					Minimun	Maximum	Minimum	Median	Mean	Maximum	Standard Deviation	Normal (*p*-value)	Lognormal (*p*-value)
Aluminum	Background	95	95	100%	NA	NA	3,740	8,400	9,000	15,300	2,680	*0.004*	0.02
	Operations Area	164	162	99%	260	520	3,900	8,890	8,720	13,000	1,450	*<0.001*	*<0.001*
	DU-1	130	128	98%	260	520	3,900	9,000	8,900	13,000	1,460	*<0.001*	*<0.001*
	DU-2	25	25	100%	NA	NA	5,510	7,920	8,090	10,100	1,080	0.8	0.3
	DU-3	9	9	100%	NA	NA	5,560	7,600	7,800	10,300	1,550	0.9	1
Antimony	Background	95	43	45%	0.33	0.33	0.12	0.22	0.24	0.50	0.099	*<0.001*	*<0.001*
	Operations Area	175	52	30%	0.18	0.60	0.11	0.41	0.77	2.4	0.75	*<0.001*	*<0.001*
	DU-1	141	30	21%	0.18	0.60	0.11	0.53	0.78	2.4	0.80	*<0.001*	*<0.001*
	DU-2	25	17	68%	0.50	0.60	0.14	1.0	0.93	2.2	0.71	*<0.001*	*0.001*
	DU-3	9	5	56%	0.50	0.50	0.12	0.16	0.16	0.19	0.027	0.07	0.1
	Parcel E	8	1	13%	0.27	0.28	0.31	0.31	0.31	0.31	NA	*<0.001*	*<0.001*
Arsenic	Background	95	95	100%	NA	NA	2.5	4.0	4.2	7.2	1.1	*<0.001*	0.1
	Operations Area	274	272	99%	0.26	0.26	1.3	3.0	3.8	39.2	3.4	*<0.001*	*<0.001*
	DU-1	218	216	99%	0.26	0.26	1.3	3.0	3.9	39.2	3.8	*<0.001*	*<0.001*
	DU-2	29	29	100%	NA	NA	1.7	2.4	2.7	5.5	0.84	*0.002*	0.2
	DU-3	27	27	100%	NA	NA	1.7	3.5	3.7	6.4	0.93	0.1	0.2
	Parcel E	8	8	100%	NA	NA	1.9	2.9	3.0	4.5	0.77	0.7	0.9
Barium	Background	95	95	100%	NA	NA	73	171	177	445	59.1	*<0.001*	0.6
	Operations Area	178	176	99%	39	39	32	176	182	440	54.2	*<0.001*	*<0.001*
	DU-1	144	142	99%	39	39	32	178	186	440	58.3	*<0.001*	*<0.001*
	DU-2	25	25	100%	NA	NA	130	169	170	249	24.8	0.06	0.5
	DU-3	9	9	100%	NA	NA	79.8	169	161	213	37.3	0.3	0.02
	Parcel E	8	8	100%	NA	NA	120	160	154	200	26.2	0.4	0.5
Beryllium	Background	95	95	100%	NA	NA	0.16	0.57	0.59	0.89	0.16	0.04	*<0.001*
	Operations Area	110	110	100%	NA	NA	0.28	0.47	0.46	0.62	0.069	0.8	0.02
	DU-1	76	76	100%	NA	NA	0.29	0.47	0.47	0.62	0.069	1	0.1
	DU-2	25	25	100%	NA	NA	0.34	0.45	0.46	0.60	0.068	0.4	0.8
	DU-3	9	9	100%	NA	NA	0.28	0.48	0.47	0.56	0.084	0.08	0.01

Table E-2a. Summary Statistics for Metals in Background (BRC/TIMET Regional) Soils and OU-1 Refined SLERA Study Area Soils
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	Location	No. of Samples	No. of Detects	% Detects	Non-Detects (mg/kg)		Detects (mg/kg)					Shapiro-Wilk Test	
					Minimun	Maximum	Minimum	Median	Mean	Maximum	Standard Deviation	Normal (*p*-value)	Lognormal (*p*-value)
Boron	Background	95	34	36%	3.2	5.1	5.2	6.8	7.1	11.6	1.6	*<0.001*	*<0.001*
	Operations Area	178	171	96%	1.1	130	2.5	6.9	26.4	1,510	142	*<0.001*	*<0.001*
	DU-1	144	137	95%	1.1	130	2.5	7.0	29.2	1,510	158	*<0.001*	*<0.001*
	DU-2	25	25	100%	NA	NA	3.1	7.7	18.8	112	27	*<0.001*	*<0.001*
	DU-3	9	9	100%	NA	NA	2.9	5.9	5.2	7.3	1.5	0.6	0.4
	Parcel E	8	8	100%	NA	NA	4.8	8.4	13	32	10.1	0.03	0.3
Cadmium	Background	95	0	0%	0.13	0.13	NA	NA	NA	NA	NA	NA	NA
	Operations Area	178	90	51%	0.04	13	0.04	0.11	0.28	8.9	0.94	*<0.001*	*<0.001*
	DU-1	144	57	40%	0.04	13	0.04	0.11	0.21	1.6	0.25	*<0.001*	*<0.001*
	DU-2	25	24	96%	0.04	0.04	0.05	0.15	0.52	8.9	1.8	*<0.001*	*<0.001*
	DU-3	9	9	100%	NA	NA	0.059	0.076	0.094	0.19	0.042	0.03	0.3
	Parcel E	8	0	0%	0.25	0.26	NA	NA	NA	NA	NA	*<0.001*	*<0.001*
Calcium	Background	95	95	100%	NA	NA	9,440	24,500	29,000	82,800	15,000	*<0.001*	0.1
	Operations Area	110	110	100%	NA	NA	12,400	23,300	24,800	62,500	8,490	*<0.001*	0.09
	DU-1	76	76	100%	NA	NA	12,400	22,100	24,200	62,500	9,200	*<0.001*	0.02
	DU-2	25	25	100%	NA	NA	14,700	25,000	26,200	43,900	6,410	0.4	1
	DU-3	9	9	100%	NA	NA	15,000	25,200	25,100	39,000	7,410	0.9	1
Chromium (total)	Background	95	95	100%	NA	NA	2.6	9.0	9.1	16.7	3.1	0.7	*0.005*
	Operations Area	178	176	99%	26	26	3.5	10	12.9	98.2	11.7	*<0.001*	*<0.001*
	DU-1	144	142	99%	26	26	3.5	10.3	13.6	98.2	12.8	*<0.001*	*<0.001*
	DU-2	25	25	100%	NA	NA	4.7	8.1	9.6	18.5	3.6	0.01	0.3
	DU-3	9	9	100%	NA	NA	5.2	10.6	11.2	27.1	6.3	*0.001*	0.1
Chromium VI	Background	95	0	0%	0.25	0.25	NA	NA	NA	NA	NA	NA	NA
	Operations Area	154	30	19%	0.10	0.53	0.12	1.0	2.6	20.3	4.9	*<0.001*	*<0.001*
	DU-1	120	24	20%	0.10	0.53	0.31	1.4	3.1	20.3	5.4	*<0.001*	*<0.001*
	DU-2	25	3	12%	0.11	0.20	0.27	0.56	0.80	1.6	0.69	*<0.001*	*<0.001*
	DU-3	9	3	33%	0.11	0.20	0.12	0.61	0.68	1.3	0.59	*<0.001*	*0.008*
	Parcel E	8	1	13%	0.15	0.16	0.26	0.26	0.26	0.26	NA	*<0.001*	*<0.001*
Cobalt	Background	95	95	100%	NA	NA	3.7	9.0	8.8	16.3	2.3	0.1	*0.009*
	Operations Area	197	194	98%	2.5	26	1.7	7.6	12.1	267	28.9	*<0.001*	*<0.001*
	DU-1	163	160	98%	2.5	26	1.7	7.7	13	267	31.8	*<0.001*	*<0.001*
	DU-2	25	25	100%	NA	NA	5.5	7.3	8.4	17.2	3.2	*<0.001*	*<0.001*
	DU-3	9	9	100%	NA	NA	4.8	6.7	6.7	7.8	0.93	0.5	0.2
	Parcel E	8	8	100%	NA	NA	3.8	5.4	5.3	6.2	0.79	0.7	0.4

Table E-2a. Summary Statistics for Metals in Background (BRC/TIMET Regional) Soils and OU-1 Refined SLERA Study Area Soils
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	Location	No. of Samples	No. of Detects	% Detects	Non-Detects (mg/kg)		Detects (mg/kg)					Shapiro-Wilk Test	
					Minimun	Maximum	Minimum	Median	Mean	Maximum	Standard Deviation	Normal (*p*-value)	Lognormal (*p*-value)
Copper	Background	95	95	100%	NA	NA	10.2	18.2	17.8	25.9	3.4	0.5	0.2
	Operations Area	178	176	99%	5.0	52	10.3	19	22.9	110	15.7	*<0.001*	*<0.001*
	DU-1	144	142	99%	5.0	52	10.3	19	24.2	110	17.1	*<0.001*	*<0.001*
	DU-2	25	25	100%	NA	NA	12.5	18	18.2	32.2	4.1	*0.005*	0.2
	DU-3	9	9	100%	NA	NA	11	13.3	15.1	22.1	3.7	0.3	0.6
	Parcel E	8	8	100%	NA	NA	11	14	14.4	17	1.9	0.6	0.5
Iron	Background	95	95	100%	NA	NA	5,410	13,200	13,100	19,700	3,410	0.2	*<0.001*
	Operations Area	178	178	100%	NA	NA	290	15,300	16,700	140,000	12,400	*<0.001*	*<0.001*
	DU-1	144	144	100%	NA	NA	290	15,700	17,000	140,000	13,500	*<0.001*	*<0.001*
	DU-2	25	25	100%	NA	NA	9,830	14,700	16,400	39,500	6,720	*<0.001*	*0.004*
	DU-3	9	9	100%	NA	NA	10,800	13,400	13,300	16,200	1,830	0.8	0.8
	Parcel E	8	8	100%	NA	NA	11,000	14,500	14,300	16,000	1,490	0.05	0.02
Lead	Background	95	95	100%	NA	NA	3.0	7.2	8.2	35.1	4.2	*<0.001*	*<0.001*
	Operations Area	190	186	98%	5.0	52	4.1	9.8	14.7	267	21.9	*<0.001*	*<0.001*
	DU-1	155	151	97%	5.0	52	4.1	9.8	14.7	267	22.6	*<0.001*	*<0.001*
	DU-2	25	25	100%	NA	NA	7.7	9.9	17	112	21.9	*<0.001*	*<0.001*
	DU-3	10	10	100%	NA	NA	7.1	8.1	8.6	11	1.3	0.3	0.4
	Parcel E	8	8	100%	NA	NA	5.9	8.1	8.0	10	1.3	0.8	0.8
Lithium	Background	95	95	100%	NA	NA	7.5	12.9	14	26.5	4.4	*<0.001*	0.03
	Operations Area	7	7	100%	NA	NA	9.9	13.3	13.7	21.9	4.3	0.2	0.4
	DU-2	5	5	100%	NA	NA	9.9	10.5	11.6	14.3	2.1	0.1	0.1
	DU-3	2	2	100%	NA	NA	15.8	18.9	18.9	21.9	4.3	NA	NA
Magnesium	Background	95	95	100%	NA	NA	4,690	10,300	10,300	17,500	2,830	0.3	*0.003*
	Operations Area	197	196	99%	260	260	450	9,160	14,600	189,000	26,900	*<0.001*	*<0.001*
	DU-1	163	162	99%	260	260	450	9,200	15,700	189,000	29,500	*<0.001*	*<0.001*
	DU-2	25	25	100%	NA	NA	6,320	8,360	9,280	28,800	4,210	*<0.001*	*<0.001*
	DU-3	9	9	100%	NA	NA	6,030	8,870	9,070	11,900	1,900	1	0.9
	Parcel E	8	8	100%	NA	NA	5,500	8,000	7,960	10,000	1,400	1	0.7
Manganese	Background	95	95	100%	NA	NA	151	407	415	863	130	0.2	0.03
	Operations Area	214	214	100%	NA	NA	77.1	430	3,110	250,000	22,700	*<0.001*	*<0.001*
	DU-1	180	180	100%	NA	NA	77.1	453	3,620	250,000	24,700	*<0.001*	*<0.001*
	DU-2	24	24	100%	NA	NA	262	365	403	1,290	199	*<0.001*	*<0.001*
	DU-3	10	10	100%	NA	NA	167	331	418	1,500	387	*<0.001*	0.01
	Parcel E	8	8	100%	NA	NA	270	330	348	450	58.2	0.6	0.8

Table E-2a. Summary Statistics for Metals in Background (BRC/TIMET Regional) Soils and OU-1 Refined SLERA Study Area Soils
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	Location	No. of Samples	No. of Detects	% Detects	Non-Detects (mg/kg)		Detects (mg/kg)					Shapiro-Wilk Test	
					Minimun	Maximum	Minimum	Median	Mean	Maximum	Standard Deviation	Normal (*p*-value)	Lognormal (*p*-value)
Mercury	Background	95	73	77%	0.0072	0.0072	0.0084	0.018	0.023	0.11	0.017	*<0.001*	*<0.001*
	Operations Area	179	153	85%	0.0067	0.11	0.005	0.019	0.06	1.8	0.17	*<0.001*	*<0.001*
	DU-1	144	123	85%	0.0067	0.11	0.006	0.023	0.067	1.8	0.18	*<0.001*	*<0.001*
	DU-2	25	23	92%	0.0071	0.0071	0.006	0.016	0.021	0.056	0.014	*<0.001*	0.1
	DU-3	10	7	70%	0.0071	0.0078	0.005	0.011	0.054	0.31	0.11	*<0.001*	*0.005*
	Parcel E	8	6	75%	0.012	0.012	0.02	0.024	0.087	0.40	0.15	*<0.001*	0.04
Molybdenum	Background	95	95	100%	NA	NA	0.30	0.49	0.55	2.0	0.25	*<0.001*	*<0.001*
	Operations Area	178	128	72%	1.0	52	0.23	0.54	1.4	41	3.9	*<0.001*	*<0.001*
	DU-1	144	94	65%	1.0	52	0.23	0.55	1.7	41	4.5	*<0.001*	*<0.001*
	DU-2	25	25	100%	NA	NA	0.27	0.54	0.74	2.8	0.59	*<0.001*	0.04
	DU-3	9	9	100%	NA	NA	0.30	0.48	0.50	0.97	0.19	*0.008*	0.2
	Parcel E	8	0	0%	1.0	1.0	NA	NA	NA	NA	NA	NA	NA
Nickel	Background	95	95	100%	NA	NA	7.9	16.4	16.2	30	4.0	0.04	0.04
	Operations Area	178	175	98%	5.0	52	2.5	15.6	16.2	98.4	8.8	*<0.001*	*<0.001*
	DU-1	144	141	98%	5.0	52	2.5	15.9	16.3	98.4	9.5	*<0.001*	*<0.001*
	DU-2	25	25	100%	NA	NA	12.9	15.2	16.5	32.4	4.7	*<0.001*	*<0.001*
	DU-3	9	9	100%	NA	NA	11.1	13.1	13.5	16.7	1.9	0.4	0.5
	Parcel E	8	8	100%	NA	NA	11	15	15	21	3.0	0.4	0.7
Niobium	Background	95	0	0%	1.0	2.8	NA	NA	NA	NA	NA	*<0.001*	*<0.001*
	Operations Area	37	3	8%	1.1	3.2	2.3	3.0	4.8	9.2	3.8	*<0.001*	*<0.001*
	DU-1	30	1	3%	1.1	3.2	2.3	2.3	2.3	2.3	NA	*0.005*	0.04
	DU-2	5	2	40%	1.5	1.5	3.0	6.1	6.1	9.2	4.4	0.01	0.05
	DU-3	2	0	0%	1.5	1.5	NA	NA	NA	NA	NA	NA	NA
Palladium	Background	95	95	100%	NA	NA	0.16	0.42	0.48	1.5	0.24	*<0.001*	0.3
	Operations Area	30	7	23%	0.048	0.06	0.33	0.44	0.44	0.53	0.078	*<0.001*	*<0.001*
	DU-1	23	0	0%	0.048	0.06	NA	NA	NA	NA	NA	0.02	0.05
	DU-2	5	5	100%	NA	NA	0.33	0.42	0.41	0.49	0.066	0.7	0.7
	DU-3	2	2	100%	NA	NA	0.51	0.52	0.52	0.53	0.014	NA	NA
Phosphorus (total)	Background	95	95	100%	NA	NA	862	1,490	1,470	2,010	278	0.1	0.02
	Operations Area	136	134	99%	130	130	160	900	897	1,600	228	*0.004*	*<0.001*
	DU-1	107	105	98%	130	130	160	928	923	1,600	242	*0.002*	*<0.001*
	DU-2	23	23	100%	NA	NA	540	811	812	1,010	119	0.8	0.4
	DU-3	6	6	100%	NA	NA	584	722	774	1,140	212	0.3	0.5
	Parcel E	8	8	100%	NA	NA	730	900	933	1,300	176	0.3	0.7

Table E-2a. Summary Statistics for Metals in Background (BRC/TIMET Regional) Soils and OU-1 Refined SLERA Study Area Soils
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	Location	No. of Samples	No. of Detects	% Detects	Non-Detects (mg/kg)		Detects (mg/kg)					Shapiro-Wilk Test	
					Minimun	Maximum	Minimum	Median	Mean	Maximum	Standard Deviation	Normal (*p*-value)	Lognormal (*p*-value)
Platinum	Background	95	5	5%	0.044	0.044	0.045	0.064	0.071	0.099	0.02	*<0.001*	*<0.001*
	Operations Area	110	75	68%	0.007	0.023	0.005	0.01	0.018	0.16	0.021	*<0.001*	*<0.001*
	DU-1	76	49	64%	0.007	0.023	0.006	0.01	0.013	0.041	0.0081	*<0.001*	*<0.001*
	DU-2	25	19	76%	0.011	0.02	0.006	0.013	0.024	0.077	0.021	*<0.001*	*0.004*
	DU-3	9	7	78%	0.02	0.02	0.005	0.017	0.037	0.16	0.055	*<0.001*	0.09
Potassium	Background	95	95	100%	NA	NA	625	1,580	1,750	3,890	759	*<0.001*	0.5
	Operations Area	110	110	100%	NA	NA	1,230	2,420	2,520	6,120	691	*<0.001*	*0.009*
	DU-1	76	76	100%	NA	NA	1,570	2,660	2,750	6,120	696	*<0.001*	*0.001*
	DU-2	25	25	100%	NA	NA	1,580	2,130	2,120	2,450	224	0.06	*0.01*
	DU-3	9	9	100%	NA	NA	1,230	1,750	1,700	2,020	276	0.4	0.3
Selenium	Background	95	33	35%	0.16	0.16	0.23	0.31	0.33	0.60	0.076	*<0.001*	*<0.001*
	Operations Area	170	17	10%	0.11	1.0	0.11	1.0	1.2	3.4	0.99	*<0.001*	*<0.001*
	DU-1	136	15	11%	0.12	1.0	0.11	1.1	1.3	3.4	1.0	*<0.001*	*<0.001*
	DU-2	25	1	4%	0.11	0.80	0.80	0.80	0.80	0.80	NA	*<0.001*	*<0.001*
	DU-3	9	1	11%	0.12	0.80	1.0	1.0	1.0	1.0	NA	*0.008*	0.3
Silicon	Background	95	95	100%	NA	NA	335	721	1,010	4,150	811	*<0.001*	*<0.001*
	Operations Area	36	36	100%	NA	NA	42	130	129	260	56	0.3	0.2
	DU-1	29	29	100%	NA	NA	42	120	127	260	59.7	0.2	0.4
	DU-2	5	5	100%	NA	NA	114	164	150	180	31.7	0.1	0.09
	DU-3	2	2	100%	NA	NA	72.5	110	110	147	52.7	NA	NA
Silver	Background	95	0	0%	0.26	0.26	NA	NA	NA	NA	NA	NA	NA
	Operations Area	178	31	17%	0.20	39	0.034	0.12	0.20	1.7	0.32	*<0.001*	*<0.001*
	DU-1	144	16	11%	0.20	39	0.034	0.12	0.12	0.30	0.064	*<0.001*	*<0.001*
	DU-2	25	10	40%	0.20	0.20	0.093	0.12	0.37	1.7	0.54	*<0.001*	*<0.001*
	DU-3	9	5	56%	0.20	0.20	0.086	0.12	0.12	0.15	0.025	0.05	0.09
	Parcel E	8	0	0%	0.89	0.93	NA	NA	NA	NA	NA	0.2	0.2
Sodium	Background	95	95	100%	NA	NA	128	487	498	1,320	285	*<0.001*	*<0.001*
	Operations Area	110	110	100%	NA	NA	197	708	1,020	6,630	1,020	*<0.001*	*0.002*
	DU-1	76	76	100%	NA	NA	197	673	1,080	6,630	1,150	*<0.001*	0.02
	DU-2	25	25	100%	NA	NA	313	763	939	3,070	694	*<0.001*	0.04
	DU-3	9	9	100%	NA	NA	345	583	654	1,080	262	0.5	0.6

Table E-2a. Summary Statistics for Metals in Background (BRC/TIMET Regional) Soils and OU-1 Refined SLERA Study Area Soils
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	Location	No. of Samples	No. of Detects	% Detects	Non-Detects (mg/kg)		Detects (mg/kg)					Shapiro-Wilk Test	
					Minimun	Maximum	Minimum	Median	Mean	Maximum	Standard Deviation	Normal (*p*-value)	Lognormal (*p*-value)
Strontium	Background	95	95	100%	NA	NA	75.5	192	232	808	133	*<0.001*	0.07
	Operations Area	155	153	99%	130	130	63	160	170	420	59.5	*<0.001*	0.1
	DU-1	121	119	98%	130	130	63	156	166	420	59.5	*<0.001*	0.1
	DU-2	25	25	100%	NA	NA	116	182	192	309	51.7	0.02	0.4
	DU-3	9	9	100%	NA	NA	72.5	140	157	253	71.3	0.2	0.2
	Parcel E	8	8	100%	NA	NA	120	155	171	290	55.1	0.08	0.4
Thallium	Background	95	21	22%	0.20	1.1	1.1	1.4	1.4	1.8	0.25	*<0.001*	*<0.001*
	Operations Area	178	111	62%	0.073	0.53	0.06	0.12	0.23	8.4	0.79	*<0.001*	*<0.001*
	DU-1	144	79	55%	0.073	0.53	0.06	0.12	0.27	8.4	0.94	*<0.001*	*<0.001*
	DU-2	25	25	100%	NA	NA	0.076	0.11	0.13	0.38	0.07	*<0.001*	*0.01*
	DU-3	9	7	78%	0.077	0.082	0.067	0.11	0.14	0.22	0.06	0.3	0.5
	Parcel E	8	0	0%	0.25	0.26	NA	NA	NA	NA	NA	*<0.001*	*<0.001*
Tin	Background	95	95	100%	NA	NA	0.24	0.51	0.50	0.80	0.11	0.5	0.1
	Operations Area	110	109	99%	10.6	10.6	0.43	4.1	3.7	10.7	1.8	*<0.001*	*<0.001*
	DU-1	76	75	99%	10.6	10.6	0.45	4.2	4.0	10.7	1.7	*<0.001*	*<0.001*
	DU-2	25	25	100%	NA	NA	0.47	4.0	3.3	5.8	1.8	*<0.001*	*<0.001*
	DU-3	9	9	100%	NA	NA	0.43	0.56	2.3	5.0	2.2	*0.003*	*0.003*
Titanium	Background	95	95	100%	NA	NA	262	539	561	1,010	151	0.03	0.9
	Operations Area	110	110	100%	NA	NA	364	749	737	1,270	186	0.08	0.01
	DU-1	76	76	100%	NA	NA	421	790	769	1,270	183	0.07	*0.002*
	DU-2	25	25	100%	NA	NA	364	653	683	1,080	184	0.2	0.7
	DU-3	9	9	100%	NA	NA	442	604	617	857	151	0.4	0.4
Tungsten	Background	95	0	0%	0.49	2.5	NA	NA	NA	NA	NA	*<0.001*	0.3
	Operations Area	155	112	72%	2.6	260	0.10	0.24	0.48	9.4	1.0	*<0.001*	*<0.001*
	DU-1	121	78	64%	2.6	260	0.11	0.24	0.57	9.4	1.2	*<0.001*	*<0.001*
	DU-2	25	25	100%	NA	NA	0.10	0.22	0.29	1.4	0.27	*<0.001*	0.03
	DU-3	9	9	100%	NA	NA	0.12	0.32	0.29	0.43	0.10	0.7	0.2
	Parcel E	8	0	0%	2.5	2.6	NA	NA	NA	NA	NA	*<0.001*	*<0.001*
Uranium (total)	Background	94	94	100%	NA	NA	0.62	0.97	1.0	2.7	0.31	*<0.001*	*<0.001*
	Operations Area	141	141	100%	NA	NA	0.099	0.86	0.93	2.7	0.32	*<0.001*	*<0.001*
	DU-1	107	107	100%	NA	NA	0.099	0.84	0.92	2.7	0.33	*<0.001*	*<0.001*
	DU-2	25	25	100%	NA	NA	0.68	0.91	0.90	1.3	0.17	0.09	0.2
	DU-3	9	9	100%	NA	NA	0.74	1.1	1.3	1.9	0.39	0.5	0.8

Table E-2a. Summary Statistics for Metals in Background (BRC/TIMET Regional) Soils and OU-1 Refined SLERA Study Area Soils
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	Location	No. of Samples	No. of Detects	% Detects	Non-Detects (mg/kg)		Detects (mg/kg)					Shapiro-Wilk Test	
					Minimun	Maximum	Minimum	Median	Mean	Maximum	Standard Deviation	Normal (*p*-value)	Lognormal (*p*-value)
Vanadium	Background	95	95	100%	NA	NA	20.2	38.4	39.1	59.1	8.4	0.6	0.1
	Operations Area	124	124	100%	NA	NA	8.6	41.7	41.2	67.6	10.2	0.6	*<0.001*
	DU-1	90	90	100%	NA	NA	8.6	42.8	42	67.6	10.9	0.6	*<0.001*
	DU-2	25	25	100%	NA	NA	24.1	39.1	39.7	54.9	8.7	0.5	0.6
	DU-3	9	9	100%	NA	NA	30.3	39.2	37.9	45	5.1	0.7	0.6
	Parcel E	8	8	100%	NA	NA	36	42.5	42.4	53	5.6	0.5	0.7
Zinc	Background	95	95	100%	NA	NA	15.4	37.9	37.8	121	13	*<0.001*	*0.004*
	Operations Area	164	161	98%	13	130	21.5	34	46.8	890	74	*<0.001*	*<0.001*
	DU-1	130	127	98%	13	130	22	34.9	50.1	890	82.9	*<0.001*	*<0.001*
	DU-2	25	25	100%	NA	NA	25.1	33.6	36.3	78.6	12.1	*<0.001*	*<0.001*
	DU-3	9	9	100%	NA	NA	21.5	27.1	28.8	35.4	4.7	0.7	0.7
Zirconium	Background	95	95	100%	NA	NA	86.1	129	131	179	22.2	0.05	0.4
	Operations Area	52	43	83%	5.1	130	14	22	22.5	43	4.7	*<0.001*	*<0.001*
	DU-1	45	36	80%	5.1	130	14	22	22.7	43	5.1	*<0.001*	*<0.001*
	DU-2	5	5	100%	NA	NA	20.6	22	22.1	23.8	1.3	0.9	0.9
	DU-3	2	2	100%	NA	NA	18	20	20	22	2.8	NA	NA
	Parcel E	8	8	100%	NA	NA	8.4	16.5	15.9	20	3.4	0.06	*0.006*

Notes:
mg/kg = milligram per kilogram
NA = value not available
p-values < 0.01 are shown in italic.
BRC/TIMET regional background dataset is used as background.
Shapiro Wilk tests use 1/2 the detection limit (DL) for non-detects.

Table E-2b. Background Comparisons for Metals in OU-1 Refined SLERA Study Area Soils

Nevada Environmental Response Trust Site

Henderson, Nevada

Location	Chemical Name	Distribution	*t*-test	*t*-test (logged data)	Gehan Test	Quantile Test (0.8)	Slippage Test	Fail Statistical Testing for Background Consistency?
			(*p*-value)	(*p*-value)	(*p*-value)	(*p*-value)	(*p*-value)	
Operations Area	Aluminum	NP	0.9	0.8	0.6	1	1	No
	Antimony	NP	*<0.001*	*<0.001*	*0.002*	1	*<0.001*	Yes
	Arsenic	NP	1	1	1	1	*0.02*	Yes
	Barium	NP	0.3	0.4	0.2	1	1	No
	Beryllium	N	1	1	1	1	1	No
	Boron	NP	*0.02*	*<0.001*	*<0.001*	0.6	*<0.001*	Yes
	Cadmium	NP	NA	NA	NA	NA	*<0.001*	LDF
	Calcium	LN	1	0.9	0.9	1	1	No
	Chromium (total)	NP	*<0.001*	*<0.001*	*0.002*	0.6	*<0.001*	Yes
	Chromium VI	NP	NA	NA	NA	NA	*<0.001*	LDF
	Cobalt	NP	0.06	0.9	1	1	*0.02*	Yes
	Copper	NP	*<0.001*	*<0.001*	*0.02*	0.8	*<0.001*	Yes
	Iron	NP	*<0.001*	*<0.001*	*<0.001*	*0.002*	*<0.001*	Yes
	Lead	NP	*<0.001*	*<0.001*	*<0.001*	0.7	*0.02*	Yes
	Lithium	LN	0.6	0.6	0.6	0.8	1	No
	Magnesium	NP	*0.02*	0.7	1	1	*0.001*	Yes
	Manganese	NP	0.04	*<0.001*	*0.008*	*<0.001*	*<0.001*	Yes
	Mercury	NP	*0.002*	*<0.001*	*0.002*	0.7	*0.005*	Yes
	Molybdenum	NP	*0.002*	*<0.001*	*0.005*	0.7	*<0.001*	Yes
	Nickel	NP	0.5	0.9	1	1	0.3	No
	Niobium	NP	*0.005*	*<0.001*	*0.001*	*0.02*	0.06	LDF
	Palladium	NP	1	1	1	1	1	LDF
	Phosphorus (total)	NP	1	1	1	1	1	No
	Platinum	NP	1	1	0.7	0.2	0.5	LDF
	Potassium	NP	*<0.001*	*<0.001*	*<0.001*	*0.001*	0.2	Yes

Table E-2b. Background Comparisons for Metals in OU-1 Refined SLERA Study Area Soils
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Chemical Name	Distribution	*t*-test	*t*-test (logged data)	Gehan Test	Quantile Test (0.8)	Slippage Test	Fail Statistical Testing for Background Consistency?
			(*p*-value)	(*p*-value)	(*p*-value)	(*p*-value)	(*p*-value)	
Operations Area	Selenium	NP	*<0.001*	*<0.001*	0.1	1	*<0.001*	LDF
	Silicon	NP	1	1	1	1	1	No
	Silver	NP	NA	NA	NA	NA	0.2	LDF
	Sodium	NP	*<0.001*	*<0.001*	*<0.001*	*<0.001*	*<0.001*	Yes
	Strontium	LN	1	1	1	1	1	No
	Thallium	NP	1	1	1	1	0.7	LDF
	Tin	NP	*<0.001*	*<0.001*	*<0.001*	*<0.001*	*<0.001*	Yes
	Titanium	N,LN	*<0.001*	*<0.001*	*<0.001*	*<0.001*	0.04	Yes
	Tungsten	NP	0.03	0.6	*0.004*	*<0.001*	0.2	LDF
	Uranium (total)	NP	1	1	1	0.8	1	No
	Vanadium	N	0.05	0.1	0.05	*0.006*	0.1	Yes
	Zinc	NP	0.07	0.2	0.9	1	0.2	No
	Zirconium	NP	1	1	1	1	1	No
DU-1	Aluminum	NP	0.8	0.8	0.4	1	1	No
	Antimony	NP	*<0.001*	*<0.001*	*0.01*	1	*<0.001*	LDF
	Arsenic	NP	0.9	1	1	1	*0.008*	Yes
	Barium	NP	0.2	0.3	0.1	1	1	No
	Beryllium	N	1	1	1	1	1	No
	Boron	NP	0.03	*<0.001*	*<0.001*	0.6	*<0.001*	Yes
	Cadmium	NP	NA	NA	NA	NA	*<0.001*	LDF
	Calcium	LN	1	1	0.9	1	1	No
	Chromium (total)	NP	*<0.001*	*<0.001*	*<0.001*	0.6	*<0.001*	Yes
	Chromium VI	NP	NA	NA	NA	NA	*<0.001*	LDF
	Cobalt	NP	0.05	0.8	1	1	*0.01*	Yes
	Copper	NP	*<0.001*	*<0.001*	*0.003*	0.6	*<0.001*	Yes

Table E-2b. Background Comparisons for Metals in OU-1 Refined SLERA Study Area Soils

Nevada Environmental Response Trust Site

Henderson, Nevada

Location	Chemical Name	Distribution	*t*-test	*t*-test (logged data)	Gehan Test	Quantile Test (0.8)	Slippage Test	Fail Statistical Testing for Background Consistency?
			(*p*-value)	(*p*-value)	(*p*-value)	(*p*-value)	(*p*-value)	
DU-1	Iron	NP	*<0.001*	*0.002*	*<0.001*	*<0.001*	*<0.001*	Yes
	Lead	NP	*<0.001*	*<0.001*	*<0.001*	0.8	*0.02*	Yes
	Magnesium	NP	*0.01*	0.6	1	1	*<0.001*	Yes
	Manganese	NP	0.04	*<0.001*	*<0.001*	*<0.001*	*<0.001*	Yes
	Mercury	NP	*0.003*	*<0.001*	*<0.001*	0.7	*0.003*	Yes
	Molybdenum	NP	*0.002*	*<0.001*	*0.002*	0.6	*<0.001*	Yes
	Nickel	NP	0.4	0.9	0.9	1	0.4	No
	Niobium	NP	*<0.001*	*<0.001*	*0.01*	0.04	1	LDF
	Palladium	LN	1	1	1	1	1	LDF
	Phosphorus (total)	NP	1	1	1	1	1	No
	Platinum	NP	1	1	1	*<0.001*	1	LDF
	Potassium	NP	*<0.001*	*<0.001*	*<0.001*	*<0.001*	0.09	Yes
	Selenium	NP	*<0.001*	*<0.001*	0.05	1	*<0.001*	LDF
	Silicon	NP	1	1	1	1	1	No
	Silver	NP	NA	NA	NA	NA	0.4	LDF
	Sodium	NP	*<0.001*	*<0.001*	*<0.001*	*<0.001*	*<0.001*	Yes
	Strontium	LN	1	1	1	1	1	No
	Thallium	NP	1	1	1	0.9	0.6	LDF
	Tin	NP	*<0.001*	*<0.001*	*<0.001*	*<0.001*	*<0.001*	Yes
	Titanium	N	*<0.001*	*<0.001*	*<0.001*	*<0.001*	0.04	Yes
	Tungsten	NP	0.03	0.06	*0.002*	*<0.001*	0.09	LDF
	Uranium (total)	NP	1	1	1	0.8	1	No
	Vanadium	N	*0.02*	0.08	*0.02*	*0.003*	0.05	Yes
	Zinc	NP	0.05	0.07	0.7	1	0.1	No
	Zirconium	NP	1	1	1	1	1	No

Table E-2b. Background Comparisons for Metals in OU-1 Refined SLERA Study Area Soils

Nevada Environmental Response Trust Site

Henderson, Nevada

Location	Chemical Name	Distribution	*t*-test	*t*-test (logged data)	Gehan Test	Quantile Test (0.8)	Slippage Test	Fail Statistical Testing for Background Consistency?
			(*p*-value)	(*p*-value)	(*p*-value)	(*p*-value)	(*p*-value)	
DU-2	Aluminum	LN	1	1	0.8	1	1	No
	Antimony	NP	*<0.001*	*<0.001*	*<0.001*	*<0.001*	*<0.001*	Yes
	Arsenic	LN	1	1	1	1	1	No
	Barium	LN	0.8	0.5	0.6	1	1	No
	Beryllium	N	1	1	1	1	1	No
	Boron	NP	*0.005*	*<0.001*	*<0.001*	*0.04*	*<0.001*	Yes
	Cadmium	NP	*NA*	NA	NA	NA	*<0.001*	LDF
	Calcium	LN	0.9	0.6	0.4	1	1	No
	Chromium (total)	N	0.3	0.2	0.4	0.6	0.04	No
	Chromium VI	NP	*NA*	NA	NA	NA	*0.008*	LDF
	Cobalt	NP	0.7	0.8	1	0.7	0.2	No
	Copper	LN	0.3	0.4	0.4	0.6	0.2	No
	Iron	NP	*0.01*	*0.003*	*0.01*	*0.2*	*0.008*	Yes
	Lead	NP	0.03	*<0.001*	*<0.001*	*0.07*	0.04	Yes
	Lithium	LN	1	0.9	0.9	1	1	No
	Magnesium	NP	0.9	1	1	1	0.2	No
	Manganese	NP	0.6	0.7	0.9	1	0.2	No
	Mercury	NP	0.3	0.1	0.2	0.9	1	No
	Molybdenum	NP	0.06	0.08	0.09	0.08	0.04	No
	Nickel	NP	0.4	0.4	0.8	0.8	0.2	No
	Niobium	NP	*0.1*	0.08	*<0.001*	*0.2*	*0.002*	LDF
	Palladium	LN	1	0.8	0.6	1	1	No
	Phosphorus (total)	N,LN	1	1	1	1	1	No
	Platinum	NP	0.8	1	0.1	0.6	1	LDF
	Potassium	NP	*<0.001*	*<0.001*	*<0.001*	*0.8*	1	Yes

Table E-2b. Background Comparisons for Metals in OU-1 Refined SLERA Study Area Soils

Nevada Environmental Response Trust Site

Henderson, Nevada

Location	Chemical Name	Distribution	*t*-test	*t*-test (logged data)	Gehan Test	Quantile Test (0.8)	Slippage Test	Fail Statistical Testing for Background Consistency?
			(*p*-value)	(*p*-value)	(*p*-value)	(*p*-value)	(*p*-value)	
DU-2	Selenium	NP	*<0.001*	*<0.001*	*0.7*	1	0.08	LDF
	Silicon	NP	1	1	1	1	1	No
	Silver	NP	NA	NA	NA	NA	0.04	LDF
	Sodium	NP	*0.002*	*<0.001*	*<0.001*	*0.002*	*0.002*	Yes
	Strontium	LN	1	0.9	0.7	0.9	1	No
	Thallium	NP	1	1	1	1	1	LDF
	Tin	NP	*<0.001*	*<0.001*	*<0.001*	*<0.001*	*<0.001*	Yes
	Titanium	N,LN	*0.002*	*0.001*	*0.001*	*0.008*	*0.2*	Yes
	Tungsten	LN	1	1	0.03	*<0.001*	*1*	LDF
	Uranium (total)	NP	1	1	1	0.9	1	No
	Vanadium	N,LN	0.4	0.4	0.4	0.4	1	No
	Zinc	NP	0.7	0.7	0.9	0.9	1	No
	Zirconium	N,LN	1	1	1	1	1	No
DU-3	Aluminum	LN	1	0.9	0.9	1	1	No
	Antimony	NP	0.5	0.4	0.9	1	1	No
	Arsenic	LN	1	1	1	1	1	No
	Barium	LN	0.9	0.8	0.7	1	1	No
	Beryllium	N	1	1	1	1	1	No
	Boron	NP	*0.01*	*<0.001*	*0.04*	1	1	No
	Cadmium	NP	NA	NA	NA	NA	0.09	LDF
	Calcium	LN	0.9	0.7	0.6	1	1	No
	Chromium (total)	NP	0.2	0.1	0.2	0.9	0.09	No
	Chromium VI	NP	*NA*	NA	NA	NA	*0.007*	LDF
	Cobalt	N	1	1	1	1	1	No
	Copper	N,LN	1	1	1	0.9	1	No

Table E-2b. Background Comparisons for Metals in OU-1 Refined SLERA Study Area Soils
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Chemical Name	Distribution	*t*-test	*t*-test (logged data)	Gehan Test	Quantile Test (0.8)	Slippage Test	Fail Statistical Testing for Background Consistency?
			(*p*-value)	(*p*-value)	(*p*-value)	(*p*-value)	(*p*-value)	
DU-3	Iron	N	0.4	0.2	0.5	1	1	No
	Lead	NP	0.3	0.04	0.04	0.6	1	No
	Lithium	NP	NA	NA	NA	NA	1	No
	Magnesium	N	0.9	0.9	0.9	1	1	No
	Manganese	LN	0.5	0.8	1	0.9	0.1	No
	Mercury	NP	0.3	0.7	0.9	1	0.1	No
	Molybdenum	NP	0.8	0.8	0.8	0.9	1	No
	Nickel	N,LN	1	1	1	1	1	No
	Niobium	NP	NA	NA	NA	NA	1	LDF
	Palladium	NP	NA	NA	NA	NA	1	No
	Phosphorus (total)	N,LN	1	1	1	1	1	No
	Platinum	NP	0.3	0.8	0.2	0.9	0.09	LDF
	Potassium	LN	0.7	0.3	0.3	1	1	No
	Selenium	NP	0.1	0.1	0.6	0.9	0.06	LDF
	Silicon	NP	NA	NA	NA	NA	1	No
	Silver	NP	NA	NA	NA	NA	1	LDF
	Sodium	NP	0.06	*0.01*	0.05	0.2	1	No
	Strontium	LN	1	1	1	1	1	No
	Thallium	NP	1	1	0.9	1	1	LDF
	Tin	NP	*0.02*	*0.02*	*0.01*	*0.05*	*<0.001*	Yes
	Titanium	N,LN	0.2	0.1	0.2	0.2	1	No
	Tungsten	LN	1	1	NA	0.1	1	LDF
	Uranium (total)	NP	0.06	0.05	*0.02*	*0.04*	1	Yes
	Vanadium	N,LN	0.7	0.6	0.7	1	1	No
	Zinc	NP	1	1	1	1	1	No

Table E-2b. Background Comparisons for Metals in OU-1 Refined SLERA Study Area Soils

Nevada Environmental Response Trust Site

Henderson, Nevada

Location	Chemical Name	Distribution	*t*-test	*t*-test (logged data)	Gehan Test	Quantile Test (0.8)	Slippage Test	Fail Statistical Testing for Background Consistency?
			(*p*-value)	(*p*-value)	(*p*-value)	(*p*-value)	(*p*-value)	
DU-3	Zirconium	NP	NA	NA	NA	NA	1	No
Parcel E	Antimony	NP	0.9	1	0.8	1	1	LDF
	Arsenic	LN	1	1	1	1	1	No
	Barium	LN	1	0.9	0.9	1	1	No
	Boron	NP	*0.02*	*<0.001*	*<0.001*	0.1	*<0.001*	Yes
	Cadmium	NP	NA	NA	NA	NA	1	LDF
	Chromium VI	NP	NA	NA	NA	NA	0.08	LDF
	Cobalt	N	1	1	1	1	1	No
	Copper	N,LN	1	1	1	1	1	No
	Iron	N	0.05	*0.02*	0.2	1	1	No
	Lead	NP	0.6	0.3	0.2	0.8	1	No
	Magnesium	N	1	1	1	1	1	No
	Manganese	N,LN	1	1	0.9	1	1	No
	Mercury	NP	0.2	0.1	0.06	0.9	0.08	No
	Molybdenum	NP	NA	NA	NA	NA	1	LDF
	Nickel	N,LN	0.8	0.8	0.9	0.8	1	No
	Phosphorus (total)	N,LN	1	1	1	1	1	No
	Silver	NP	NA	NA	NA	NA	1	LDF
	Strontium	LN	1	1	0.9	1	1	No
	Thallium	NP	1	1	0.9	1	1	LDF
	Tungsten	NP	*<0.001*	*<0.001*	NA	1	1	LDF
	Vanadium	N,LN	0.08	0.04	0.1	0.8	1	No
	Zirconium	N	1	1	1	1	1	No

Table E-2b. Background Comparisons for Metals in OU-1 Refined SLERA Study Area Soils

Nevada Environmental Response Trust Site

Henderson, Nevada

LDF = Low detection frequency (<25%) in either site or background datasets. Background comparison results may not be applicable.

NA = value not available

p- values in italics indicate p < 0.025

Background comparison tests use 1/2 the detection limit (DL) for non-detects in the parametric test (t-test) and the DL for non-parametric tests (Gehan test, quantile test, and slippage test).

BRC/TIMET regional background dataset is used as background.

For small sample size (<=100), final background determination is based on both parametric and non-parametric testing results.

For large sample size (>100), final background determination is based on non-parametric testing results only.

Distibution:

N = Study area data and background data consistent with normal distribution

LN = Study area data and background data consistent with log-normal distribution

NP = Study area data or background data is not consistent with both normal distribution and log-normal distribution.

Table E-2c. Summary Statistics for Radionuclides in Background (BRC/TIMET Regional) Soils and OU-1 Refined SLERA Study Area Soils
Nevada Environmental Response Trust Site
Henderson, Nevada

Chain	Chemical Name	Location	No. of Samples	No. of Detects	% Detects	Detects (pCi/g)					Shapiro-Wilk Test	
						Minimum	Median	Mean	Maximum	Standard Deviation	Normal (*p* -value)	Lognormal (*p* -value)
Uranium-238	Uranium-238	Background	95	95	100%	0.65	1.1	1.2	2.4	0.36	*<0.001*	*0.002*
		Operations Area	128	128	100%	0.026	0.90	0.91	3.3	0.31	*<0.001*	*<0.001*
		DU-1	96	96	100%	0.026	0.90	0.87	1.3	0.21	*<0.001*	*<0.001*
		DU-2	24	24	100%	0.20	0.92	0.92	1.4	0.21	*<0.001*	*<0.001*
		DU-3	8	8	100%	0.38	1.0	1.2	3.3	0.94	0.03	0.6
		Parcel E	8	8	100%	0.81	0.89	0.91	1.0	0.085	0.6	0.6
	Uranium-234	Background	95	95	100%	0.63	1.1	1.2	2.8	0.47	*<0.001*	*<0.001*
		Operations Area	128	128	100%	0.074	0.90	0.93	3.4	0.34	*<0.001*	*<0.001*
		DU-1	96	96	100%	0.074	0.88	0.89	1.8	0.23	*<0.001*	*<0.001*
		DU-2	24	24	100%	0.26	0.93	0.95	1.8	0.27	*0.001*	*<0.001*
		DU-3	8	8	100%	0.40	1.1	1.4	3.4	0.98	0.2	1
		Parcel E	8	8	100%	0.85	0.88	0.93	1.1	0.098	0.02	0.04
	Thorium-230	Background	95	95	100%	0.73	1.2	1.3	3.0	0.40	*<0.001*	0.1
		Operations Area	136	136	100%	0.039	1.0	1.0	3.3	0.34	*<0.001*	*<0.001*
		DU-1	104	104	100%	0.039	1.0	1.0	1.6	0.27	*<0.001*	*<0.001*
		DU-2	24	24	100%	0.66	0.99	1.0	2.0	0.29	*0.007*	0.4
		DU-3	8	8	100%	0.53	1.2	1.4	3.3	0.86	0.09	1
		Parcel E	8	8	100%	1.1	1.3	1.3	1.4	0.12	0.7	0.6
	Radium-226	Background	95	95	100%	0.49	1.1	1.1	2.4	0.34	*<0.001*	0.2
		Operations Area	144	144	100%	0.074	0.90	0.87	2.5	0.33	*<0.001*	*<0.001*
		DU-1	110	110	100%	0.074	0.86	0.86	2.5	0.35	*<0.001*	*<0.001*
		DU-2	25	25	100%	0.46	0.89	0.81	1.1	0.21	0.05	0.01
		DU-3	9	9	100%	0.55	1.2	1.2	1.7	0.32	0.3	0.04
		Parcel E	8	8	100%	0.90	1.1	1.1	1.3	0.15	0.7	0.7

Table E-2c. Summary Statistics for Radionuclides in Background (BRC/TIMET Regional) Soils and OU-1 Refined SLERA Study Area Soils
Nevada Environmental Response Trust Site
Henderson, Nevada

Chain	Chemical Name	Location	No. of Samples	No. of Detects	% Detects	Detects (pCi/g)					Shapiro-Wilk Test	
						Minimum	Median	Mean	Maximum	Standard Deviation	Normal (*p* -value)	Lognormal (*p* -value)
Thorium-232	Thorium-232	Background	95	95	100%	1.2	1.7	1.7	2.2	0.26	*0.008*	*0.008*
		Operations Area	136	136	100%	0.0088	1.5	1.5	2.5	0.41	*<0.001*	*<0.001*
		DU-1	104	104	100%	0.0088	1.6	1.5	2.5	0.43	*<0.001*	*<0.001*
		DU-2	24	24	100%	0.99	1.4	1.4	1.9	0.25	0.5	0.8
		DU-3	8	8	100%	0.54	1.4	1.3	1.9	0.45	0.6	0.2
		Parcel E	8	8	100%	1.3	1.7	1.7	2.0	0.25	0.6	0.4
	Thorium-228	Background	95	95	100%	1.2	1.8	1.7	2.3	0.26	0.05	*0.003*
		Operations Area	136	136	100%	0.022	1.7	1.7	2.7	0.46	*<0.001*	*<0.001*
		DU-1	104	104	100%	0.022	1.8	1.7	2.7	0.49	*<0.001*	*<0.001*
		DU-2	24	24	100%	1.1	1.7	1.6	2.3	0.30	0.4	0.2
		DU-3	8	8	100%	0.78	1.6	1.5	1.9	0.44	0.09	0.03
		Parcel E	8	8	100%	1.6	1.7	1.8	2.0	0.15	0.7	0.8
	Radium-228	Background	81	81	100%	0.95	1.9	1.9	2.9	0.39	0.8	0.04
		Operations Area	144	144	100%	-0.052	1.2	1.2	2.4	0.45	0.5	*<0.001*
		DU-1	110	110	100%	-0.052	1.2	1.2	2.3	0.42	0.4	*<0.001*
		DU-2	25	25	100%	0.29	1.4	1.4	2.4	0.50	0.5	*<0.001*
		DU-3	9	9	100%	0.45	1.7	1.5	2.0	0.57	0.05	*0.006*
		Parcel E	8	8	100%	0.75	1.1	1.1	1.8	0.31	0.1	0.6
Uranium-235	Uranium-235	Background	95	95	100%	0	0.06	0.067	0.21	0.04	*0.003*	*<0.001*
		Operations Area	128	128	100%	-0.077	0.044	0.049	0.23	0.034	*<0.001*	*<0.001*
		DU-1	96	96	100%	-0.026	0.044	0.049	0.23	0.031	*<0.001*	*<0.001*
		DU-2	24	24	100%	-0.077	0.044	0.05	0.15	0.041	0.02	*<0.001*
		DU-3	8	8	100%	0.0047	0.042	0.05	0.17	0.051	*0.007*	0.5
		Parcel E	8	8	100%	0.0069	0.034	0.034	0.066	0.022	0.3	0.2

Notes:

pCi/g = picocurie per gram

NA = value not available

p- values < 0.01 are shown in italic.

BRC/TIMET regional background dataset is used as background.

Shapiro Wilk tests use 1/2 the detection limit (DL) for non-detects.

Table E-2d. Background Comparisons for Radionuclides in OU-1 Refined SLERA Study Area Soils

Nevada Environmental Response Trust Site

Henderson, Nevada

Location	Chain	Chemical Name	Distribution	*t*-test	*t*-test (logged data)	Gehan Test	Quantile Test (0.8)	Slippage Test	Fail Statistical Testing for Background Consistency?
				(*p*-value)	(*p*-value)	(*p*-value)	(*p*-value)	(*p*-value)	
Operations Area	Uranium-238	Uranium-238	NP	1	1	1	1	0.6	No
		Uranium-234	NP	1	1	1	1	0.6	No
		Thorium-230	NP	1	1	1	1	0.6	No
		Radium-226	NP	1	1	1	1	0.6	No
	Thorium-232	Thorium-232	NP	1	1	1	1	0.2	No
		Thorium-228	NP	0.9	1	0.7	0.2	*0.01*	Yes
		Radium-228	N	1	1	1	1	1	No
	Uranium-235	Uranium-235	NP	1	0.9	1	1	0.6	No
DU-1	Uranium-238	Uranium-238	NP	1	1	1	1	1	No
		Uranium-234	NP	1	1	1	1	1	No
		Thorium-230	NP	1	1	1	1	1	No
		Radium-226	NP	1	1	1	1	0.5	No
	Thorium-232	Thorium-232	NP	1	1	0.9	0.8	0.1	No
		Thorium-228	NP	*0.7*	1	0.4	0.05	*0.005*	Yes
		Radium-228	N	1	1	1	1	1	No
	Uranium-235	Uranium-235	NP	1	0.9	1	1	0.5	No
DU-2	Uranium-238	Uranium-238	NP	1	1	1	1	1	No
		Uranium-234	NP	1	1	1	1	1	No
		Thorium-230	LN	1	1	1	1	1	No
		Radium-226	LN	1	1	1	1	1	No
	Thorium-232	Thorium-232	NP	1	1	1	1	1	No
		Thorium-228	N	0.9	0.9	0.9	0.9	1	No
		Radium-228	N	1	1	1	1	1	No
	Uranium-235	Uranium-235	NP	1	0.8	1	0.9	1	No

Table E-2d. Background Comparisons for Radionuclides in OU-1 Refined SLERA Study Area Soils

Nevada Environmental Response Trust Site

Henderson, Nevada

Location	Chain	Chemical Name	Distribution	*t*-test	*t*-test (logged data)	Gehan Test	Quantile Test (0.8)	Slippage Test	Fail Statistical Testing for Background Consistency?
				(*p*-value)	(*p*-value)	(*p*-value)	(*p*-value)	(*p*-value)	
DU-3	Uranium-238	Uranium-238	NP	0.4	0.7	0.7	0.5	0.08	No
		Uranium-234	NP	0.3	0.5	0.5	0.5	0.08	No
		Thorium-230	LN	0.4	0.5	0.6	0.5	0.08	No
		Radium-226	LN	0.4	0.4	0.2	0.9	1	No
	Thorium-232	Thorium-232	NP	1	1	1	1	1	No
		Thorium-228	N	0.9	0.9	0.9	1	1	No
		Radium-228	N	1	0.9	1	1	1	No
	Uranium-235	Uranium-235	NP	0.8	0.8	1	0.8	1	No
Parcel E	Uranium-238	Uranium-238	NP	1	1	1	1	1	No
		Uranium-234	NP	1	1	1	1	1	No
		Thorium-230	LN	0.7	0.4	0.4	1	1	No
		Radium-226	LN	0.7	0.4	0.4	1	1	No
	Thorium-232	Thorium-232	NP	0.4	0.3	0.4	0.8	1	No
		Thorium-228	N	0.4	0.3	0.5	0.9	1	No
		Radium-228	N,LN	1	1	1	1	1	No
	Uranium-235	Uranium-235	NP	1	1	1	1	1	No

Notes:

NA = value not available

p- values in italics indicate p < 0.025

Background comparison tests use 1/2 the detection limit (DL) for non-detects in the parametric test (t-test) and the DL for non-parametric tests (Gehan test, quantile test, and slippage test).

BRC/TIMET regional background dataset is used as background.

For small sample size (<=100), final background determination is based on both parametric and non-parametric testing results.

For large sample size (>100), final background determination is based on non-parametric testing results only.

Table E-2d. Background Comparisons for Radionuclides in OU-1 Refined SLERA Study Area Soils

Nevada Environmental Response Trust Site

Henderson, Nevada

Distibution:

N = Study area data and background data consistent with normal distribution

LN = Study area data and background data consistent with log-normal distribution

NP = Study area data or background data is not consistent with both normal distribution and log-normal distribution.

Table E-2e. Equivalence Test for Secular Equilibrium of Uranium Decay Series (U-238 Chain)[1]

Nevada Environmental Response Trust Remediation Project Site, Henderson, Nevada

Location	p-value	Conclusion[2]	Delta	Sample Size[3]	Number Missing[4]	Analyte	Mean Proportions of Radioactivity	95% Confid. Intervals		Shifts[5]
								Lower	Upper	
BRC/TIMET regional background	<0.0001	in Secular Equilibrium	0.1	95	0	Ra-226	0.2396	0.2260	0.2531	0
						Th-230	0.2714	0.2595	0.2834	0
						U-234	0.2451	0.2339	0.2563	0
						U-238	0.2439	0.2341	0.2537	0
Operations Area	<0.0001	In Secular Equilibrium	0.1	128	16	Ra-226	0.2343	0.2115	0.2571	0
						Th-230	0.2780	0.2637	0.2922	0
						U-234	0.2481	0.2366	0.2597	0
						U-238	0.2396	0.2282	0.2509	0
DU-1	<0.0001	in Secular Equilibrium	0.1	96	14	Ra-226	0.2351	0.2085	0.2617	0
						Th-230	0.2783	0.2611	0.2956	0
						U-234	0.2471	0.2336	0.2605	0
						U-238	0.2395	0.2269	0.2520	0
DU-2	0.0036	in Secular Equilibrium	0.1	24	1	Ra-226	0.2203	0.1724	0.2682	0
						Th-230	0.2793	0.2434	0.3152	0
						U-234	0.2535	0.2237	0.2833	0
						U-238	0.2469	0.2147	0.2791	0
DU-3	0.3505	Not in Secular Equilibrium	0.1	8	1	Ra-226	0.2663	0.0265	0.5062	0
						Th-230	0.2695	0.2049	0.3340	0
						U-234	0.2451	0.1438	0.3464	0
						U-238	0.2191	0.1144	0.3239	0
Parcel E	0.0710	Not in Secular Equilibrium	0.1	8	0	Ra-226	0.2644	0.2219	0.3069	0
						Th-230	0.3001	0.2512	0.3489	0
						U-234	0.2191	0.1848	0.2534	0
						U-238	0.2165	0.1777	0.2552	0

Note:

1. Analyzed using the R code used in EnviroGISdT software tool from Neptune & Company, Inc.

2. Tool states "in Secular Equilibrium" if the computed *p*-value is less than a standard significance level of 0.05.

3. Sample dataset includes field duplicates.

4. Count of sampling locations for which one or more results are unavailable. These sampling locations are not counted in the sample size and are not included in the secular equilibrium calculation.

5. Data Shift - Lists the values of the data shift utililzed by the tool in case of negative radioactivity measurements. All measurements values for that radioisotope are shifted upwards by the shift value so that all values are non-negative. A zero shift value indicates lack of negative measurements.

Table E-2f. Equivalence Test for Secular Equilibrium of Thorium Decay Series (Th-232 Chain)[1]

Nevada Environmental Response Trust Remediation Project Site, Henderson, Nevada

Location	p-value	Conclusion[2]	Delta	Sample Size[3]	Number Missing[4]	Analyte	Mean Proportions of Radioactivity	95% Confid. Intervals		Shifts[5]
								Lower	Upper	
BRC/TIMET regional background	<0.0001	in Secular Equilibrium	0.1	81	14	Ra-228	0.3564	0.3417	0.3710	0
						Th-228	0.3294	0.3203	0.3385	0
						Th-232	0.3143	0.3052	0.3234	0
Operations Area	0.0016	in Secular Equilibrium	0.1	136	8	Ra-228	0.2894	0.2628	0.3161	0.052
						Th-228	0.3746	0.3577	0.3915	0
						Th-232	0.3360	0.3226	0.3494	0
DU-1	0.0483	in Secular Equilibrium	0.1	104	6	Ra-228	0.2793	0.2490	0.3096	0.052
						Th-228	0.3784	0.3581	0.3987	0
						Th-232	0.3423	0.3279	0.3567	0
DU-2	0.0528	Not in Secular Equilibrium	0.1	24	1	Ra-228	0.3006	0.2434	0.3579	0
						Th-228	0.3740	0.3400	0.4080	0
						Th-232	0.3254	0.2939	0.3568	0
DU-3	0.1689	Not in Secular Equilibrium	0.1	8	1	Ra-228	0.3540	0.1164	0.5916	0
						Th-228	0.3444	0.2405	0.4482	0
						Th-232	0.3017	0.1602	0.4431	0
Parcel E	0.5	Not in Secular Equilibrium	0.1	8	0	Ra-228	0.2391	0.1780	0.3001	0
						Th-228	0.3887	0.3505	0.4269	0
						Th-232	0.3723	0.3330	0.4115	0

Note:

1. Analyzed using the R code used in EnviroGISdT software tool from Neptune & Company, Inc.

2. Tool states "in Secular Equilibrium" if the computed *p*-value is less than a standard significance level of 0.05.

3. Sample dataset includes field duplicates.

4. Count of sampling locations for which one or more results are unavailable. These sampling locations are not counted in the sample size and are not included in the secular equilibrium calculation.

5. Data Shift - Lists the values of the data shift utililzed by the tool in case of negative radioactivity measurements. All measurements values for that radioisotope are shifted upwards by the shift value so that all values are non-negative. A zero shift value indicates lack of negative measurements.

Table E-2g. Correlation Matrices for the Uranium Decay Series and the Thorium Decay Series
Nevada Environmental Response Trust Site, Henderson, Nevada

i) BRC/TIMET Regional Background Soils

Uranium Decay Chain				
Correl.	Ra-226	Th-230	U-234	U-238
Ra-226	1	0.626	0.668	0.671
Th-230	0.626	1	0.765	0.754
U-234	0.668	0.765	1	0.870
U-238	0.671	0.754	0.870	1

Thorium Decay Chain			
Correl.	Ra-228	Th-228	Th-232
Ra-228	1	0.383	0.363
Th-228	0.383	1	0.751
Th-232	0.363	0.751	1

ii) Operations Area Soils

Uranium Decay Chain				
Correl.	Ra-226	Th-230	U-234	U-238
Ra-226	1	0.229	0.237	0.222
Th-230	0.229	1	0.715	0.751
U-234	0.237	0.715	1	0.911
U-238	0.222	0.751	0.911	1

Thorium Decay Chain			
Correl.	Ra-228	Th-228	Th-232
Ra-228	1	0.151	0.117
Th-228	0.151	1	0.862
Th-232	0.117	0.862	1

iii) DU-1 Soils

Uranium Decay Chain				
Correl.	Ra-226	Th-230	U-234	U-238
Ra-226	1	0.117	0.084	0.114
Th-230	0.117	1	0.419	0.536
U-234	0.084	0.419	1	0.809
U-238	0.114	0.536	0.809	1

Thorium Decay Chain			
Correl.	Ra-228	Th-228	Th-232
Ra-228	1	0.263	0.295
Th-228	0.263	1	0.874
Th-232	0.295	0.874	1

iv) DU-2 Soils

Uranium Decay Chain				
Correl.	Ra-226	Th-230	U-234	U-238
Ra-226	1	0.064	0.129	-0.094
Th-230	0.064	1	0.562	0.451
U-234	0.129	0.562	1	0.827
U-238	-0.094	0.451	0.827	1

Thorium Decay Chain			
Correl.	Ra-228	Th-228	Th-232
Ra-228	1	0.074	-0.014
Th-228	0.074	1	0.695
Th-232	-0.014	0.695	1

v) DU-3 Soils

Uranium Decay Chain				
Correl.	Ra-226	Th-230	U-234	U-238
Ra-226	1	0.654	0.681	0.637
Th-230	0.654	1	0.990	0.992
U-234	0.681	0.990	1	0.989
U-238	0.637	0.992	0.989	1

Thorium Decay Chain			
Correl.	Ra-228	Th-228	Th-232
Ra-228	1	-0.447	-0.763
Th-228	-0.447	1	0.880
Th-232	-0.763	0.880	1

vi) Parcel E Soils

Uranium Decay Chain				
Correl.	Ra-226	Th-230	U-234	U-238
Ra-226	1	0.322	0.423	0.446
Th-230	0.322	1	0.202	-0.283
U-234	0.423	0.202	1	0.060
U-238	0.446	-0.283	0.060	1

Thorium Decay Chain			
Correl.	Ra-228	Th-228	Th-232
Ra-228	1	0.531	0.425
Th-228	0.531	1	0.868
Th-232	0.425	0.868	1

Table E-2h. Summary Statistics for Inorganics in Background (BRC/TIMET Regional) Soils and OU-1 Refined SLERA Study Area Soils
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Name	Location	No. of Samples	No. of Detects	% Detects	Non-Detects (mg/kg)		Detects (mg/kg)					Shapiro-Wilk Test	
					Minimun	Maximum	Minimum	Median	Mean	Maximum	Standard Deviation	Normal (*p* -value)	Lognormal (*p* -value)
Nitrate	Background	95	83	87%	0.10	0.10	0.13	1.3	9.5	102	20	*<0.001*	*0.006*
	Operations Area	150	143	95%	0.22	1.6	0.80	21.1	68	2,280	203	*<0.001*	0.08
	DU-1	116	109	94%	0.22	1.6	2.3	21	48.5	360	71	*<0.001*	*0.009*
	DU-2	25	25	100%	NA	NA	0.80	27	48.6	191	58.6	*<0.001*	0.3
	DU-3	9	9	100%	NA	NA	1.3	7.5	357	2,280	742	*<0.001*	0.2
	Parcel E	8	8	100%	NA	NA	18.2	95.2	94.8	226	69.8	0.4	0.6
Nitrite	Background	95	5	5%	0.20	0.20	0.25	0.49	0.49	0.69	0.16	*<0.001*	*<0.001*
	Operations Area	142	17	12%	0.001	10.9	0.08	0.95	2.0	7.1	2.2	*<0.001*	*<0.001*
	DU-1	116	11	9%	0.001	10.9	0.09	0.95	1.7	4.6	1.7	*<0.001*	*<0.001*
	DU-2	19	3	16%	0.043	0.10	0.08	0.12	0.14	0.21	0.067	*<0.001*	*<0.001*
	DU-3	7	3	43%	0.08	0.21	2.3	5.3	4.9	7.1	2.4	0.02	0.03
	Parcel E	8	0	0%	3.6	3.9	NA	NA	NA	NA	NA	*<0.001*	*<0.001*
Sulfate	Background	95	75	79%	0.61	4.4	2.1	62.3	247	4,130	638	*<0.001*	0.09
	Operations Area	142	140	99%	0.52	1.5	5.4	207	1,280	19,500	3,330	*<0.001*	0.02
	DU-1	108	106	98%	0.52	1.5	8.2	205	987	12,100	2,350	*<0.001*	0.04
	DU-2	25	25	100%	NA	NA	5.4	349	2,930	19,500	6,030	*<0.001*	0.2
	DU-3	9	9	100%	NA	NA	16.2	47	80.9	320	93.6	*<0.001*	0.8
	Parcel E	8	8	100%	NA	NA	65	510	1,600	6,900	2,370	*0.004*	0.6

Notes:
mg/kg = milligram per kilogram
NA = value not available
p- values < 0.01 are shown in italic.
BRC/TIMET regional background dataset is used as background.
Shapiro Wilk tests use 1/2 the detection limit (DL) for non-detects.

Table E-2i. Background Comparisons for Inorganics in OU-1 Refined SLERA Study Area Soils
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Chemical Name	Distribution	*t*-test	*t*-test (logged data)	Gehan Test	Quantile Test (0.8)	Slippage Test	Fail Statistical Testing for Background Consistency?
			(*p*-value)	(*p*-value)	(*p*-value)	(*p*-value)	(*p*-value)	
Operations Area	Nitrate	NP	*<0.001*	*<0.001*	*<0.001*	0.7	*<0.001*	Yes
	Nitrite	NP	*<0.001*	*0.005*	*0.02*	0.08	*0.001*	LDF
	Sulfate	LN	*<0.001*	*<0.001*	*<0.001*	0.8	*0.005*	Yes
DU-1	Nitrate	NP	*<0.001*	*<0.001*	*<0.001*	0.7	*<0.001*	Yes
	Nitrite	NP	*<0.001*	*0.001*	0.04	0.2	*0.004*	LDF
	Sulfate	LN	*<0.001*	*<0.001*	*<0.001*	0.2	*0.02*	Yes
DU-2	Nitrate	NP	*0.001*	*<0.001*	*<0.001*	*0.1*	*<0.001*	Yes
	Nitrite	NP	1	1	0.5	1	1	LDF
	Sulfate	LN	*0.02*	*<0.001*	*<0.001*	*0.4*	*0.002*	Yes
DU-3	Nitrate	NP	*0.1*	*0.004*	*<0.001*	*0.1*	*<0.001*	Yes
	Nitrite	NP	*0.06*	0.1	*<0.001*	*0.2*	*<0.001*	LDF
	Sulfate	LN	1	*0.02*	0.2	1	1	Yes
Parcel E	Nitrate	NP	*0.005*	*<0.001*	*<0.001*	0.1	*<0.001*	Yes
	Nitrite	NP	*<0.001*	*<0.001*	NA	1	1	LDF
	Sulfate	LN	0.07	*<0.001*	*<0.001*	0.9	0.08	Yes

Notes:

LDF = Low detection frequency (<25%) in either site or background datasets. Background comparison results may not be applicable.

NA = value not available

p- values in italics indicate p < 0.025

Background comparison tests use 1/2 the detection limit (DL) for non-detects in the parametric test (t-test) and the DL for non-parametric tests (Gehan test, quantile test, and slippage test).

BRC/TIMET regional background dataset is used as background.

For small sample size (<=100), final background determination is based on both parametric and non-parametric testing results.

For large sample size (>100), final background determination is based on non-parametric testing results only.

Distibution:

N = Study area data and background data consistent with normal distribution

LN = Study area data and background data consistent with log-normal distribution

NP = Study area data or background data is not consistent with both normal distribution and log-normal distribution.

APPENDIX F
SUMMARY OF 95% UCLS FOR CONSTITUENTS RETAINED FOR REFINED SCREENING BY AREA

Table F-1 Summary of 95% UCLs for Constituents Retained for Refined Screening by Spatial Unit

TABLE F-1. Summary of 95% UCLs for Constituents Retained for Refined Screening by Spatial Unit
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Chemical Group	Chemical Name	Unit	# Detects	# Samples	Average (ND = 0.5DL)	Maximum Detection	Students-t 95% UCL	BCa Bootstrap 95% UCL
Operations Area	Chlorine Oxyanions	Chlorate	mg/kg	132	172	5.19E+01	2.58E+03	8.58E+01	1.00E+02
Operations Area	Chlorine Oxyanions	Perchlorate	mg/kg	201	210	1.00E+02	4.47E+03	1.44E+02	1.60E+02
Operations Area	Dioxins/Furans	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	mg/kg	238	242	9.20E-04	4.49E-02	1.27E-03	1.44E-03
Operations Area	Dioxins/Furans	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	mg/kg	238	242	4.78E-04	3.14E-02	7.05E-04	8.70E-04
Operations Area	General Chemistry	Ammonia	mg/kg	34	132	4.13E+00	1.62E+02	6.55E+00	7.70E+00
Operations Area	General Chemistry	Bromide	mg/kg	13	141	9.08E-01	4.70E+00	1.16E+00	1.25E+00
Operations Area	General Chemistry	Nitrate	mg/kg	143	150	6.48E+01	2.28E+03	9.16E+01	1.11E+02
Operations Area	General Chemistry	Nitrate/Nitrite	mg/kg	45	45	3.72E+01	2.39E+02	4.76E+01	5.32E+01
Operations Area	General Chemistry	Nitrite	mg/kg	17	142	9.09E-01	7.10E+00	1.08E+00	1.10E+00
Operations Area	General Chemistry	ortho-Phosphate	mg/kg	6	47	3.34E+01	9.97E+02	7.14E+01	9.60E+01
Operations Area	General Chemistry	Sulfate	mg/kg	140	142	1.26E+03	1.95E+04	1.72E+03	1.80E+03
Operations Area	Metals	Antimony	mg/kg	52	175	4.06E-01	2.40E+00	4.65E-01	4.70E-01
Operations Area	Metals	Boron	mg/kg	171	178	2.62E+01	1.51E+03	4.35E+01	5.34E+01
Operations Area	Metals	Iron	mg/kg	178	178	1.67E+04	1.40E+05	1.83E+04	1.91E+04
Operations Area	Metals	Lead	mg/kg	186	190	1.47E+01	2.67E+02	1.73E+01	1.92E+01
Operations Area	Metals	Magnesium	mg/kg	196	197	1.45E+04	1.89E+05	1.77E+04	1.88E+04
Operations Area	Metals	Manganese	mg/kg	214	214	3.11E+03	2.50E+05	5.68E+03	8.55E+03
Operations Area	Metals	Mercury	mg/kg	153	179	5.21E-02	1.80E+00	7.14E-02	7.87E-02
Operations Area	Metals	Sulfur	mg/kg	25	32	1.20E+03	1.40E+04	1.93E+03	2.48E+03
Operations Area	Metals	Vanadium	mg/kg	124	124	4.12E+01	6.76E+01	4.27E+01	4.27E+01
Operations Area	OCPs	4,4'-DDE	mg/kg	53	126	6.73E-02	3.50E+00	1.19E-01	1.61E-01
Operations Area	OCPs	4,4'-DDT	mg/kg	42	126	2.17E-02	7.70E-01	3.51E-02	4.30E-02
Operations Area	OCPs	beta-BHC	mg/kg	69	126	3.84E-02	8.70E-01	5.45E-02	5.96E-02
Operations Area	OCPs	Calculated DDx (ND=0.5DL)	mg/kg	60	126	9.35E-02	4.30E+00	1.58E-01	1.89E-01
Operations Area	OCPs	Hexachlorobenzene	mg/kg	141	259	1.30E-01	4.60E+00	1.69E-01	1.79E-01
Operations Area	PCBs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	mg/kg	37	37	1.64E-05	1.07E-04	2.34E-05	2.47E-05
Operations Area	PCBs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	mg/kg	37	37	9.05E-06	5.98E-05	1.31E-05	1.37E-05
Operations Area	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	mg/kg	37	37	1.18E-01	8.59E-01	1.74E-01	1.90E-01
Operations Area	SVOCs	bis(2-Ethylhexyl)phthalate	mg/kg	23	224	9.12E-02	8.20E-01	1.09E-01	1.14E-01
Operations Area	SVOCs	Di-n-butylphthalate	mg/kg	48	224	7.41E-02	1.70E+00	9.39E-02	1.04E-01
Operations Area	SVOCs	Octachlorostyrene	mg/kg	36	223	5.09E-01	1.30E+00	7.96E-01	1.04E+00
Operations Area	TPH	EFH (C10-C40)	mg/kg	30	31	8.95E+01	9.50E+02	1.50E+02	1.78E+02
Operations Area	VOCs	Formaldehyde	mg/kg	2	2	7.50E-02	8.90E-02	1.63E-01	7.50E-02
DU-1	Chlorine Oxyanions	Chlorate	mg/kg	109	138	6.27E+01	2.58E+03	1.05E+02	1.24E+02
DU-1	Chlorine Oxyanions	Perchlorate	mg/kg	156	163	7.79E+01	4.47E+03	1.27E+02	1.57E+02
DU-1	Dioxins/Furans	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	mg/kg	192	192	1.11E-03	4.49E-02	1.54E-03	1.87E-03
DU-1	Dioxins/Furans	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	mg/kg	192	192	5.76E-04	3.14E-02	8.61E-04	1.11E-03
DU-1	General Chemistry	Ammonia	mg/kg	29	106	3.83E+00	1.62E+02	6.52E+00	1.01E+01
DU-1	General Chemistry	Bromide	mg/kg	11	107	1.13E+00	4.70E+00	1.45E+00	1.57E+00
DU-1	General Chemistry	Nitrate	mg/kg	109	116	4.56E+01	3.60E+02	5.64E+01	5.83E+01
DU-1	General Chemistry	Nitrate/Nitrite	mg/kg	45	45	3.72E+01	2.39E+02	4.76E+01	5.24E+01
DU-1	General Chemistry	Nitrite	mg/kg	11	116	9.76E-01	4.60E+00	1.15E+00	1.18E+00
DU-1	General Chemistry	ortho-Phosphate	mg/kg	4	35	4.34E+01	9.97E+02	9.48E+01	1.40E+02
DU-1	General Chemistry	Sulfate	mg/kg	106	108	9.69E+02	1.21E+04	1.34E+03	1.44E+03
DU-1	Metals	Antimony	mg/kg	30	141	3.64E-01	2.40E+00	4.23E-01	4.41E-01
DU-1	Metals	Boron	mg/kg	137	144	2.88E+01	1.51E+03	5.01E+01	6.35E+01
DU-1	Metals	Iron	mg/kg	144	144	1.70E+04	1.40E+05	1.88E+04	1.99E+04
DU-1	Metals	Lead	mg/kg	151	155	1.47E+01	2.67E+02	1.76E+01	1.98E+01
DU-1	Metals	Magnesium	mg/kg	162	163	1.56E+04	1.89E+05	1.94E+04	2.08E+04

TABLE F-1. Summary of 95% UCLs for Constituents Retained for Refined Screening by Spatial Unit
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Chemical Group	Chemical Name	Unit	# Detects	# Samples	Average (ND = 0.5DL)	Maximum Detection	Students-t 95% UCL	BCa Bootstrap 95% UCL
DU-1	Metals	Manganese	mg/kg	180	180	3.62E+03	2.50E+05	6.67E+03	8.69E+03
DU-1	Metals	Mercury	mg/kg	123	144	5.87E-02	1.80E+00	8.25E-02	1.02E-01
DU-1	Metals	Sulfur	mg/kg	19	25	1.35E+03	1.40E+04	2.28E+03	2.97E+03
DU-1	Metals	Vanadium	mg/kg	90	90	4.20E+01	6.76E+01	4.39E+01	4.38E+01
DU-1	OCPs	4,4'-DDE	mg/kg	43	101	7.23E-02	3.50E+00	1.35E-01	1.88E-01
DU-1	OCPs	4,4'-DDT	mg/kg	33	101	1.81E-02	7.70E-01	3.17E-02	4.34E-02
DU-1	OCPs	beta-BHC	mg/kg	54	101	4.42E-02	8.70E-01	6.40E-02	7.18E-02
DU-1	OCPs	Calculated DDx (ND=0.5DL)	mg/kg	50	101	9.52E-02	4.30E+00	1.72E-01	2.33E-01
DU-1	OCPs	Hexachlorobenzene	mg/kg	118	203	1.49E-01	4.60E+00	1.98E-01	2.18E-01
DU-1	PCBs	Ramboll Calculated PCB Avian TEQ (ND=0.5DL)	mg/kg	35	35	1.73E-05	1.07E-04	2.46E-05	2.56E-05
DU-1	PCBs	Ramboll Calculated PCB Mammal TEQ (ND=0.5DL)	mg/kg	35	35	9.55E-06	5.98E-05	1.38E-05	1.51E-05
DU-1	PCBs	Ramboll Calculated Total PCBs (ND=0.5DL)	mg/kg	35	35	1.25E-01	8.59E-01	1.83E-01	1.95E-01
DU-1	SVOCs	bis(2-Ethylhexyl)phthalate	mg/kg	18	169	9.56E-02	8.20E-01	1.18E-01	1.26E-01
DU-1	SVOCs	Di-n-butylphthalate	mg/kg	32	169	8.03E-02	1.70E+00	1.06E-01	1.18E-01
DU-1	SVOCs	Octachlorostyrene	mg/kg	30	168	6.60E-01	1.30E+00	1.04E+00	1.31E+00
DU-1	TPH	EFH (C10-C40)	mg/kg	30	31	8.95E+01	9.50E+02	1.50E+02	1.71E+02
DU-1	VOCs	Formaldehyde	mg/kg	2	2	7.50E-02	8.90E-02	1.63E-01	7.50E-02
DU-2	Chlorine Oxyanions	Chlorate	mg/kg	19	25	9.77E+00	1.08E+02	1.73E+01	2.40E+01
DU-2	Chlorine Oxyanions	Perchlorate	mg/kg	24	26	4.47E+00	3.43E+01	6.87E+00	8.32E+00
DU-2	Dioxins/Furans	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	mg/kg	26	28	2.36E-05	3.67E-04	4.69E-05	6.31E-05
DU-2	Dioxins/Furans	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	mg/kg	26	28	1.03E-05	1.69E-04	2.07E-05	2.79E-05
DU-2	General Chemistry	Ammonia	mg/kg	3	20	2.13E-01	1.35E+00	3.63E-01	4.04E-01
DU-2	General Chemistry	Bromide	mg/kg	2	25	1.79E-01	1.10E+00	2.72E-01	3.17E-01
DU-2	General Chemistry	Nitrate	mg/kg	25	25	4.86E+01	1.91E+02	6.87E+01	7.24E+01
DU-2	General Chemistry	ortho-Phosphate	mg/kg	1	7	1.71E+00	7.20E+00	3.49E+00	3.57E+00
DU-2	General Chemistry	Sulfate	mg/kg	25	25	2.93E+03	1.95E+04	5.00E+03	5.69E+03
DU-2	Metals	Antimony	mg/kg	17	25	7.16E-01	2.20E+00	9.44E-01	9.50E-01
DU-2	Metals	Boron	mg/kg	25	25	1.88E+01	1.12E+02	2.81E+01	3.16E+01
DU-2	Metals	Cadmium	mg/kg	24	25	4.97E-01	8.88E+00	1.10E+00	1.56E+00
DU-2	Metals	Iron	mg/kg	25	25	1.64E+04	3.95E+04	1.87E+04	1.96E+04
DU-2	Metals	Lead	mg/kg	25	25	1.70E+01	1.12E+02	2.45E+01	2.89E+01
DU-2	Metals	Sulfur	mg/kg	5	5	8.30E+02	1.29E+03	1.14E+03	1.05E+03
DU-2	OCPs	4,4'-DDE	mg/kg	8	19	5.66E-02	9.10E-01	1.39E-01	2.46E-01
DU-2	OCPs	4,4'-DDT	mg/kg	7	19	4.16E-02	6.10E-01	9.69E-02	1.43E-01
DU-2	OCPs	beta-BHC	mg/kg	11	19	1.55E-02	1.50E-01	3.01E-02	4.04E-02
DU-2	OCPs	Calculated DDx (ND=0.5DL)	mg/kg	8	19	1.02E-01	1.56E+00	2.44E-01	3.60E-01
DU-2	OPPs	Dimethoate	mg/kg	1	7	6.74E-03	9.10E-03	9.52E-03	9.04E-03
DU-2	SVOCs	Di-n-butylphthalate	mg/kg	12	27	5.11E-02	1.10E-01	6.59E-02	6.84E-02
DU-3	Chlorine Oxyanions	Chlorate	mg/kg	4	9	2.73E+00	1.57E+01	5.80E+00	7.58E+00
DU-3	Chlorine Oxyanions	Perchlorate	mg/kg	21	21	3.91E+02	1.69E+03	5.83E+02	6.22E+02
DU-3	Dioxins/Furans	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	mg/kg	20	22	4.31E-04	4.26E-03	7.73E-04	1.03E-03
DU-3	Dioxins/Furans	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	mg/kg	20	22	2.12E-04	2.08E-03	3.81E-04	5.28E-04
DU-3	General Chemistry	Ammonia	mg/kg	2	6	2.23E+01	7.11E+01	4.99E+01	4.60E+01
DU-3	General Chemistry	Nitrate	mg/kg	9	9	3.57E+02	2.28E+03	8.17E+02	1.04E+03
DU-3	General Chemistry	Nitrite	mg/kg	3	7	2.13E+00	7.10E+00	4.29E+00	4.15E+00
DU-3	General Chemistry	ortho-Phosphate	mg/kg	1	5	7.23E+00	3.12E+01	2.00E+01	1.94E+01
DU-3	General Chemistry	Sulfate	mg/kg	9	9	8.09E+01	3.20E+02	1.39E+02	1.69E+02
DU-3	Metals	Sulfur	mg/kg	1	2	3.31E+02	4.51E+02	1.09E+03	3.31E+02
DU-3	OCPs	4,4'-DDE	mg/kg	2	6	1.74E-02	6.50E-02	4.00E-02	3.88E-02

TABLE F-1. Summary of 95% UCLs for Constituents Retained for Refined Screening by Spatial Unit
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Chemical Group	Chemical Name	Unit	# Detects	# Samples	Average (ND = 0.5DL)	Maximum Detection	Students-t 95% UCL	BCa Bootstrap 95% UCL
DU-3	OCPs	4,4'-DDT	mg/kg	2	6	1.85E-02	5.70E-02	4.15E-02	3.66E-02
DU-3	OCPs	beta-BHC	mg/kg	4	6	1.34E-02	5.20E-02	2.96E-02	3.07E-02
DU-3	OCPs	Calculated DDx (ND=0.5DL)	mg/kg	2	6	3.82E-02	1.27E-01	8.55E-02	8.00E-02
DU-3	OCPs	Hexachlorobenzene	mg/kg	17	29	1.17E-01	7.60E-01	1.70E-01	1.85E-01
DU-3	SVOCs	bis(2-Ethylhexyl)phthalate	mg/kg	4	28	7.44E-02	1.90E-01	1.03E-01	1.11E-01
DU-3	SVOCs	Di-n-butylphthalate	mg/kg	4	28	5.88E-02	6.50E-01	9.91E-02	1.27E-01
DU-3	SVOCs	Octachlorostyrene	mg/kg	6	28	7.32E-02	6.80E-01	1.15E-01	1.38E-01
Parcel E	Chlorine Oxyanions	Chlorate	mg/kg	8	8	1.25E+00	4.20E+00	2.10E+00	2.27E+00
Parcel E	Chlorine Oxyanions	Perchlorate	mg/kg	8	8	3.57E+00	6.10E+00	4.80E+00	4.58E+00
Parcel E	Dioxins/Furans	Ramboll Calculated D/F Avian TEQ (ND=0.5DL)	mg/kg	8	8	5.22E-05	2.65E-04	1.11E-04	1.20E-04
Parcel E	Dioxins/Furans	Ramboll Calculated Mammal D/F TEQ (ND=0.5DL)	mg/kg	8	8	2.73E-05	1.39E-04	5.79E-05	7.57E-05
Parcel E	General Chemistry	Ammonia	mg/kg	8	8	3.90E+00	4.90E+00	4.27E+00	4.23E+00
Parcel E	General Chemistry	Bromide	mg/kg	3	8	4.13E+00	1.50E+01	7.21E+00	8.38E+00
Parcel E	General Chemistry	Nitrate	mg/kg	8	8	9.48E+01	2.26E+02	1.42E+02	1.37E+02
Parcel E	General Chemistry	Sulfate	mg/kg	8	8	1.60E+03	6.90E+03	3.19E+03	3.75E+03
Parcel E	Metals	Boron	mg/kg	8	8	1.30E+01	3.20E+01	1.98E+01	2.06E+01
Parcel E	OCPs	beta-BHC	mg/kg	5	8	4.09E-03	1.00E-02	6.89E-03	6.38E-03

Notes:
(a) Neptune provided Ramboll with a copy of the R codes used for the UCL calculation on May 18, 2020.
(b) The maximum UCL value generated between the bias-corrected accelerated bootstrap method (BCa UCL) and the t-test method was selected as the UCL. If the maximum of the two UCLs was above the maximum detection, then the maximum detection was used as a surrogate. The selected values are shaded green.

95% UCL = 95% upper confidence level of the mean
BCa = bias-corrected accelerated
BHC = Hexachlorocyclohexane
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT metabolites
DL = Detection limit
DU = Ecological Decision Unit
mg/kg = milligram(s) per kilogram
ND = Not detected
OCPs = Organochlorine pesticides
OPPs = Organophosphate pesticides
OU-1 = Operable Unit 1
PCBs = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalency quotient
TPH = Total petroleum hydrocarbons
UCL = Upper confidence limit
VOCs = Volatile organic compounds

APPENDIX G
LOCATION-SPECIFIC SCREENING FOR TERRESTRIAL PLANTS AND INVERTEBRATES

G-1 Location-Specific Screening for Manganese and Perchlorate for Potential Risks to Terrestrial Plants: Operations Area

G-2 Location-Specific Screening for Manganese, Mercury, and Perchlorate for Potential Risks to Terrestrial Invertebrates: Operations Area

APPENDIX G-1
LOCATION-SPECIFIC SCREENING FOR MANGANESE AND PERCHLORATE FOR POTENTIAL RISKS TO TERRESTRIAL PLANTS: OPERATIONS AREA

Table G-1 Location-Specific Screening for Manganese and Perchlorate for Potential Risks to Terrestrial Plants: Operations Area

Table G-1: Location-Specific Screening for Manganese and Perchlorate for Potential Risks to Terrestrial Plants: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Decision Unit	Location	Sample ID	Sample Depth (ft bgs)	Sample Date	Chemical Name	Result (a)	Unit	Detect	ESV	ESV Source (b)	ESV HQ	RSV	RSV Source (b)	RSV HQ
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	11/13/2014	Manganese	250,000	mg/kg	Y	220	Eco-SSL Plants	1000	707	Eco-SSL Plants	400
DU-1	RIT-3-03	RIT-3-03-20141113	--	11/13/2014	Manganese	220,000	mg/kg	Y	220	Eco-SSL Plants	1000	707	Eco-SSL Plants	300
DU-1	SA180	SA180-2BPC	0.5 - 1.5	5/26/2010	Manganese	12,000	mg/kg	Y	220	Eco-SSL Plants	50	707	Eco-SSL Plants	20
DU-1	DS-C45-2	DS-C45-3	0 - 0	8/3/2011	Manganese	12,000	mg/kg	Y	220	Eco-SSL Plants	50	707	Eco-SSL Plants	20
DU-1	DS-C45-2	DS-C45-2	0 - 0	8/3/2011	Manganese	11,600	mg/kg	Y	220	Eco-SSL Plants	50	707	Eco-SSL Plants	20
DU-1	RIT-2-02	RIT-2-02-20141112	--	11/12/2014	Manganese	9,600	mg/kg	Y	220	Eco-SSL Plants	40	707	Eco-SSL Plants	10
DU-1	RSAO8	RSAO8-11.5B	0 - 1	9/14/2009	Manganese	9,010	mg/kg	Y	220	Eco-SSL Plants	40	707	Eco-SSL Plants	10
DU-1	SSAO7-04	SSAO7-04-0BPC	0 - 0.5	9/8/2010	Manganese	6,700	mg/kg	Y	220	Eco-SSL Plants	30	707	Eco-SSL Plants	9
DU-1	SA57	SA57-5BPC	0 - 1	5/25/2010	Manganese	5,000	mg/kg	Y	220	Eco-SSL Plants	20	707	Eco-SSL Plants	7
DU-1	SA180	SA180-0.5B	0 - 0.5	6/26/2008	Manganese	4,940	mg/kg	Y	220	Eco-SSL Plants	20	707	Eco-SSL Plants	7
DU-1	RISB-37	RISB-37-0.5-20141117	0.5 - 1	11/17/2014	Manganese	3,600	mg/kg	Y	220	Eco-SSL Plants	20	707	Eco-SSL Plants	5
DU-1	RIT-3-05	RIT-3-05-20141113	--	11/13/2014	Manganese	3,100	mg/kg	Y	220	Eco-SSL Plants	10	707	Eco-SSL Plants	4
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	11/12/2014	Manganese	2,500	mg/kg	Y	220	Eco-SSL Plants	10	707	Eco-SSL Plants	4
DU-1	SSAO7-07	SSAO7-07-1_01_BPC	0 - 1	10/27/2010	Manganese	2,500	mg/kg	Y	220	Eco-SSL Plants	10	707	Eco-SSL Plants	4
DU-1	SSAO8-08	SSAO8-08-0BPC	0 - 1	9/27/2010	Manganese	2,300	mg/kg	Y	220	Eco-SSL Plants	10	707	Eco-SSL Plants	3
DU-1	RISB-15	RISB-15-0.5-20141031	0.5 - 1	10/31/2014	Manganese	2,300	mg/kg	Y	220	Eco-SSL Plants	10	707	Eco-SSL Plants	3
DU-1	RIT-2-03	RIT-2-03-20141112	--	11/12/2014	Manganese	2,100	mg/kg	Y	220	Eco-SSL Plants	10	707	Eco-SSL Plants	3
DU-1	RIT-1-05	RIT-1-05-20141112	--	11/12/2014	Manganese	2,000	mg/kg	Y	220	Eco-SSL Plants	9	707	Eco-SSL Plants	3
DU-1	RISB-29	RISB-29-0.5-20141027	0.5 - 1	10/27/2014	Manganese	2,000	mg/kg	Y	220	Eco-SSL Plants	9	707	Eco-SSL Plants	3
DU-1	RISB-27	RISB-27-0.5-20141024	0.5 - 1	10/24/2014	Manganese	2,000	mg/kg	Y	220	Eco-SSL Plants	9	707	Eco-SSL Plants	3
DU-1	SA158	SA158-0.5B	0 - 1.5	6/17/2009	Manganese	1,880	mg/kg	Y	220	Eco-SSL Plants	9	707	Eco-SSL Plants	3
DU-1	RISB-12	RISB-12-0.5-20141215	0.5 - 1	12/15/2014	Manganese	1,700	mg/kg	Y	220	Eco-SSL Plants	8	707	Eco-SSL Plants	2
DU-1	SSAO8-06	SSAO8-06-3_01_BPC	0 - 1	10/27/2010	Manganese	1,700	mg/kg	Y	220	Eco-SSL Plants	8	707	Eco-SSL Plants	2
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5 - 1.5	4/22/2010	Manganese	1,600	mg/kg	Y	220	Eco-SSL Plants	7	707	Eco-SSL Plants	2
DU-1	SSAO7-08	SSAO7-08-1_01_BPC	0 - 1	10/27/2010	Manganese	1,600	mg/kg	Y	220	Eco-SSL Plants	7	707	Eco-SSL Plants	2
DU-1	SA157	SA157-0.5B	0.5 - 2	10/20/2009	Manganese	1,550	mg/kg	Y	220	Eco-SSL Plants	7	707	Eco-SSL Plants	2
DU-3	SA165	SA165-2BPC	0.5 - 1.5	4/15/2010	Manganese	1,500	mg/kg	Y	220	Eco-SSL Plants	7	707	Eco-SSL Plants	2
DU-1	RIT-1-04	RIT-1-04-20141112	--	11/12/2014	Manganese	1,400	mg/kg	Y	220	Eco-SSL Plants	6	707	Eco-SSL Plants	2
DU-1	SA92	SA92-0.5B	0 - 0	6/17/2009	Manganese	1,340	mg/kg	Y	220	Eco-SSL Plants	6	707	Eco-SSL Plants	2
DU-1	RSAO7	RSAO7-9B	0 - 1.5	10/12/2009	Manganese	1,330	mg/kg	Y	220	Eco-SSL Plants	6	707	Eco-SSL Plants	2
DU-1	RIT-1-02	RIT-1-02-20141111	--	11/11/2014	Manganese	1,300	mg/kg	Y	220	Eco-SSL Plants	6	707	Eco-SSL Plants	2
DU-1	RISB-16	RISB-16-0.5-20141029	0.5 - 1	10/29/2014	Manganese	1,300	mg/kg	Y	220	Eco-SSL Plants	6	707	Eco-SSL Plants	2
DU-2	SA07	SA7-0.5	0.5 - 2	11/20/2006	Manganese	1,290	mg/kg	Y	220	Eco-SSL Plants	6	707	Eco-SSL Plants	2
DU-1	RIT-2-05	RIT-2-05-20141113	--	11/13/2014	Manganese	1,200	mg/kg	Y	220	Eco-SSL Plants	5	707	Eco-SSL Plants	2
DU-1	RISB-18	RISB-18-0.5-20141027	0.5 - 1	10/27/2014	Manganese	1,200	mg/kg	Y	220	Eco-SSL Plants	5	707	Eco-SSL Plants	2
DU-1	RISB-14	RISB-14-0.5-20141216	0.5 - 1	12/16/2014	Manganese	1,200	mg/kg	Y	220	Eco-SSL Plants	5	707	Eco-SSL Plants	2
DU-1	RISB-28	RISB-28-0.5-20141024	0.5 - 1	10/24/2014	Manganese	1,000	mg/kg	Y	220	Eco-SSL Plants	5	707	Eco-SSL Plants	**1**
DU-1	RISB-40	RISB-40-0.5-20141121	0.5 - 1	11/21/2014	Manganese	980	mg/kg	Y	220	Eco-SSL Plants	4	707	Eco-SSL Plants	**1**
DU-1	RIT-1-03	RIT-1-03-20141112	--	11/12/2014	Manganese	970	mg/kg	Y	220	Eco-SSL Plants	4	707	Eco-SSL Plants	**1**
DU-1	RISB-19	RISB-19-0.5-20141027	0.5 - 1	10/27/2014	Manganese	960	mg/kg	Y	220	Eco-SSL Plants	4	707	Eco-SSL Plants	**1**
DU-1	RIT-2-04	RIT-2-04-20141113	--	11/13/2014	Manganese	890	mg/kg	Y	220	Eco-SSL Plants	4	707	Eco-SSL Plants	**1**
DU-1	RISB-31	RISB-31-0.5-20141119	0.5 - 1	11/19/2014	Manganese	890	mg/kg	Y	220	Eco-SSL Plants	4	707	Eco-SSL Plants	**1**
DU-1	RISB-30	RISB-30-0.5-20141118	0.5 - 1	11/18/2014	Manganese	840	mg/kg	Y	220	Eco-SSL Plants	4	707	Eco-SSL Plants	**1**
DU-1	SA185	SA185-0.5B	0.5 - 2	6/29/2009	Manganese	833	mg/kg	Y	220	Eco-SSL Plants	4	707	Eco-SSL Plants	**1**
DU-1	RIT-3-04	RIT-3-04-20141113	--	11/13/2014	Manganese	810	mg/kg	Y	220	Eco-SSL Plants	4	707	Eco-SSL Plants	**1**
DU-1	SA43	SA43-4BPC	0 - 0.5	4/14/2010	Manganese	810	mg/kg	Y	220	Eco-SSL Plants	4	707	Eco-SSL Plants	**1**
DU-1	M-162D	M-162D-0.5-20141209	0.5 - 1	12/9/2014	Manganese	810	mg/kg	Y	220	Eco-SSL Plants	4	707	Eco-SSL Plants	**1**
DU-1	SA44	SA44-5BPC	0 - 1	5/26/2010	Manganese	800	mg/kg	Y	220	Eco-SSL Plants	4	707	Eco-SSL Plants	**1**
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0 - 1	4/8/2010	Manganese	800	mg/kg	Y	220	Eco-SSL Plants	4	707	Eco-SSL Plants	**1**
DU-1	SSAO7-06	SSAO7-06-0BPC	0 - 1	9/27/2010	Manganese	790	mg/kg	Y	220	Eco-SSL Plants	4	707	Eco-SSL Plants	**1**
DU-1	SSAO7-01	SSAO7-01-1BPC	0 - 1	4/8/2010	Manganese	790	mg/kg	Y	220	Eco-SSL Plants	4	707	Eco-SSL Plants	**1**
DU-1	RISB-09	RISB-09-0.5-20141211	0.5 - 1	12/11/2014	Manganese	740	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	**1**
DU-1	DS-D27-1	DS-D27-1	0.5 - 0.5	4/14/2011	Manganese	740	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	**1**
DU-1	RISB-13	RISB-13-0.5-20141217	0.5 - 1	12/17/2014	Manganese	690	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	**1**
DU-1	SA145	SA145-0.5B	0 - 1.5	6/12/2009	Manganese	665	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.9
DU-1	SA71	SA71-0.5B	0.5 - 2	6/16/2009	Manganese	660	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.9
DU-1	RSAL6	RSAL6-0.5B	0 - 1.5	7/29/2009	Manganese	652	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.9
DU-1	RISB-41	RISB-41-0.5-20141121	0.5 - 1	11/21/2014	Manganese	650	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.9
DU-1	M-116	M116-0.5_03/12/2006	0.5 - 1.5	3/12/2006	Manganese	644	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.9

Table G-1: Location-Specific Screening for Manganese and Perchlorate for Potential Risks to Terrestrial Plants: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Decision Unit	Location	Sample ID	Sample Depth (ft bgs)	Sample Date	Chemical Name	Result (a)	Unit	Detect	ESV	ESV Source (b)	ESV HQ	RSV	RSV Source (b)	RSV HQ
DU-1	RSAM8	RSAM8-0.5B	0 - 1	6/12/2009	Manganese	615	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.9
DU-1	RSAL4	RSAL4-0.5B	0.5 - 2	7/7/2009	Manganese	612	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.9
DU-1	RISB-25	RISB-25-0.5-20141023	0.5 - 1	10/23/2014	Manganese	600	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.8
DU-1	RISB-34	RISB-34-0.5-20141119	0.5 - 1	11/19/2014	Manganese	600	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.8
DU-1	SA173	SA173-0.5B	0.5 - 2	7/27/2009	Manganese	597	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.8
DU-1	SA166	SA166-0.5B	0.5 - 1.5	6/11/2009	Manganese	587	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.8
DU-1	SA85	SA85-0.5B	0.5 - 2	6/16/2009	Manganese	577	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.8
DU-1	SA62	SA62-0.5B	0.5 - 2	6/16/2009	Manganese	576	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.8
DU-1	SSAN7-06	SSAN7-06-0BPC	0 - 0.5	9/7/2010	Manganese	560	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.8
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5 - 1	11/21/2014	Manganese	560	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.8
DU-1	RSAI7	RSAI7-0.5B	0 - 0.5	7/11/2008	Manganese	559	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.8
DU-1	RSAL5	RSAL5-0.5B	0.5 - 2	7/15/2009	Manganese	551	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.8
DU-1	RISB-39	RISB-39-0.5-20141121	0.5 - 1	11/21/2014	Manganese	550	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.8
DU-1	RSAM6	RSAM6-0.5B	0.5 - 2	6/18/2009	Manganese	550	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.8
DU-1	RISB-32	RISB-32-0.5-20141120	0.5 - 1	11/20/2014	Manganese	550	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.8
DU-1	RISB-47	RISB-47-0.5-20141120	0.5 - 1	11/20/2014	Manganese	550	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.8
DU-1	RISB-10	RISB-10-0.5-20141215	0.5 - 1	12/15/2014	Manganese	550	mg/kg	Y	220	Eco-SSL Plants	3	707	Eco-SSL Plants	0.8
DU-1	RISB-36	RISB-36-0.5-20141118	0.5 - 1	11/18/2014	Manganese	540	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.8
DU-2	SA103	SA103-0.5B	0.5 - 2.5	10/6/2009	Manganese	532	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.8
DU-1	SA157	SA157009-0.5B	0.5 - 2	10/20/2009	Manganese	508	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.7
DU-1	RSAO2	RSAO2-0.5B	0.5 - 2	7/9/2008	Manganese	506	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.7
DU-1	RIT-3-02	RIT-3-02-20141113	--	11/13/2014	Manganese	500	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.7
DU-1	SA43	SA43-5BPC	0.5 - 1.5	4/14/2010	Manganese	500	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.7
DU-1	RISB-17	RISB-17-0.5-20141028	0.5 - 1	10/28/2014	Manganese	500	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.7
DU-1	M-161D	M-161D-0.5-20141203	0.5 - 1	12/3/2014	Manganese	500	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.7
DU-2	RSAS3	RSAS3-0.5B	0.5 - 2	8/26/2009	Manganese	497	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.7
DU-1	RSAL8	RSAL8-0.5B	0.5 - 1.5	6/5/2009	Manganese	495	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.7
DU-1	CS-C10B-1	CS-C10B-1	0 - 0	7/28/2011	Manganese	490	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.7
DU-1	RSAJ5	RSAJ5-0.5B	0.5 - 2	6/2/2009	Manganese	475	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.7
DU-1	SA73	SA73-0.5B	0 - 1.5	7/29/2009	Manganese	474	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.7
DU-1	SSAN7-07	SSAN7-07-0BPC	0 - 0.5	9/7/2010	Manganese	470	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.7
DU-1	SA141	SA141009-14B	0 - 1.5	10/15/2009	Manganese	461	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.7
DU-1	RISB-48	RISB-48-0.5-20141120	0.5 - 1	11/20/2014	Manganese	460	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.7
DU-1	RISB-21	RISB-21-0.5-20141031	0.5 - 1	10/31/2014	Manganese	460	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.7
DU-1	SA189	SA189-0.5B	0.5 - 2	6/4/2009	Manganese	456	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-2	SA28	SA28-0.5B	0.5 - 2	8/3/2009	Manganese	455	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	SSAN8-01	SSAN8-01-2BPC	0 - 1	5/4/2010	Manganese	450	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	RSAM4	RSAM4-0.5B	0.5 - 2	7/8/2009	Manganese	448	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	RSAI5	RSAI5-0.5B	0.5 - 2	7/24/2009	Manganese	447	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	SA171	SA171-5B	0 - 1.5	10/19/2009	Manganese	443	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	SSAO8-05	SSAO8-05-0BPC	0 - 1	9/27/2010	Manganese	440	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	RISB-01	RISB-1-0.5-20181218	0.5 - 1	12/18/2018	Manganese	440	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	CS-C01-2	CS-C01-2	0.5 - 0.5	4/20/2011	Manganese	440	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	RSAN3	RSAN3-0.5B	0 - 1.5	7/8/2009	Manganese	439	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	RSAM7	RSAM7-0.5B	0 - 1.5	6/18/2009	Manganese	437	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	RIT-2-01	RIT-2-01-20141112	--	11/12/2014	Manganese	430	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	SSAO8-09	SSAO8-09-1_01_BPC	0 - 1	10/27/2010	Manganese	430	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5 - 1.5	8/16/2010	Manganese	430	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0 - 0	8/16/2010	Manganese	430	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	SA176	SA176-0.5B	0 - 1	6/10/2009	Manganese	426	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	SA67	SA67-0.5B	0.5 - 2	7/7/2008	Manganese	426	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	RSAL4	RSAL4009-0.5B	0.5 - 2	7/7/2009	Manganese	424	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	SA72	SA72-0.5B	0.5 - 2	7/27/2009	Manganese	418	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	RISB-23	RISB-23-0.5-20141028	0.5 - 1	10/28/2014	Manganese	410	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0 - 1	8/13/2010	Manganese	410	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5 - 1.5	8/13/2010	Manganese	410	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	RSAK6	RSAK6-0.5B	0 - 1	6/5/2009	Manganese	409	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	RSAK4	RSAK4-0.5B	0.5 - 1.5	6/11/2009	Manganese	409	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	SA55	SA55-0.5B	0.5 - 1.5	6/10/2009	Manganese	407	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6

Table G-1: Location-Specific Screening for Manganese and Perchlorate for Potential Risks to Terrestrial Plants: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Decision Unit	Location	Sample ID	Sample Depth (ft bgs)	Sample Date	Chemical Name	Result (a)	Unit	Detect	ESV	ESV Source (b)	ESV HQ	RSV	RSV Source (b)	RSV HQ
DU-1	RSAO6	RSAO6-0.5B	0 - 0.5	6/24/2009	Manganese	406	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	SA75	SA75-0.5B	0 - 1.5	7/17/2009	Manganese	406	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	SA141	SA141-14B	0 - 1.5	10/15/2009	Manganese	404	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	RSAN5	RSAN5-0.5B	0.5 - 2	6/23/2009	Manganese	403	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-2	RSAT6	RSAT6-0.5B	0.5 - 2	8/28/2009	Manganese	402	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-2	RSAU5	RSAU5-0.5B	0.5 - 2	8/5/2009	Manganese	400	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	RSAL7	RSAL7-0.5B	0.5 - 1.5	6/5/2009	Manganese	398	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	RSAN4	RSAN4-0.5B	0 - 1.5	7/8/2009	Manganese	397	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	SA20	SA20-0.5D	0 - 1.5	11/16/2006	Manganese	396	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	SA173	SA173009-0.5B	0.5 - 2	7/27/2009	Manganese	396	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	RSAI4	RSAI4-0.5B	0.5 - 2	7/24/2009	Manganese	394	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-2	TSB-GR-02	TSB-GR-02-0	0 - 1.5	11/19/2007	Manganese	393	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	RISB-33	RISB-33-0.5-20141119	0.5 - 1	11/19/2014	Manganese	390	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0 - 0	8/16/2010	Manganese	390	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-3	SA65	SA65-10B	0 - 0	8/25/2009	Manganese	390	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.6
DU-2	SA121	SA121009-0.5B	0.5 - 2	9/25/2009	Manganese	387	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	SA35	SA35-0.5B	0 - 0	6/10/2009	Manganese	385	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-2	RSAS3	RSAS3009-0.5B	0.5 - 2	8/26/2009	Manganese	384	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	RSAK4	RSAK4009-0.5B	0.5 - 2	6/11/2009	Manganese	383	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-2	SA147	SA147-0.5B	0.5 - 2	8/4/2009	Manganese	382	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	SA102	SA102-1.5BR	0 - 0.5	12/16/2009	Manganese	381	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	RIT-1-01	RIT-1-01-20141111	--	11/11/2014	Manganese	380	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0 - 1	8/16/2010	Manganese	380	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	RSAO3	RSAO3-0.5B	0 - 0	6/10/2009	Manganese	374	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-2	RSAP7	RSAP7-0.5B	0.5 - 2	10/27/2009	Manganese	372	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-3	SA64	SA64-0.5B	0 - 1.5	6/19/2009	Manganese	372	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	SA69	SA69-0.5B	0.5 - 2	7/7/2009	Manganese	371	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	SA102	SA102-1BR	0 - 0	12/16/2009	Manganese	370	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5 - 1	3/9/2017	Manganese	370	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	CS-DC-1	CS-DC-1	0 - 0	5/3/2011	Manganese	368	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-2	TSB-GJ-03	TSB-GJ-03-0	0 - 1.5	11/19/2007	Manganese	366	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-2	SA146	SA146-0.5B	0.5 - 2	8/4/2009	Manganese	364	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-3	SA16	SA16-0.5	0 - 0	11/9/2006	Manganese	361	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	RISB-35	RISB-35-0.5-20141119	0.5 - 1	11/19/2014	Manganese	360	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	SA114	SA114-1BR	0 - 0	12/16/2009	Manganese	355	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-2	SA121	SA121-0.5B	0.5 - 2	9/25/2009	Manganese	355	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5 - 1	3/6/2017	Manganese	350	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	RISB-11	RISB-11-0.5-20141217	0.5 - 1	12/17/2014	Manganese	350	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	SA179	SA179-0.5B	0.5 - 2	7/28/2009	Manganese	346	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	SA152	SA152-0.5B	0 - 1.5	6/4/2009	Manganese	346	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	SA74	SA74009-0.5B	0 - 1.5	7/15/2009	Manganese	344	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0 - 1.5	11/19/2007	Manganese	341	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	RSAO5	RSAO5-0.5B	0.5 - 2	6/29/2009	Manganese	340	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	SA50	SA50-0.5B	0 - 0	6/30/2009	Manganese	340	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0 - 1	8/17/2010	Manganese	340	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-2	SA116	SA116-0.5B	0.5 - 2	9/2/2009	Manganese	336	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-2	RSAQ6	RSAQ6-0.5B	0 - 0	9/11/2009	Manganese	333	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-1	RIT-3-01	RIT-3-01-20141113	--	11/13/2014	Manganese	330	mg/kg	Y	220	Eco-SSL Plants	2	707	Eco-SSL Plants	0.5
DU-2	SA138	SA138-0.5B	0.5 - 2.5	10/6/2009	Manganese	326	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.5
DU-2	SA02	SA2-0.5	0.5 - 2	11/3/2006	Manganese	325	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.5
DU-3	SA197	SA197-0.5B	0 - 1.5	6/19/2009	Manganese	321	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.5
DU-1	SA74	SA74-0.5B	0 - 1.5	7/15/2009	Manganese	320	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.5
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0 - 1.5	11/19/2007	Manganese	320	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.5
DU-1	SA151	SA151-0.5B	0.5 - 2	9/17/2009	Manganese	316	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	SA186	SA186-0.5B	0.5 - 2	6/29/2009	Manganese	315	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	SA114	SA114-1.5BR	0 - 0.5	12/16/2009	Manganese	312	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	SA09	SA09-5BPC	0 - 1	5/24/2010	Manganese	310	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	SA87	SA87-0.5B	0.5 - 2	6/25/2008	Manganese	310	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0 - 0	8/16/2010	Manganese	310	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4

Table G-1: Location-Specific Screening for Manganese and Perchlorate for Potential Risks to Terrestrial Plants: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Decision Unit	Location	Sample ID	Sample Depth (ft bgs)	Sample Date	Chemical Name	Result (a)	Unit	Detect	ESV	ESV Source (b)	ESV HQ	RSV	RSV Source (b)	RSV HQ
DU-2	SA31	SA31-0.5B	0.5 - 2	9/9/2009	Manganese	309	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	SA152	SA152009-0.5B	0 - 1.5	6/4/2009	Manganese	305	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	SA20	SA20-0.5	0 - 1.5	11/16/2006	Manganese	304	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-2	TSB-GJ-04	TSB-GJ-04-0	0 - 1.5	11/19/2007	Manganese	302	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	SA114	SA114009-1BR	0 - 0	12/16/2009	Manganese	301	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5 - 1	2/25/2017	Manganese	300	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5 - 1	3/11/2017	Manganese	300	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-2	RSAQ7	RSAQ7-0.5B	0.5 - 2	10/27/2009	Manganese	298	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5 - 1	3/12/2017	Manganese	290	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	SA18	SA18-0.5	0 - 1.5	11/15/2006	Manganese	288	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-2	TSB-GJ-05	TSB-GJ-05-0	0 - 1.5	11/19/2007	Manganese	286	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	SA19	SA19-0.5	0 - 1.5	11/16/2006	Manganese	275	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5 - 1	12/18/2018	Manganese	270	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	RISB-26	RISB-26-0.5-20141023	0.5 - 1	10/23/2014	Manganese	270	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	SA21	SA21-0.5	0.5 - 2	11/15/2006	Manganese	269	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	RSAM2	RSAM2-0.5B	0.5 - 2	6/3/2009	Manganese	263	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-2	SA212	SA212-0.5B	0.5 - 2	9/28/2009	Manganese	262	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-3	TSB-GJ-02	TSB-GJ-02-0	0 - 1.5	11/19/2007	Manganese	262	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	SA11	SA11-0.5D	0 - 0	11/9/2006	Manganese	261	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	RISB-03	RISB-3-0.5-20181218	0.5 - 1	12/18/2018	Manganese	260	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	RISB-04	RISB-4-0.5-20181218	0.5 - 1	12/18/2018	Manganese	260	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	RISB-24	RISB-24-0.5-20141027	0.5 - 1	10/27/2014	Manganese	260	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	SA11	SA11-0.5	0 - 0	11/9/2006	Manganese	250	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5 - 1	3/12/2017	Manganese	250	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-1	SA12	SA12-0.5	0 - 0	11/10/2006	Manganese	248	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.4
DU-3	SA15	SA15-10	0 - 0.5	11/8/2006	Manganese	239	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.3
DU-3	SA15	SA15-10D	0 - 0.5	11/8/2006	Manganese	230	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.3
DU-1	SA18	SA18-0.5D	0 - 1.5	11/15/2006	Manganese	228	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.3
DU-1	RISB-05	RISB-5-0.5-20181218	0.5 - 1	12/18/2018	Manganese	220	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.3
DU-1	RISB-20	RISB-20-0.5-20141029	0.5 - 1	10/29/2014	Manganese	210	mg/kg	Y	220	Eco-SSL Plants	**1**	707	Eco-SSL Plants	0.3
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5 - 1	3/10/2017	Manganese	200	mg/kg	Y	220	Eco-SSL Plants	0.9	707	Eco-SSL Plants	0.3
DU-1	RISB-02	RISB-2-0.5-20181218	0.5 - 1	12/18/2018	Manganese	180	mg/kg	Y	220	Eco-SSL Plants	0.8	707	Eco-SSL Plants	0.3
DU-3	SA128	SA128-10B	0 - 1.5	9/16/2009	Manganese	167	mg/kg	Y	220	Eco-SSL Plants	0.8	707	Eco-SSL Plants	0.2
DU-1	RISB-22	RISB-22-0.5-20141029	0.5 - 1	10/29/2014	Manganese	160	mg/kg	Y	220	Eco-SSL Plants	0.7	707	Eco-SSL Plants	0.2
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5 - 1	3/8/2017	Manganese	130	mg/kg	Y	220	Eco-SSL Plants	0.6	707	Eco-SSL Plants	0.2
DU-1	DS-DB-1	DS-DB-2	0 - 0	4/20/2011	Manganese	77.6	mg/kg	Y	220	Eco-SSL Plants	0.4	707	Eco-SSL Plants	0.1
DU-1	DS-DB-1	DS-DB-1	0 - 0	4/20/2011	Manganese	77.1	mg/kg	Y	220	Eco-SSL Plants	0.4	707	Eco-SSL Plants	0.1
DU-1	SA72	SA72-0.5B	0.5 - 2	7/27/2009	Perchlorate	4470	mg/kg	Y	40	LANL Generic Plant NOAEL	100	80	LANL Generic Plant LOAEL	60
DU-3	SA65	SA65-10B	0 - 0	8/25/2009	Perchlorate	1690	mg/kg	Y	40	LANL Generic Plant NOAEL	40	80	LANL Generic Plant LOAEL	20
DU-1	SSAM6-02	SSAM6-02-5BPC	0 - 0	5/17/2010	Perchlorate	1500	mg/kg	Y	40	LANL Generic Plant NOAEL	40	80	LANL Generic Plant LOAEL	20
DU-3	SA15	SA15-10	0 - 0.5	11/8/2006	Perchlorate	1210	mg/kg	Y	40	LANL Generic Plant NOAEL	30	80	LANL Generic Plant LOAEL	20
DU-3	SA15	SA15-10D	0 - 0.5	11/8/2006	Perchlorate	1160	mg/kg	Y	40	LANL Generic Plant NOAEL	30	80	LANL Generic Plant LOAEL	10
DU-3	SSAM6-01	SSAM6-01-10BPC	0 - 0	4/9/2010	Perchlorate	1100	mg/kg	Y	40	LANL Generic Plant NOAEL	30	80	LANL Generic Plant LOAEL	10
DU-1	RISB-21	RISB-21-0.5-20141031	0.5 - 1	10/31/2014	Perchlorate	940	mg/kg	Y	40	LANL Generic Plant NOAEL	20	80	LANL Generic Plant LOAEL	10
DU-1	RISB-01	RISB-1-0.5-20181218	0.5 - 1	12/18/2018	Perchlorate	800	mg/kg	Y	40	LANL Generic Plant NOAEL	20	80	LANL Generic Plant LOAEL	10
DU-3	SA49	SA49009-1.5BR	0.5 - 0.5	12/15/2009	Perchlorate	713	mg/kg	Y	40	LANL Generic Plant NOAEL	20	80	LANL Generic Plant LOAEL	9
DU-3	SSAM5-02	SSAM5-02-6BPC_FD	0 - 0	4/15/2010	Perchlorate	520	mg/kg	Y	40	LANL Generic Plant NOAEL	10	80	LANL Generic Plant LOAEL	7
DU-3	SA49	SA49-1.5BR	0.5 - 0.5	12/15/2009	Perchlorate	509	mg/kg	Y	40	LANL Generic Plant NOAEL	10	80	LANL Generic Plant LOAEL	6
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5 - 1	2/25/2017	Perchlorate	450	mg/kg	Y	40	LANL Generic Plant NOAEL	10	80	LANL Generic Plant LOAEL	6
DU-3	SSAM5-02	SSAM5-02-6BPC	0 - 0	4/15/2010	Perchlorate	440	mg/kg	Y	40	LANL Generic Plant NOAEL	10	80	LANL Generic Plant LOAEL	6
DU-3	SSAM5-02	SSAM5-02-5BPC	0 - 0	5/17/2010	Perchlorate	420	mg/kg	Y	40	LANL Generic Plant NOAEL	10	80	LANL Generic Plant LOAEL	5
DU-3	SSAM5-02	SSAM5-02-8BPC	0 - 1	4/15/2010	Perchlorate	360	mg/kg	Y	40	LANL Generic Plant NOAEL	9	80	LANL Generic Plant LOAEL	5
DU-1	SSAM5-04	SSAM5-04-4_01_BPC	0 - 1	10/13/2010	Perchlorate	340	mg/kg	Y	40	LANL Generic Plant NOAEL	9	80	LANL Generic Plant LOAEL	4
DU-1	SSAM5-04	SSAM5-04-4_01_BPC_FD	0 - 1	10/13/2010	Perchlorate	310	mg/kg	Y	40	LANL Generic Plant NOAEL	8	80	LANL Generic Plant LOAEL	4
DU-1	RSAM6	RSAM6-0.5B	0.5 - 2	6/18/2009	Perchlorate	231	mg/kg	Y	40	LANL Generic Plant NOAEL	6	80	LANL Generic Plant LOAEL	3
DU-1	EE-D02-1	EE-D02-1	0 - 0	5/17/2011	Perchlorate	222	mg/kg	Y	40	LANL Generic Plant NOAEL	6	80	LANL Generic Plant LOAEL	3
DU-1	SA19	SA19-0.5	0 - 1.5	11/16/2006	Perchlorate	217	mg/kg	Y	40	LANL Generic Plant NOAEL	5	80	LANL Generic Plant LOAEL	3
DU-1	CS-D02-1	CS-D02-1	0 - 0	5/17/2011	Perchlorate	179	mg/kg	Y	40	LANL Generic Plant NOAEL	4	80	LANL Generic Plant LOAEL	2
DU-1	CS-C10A-1	CS-C10A-1	0 - 0	5/17/2011	Perchlorate	134	mg/kg	Y	40	LANL Generic Plant NOAEL	3	80	LANL Generic Plant LOAEL	2

Table G-1: Location-Specific Screening for Manganese and Perchlorate for Potential Risks to Terrestrial Plants: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Decision Unit	Location	Sample ID	Sample Depth (ft bgs)	Sample Date	Chemical Name	Result (a)	Unit	Detect	ESV	ESV Source (b)	ESV HQ	RSV	RSV Source (b)	RSV HQ
DU-1	RISB-10	RISB-10-0.5-20141215	0.5 - 1	12/15/2014	Perchlorate	130	mg/kg	Y	40	LANL Generic Plant NOAEL	3	80	LANL Generic Plant LOAEL	2
DU-1	SA50	SA50-0.5B	0 - 0	6/30/2009	Perchlorate	114	mg/kg	Y	40	LANL Generic Plant NOAEL	3	80	LANL Generic Plant LOAEL	**1**
DU-1	RIT-2-05	RIT-2-05-20141113	--	11/13/2014	Perchlorate	110	mg/kg	Y	40	LANL Generic Plant NOAEL	3	80	LANL Generic Plant LOAEL	**1**
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0 - 1	4/8/2010	Perchlorate	110	mg/kg	Y	40	LANL Generic Plant NOAEL	3	80	LANL Generic Plant LOAEL	**1**
DU-1	SSAO7-01	SSAO7-01-1BPC	0 - 1	4/8/2010	Perchlorate	110	mg/kg	Y	40	LANL Generic Plant NOAEL	3	80	LANL Generic Plant LOAEL	**1**
DU-1	RISB-26	RISB-26-0.5-20141023	0.5 - 1	10/23/2014	Perchlorate	110	mg/kg	Y	40	LANL Generic Plant NOAEL	3	80	LANL Generic Plant LOAEL	**1**
DU-1	SA85	SA85-0.5B	0.5 - 2	6/16/2009	Perchlorate	107	mg/kg	Y	40	LANL Generic Plant NOAEL	3	80	LANL Generic Plant LOAEL	**1**
DU-1	SA151	SA151-0.5B	0.5 - 2	9/17/2009	Perchlorate	101	mg/kg	Y	40	LANL Generic Plant NOAEL	3	80	LANL Generic Plant LOAEL	**1**
DU-1	CS-C10B-1	CS-C10B-1	0 - 0	7/28/2011	Perchlorate	98.2	mg/kg	Y	40	LANL Generic Plant NOAEL	2	80	LANL Generic Plant LOAEL	**1**
DU-1	SA176	SA176-0.5B	0 - 1	6/10/2009	Perchlorate	93.5	mg/kg	Y	40	LANL Generic Plant NOAEL	2	80	LANL Generic Plant LOAEL	**1**
DU-1	RSAL4	RSAL4-0.5B	0.5 - 2	7/7/2009	Perchlorate	91.6	mg/kg	Y	40	LANL Generic Plant NOAEL	2	80	LANL Generic Plant LOAEL	**1**
DU-1	RSAL4	RSAL4009-0.5B	0.5 - 2	7/7/2009	Perchlorate	82.4	mg/kg	Y	40	LANL Generic Plant NOAEL	2	80	LANL Generic Plant LOAEL	**1**
DU-1	RISB-32	RISB-32-0.5-20141120	0.5 - 1	11/20/2014	Perchlorate	81	mg/kg	Y	40	LANL Generic Plant NOAEL	2	80	LANL Generic Plant LOAEL	**1**
DU-1	RISB-12	RISB-12-0.5-20141215	0.5 - 1	12/15/2014	Perchlorate	78	mg/kg	Y	40	LANL Generic Plant NOAEL	2	80	LANL Generic Plant LOAEL	**1**
DU-1	RSAM7	RSAM7-0.5B	0 - 1.5	6/18/2009	Perchlorate	77.1	mg/kg	Y	40	LANL Generic Plant NOAEL	2	80	LANL Generic Plant LOAEL	**1**
DU-1	SA11	SA11-0.5D	0 - 0	11/9/2006	Perchlorate	72.4	mg/kg	Y	40	LANL Generic Plant NOAEL	2	80	LANL Generic Plant LOAEL	0.9
DU-1	RISB-03	RISB-3-0.5-20181218	0.5 - 1	12/18/2018	Perchlorate	71	mg/kg	Y	40	LANL Generic Plant NOAEL	2	80	LANL Generic Plant LOAEL	0.9
DU-1	RIT-2-03	RIT-2-03-20141112	--	11/12/2014	Perchlorate	68	mg/kg	Y	40	LANL Generic Plant NOAEL	2	80	LANL Generic Plant LOAEL	0.9
DU-1	SA11	SA11-0.5	0 - 0	11/9/2006	Perchlorate	62.5	mg/kg	Y	40	LANL Generic Plant NOAEL	2	80	LANL Generic Plant LOAEL	0.8
DU-1	SA186	SA186-0.5B	0.5 - 2	6/29/2009	Perchlorate	54.6	mg/kg	Y	40	LANL Generic Plant NOAEL	**1**	80	LANL Generic Plant LOAEL	0.7
DU-1	RISB-09	RISB-09-0.5-20141211	0.5 - 1	12/11/2014	Perchlorate	47	mg/kg	Y	40	LANL Generic Plant NOAEL	**1**	80	LANL Generic Plant LOAEL	0.6
DU-1	SA179	SA179-0.5B	0.5 - 2	7/28/2009	Perchlorate	46.8	mg/kg	Y	40	LANL Generic Plant NOAEL	**1**	80	LANL Generic Plant LOAEL	0.6
DU-1	EE-E14C-1	EE-E14C-1	0 - 0	6/2/2011	Perchlorate	46.3	mg/kg	Y	40	LANL Generic Plant NOAEL	**1**	80	LANL Generic Plant LOAEL	0.6
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	11/12/2014	Perchlorate	46	mg/kg	Y	40	LANL Generic Plant NOAEL	**1**	80	LANL Generic Plant LOAEL	0.6
DU-1	RISB-11	RISB-11-0.5-20141217	0.5 - 1	12/17/2014	Perchlorate	43	mg/kg	Y	40	LANL Generic Plant NOAEL	**1**	80	LANL Generic Plant LOAEL	0.5
DU-1	RISB-18	RISB-18-0.5-20141027	0.5 - 1	10/27/2014	Perchlorate	43	mg/kg	Y	40	LANL Generic Plant NOAEL	**1**	80	LANL Generic Plant LOAEL	0.5
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5 - 1	3/12/2017	Perchlorate	43	mg/kg	Y	40	LANL Generic Plant NOAEL	**1**	80	LANL Generic Plant LOAEL	0.5
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5 - 1.5	5/18/2010	Perchlorate	40	mg/kg	Y	40	LANL Generic Plant NOAEL	**1**	80	LANL Generic Plant LOAEL	0.5
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5 - 1	3/12/2017	Perchlorate	40	mg/kg	Y	40	LANL Generic Plant NOAEL	**1**	80	LANL Generic Plant LOAEL	0.5
DU-1	RISB-13	RISB-13-0.5-20141217	0.5 - 1	12/17/2014	Perchlorate	39	mg/kg	Y	40	LANL Generic Plant NOAEL	**1**	80	LANL Generic Plant LOAEL	0.5
DU-1	RISB-31	RISB-31-0.5-20141119	0.5 - 1	11/19/2014	Perchlorate	39	mg/kg	Y	40	LANL Generic Plant NOAEL	**1**	80	LANL Generic Plant LOAEL	0.5
DU-1	CS-E14C-1	CS-E14C-1	0 - 0	6/2/2011	Perchlorate	38.7	mg/kg	Y	40	LANL Generic Plant NOAEL	**1**	80	LANL Generic Plant LOAEL	0.5
DU-3	SSAN6-01	SSAN6-01-5BPC	0 - 1	4/14/2010	Perchlorate	38	mg/kg	Y	40	LANL Generic Plant NOAEL	**1**	80	LANL Generic Plant LOAEL	0.5
DU-2	SA07	SA7-0.5	0.5 - 2	11/20/2006	Perchlorate	34.3	mg/kg	Y	40	LANL Generic Plant NOAEL	0.9	80	LANL Generic Plant LOAEL	0.4
DU-3	SSAN6-01	SSAN6-01-5BPC_FD	0 - 1	4/14/2010	Perchlorate	33	mg/kg	Y	40	LANL Generic Plant NOAEL	0.8	80	LANL Generic Plant LOAEL	0.4
DU-1	RIT-2-01	RIT-2-01-20141112	--	11/12/2014	Perchlorate	30	mg/kg	Y	40	LANL Generic Plant NOAEL	0.8	80	LANL Generic Plant LOAEL	0.4
DU-1	RSAO5	RSAO5-0.5B	0.5 - 2	6/29/2009	Perchlorate	24.8	mg/kg	Y	40	LANL Generic Plant NOAEL	0.6	80	LANL Generic Plant LOAEL	0.3
DU-1	SA145	SA145-0.5B	0 - 1.5	6/12/2009	Perchlorate	23	mg/kg	Y	40	LANL Generic Plant NOAEL	0.6	80	LANL Generic Plant LOAEL	0.3
DU-1	M-161D	M-161D-0.5-20141203	0.5 - 1	12/3/2014	Perchlorate	23	mg/kg	Y	40	LANL Generic Plant NOAEL	0.6	80	LANL Generic Plant LOAEL	0.3
DU-1	RISB-28	RISB-28-0.5-20141024	0.5 - 1	10/24/2014	Perchlorate	19	mg/kg	Y	40	LANL Generic Plant NOAEL	0.5	80	LANL Generic Plant LOAEL	0.2
DU-1	SSAO5-02	SSAO5-02-4BPC	0 - 0	4/8/2010	Perchlorate	18	mg/kg	Y	40	LANL Generic Plant NOAEL	0.5	80	LANL Generic Plant LOAEL	0.2
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0 - 0.5	4/26/2010	Perchlorate	18	mg/kg	Y	40	LANL Generic Plant NOAEL	0.5	80	LANL Generic Plant LOAEL	0.2
DU-1	RISB-14	RISB-14-0.5-20141216	0.5 - 1	12/16/2014	Perchlorate	18	mg/kg	Y	40	LANL Generic Plant NOAEL	0.5	80	LANL Generic Plant LOAEL	0.2
DU-1	RISB-29	RISB-29-0.5-20141027	0.5 - 1	10/27/2014	Perchlorate	18	mg/kg	Y	40	LANL Generic Plant NOAEL	0.5	80	LANL Generic Plant LOAEL	0.2
DU-1	RISB-19	RISB-19-0.5-20141027	0.5 - 1	10/27/2014	Perchlorate	17	mg/kg	Y	40	LANL Generic Plant NOAEL	0.4	80	LANL Generic Plant LOAEL	0.2
DU-1	SA166	SA166-0.5B	0.5 - 1.5	6/11/2009	Perchlorate	16.3	mg/kg	Y	40	LANL Generic Plant NOAEL	0.4	80	LANL Generic Plant LOAEL	0.2
DU-1	RISB-05	RISB-5-0.5-20181218	0.5 - 1	12/18/2018	Perchlorate	15	mg/kg	Y	40	LANL Generic Plant NOAEL	0.4	80	LANL Generic Plant LOAEL	0.2
DU-1	RSAM4	RSAM4-0.5B	0.5 - 2	7/8/2009	Perchlorate	13.8	mg/kg	Y	40	LANL Generic Plant NOAEL	0.3	80	LANL Generic Plant LOAEL	0.2
DU-1	SA71	SA71-0.5B	0.5 - 2	6/16/2009	Perchlorate	13.3	mg/kg	Y	40	LANL Generic Plant NOAEL	0.3	80	LANL Generic Plant LOAEL	0.2
DU-1	SA158	SA158-0.5B	0 - 1.5	6/17/2009	Perchlorate	13.2	mg/kg	Y	40	LANL Generic Plant NOAEL	0.3	80	LANL Generic Plant LOAEL	0.2
DU-1	RIT-3-01	RIT-3-01-20141113	--	11/13/2014	Perchlorate	13	mg/kg	Y	40	LANL Generic Plant NOAEL	0.3	80	LANL Generic Plant LOAEL	0.2
DU-1	SSAO5-02	SSAO5-02-6BPC	0.5 - 1.5	4/8/2010	Perchlorate	13	mg/kg	Y	40	LANL Generic Plant NOAEL	0.3	80	LANL Generic Plant LOAEL	0.2
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0 - 1.5	11/19/2007	Perchlorate	13	mg/kg	Y	40	LANL Generic Plant NOAEL	0.3	80	LANL Generic Plant LOAEL	0.2
DU-2	RSAT6	RSAT6-0.5B	0.5 - 2	8/28/2009	Perchlorate	12.3	mg/kg	Y	40	LANL Generic Plant NOAEL	0.3	80	LANL Generic Plant LOAEL	0.2
DU-1	RSAJ5	RSAJ5-0.5B	0.5 - 2	6/2/2009	Perchlorate	12.2	mg/kg	Y	40	LANL Generic Plant NOAEL	0.3	80	LANL Generic Plant LOAEL	0.2
DU-1	RSAI4	RSAI4-0.5B	0.5 - 2	7/24/2009	Perchlorate	11	mg/kg	Y	40	LANL Generic Plant NOAEL	0.3	80	LANL Generic Plant LOAEL	0.1
DU-1	RSAN5	RSAN5-0.5B	0.5 - 2	6/23/2009	Perchlorate	10.2	mg/kg	Y	40	LANL Generic Plant NOAEL	0.3	80	LANL Generic Plant LOAEL	0.1
DU-1	RIT-1-04	RIT-1-04-20141112	--	11/12/2014	Perchlorate	9.8	mg/kg	Y	40	LANL Generic Plant NOAEL	0.2	80	LANL Generic Plant LOAEL	0.1
DU-3	SA64	SA64-0.5B	0 - 1.5	6/19/2009	Perchlorate	9.77	mg/kg	Y	40	LANL Generic Plant NOAEL	0.2	80	LANL Generic Plant LOAEL	0.1

Table G-1: Location-Specific Screening for Manganese and Perchlorate for Potential Risks to Terrestrial Plants: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Decision Unit	Location	Sample ID	Sample Depth (ft bgs)	Sample Date	Chemical Name	Result (a)	Unit	Detect	ESV	ESV Source (b)	ESV HQ	RSV	RSV Source (b)	RSV HQ
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5 - 1	3/8/2017	Perchlorate	9.6	mg/kg	Y	40	LANL Generic Plant NOAEL	0.2	80	LANL Generic Plant LOAEL	0.1
DU-1	RSAO8	RSAO8-11.5B	0 - 1	9/14/2009	Perchlorate	9.37	mg/kg	Y	40	LANL Generic Plant NOAEL	0.2	80	LANL Generic Plant LOAEL	0.1
DU-2	RSAS3	RSAS3-0.5B	0.5 - 2	8/26/2009	Perchlorate	8.68	mg/kg	Y	40	LANL Generic Plant NOAEL	0.2	80	LANL Generic Plant LOAEL	0.1
DU-2	RSAS3	RSAS3009-0.5B	0.5 - 2	8/26/2009	Perchlorate	8.42	mg/kg	Y	40	LANL Generic Plant NOAEL	0.2	80	LANL Generic Plant LOAEL	0.1
DU-1	SA189	SA189-0.5B	0.5 - 2	6/4/2009	Perchlorate	8.4	mg/kg	Y	40	LANL Generic Plant NOAEL	0.2	80	LANL Generic Plant LOAEL	0.1
DU-1	RISB-47	RISB-47-0.5-20141120	0.5 - 1	11/20/2014	Perchlorate	7.9	mg/kg	Y	40	LANL Generic Plant NOAEL	0.2	80	LANL Generic Plant LOAEL	0.1
DU-1	SA92	SA92-0.5B	0 - 0	6/17/2009	Perchlorate	7.5	mg/kg	Y	40	LANL Generic Plant NOAEL	0.2	80	LANL Generic Plant LOAEL	0.09
DU-1	RIT-1-02	RIT-1-02-20141111	--	11/11/2014	Perchlorate	7.4	mg/kg	Y	40	LANL Generic Plant NOAEL	0.2	80	LANL Generic Plant LOAEL	0.09
DU-1	RIT-3-05	RIT-3-05-20141113	--	11/13/2014	Perchlorate	7.3	mg/kg	Y	40	LANL Generic Plant NOAEL	0.2	80	LANL Generic Plant LOAEL	0.09
DU-1	RSAM2	RSAM2-0.5B	0.5 - 2	6/3/2009	Perchlorate	6.97	mg/kg	Y	40	LANL Generic Plant NOAEL	0.2	80	LANL Generic Plant LOAEL	0.09
DU-1	M-162D	M-162D-0.5-20141209	0.5 - 1	12/9/2014	Perchlorate	6.8	mg/kg	Y	40	LANL Generic Plant NOAEL	0.2	80	LANL Generic Plant LOAEL	0.09
DU-2	RSAP7	RSAP7-0.5B	0.5 - 2	10/27/2009	Perchlorate	6.54	mg/kg	Y	40	LANL Generic Plant NOAEL	0.2	80	LANL Generic Plant LOAEL	0.08
DU-1	RISB-37	RISB-37-0.5-20141117	0.5 - 1	11/17/2014	Perchlorate	6.5	mg/kg	Y	40	LANL Generic Plant NOAEL	0.2	80	LANL Generic Plant LOAEL	0.08
DU-1	SA12	SA12-0.5	0 - 0	11/10/2006	Perchlorate	6.41	mg/kg	Y	40	LANL Generic Plant NOAEL	0.2	80	LANL Generic Plant LOAEL	0.08
DU-1	SA171	SA171-5B	0 - 1.5	10/19/2009	Perchlorate	6.01	mg/kg	Y	40	LANL Generic Plant NOAEL	0.2	80	LANL Generic Plant LOAEL	0.08
DU-1	RISB-25	RISB-25-0.5-20141023	0.5 - 1	10/23/2014	Perchlorate	5.8	mg/kg	Y	40	LANL Generic Plant NOAEL	0.1	80	LANL Generic Plant LOAEL	0.07
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0 - 0	2/9/2011	Perchlorate	5.6	mg/kg	Y	40	LANL Generic Plant NOAEL	0.1	80	LANL Generic Plant LOAEL	0.07
DU-2	SA146	SA146-0.5B	0.5 - 2	8/4/2009	Perchlorate	5.45	mg/kg	Y	40	LANL Generic Plant NOAEL	0.1	80	LANL Generic Plant LOAEL	0.07
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5 - 1	12/18/2018	Perchlorate	5.4	mg/kg	Y	40	LANL Generic Plant NOAEL	0.1	80	LANL Generic Plant LOAEL	0.07
DU-2	RSAU5	RSAU5-0.5B	0.5 - 2	8/5/2009	Perchlorate	5.19	mg/kg	Y	40	LANL Generic Plant NOAEL	0.1	80	LANL Generic Plant LOAEL	0.06
DU-1	RISB-15	RISB-15-0.5-20141031	0.5 - 1	10/31/2014	Perchlorate	5.1	mg/kg	Y	40	LANL Generic Plant NOAEL	0.1	80	LANL Generic Plant LOAEL	0.06
DU-1	SA55	SA55-0.5B	0.5 - 1.5	6/10/2009	Perchlorate	5.06	mg/kg	Y	40	LANL Generic Plant NOAEL	0.1	80	LANL Generic Plant LOAEL	0.06
DU-1	RIT-1-05	RIT-1-05-20141112	--	11/12/2014	Perchlorate	4.6	mg/kg	Y	40	LANL Generic Plant NOAEL	0.1	80	LANL Generic Plant LOAEL	0.06
DU-1	RSAO6	RSAO6-0.5B	0 - 0.5	6/24/2009	Perchlorate	4.43	mg/kg	Y	40	LANL Generic Plant NOAEL	0.1	80	LANL Generic Plant LOAEL	0.06
DU-1	SA185	SA185-0.5B	0.5 - 2	6/29/2009	Perchlorate	4.22	mg/kg	Y	40	LANL Generic Plant NOAEL	0.1	80	LANL Generic Plant LOAEL	0.05
DU-1	RISB-27	RISB-27-0.5-20141024	0.5 - 1	10/24/2014	Perchlorate	4.1	mg/kg	Y	40	LANL Generic Plant NOAEL	0.1	80	LANL Generic Plant LOAEL	0.05
DU-1	CS-DC-1	CS-DC-1	0 - 0	5/3/2011	Perchlorate	4.06	mg/kg	Y	40	LANL Generic Plant NOAEL	0.1	80	LANL Generic Plant LOAEL	0.05
DU-1	RISB-35	RISB-35-0.5-20141119	0.5 - 1	11/19/2014	Perchlorate	3.9	mg/kg	Y	40	LANL Generic Plant NOAEL	0.1	80	LANL Generic Plant LOAEL	0.05
DU-1	SA18	SA18-0.5	0 - 1.5	11/15/2006	Perchlorate	3.85	mg/kg	Y	40	LANL Generic Plant NOAEL	0.1	80	LANL Generic Plant LOAEL	0.05
DU-2	TSB-GR-02	TSB-GR-02-0	0 - 1.5	11/19/2007	Perchlorate	3.76	mg/kg	Y	40	LANL Generic Plant NOAEL	0.09	80	LANL Generic Plant LOAEL	0.05
DU-2	SA138	SA138-0.5B	0.5 - 2.5	10/6/2009	Perchlorate	3.72	mg/kg	Y	40	LANL Generic Plant NOAEL	0.09	80	LANL Generic Plant LOAEL	0.05
DU-3	SA16	SA16-0.5	0 - 0	11/9/2006	Perchlorate	3.72	mg/kg	Y	40	LANL Generic Plant NOAEL	0.09	80	LANL Generic Plant LOAEL	0.05
DU-1	RISB-23	RISB-23-0.5-20141028	0.5 - 1	10/28/2014	Perchlorate	3.7	mg/kg	Y	40	LANL Generic Plant NOAEL	0.09	80	LANL Generic Plant LOAEL	0.05
DU-3	SSAN5-05	SSAN5-05-0.0_02_BPC	0 - 0	11/2/2010	Perchlorate	3.7	mg/kg	Y	40	LANL Generic Plant NOAEL	0.09	80	LANL Generic Plant LOAEL	0.05
DU-1	SA141	SA141-14B	0 - 1.5	10/15/2009	Perchlorate	3.56	mg/kg	Y	40	LANL Generic Plant NOAEL	0.09	80	LANL Generic Plant LOAEL	0.04
DU-1	SA173	SA173009-0.5B	0.5 - 2	7/27/2009	Perchlorate	3.28	mg/kg	Y	40	LANL Generic Plant NOAEL	0.08	80	LANL Generic Plant LOAEL	0.04
DU-2	SA28	SA28-0.5B	0.5 - 2	8/3/2009	Perchlorate	3.28	mg/kg	Y	40	LANL Generic Plant NOAEL	0.08	80	LANL Generic Plant LOAEL	0.04
DU-1	SA141	SA141009-14B	0 - 1.5	10/15/2009	Perchlorate	3.18	mg/kg	Y	40	LANL Generic Plant NOAEL	0.08	80	LANL Generic Plant LOAEL	0.04
DU-1	RISB-24	RISB-24-0.5-20141027	0.5 - 1	10/27/2014	Perchlorate	3.1	mg/kg	Y	40	LANL Generic Plant NOAEL	0.08	80	LANL Generic Plant LOAEL	0.04
DU-1	SA173	SA173-0.5B	0.5 - 2	7/27/2009	Perchlorate	3.01	mg/kg	Y	40	LANL Generic Plant NOAEL	0.08	80	LANL Generic Plant LOAEL	0.04
DU-1	RIT-1-03	RIT-1-03-20141112	--	11/12/2014	Perchlorate	2.9	mg/kg	Y	40	LANL Generic Plant NOAEL	0.07	80	LANL Generic Plant LOAEL	0.04
DU-1	SA87	SA87-0.5B	0.5 - 2	6/25/2008	Perchlorate	2.84	mg/kg	Y	40	LANL Generic Plant NOAEL	0.07	80	LANL Generic Plant LOAEL	0.04
DU-3	SA197	SA197-0.5B	0 - 1.5	6/19/2009	Perchlorate	2.8	mg/kg	Y	40	LANL Generic Plant NOAEL	0.07	80	LANL Generic Plant LOAEL	0.04
DU-2	SA212	SA212-0.5B	0.5 - 2	9/28/2009	Perchlorate	2.62	mg/kg	Y	40	LANL Generic Plant NOAEL	0.07	80	LANL Generic Plant LOAEL	0.03
DU-1	RISB-34	RISB-34-0.5-20141119	0.5 - 1	11/19/2014	Perchlorate	2.6	mg/kg	Y	40	LANL Generic Plant NOAEL	0.07	80	LANL Generic Plant LOAEL	0.03
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5 - 1	3/6/2017	Perchlorate	2.6	mg/kg	Y	40	LANL Generic Plant NOAEL	0.07	80	LANL Generic Plant LOAEL	0.03
DU-1	RIT-1-01	RIT-1-01-20141111	--	11/11/2014	Perchlorate	2.4	mg/kg	Y	40	LANL Generic Plant NOAEL	0.06	80	LANL Generic Plant LOAEL	0.03
DU-2	RSAQ6	RSAQ6-0.5B	0 - 0	9/11/2009	Perchlorate	2.12	mg/kg	Y	40	LANL Generic Plant NOAEL	0.05	80	LANL Generic Plant LOAEL	0.03
DU-1	RSAK6	RSAK6-0.5B	0 - 1	6/5/2009	Perchlorate	2.1	mg/kg	Y	40	LANL Generic Plant NOAEL	0.05	80	LANL Generic Plant LOAEL	0.03
DU-1	RSAL7	RSAL7-0.5B	0.5 - 1.5	6/5/2009	Perchlorate	2.01	mg/kg	Y	40	LANL Generic Plant NOAEL	0.05	80	LANL Generic Plant LOAEL	0.03
DU-1	RIT-2-04	RIT-2-04-20141113	--	11/13/2014	Perchlorate	1.9	mg/kg	Y	40	LANL Generic Plant NOAEL	0.05	80	LANL Generic Plant LOAEL	0.02
DU-2	SA103	SA103-0.5B	0.5 - 2.5	10/6/2009	Perchlorate	1.87	mg/kg	Y	40	LANL Generic Plant NOAEL	0.05	80	LANL Generic Plant LOAEL	0.02
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	11/13/2014	Perchlorate	1.8	mg/kg	Y	40	LANL Generic Plant NOAEL	0.05	80	LANL Generic Plant LOAEL	0.02
DU-1	RISB-48	RISB-48-0.5-20141120	0.5 - 1	11/20/2014	Perchlorate	1.8	mg/kg	Y	40	LANL Generic Plant NOAEL	0.05	80	LANL Generic Plant LOAEL	0.02
DU-1	RIT-2-02	RIT-2-02-20141112	--	11/12/2014	Perchlorate	1.7	mg/kg	Y	40	LANL Generic Plant NOAEL	0.04	80	LANL Generic Plant LOAEL	0.02
DU-1	RISB-30	RISB-30-0.5-20141118	0.5 - 1	11/18/2014	Perchlorate	1.7	mg/kg	Y	40	LANL Generic Plant NOAEL	0.04	80	LANL Generic Plant LOAEL	0.02
DU-1	SA67	SA67-0.5B	0.5 - 2	7/7/2008	Perchlorate	1.64	mg/kg	Y	40	LANL Generic Plant NOAEL	0.04	80	LANL Generic Plant LOAEL	0.02
DU-1	SA18	SA18-0.5D	0 - 1.5	11/15/2006	Perchlorate	1.59	mg/kg	Y	40	LANL Generic Plant NOAEL	0.04	80	LANL Generic Plant LOAEL	0.02
DU-2	TSB-GJ-03	TSB-GJ-03-0	0 - 1.5	11/19/2007	Perchlorate	1.45	mg/kg	Y	40	LANL Generic Plant NOAEL	0.04	80	LANL Generic Plant LOAEL	0.02

Table G-1: Location-Specific Screening for Manganese and Perchlorate for Potential Risks to Terrestrial Plants: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Decision Unit	Location	Sample ID	Sample Depth (ft bgs)	Sample Date	Chemical Name	Result (a)	Unit	Detect	ESV	ESV Source (b)	ESV HQ	RSV	RSV Source (b)	RSV HQ
DU-1	RSAO2	RSAO2-0.5B	0.5 - 2	7/9/2008	Perchlorate	1.41	mg/kg	Y	40	LANL Generic Plant NOAEL	0.04	80	LANL Generic Plant LOAEL	0.02
DU-1	DS-DB-1	DS-DB-2	0 - 0	4/20/2011	Perchlorate	1.37	mg/kg	Y	40	LANL Generic Plant NOAEL	0.03	80	LANL Generic Plant LOAEL	0.02
DU-1	DS-DB-1	DS-DB-1	0 - 0	4/20/2011	Perchlorate	1.32	mg/kg	Y	40	LANL Generic Plant NOAEL	0.03	80	LANL Generic Plant LOAEL	0.02
DU-1	RISB-16	RISB-16-0.5-20141029	0.5 - 1	10/29/2014	Perchlorate	1.3	mg/kg	Y	40	LANL Generic Plant NOAEL	0.03	80	LANL Generic Plant LOAEL	0.02
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0 - 0	8/10/2010	Perchlorate	1.2	mg/kg	Y	40	LANL Generic Plant NOAEL	0.03	80	LANL Generic Plant LOAEL	0.02
DU-1	SA21	SA21-0.5	0.5 - 2	11/15/2006	Perchlorate	1.17	mg/kg	Y	40	LANL Generic Plant NOAEL	0.03	80	LANL Generic Plant LOAEL	0.01
DU-1	RSAL5	RSAL5-0.5B	0.5 - 2	7/15/2009	Perchlorate	1.02	mg/kg	Y	40	LANL Generic Plant NOAEL	0.03	80	LANL Generic Plant LOAEL	0.01
DU-1	RIT-3-04	RIT-3-04-20141113	--	11/13/2014	Perchlorate	1	mg/kg	Y	40	LANL Generic Plant NOAEL	0.03	80	LANL Generic Plant LOAEL	0.01
DU-1	RIT-3-02	RIT-3-02-20141113	--	11/13/2014	Perchlorate	0.93	mg/kg	Y	40	LANL Generic Plant NOAEL	0.02	80	LANL Generic Plant LOAEL	0.01
DU-2	TSB-GJ-04	TSB-GJ-04-0	0 - 1.5	11/19/2007	Perchlorate	0.892	mg/kg	Y	40	LANL Generic Plant NOAEL	0.02	80	LANL Generic Plant LOAEL	0.01
DU-1	RISB-04	RISB-4-0.5-20181218	0.5 - 1	12/18/2018	Perchlorate	0.86	mg/kg	Y	40	LANL Generic Plant NOAEL	0.02	80	LANL Generic Plant LOAEL	0.01
DU-1	RSAL8	RSAL8-0.5B	0.5 - 1.5	6/5/2009	Perchlorate	0.84	mg/kg	Y	40	LANL Generic Plant NOAEL	0.02	80	LANL Generic Plant LOAEL	0.01
DU-1	SSAI3-07	SSAI3-07-10BPC	0 - 0	8/31/2010	Perchlorate	0.81	mg/kg	Y	40	LANL Generic Plant NOAEL	0.02	80	LANL Generic Plant LOAEL	0.01
DU-2	RSAQ7	RSAQ7-0.5B	0.5 - 2	10/27/2009	Perchlorate	0.797	mg/kg	Y	40	LANL Generic Plant NOAEL	0.02	80	LANL Generic Plant LOAEL	0.01
DU-1	SSAI3-07	SSAI3-07-10BPC_FD	0 - 0	8/10/2010	Perchlorate	0.78	mg/kg	Y	40	LANL Generic Plant NOAEL	0.02	80	LANL Generic Plant LOAEL	0.01
DU-3	TSB-GJ-02	TSB-GJ-02-0	0 - 1.5	11/19/2007	Perchlorate	0.779	mg/kg	Y	40	LANL Generic Plant NOAEL	0.02	80	LANL Generic Plant LOAEL	0.01
DU-3	SSAN5-03	SSAN5-03-5BPC	0 - 0	5/17/2010	Perchlorate	0.74	mg/kg	Y	40	LANL Generic Plant NOAEL	0.02	80	LANL Generic Plant LOAEL	0.009
DU-1	SA69	SA69-0.5B	0.5 - 2	7/7/2009	Perchlorate	0.727	mg/kg	Y	40	LANL Generic Plant NOAEL	0.02	80	LANL Generic Plant LOAEL	0.009
DU-1	RSAI5	RSAI5-0.5B	0.5 - 2	7/24/2009	Perchlorate	0.677	mg/kg	Y	40	LANL Generic Plant NOAEL	0.02	80	LANL Generic Plant LOAEL	0.008
DU-1	RSAK4	RSAK4009-0.5B	0.5 - 2	6/11/2009	Perchlorate	0.663	mg/kg	Y	40	LANL Generic Plant NOAEL	0.02	80	LANL Generic Plant LOAEL	0.008
DU-1	RSAK4	RSAK4-0.5B	0.5 - 1.5	6/11/2009	Perchlorate	0.649	mg/kg	Y	40	LANL Generic Plant NOAEL	0.02	80	LANL Generic Plant LOAEL	0.008
DU-1	RISB-36	RISB-36-0.5-20141118	0.5 - 1	11/18/2014	Perchlorate	0.63	mg/kg	Y	40	LANL Generic Plant NOAEL	0.02	80	LANL Generic Plant LOAEL	0.008
DU-3	SA128	SA128-10B	0 - 1.5	9/16/2009	Perchlorate	0.617	mg/kg	Y	40	LANL Generic Plant NOAEL	0.02	80	LANL Generic Plant LOAEL	0.008
DU-1	M-116	M116-0.5_03/12/2006	0.5 - 1.5	3/12/2006	Perchlorate	0.6	mg/kg	Y	40	LANL Generic Plant NOAEL	0.02	80	LANL Generic Plant LOAEL	0.008
DU-2	SA121	SA121-0.5B	0.5 - 2	9/25/2009	Perchlorate	0.596	mg/kg	Y	40	LANL Generic Plant NOAEL	0.01	80	LANL Generic Plant LOAEL	0.007
DU-2	SA121	SA121009-0.5B	0.5 - 2	9/25/2009	Perchlorate	0.582	mg/kg	Y	40	LANL Generic Plant NOAEL	0.01	80	LANL Generic Plant LOAEL	0.007
DU-1	RISB-22	RISB-22-0.5-20141029	0.5 - 1	10/29/2014	Perchlorate	0.58	mg/kg	Y	40	LANL Generic Plant NOAEL	0.01	80	LANL Generic Plant LOAEL	0.007
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5 - 1	3/9/2017	Perchlorate	0.49	mg/kg	Y	40	LANL Generic Plant NOAEL	0.01	80	LANL Generic Plant LOAEL	0.006
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0 - 1.5	11/19/2007	Perchlorate	0.477	mg/kg	Y	40	LANL Generic Plant NOAEL	0.01	80	LANL Generic Plant LOAEL	0.006
DU-1	SA62	SA62-0.5B	0.5 - 2	6/16/2009	Perchlorate	0.47	mg/kg	Y	40	LANL Generic Plant NOAEL	0.01	80	LANL Generic Plant LOAEL	0.006
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5 - 1	3/11/2017	Perchlorate	0.41	mg/kg	Y	40	LANL Generic Plant NOAEL	0.01	80	LANL Generic Plant LOAEL	0.005
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0 - 1	8/10/2010	Perchlorate	0.4	mg/kg	Y	40	LANL Generic Plant NOAEL	0.01	80	LANL Generic Plant LOAEL	0.005
DU-1	SA152	SA152009-0.5B	0 - 1.5	6/4/2009	Perchlorate	0.354	mg/kg	Y	40	LANL Generic Plant NOAEL	0.009	80	LANL Generic Plant LOAEL	0.004
DU-1	SA152	SA152-0.5B	0 - 1.5	6/4/2009	Perchlorate	0.352	mg/kg	Y	40	LANL Generic Plant NOAEL	0.009	80	LANL Generic Plant LOAEL	0.004
DU-1	RSAM8	RSAM8-0.5B	0 - 1	6/12/2009	Perchlorate	0.338	mg/kg	Y	40	LANL Generic Plant NOAEL	0.008	80	LANL Generic Plant LOAEL	0.004
DU-1	RISB-02	RISB-2-0.5-20181218	0.5 - 1	12/18/2018	Perchlorate	0.33	mg/kg	Y	40	LANL Generic Plant NOAEL	0.008	80	LANL Generic Plant LOAEL	0.004
DU-1	RISB-20	RISB-20-0.5-20141029	0.5 - 1	10/29/2014	Perchlorate	0.33	mg/kg	Y	40	LANL Generic Plant NOAEL	0.008	80	LANL Generic Plant LOAEL	0.004
DU-1	RSAI7	RSAI7-0.5B	0 - 0.5	7/11/2008	Perchlorate	0.31	mg/kg	Y	40	LANL Generic Plant NOAEL	0.008	80	LANL Generic Plant LOAEL	0.004
DU-1	SA74	SA74-0.5B	0 - 1.5	7/15/2009	Perchlorate	0.249	mg/kg	Y	40	LANL Generic Plant NOAEL	0.006	80	LANL Generic Plant LOAEL	0.003
DU-1	SA74	SA74009-0.5B	0 - 1.5	7/15/2009	Perchlorate	0.227	mg/kg	Y	40	LANL Generic Plant NOAEL	0.006	80	LANL Generic Plant LOAEL	0.003
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5 - 1	3/10/2017	Perchlorate	0.21	mg/kg	Y	40	LANL Generic Plant NOAEL	0.005	80	LANL Generic Plant LOAEL	0.003
DU-1	SA73	SA73-0.5B	0 - 1.5	7/29/2009	Perchlorate	0.209	mg/kg	Y	40	LANL Generic Plant NOAEL	0.005	80	LANL Generic Plant LOAEL	0.003
DU-1	SA180	SA180-0.5B	0 - 0.5	6/26/2008	Perchlorate	0.201	mg/kg	Y	40	LANL Generic Plant NOAEL	0.005	80	LANL Generic Plant LOAEL	0.003
DU-2	TSB-GJ-05	TSB-GJ-05-0	0 - 1.5	11/19/2007	Perchlorate	0.186	mg/kg	Y	40	LANL Generic Plant NOAEL	0.005	80	LANL Generic Plant LOAEL	0.002
DU-1	RISB-17	RISB-17-0.5-20141028	0.5 - 1	10/28/2014	Perchlorate	0.18	mg/kg	Y	40	LANL Generic Plant NOAEL	0.005	80	LANL Generic Plant LOAEL	0.002
DU-2	SA31	SA31-0.5B	0.5 - 2	9/9/2009	Perchlorate	0.161	mg/kg	Y	40	LANL Generic Plant NOAEL	0.004	80	LANL Generic Plant LOAEL	0.002
DU-1	SA20	SA20-0.5D	0 - 1.5	11/16/2006	Perchlorate	0.158	mg/kg	Y	40	LANL Generic Plant NOAEL	0.004	80	LANL Generic Plant LOAEL	0.002
DU-1	SA20	SA20-0.5	0 - 1.5	11/16/2006	Perchlorate	0.15	mg/kg	Y	40	LANL Generic Plant NOAEL	0.004	80	LANL Generic Plant LOAEL	0.002
DU-1	RISB-33	RISB-33-0.5-20141119	0.5 - 1	11/19/2014	Perchlorate	0.12	mg/kg	Y	40	LANL Generic Plant NOAEL	0.003	80	LANL Generic Plant LOAEL	0.002
DU-2	SA116	SA116-0.5B	0.5 - 2	9/2/2009	Perchlorate	0.09	mg/kg	Y	40	LANL Generic Plant NOAEL	0.002	80	LANL Generic Plant LOAEL	0.001
DU-1	RISB-41	RISB-41-0.5-20141121	0.5 - 1	11/21/2014	Perchlorate	0.079	mg/kg	Y	40	LANL Generic Plant NOAEL	0.002	80	LANL Generic Plant LOAEL	0.001
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5 - 1	11/21/2014	Perchlorate	0.079	mg/kg	Y	40	LANL Generic Plant NOAEL	0.002	80	LANL Generic Plant LOAEL	0.001
DU-1	SA157	SA157-0.5B	0.5 - 2	10/20/2009	Perchlorate	0.077	mg/kg	Y	40	LANL Generic Plant NOAEL	0.002	80	LANL Generic Plant LOAEL	0.001
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5 - 1.5	5/4/2010	Perchlorate	0.071	mg/kg	Y	40	LANL Generic Plant NOAEL	0.002	80	LANL Generic Plant LOAEL	0.0009
DU-1	SA157	SA157009-0.5B	0.5 - 2	10/20/2009	Perchlorate	0.067	mg/kg	Y	40	LANL Generic Plant NOAEL	0.002	80	LANL Generic Plant LOAEL	0.0008
DU-1	SA75	SA75-0.5B	0 - 1.5	7/17/2009	Perchlorate	0.06	mg/kg	Y	40	LANL Generic Plant NOAEL	0.002	80	LANL Generic Plant LOAEL	0.0008
DU-1	RIT-3-03	RIT-3-03-20141113	--	11/13/2014	Perchlorate	0.05	mg/kg	N	40	LANL Generic Plant NOAEL	0.001	80	LANL Generic Plant LOAEL	0.0006
DU-1	RISB-40	RISB-40-0.5-20141121	0.5 - 1	11/21/2014	Perchlorate	0.045	mg/kg	Y	40	LANL Generic Plant NOAEL	0.001	80	LANL Generic Plant LOAEL	0.0006
DU-2	SA02	SA2-0.5	0.5 - 2	11/3/2006	Perchlorate	0.0357	mg/kg	Y	40	LANL Generic Plant NOAEL	0.0009	80	LANL Generic Plant LOAEL	0.0004

Table G-1: Location-Specific Screening for Manganese and Perchlorate for Potential Risks to Terrestrial Plants: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Decision Unit	Location	Sample ID	Sample Depth (ft bgs)	Sample Date	Chemical Name	Result (a)	Unit	Detect	ESV	ESV Source (b)	ESV HQ	RSV	RSV Source (b)	RSV HQ
DU-2	SA156	SA156-1BPC	0.5 - 1.5	5/6/2010	Perchlorate	0.032	mg/kg	Y	40	LANL Generic Plant NOAEL	0.0008	80	LANL Generic Plant LOAEL	0.0004
DU-1	RSAN4	RSAN4-0.5B	0 - 1.5	7/8/2009	Perchlorate	0.0225	mg/kg	N	40	LANL Generic Plant NOAEL	0.0006	80	LANL Generic Plant LOAEL	0.0003
DU-2	RSAU4	RSAU4-0.5B	0.5 - 2	7/29/2009	Perchlorate	0.0225	mg/kg	N	40	LANL Generic Plant NOAEL	0.0006	80	LANL Generic Plant LOAEL	0.0003
DU-2	SA147	SA147-0.5B	0.5 - 2	8/4/2009	Perchlorate	0.0225	mg/kg	N	40	LANL Generic Plant NOAEL	0.0006	80	LANL Generic Plant LOAEL	0.0003
DU-1	RSAN3	RSAN3-0.5B	0 - 1.5	7/8/2009	Perchlorate	0.022	mg/kg	N	40	LANL Generic Plant NOAEL	0.0006	80	LANL Generic Plant LOAEL	0.0003
DU-1	RSAO7	RSAO7-9B	0 - 1.5	10/12/2009	Perchlorate	0.022	mg/kg	N	40	LANL Generic Plant NOAEL	0.0006	80	LANL Generic Plant LOAEL	0.0003
DU-1	RSAL6	RSAL6-0.5B	0 - 1.5	7/29/2009	Perchlorate	0.0215	mg/kg	N	40	LANL Generic Plant NOAEL	0.0005	80	LANL Generic Plant LOAEL	0.0003
DU-1	SA35	SA35-0.5B	0 - 0	6/10/2009	Perchlorate	0.0215	mg/kg	N	40	LANL Generic Plant NOAEL	0.0005	80	LANL Generic Plant LOAEL	0.0003
DU-1	RSAO3	RSAO3-0.5B	0 - 0	6/10/2009	Perchlorate	0.021	mg/kg	N	40	LANL Generic Plant NOAEL	0.0005	80	LANL Generic Plant LOAEL	0.0003
DU-1	SSAI3-02	SSAI3-02-14BPC	0 - 0	8/7/2010	Perchlorate	0.016	mg/kg	Y	40	LANL Generic Plant NOAEL	0.0004	80	LANL Generic Plant LOAEL	0.0002
DU-1	RISB-39	RISB-39-0.5-20141121	0.5 - 1	11/21/2014	Perchlorate	0.014	mg/kg	Y	40	LANL Generic Plant NOAEL	0.0004	80	LANL Generic Plant LOAEL	0.0002

Notes:
(a) Non-detect results presented as 1/2 the detection limit.
(b) The source of ESVs and RSVs is as follows:

For manganese: The ESV is from the Eco-SSL (Eco-SSL 2007). The toxicity value (707 mg/kg) for the less-sensitive plant species (i.e., cotton and nile grass), as provided in the USEPA (2007) Eco-SSL derivation for terrestrial plants, is used as the RSV to further to characterize risk to terrestrial plants.

For perchlorate: The LANL database contains both LOAEL and NOAEL TRVs, which are used for ESVs and RSVs, respectively. The NOAEL TRV (ESV) provides an initial screening step to characterize risk while the LOAEL TRV (RSV) provides a more realistic look at the risk.

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1000	100 < HQ

DU = Decision Unit
Eco-SSL = Ecological soil screening level (USEPA 2007)
ESV = Ecological screening value
HQ = Hazard quotient
ID = Identification
LANL = Los Alamos National Laboratory (LANL 2018)
LOAEL = Lowest observed adverse effect level
mg/kg = Milligram per kilogram
N = Not detected
NOAEL = No observed adverse effect level
Region 4 = USEPA Region 4 (USEPA 2018)
RSV = Refined screening value
USEPA = United States Environmental Protection Agency
TRV = Toxicity reference value
Y = Detected

References:

Eco-SSL ESVs and RSVs: USEPA. 2007. Ecological Soil Screening Level (Eco-SSL) Guidance and Documents. https://www.epa.gov/risk/ecological-soil-screening-level-eco-ssl-guidance-and-documents.
LANL 2020: N3B (Newport News Nuclear BWXT-Los Alamos, LLC), November 2020. "ECORISK Database (Release 4.2)," on CD, Newport News Nuclear BWXT-Los Alamos, LLC, document EM2020-0575, Los Alamos, New Mexico.

APPENDIX G-2
LOCATION-SPECIFIC SCREENING FOR MANGANESE, MERCURY, AND PERCHLORATE FOR POTENTIAL RISKS TO TERRESTRIAL INVERTEBRATES: OPERATIONS AREA

Table G-2 Location-Specific Screening for Manganese, Mercury, and Perchlorate for Potential Risks to Terrestrial Invertebrates: Operations Area

Table G-2: Location-Specific Screening for Manganese, Mercury, and Perchlorate for Potential Risks to Terrestrial Invertebrates: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Decision Unit	Location	Sample ID	Sample Depth (ft bgs)	Sample Date	Chemical Name	Result (a)	Unit	Detect	ESV	ESV Source (b)	ESV HQ	RSV	RSV Source (b)	RSV HQ
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	11/13/2014	Manganese	250,000	mg/kg	Y	450	Eco-SSL Invert	600	1209	Eco-SSL Invert	200
DU-1	RIT-3-03	RIT-3-03-20141113	--	11/13/2014	Manganese	220,000	mg/kg	Y	450	Eco-SSL Invert	500	1209	Eco-SSL Invert	200
DU-1	SA180	SA180-2BPC	0.5 - 1.5	5/26/2010	Manganese	12,000	mg/kg	Y	450	Eco-SSL Invert	30	1209	Eco-SSL Invert	10
DU-1	DS-C45-2	DS-C45-3	0 - 0	8/3/2011	Manganese	12,000	mg/kg	Y	450	Eco-SSL Invert	30	1209	Eco-SSL Invert	10
DU-1	DS-C45-2	DS-C45-2	0 - 0	8/3/2011	Manganese	11,600	mg/kg	Y	450	Eco-SSL Invert	30	1209	Eco-SSL Invert	10
DU-1	RIT-2-02	RIT-2-02-20141112	--	11/12/2014	Manganese	9,600	mg/kg	Y	450	Eco-SSL Invert	20	1209	Eco-SSL Invert	8
DU-1	RSAO8	RSAO8-11.5B	0 - 1	9/14/2009	Manganese	9,010	mg/kg	Y	450	Eco-SSL Invert	20	1209	Eco-SSL Invert	7
DU-1	SSAO7-04	SSAO7-04-0BPC	0 - 0.5	9/8/2010	Manganese	6,700	mg/kg	Y	450	Eco-SSL Invert	10	1209	Eco-SSL Invert	6
DU-1	SA57	SA57-5BPC	0 - 1	5/25/2010	Manganese	5,000	mg/kg	Y	450	Eco-SSL Invert	10	1209	Eco-SSL Invert	4
DU-1	SA180	SA180-0.5B	0 - 0.5	6/26/2008	Manganese	4,940	mg/kg	Y	450	Eco-SSL Invert	10	1209	Eco-SSL Invert	4
DU-1	RISB-37	RISB-37-0.5-20141117	0.5 - 1	11/17/2014	Manganese	3,600	mg/kg	Y	450	Eco-SSL Invert	8	1209	Eco-SSL Invert	3
DU-1	RIT-3-05	RIT-3-05-20141113	--	11/13/2014	Manganese	3,100	mg/kg	Y	450	Eco-SSL Invert	7	1209	Eco-SSL Invert	3
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	11/12/2014	Manganese	2,500	mg/kg	Y	450	Eco-SSL Invert	6	1209	Eco-SSL Invert	2
DU-1	SSAO7-07	SSAO7-07-1_01_BPC	0 - 1	10/27/2010	Manganese	2,500	mg/kg	Y	450	Eco-SSL Invert	6	1209	Eco-SSL Invert	2
DU-1	SSAO8-08	SSAO8-08-0BPC	0 - 1	9/27/2010	Manganese	2,300	mg/kg	Y	450	Eco-SSL Invert	5	1209	Eco-SSL Invert	2
DU-1	RISB-15	RISB-15-0.5-20141031	0.5 - 1	10/31/2014	Manganese	2,300	mg/kg	Y	450	Eco-SSL Invert	5	1209	Eco-SSL Invert	2
DU-1	RIT-2-03	RIT-2-03-20141112	--	11/12/2014	Manganese	2,100	mg/kg	Y	450	Eco-SSL Invert	5	1209	Eco-SSL Invert	2
DU-1	RIT-1-05	RIT-1-05-20141112	--	11/12/2014	Manganese	2,000	mg/kg	Y	450	Eco-SSL Invert	4	1209	Eco-SSL Invert	2
DU-1	RISB-29	RISB-29-0.5-20141027	0.5 - 1	10/27/2014	Manganese	2,000	mg/kg	Y	450	Eco-SSL Invert	4	1209	Eco-SSL Invert	2
DU-1	RISB-27	RISB-27-0.5-20141024	0.5 - 1	10/24/2014	Manganese	2,000	mg/kg	Y	450	Eco-SSL Invert	4	1209	Eco-SSL Invert	2
DU-1	SA158	SA158-0.5B	0 - 1.5	6/17/2009	Manganese	1,880	mg/kg	Y	450	Eco-SSL Invert	4	1209	Eco-SSL Invert	2
DU-1	RISB-12	RISB-12-0.5-20141215	0.5 - 1	12/15/2014	Manganese	1,700	mg/kg	Y	450	Eco-SSL Invert	4	1209	Eco-SSL Invert	**1**
DU-1	SSAO8-06	SSAO8-06-3_01_BPC	0 - 1	10/27/2010	Manganese	1,700	mg/kg	Y	450	Eco-SSL Invert	4	1209	Eco-SSL Invert	**1**
DU-1	SSAO7-02	SSAO7-02-1BPC	0.5 - 1.5	4/22/2010	Manganese	1,600	mg/kg	Y	450	Eco-SSL Invert	4	1209	Eco-SSL Invert	**1**
DU-1	SSAO7-08	SSAO7-08-1_01_BPC	0 - 1	10/27/2010	Manganese	1,600	mg/kg	Y	450	Eco-SSL Invert	4	1209	Eco-SSL Invert	**1**
DU-1	SA157	SA157-0.5B	0.5 - 2	10/20/2009	Manganese	1,550	mg/kg	Y	450	Eco-SSL Invert	3	1209	Eco-SSL Invert	**1**
DU-3	SA165	SA165-2BPC	0.5 - 1.5	4/15/2010	Manganese	1,500	mg/kg	Y	450	Eco-SSL Invert	3	1209	Eco-SSL Invert	**1**
DU-1	RIT-1-04	RIT-1-04-20141112	--	11/12/2014	Manganese	1,400	mg/kg	Y	450	Eco-SSL Invert	3	1209	Eco-SSL Invert	**1**
DU-1	SA92	SA92-0.5B	0 - 0	6/17/2009	Manganese	1,340	mg/kg	Y	450	Eco-SSL Invert	3	1209	Eco-SSL Invert	**1**
DU-1	RSAO7	RSAO7-9B	0 - 1.5	10/12/2009	Manganese	1,330	mg/kg	Y	450	Eco-SSL Invert	3	1209	Eco-SSL Invert	**1**
DU-1	RIT-1-02	RIT-1-02-20141111	--	11/11/2014	Manganese	1,300	mg/kg	Y	450	Eco-SSL Invert	3	1209	Eco-SSL Invert	**1**
DU-1	RISB-16	RISB-16-0.5-20141029	0.5 - 1	10/29/2014	Manganese	1,300	mg/kg	Y	450	Eco-SSL Invert	3	1209	Eco-SSL Invert	**1**
DU-2	SA07	SA7-0.5	0.5 - 2	11/20/2006	Manganese	1,290	mg/kg	Y	450	Eco-SSL Invert	3	1209	Eco-SSL Invert	**1**
DU-1	RIT-2-05	RIT-2-05-20141113	--	11/13/2014	Manganese	1,200	mg/kg	Y	450	Eco-SSL Invert	3	1209	Eco-SSL Invert	**1**
DU-1	RISB-18	RISB-18-0.5-20141027	0.5 - 1	10/27/2014	Manganese	1,200	mg/kg	Y	450	Eco-SSL Invert	3	1209	Eco-SSL Invert	**1**
DU-1	RISB-14	RISB-14-0.5-20141216	0.5 - 1	12/16/2014	Manganese	1,200	mg/kg	Y	450	Eco-SSL Invert	3	1209	Eco-SSL Invert	**1**
DU-1	RISB-28	RISB-28-0.5-20141024	0.5 - 1	10/24/2014	Manganese	1,000	mg/kg	Y	450	Eco-SSL Invert	2	1209	Eco-SSL Invert	0.8
DU-1	RISB-40	RISB-40-0.5-20141121	0.5 - 1	11/21/2014	Manganese	980	mg/kg	Y	450	Eco-SSL Invert	2	1209	Eco-SSL Invert	0.8
DU-1	RIT-1-03	RIT-1-03-20141112	--	11/12/2014	Manganese	970	mg/kg	Y	450	Eco-SSL Invert	2	1209	Eco-SSL Invert	0.8
DU-1	RISB-19	RISB-19-0.5-20141027	0.5 - 1	10/27/2014	Manganese	960	mg/kg	Y	450	Eco-SSL Invert	2	1209	Eco-SSL Invert	0.8
DU-1	RIT-2-04	RIT-2-04-20141113	--	11/13/2014	Manganese	890	mg/kg	Y	450	Eco-SSL Invert	2	1209	Eco-SSL Invert	0.7
DU-1	RISB-31	RISB-31-0.5-20141119	0.5 - 1	11/19/2014	Manganese	890	mg/kg	Y	450	Eco-SSL Invert	2	1209	Eco-SSL Invert	0.7
DU-1	RISB-30	RISB-30-0.5-20141118	0.5 - 1	11/18/2014	Manganese	840	mg/kg	Y	450	Eco-SSL Invert	2	1209	Eco-SSL Invert	0.7
DU-1	SA185	SA185-0.5B	0.5 - 2	6/29/2009	Manganese	833	mg/kg	Y	450	Eco-SSL Invert	2	1209	Eco-SSL Invert	0.7
DU-1	RIT-3-04	RIT-3-04-20141113	--	11/13/2014	Manganese	810	mg/kg	Y	450	Eco-SSL Invert	2	1209	Eco-SSL Invert	0.7
DU-1	SA43	SA43-4BPC	0 - 0.5	4/14/2010	Manganese	810	mg/kg	Y	450	Eco-SSL Invert	2	1209	Eco-SSL Invert	0.7
DU-1	M-162D	M-162D-0.5-20141209	0.5 - 1	12/9/2014	Manganese	810	mg/kg	Y	450	Eco-SSL Invert	2	1209	Eco-SSL Invert	0.7
DU-1	SA44	SA44-5BPC	0 - 1	5/26/2010	Manganese	800	mg/kg	Y	450	Eco-SSL Invert	2	1209	Eco-SSL Invert	0.7
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0 - 1	4/8/2010	Manganese	800	mg/kg	Y	450	Eco-SSL Invert	2	1209	Eco-SSL Invert	0.7
DU-1	SSAO7-06	SSAO7-06-0BPC	0 - 1	9/27/2010	Manganese	790	mg/kg	Y	450	Eco-SSL Invert	2	1209	Eco-SSL Invert	0.7
DU-1	SSAO7-01	SSAO7-01-1BPC	0 - 1	4/8/2010	Manganese	790	mg/kg	Y	450	Eco-SSL Invert	2	1209	Eco-SSL Invert	0.7
DU-1	RISB-09	RISB-09-0.5-20141211	0.5 - 1	12/11/2014	Manganese	740	mg/kg	Y	450	Eco-SSL Invert	2	1209	Eco-SSL Invert	0.6
DU-1	DS-D27-1	DS-D27-1	0.5 - 0.5	4/14/2011	Manganese	740	mg/kg	Y	450	Eco-SSL Invert	2	1209	Eco-SSL Invert	0.6
DU-1	RISB-13	RISB-13-0.5-20141217	0.5 - 1	12/17/2014	Manganese	690	mg/kg	Y	450	Eco-SSL Invert	2	1209	Eco-SSL Invert	0.6
DU-1	SA145	SA145-0.5B	0 - 1.5	6/12/2009	Manganese	665	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.6
DU-1	SA71	SA71-0.5B	0.5 - 2	6/16/2009	Manganese	660	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5
DU-1	RSAL6	RSAL6-0.5B	0 - 1.5	7/29/2009	Manganese	652	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5
DU-1	RISB-41	RISB-41-0.5-20141121	0.5 - 1	11/21/2014	Manganese	650	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5
DU-1	M-116	M116-0.5_03/12/2006	0.5 - 1.5	3/12/2006	Manganese	644	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5

Table G-2: Location-Specific Screening for Manganese, Mercury, and Perchlorate for Potential Risks to Terrestrial Invertebrates: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Decision Unit	Location	Sample ID	Sample Depth (ft bgs)	Sample Date	Chemical Name	Result (a)	Unit	Detect	ESV	ESV Source (b)	ESV HQ	RSV	RSV Source (b)	RSV HQ
DU-1	RSAM8	RSAM8-0.5B	0 - 1	6/12/2009	Manganese	615	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5
DU-1	RSAL4	RSAL4-0.5B	0.5 - 2	7/7/2009	Manganese	612	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5
DU-1	RISB-25	RISB-25-0.5-20141023	0.5 - 1	10/23/2014	Manganese	600	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5
DU-1	RISB-34	RISB-34-0.5-20141119	0.5 - 1	11/19/2014	Manganese	600	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5
DU-1	SA173	SA173-0.5B	0.5 - 2	7/27/2009	Manganese	597	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5
DU-1	SA166	SA166-0.5B	0.5 - 1.5	6/11/2009	Manganese	587	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5
DU-1	SA85	SA85-0.5B	0.5 - 2	6/16/2009	Manganese	577	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5
DU-1	SA62	SA62-0.5B	0.5 - 2	6/16/2009	Manganese	576	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5
DU-1	SSAN7-06	SSAN7-06-0BPC	0 - 0.5	9/7/2010	Manganese	560	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5 - 1	11/21/2014	Manganese	560	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5
DU-1	RSAI7	RSAI7-0.5B	0 - 0.5	7/11/2008	Manganese	559	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5
DU-1	RSAL5	RSAL5-0.5B	0.5 - 2	7/15/2009	Manganese	551	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5
DU-1	RISB-39	RISB-39-0.5-20141121	0.5 - 1	11/21/2014	Manganese	550	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5
DU-1	RSAM6	RSAM6-0.5B	0.5 - 2	6/18/2009	Manganese	550	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5
DU-1	RISB-32	RISB-32-0.5-20141120	0.5 - 1	11/20/2014	Manganese	550	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5
DU-1	RISB-47	RISB-47-0.5-20141120	0.5 - 1	11/20/2014	Manganese	550	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5
DU-1	RISB-10	RISB-10-0.5-20141215	0.5 - 1	12/15/2014	Manganese	550	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.5
DU-1	RISB-36	RISB-36-0.5-20141118	0.5 - 1	11/18/2014	Manganese	540	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-2	SA103	SA103-0.5B	0.5 - 2.5	10/6/2009	Manganese	532	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	SA157	SA157009-0.5B	0.5 - 2	10/20/2009	Manganese	508	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	RSAO2	RSAO2-0.5B	0.5 - 2	7/9/2008	Manganese	506	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	RIT-3-02	RIT-3-02-20141113	--	11/13/2014	Manganese	500	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	SA43	SA43-5BPC	0.5 - 1.5	4/14/2010	Manganese	500	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	RISB-17	RISB-17-0.5-20141028	0.5 - 1	10/28/2014	Manganese	500	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	M-161D	M-161D-0.5-20141203	0.5 - 1	12/3/2014	Manganese	500	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-2	RSAS3	RSAS3-0.5B	0.5 - 2	8/26/2009	Manganese	497	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	RSAL8	RSAL8-0.5B	0.5 - 1.5	6/5/2009	Manganese	495	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	CS-C10B-1	CS-C10B-1	0 - 0	7/28/2011	Manganese	490	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	RSAJ5	RSAJ5-0.5B	0.5 - 2	6/2/2009	Manganese	475	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	SA73	SA73-0.5B	0 - 1.5	7/29/2009	Manganese	474	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	SSAN7-07	SSAN7-07-0BPC	0 - 0.5	9/7/2010	Manganese	470	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	SA141	SA141009-14B	0 - 1.5	10/15/2009	Manganese	461	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	RISB-48	RISB-48-0.5-20141120	0.5 - 1	11/20/2014	Manganese	460	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	RISB-21	RISB-21-0.5-20141031	0.5 - 1	10/31/2014	Manganese	460	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	SA189	SA189-0.5B	0.5 - 2	6/4/2009	Manganese	456	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-2	SA28	SA28-0.5B	0.5 - 2	8/3/2009	Manganese	455	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	SSAN8-01	SSAN8-01-2BPC	0 - 1	5/4/2010	Manganese	450	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	RSAM4	RSAM4-0.5B	0.5 - 2	7/8/2009	Manganese	448	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	RSAI5	RSAI5-0.5B	0.5 - 2	7/24/2009	Manganese	447	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	SA171	SA171-5B	0 - 1.5	10/19/2009	Manganese	443	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	SSAO8-05	SSAO8-05-0BPC	0 - 1	9/27/2010	Manganese	440	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	RISB-01	RISB-1-0.5-20181218	0.5 - 1	12/18/2018	Manganese	440	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	CS-C01-2	CS-C01-2	0.5 - 0.5	4/20/2011	Manganese	440	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	RSAN3	RSAN3-0.5B	0 - 1.5	7/8/2009	Manganese	439	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	RSAM7	RSAM7-0.5B	0 - 1.5	6/18/2009	Manganese	437	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	RIT-2-01	RIT-2-01-20141112	--	11/12/2014	Manganese	430	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	SSAO8-09	SSAO8-09-1_01_BPC	0 - 1	10/27/2010	Manganese	430	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	0.5 - 1.5	8/16/2010	Manganese	430	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	0 - 0	8/16/2010	Manganese	430	mg/kg	Y	450	Eco-SSL Invert	**1**	1209	Eco-SSL Invert	0.4
DU-1	SA176	SA176-0.5B	0 - 1	6/10/2009	Manganese	426	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.4
DU-1	SA67	SA67-0.5B	0.5 - 2	7/7/2008	Manganese	426	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.4
DU-1	RSAL4	RSAL4009-0.5B	0.5 - 2	7/7/2009	Manganese	424	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.4
DU-1	SA72	SA72-0.5B	0.5 - 2	7/27/2009	Manganese	418	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-1	RISB-23	RISB-23-0.5-20141028	0.5 - 1	10/28/2014	Manganese	410	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	0 - 1	8/13/2010	Manganese	410	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	0.5 - 1.5	8/13/2010	Manganese	410	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-1	RSAK6	RSAK6-0.5B	0 - 1	6/5/2009	Manganese	409	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-1	RSAK4	RSAK4-0.5B	0.5 - 1.5	6/11/2009	Manganese	409	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-1	SA55	SA55-0.5B	0.5 - 1.5	6/10/2009	Manganese	407	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3

Table G-2: Location-Specific Screening for Manganese, Mercury, and Perchlorate for Potential Risks to Terrestrial Invertebrates: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Decision Unit	Location	Sample ID	Sample Depth (ft bgs)	Sample Date	Chemical Name	Result (a)	Unit	Detect	ESV	ESV Source (b)	ESV HQ	RSV	RSV Source (b)	RSV HQ
DU-1	RSAO6	RSAO6-0.5B	0 - 0.5	6/24/2009	Manganese	406	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-1	SA75	SA75-0.5B	0 - 1.5	7/17/2009	Manganese	406	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-1	SA141	SA141-14B	0 - 1.5	10/15/2009	Manganese	404	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-1	RSAN5	RSAN5-0.5B	0.5 - 2	6/23/2009	Manganese	403	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-2	RSAT6	RSAT6-0.5B	0.5 - 2	8/28/2009	Manganese	402	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-2	RSAU5	RSAU5-0.5B	0.5 - 2	8/5/2009	Manganese	400	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-1	RSAL7	RSAL7-0.5B	0.5 - 1.5	6/5/2009	Manganese	398	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-1	RSAN4	RSAN4-0.5B	0 - 1.5	7/8/2009	Manganese	397	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-1	SA20	SA20-0.5D	0 - 1.5	11/16/2006	Manganese	396	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-1	SA173	SA173009-0.5B	0.5 - 2	7/27/2009	Manganese	396	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-1	RSAI4	RSAI4-0.5B	0.5 - 2	7/24/2009	Manganese	394	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-2	TSB-GR-02	TSB-GR-02-0	0 - 1.5	11/19/2007	Manganese	393	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-1	RISB-33	RISB-33-0.5-20141119	0.5 - 1	11/19/2014	Manganese	390	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	0 - 0	8/16/2010	Manganese	390	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-3	SA65	SA65-10B	0 - 0	8/25/2009	Manganese	390	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-2	SA121	SA121009-0.5B	0.5 - 2	9/25/2009	Manganese	387	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-1	SA35	SA35-0.5B	0 - 0	6/10/2009	Manganese	385	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-2	RSAS3	RSAS3009-0.5B	0.5 - 2	8/26/2009	Manganese	384	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-1	RSAK4	RSAK4009-0.5B	0.5 - 2	6/11/2009	Manganese	383	mg/kg	Y	450	Eco-SSL Invert	0.9	1209	Eco-SSL Invert	0.3
DU-2	SA147	SA147-0.5B	0.5 - 2	8/4/2009	Manganese	382	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-1	SA102	SA102-1.5BR	0 - 0.5	12/16/2009	Manganese	381	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-1	RIT-1-01	RIT-1-01-20141111	--	11/11/2014	Manganese	380	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	0 - 1	8/16/2010	Manganese	380	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-1	RSAO3	RSAO3-0.5B	0 - 0	6/10/2009	Manganese	374	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-2	RSAP7	RSAP7-0.5B	0.5 - 2	10/27/2009	Manganese	372	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-3	SA64	SA64-0.5B	0 - 1.5	6/19/2009	Manganese	372	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-1	SA69	SA69-0.5B	0.5 - 2	7/7/2009	Manganese	371	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-1	SA102	SA102-1BR	0 - 0	12/16/2009	Manganese	370	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5 - 1	3/9/2017	Manganese	370	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-1	CS-DC-1	CS-DC-1	0 - 0	5/3/2011	Manganese	368	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-2	TSB-GJ-03	TSB-GJ-03-0	0 - 1.5	11/19/2007	Manganese	366	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-2	SA146	SA146-0.5B	0.5 - 2	8/4/2009	Manganese	364	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-3	SA16	SA16-0.5	0 - 0	11/9/2006	Manganese	361	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-1	RISB-35	RISB-35-0.5-20141119	0.5 - 1	11/19/2014	Manganese	360	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-1	SA114	SA114-1BR	0 - 0	12/16/2009	Manganese	355	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-2	SA121	SA121-0.5B	0.5 - 2	9/25/2009	Manganese	355	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5 - 1	3/6/2017	Manganese	350	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-1	RISB-11	RISB-11-0.5-20141217	0.5 - 1	12/17/2014	Manganese	350	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-1	SA179	SA179-0.5B	0.5 - 2	7/28/2009	Manganese	346	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-1	SA152	SA152-0.5B	0 - 1.5	6/4/2009	Manganese	346	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-1	SA74	SA74009-0.5B	0 - 1.5	7/15/2009	Manganese	344	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0 - 1.5	11/19/2007	Manganese	341	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-1	RSAO5	RSAO5-0.5B	0.5 - 2	6/29/2009	Manganese	340	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-1	SA50	SA50-0.5B	0 - 0	6/30/2009	Manganese	340	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	0 - 1	8/17/2010	Manganese	340	mg/kg	Y	450	Eco-SSL Invert	0.8	1209	Eco-SSL Invert	0.3
DU-2	SA116	SA116-0.5B	0.5 - 2	9/2/2009	Manganese	336	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.3
DU-2	RSAQ6	RSAQ6-0.5B	0 - 0	9/11/2009	Manganese	333	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.3
DU-1	RIT-3-01	RIT-3-01-20141113	--	11/13/2014	Manganese	330	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.3
DU-2	SA138	SA138-0.5B	0.5 - 2.5	10/6/2009	Manganese	326	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.3
DU-2	SA02	SA2-0.5	0.5 - 2	11/3/2006	Manganese	325	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.3
DU-3	SA197	SA197-0.5B	0 - 1.5	6/19/2009	Manganese	321	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.3
DU-1	SA74	SA74-0.5B	0 - 1.5	7/15/2009	Manganese	320	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.3
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0 - 1.5	11/19/2007	Manganese	320	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.3
DU-1	SA151	SA151-0.5B	0.5 - 2	9/17/2009	Manganese	316	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.3
DU-1	SA186	SA186-0.5B	0.5 - 2	6/29/2009	Manganese	315	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.3
DU-1	SA114	SA114-1.5BR	0 - 0.5	12/16/2009	Manganese	312	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.3
DU-1	SA09	SA09-5BPC	0 - 1	5/24/2010	Manganese	310	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.3
DU-1	SA87	SA87-0.5B	0.5 - 2	6/25/2008	Manganese	310	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.3
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	0 - 0	8/16/2010	Manganese	310	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.3

Table G-2: Location-Specific Screening for Manganese, Mercury, and Perchlorate for Potential Risks to Terrestrial Invertebrates: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Decision Unit	Location	Sample ID	Sample Depth (ft bgs)	Sample Date	Chemical Name	Result (a)	Unit	Detect	ESV	ESV Source (b)	ESV HQ	RSV	RSV Source (b)	RSV HQ
DU-2	SA31	SA31-0.5B	0.5 - 2	9/9/2009	Manganese	309	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.3
DU-1	SA152	SA152009-0.5B	0 - 1.5	6/4/2009	Manganese	305	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.3
DU-1	SA20	SA20-0.5	0 - 1.5	11/16/2006	Manganese	304	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.3
DU-2	TSB-GJ-04	TSB-GJ-04-0	0 - 1.5	11/19/2007	Manganese	302	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.2
DU-1	SA114	SA114009-1BR	0 - 0	12/16/2009	Manganese	301	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.2
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5 - 1	2/25/2017	Manganese	300	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.2
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5 - 1	3/11/2017	Manganese	300	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.2
DU-2	RSAQ7	RSAQ7-0.5B	0.5 - 2	10/27/2009	Manganese	298	mg/kg	Y	450	Eco-SSL Invert	0.7	1209	Eco-SSL Invert	0.2
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5 - 1	3/12/2017	Manganese	290	mg/kg	Y	450	Eco-SSL Invert	0.6	1209	Eco-SSL Invert	0.2
DU-1	SA18	SA18-0.5	0 - 1.5	11/15/2006	Manganese	288	mg/kg	Y	450	Eco-SSL Invert	0.6	1209	Eco-SSL Invert	0.2
DU-2	TSB-GJ-05	TSB-GJ-05-0	0 - 1.5	11/19/2007	Manganese	286	mg/kg	Y	450	Eco-SSL Invert	0.6	1209	Eco-SSL Invert	0.2
DU-1	SA19	SA19-0.5	0 - 1.5	11/16/2006	Manganese	275	mg/kg	Y	450	Eco-SSL Invert	0.6	1209	Eco-SSL Invert	0.2
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5 - 1	12/18/2018	Manganese	270	mg/kg	Y	450	Eco-SSL Invert	0.6	1209	Eco-SSL Invert	0.2
DU-1	RISB-26	RISB-26-0.5-20141023	0.5 - 1	10/23/2014	Manganese	270	mg/kg	Y	450	Eco-SSL Invert	0.6	1209	Eco-SSL Invert	0.2
DU-1	SA21	SA21-0.5	0.5 - 2	11/15/2006	Manganese	269	mg/kg	Y	450	Eco-SSL Invert	0.6	1209	Eco-SSL Invert	0.2
DU-1	RSAM2	RSAM2-0.5B	0.5 - 2	6/3/2009	Manganese	263	mg/kg	Y	450	Eco-SSL Invert	0.6	1209	Eco-SSL Invert	0.2
DU-2	SA212	SA212-0.5B	0.5 - 2	9/28/2009	Manganese	262	mg/kg	Y	450	Eco-SSL Invert	0.6	1209	Eco-SSL Invert	0.2
DU-3	TSB-GJ-02	TSB-GJ-02-0	0 - 1.5	11/19/2007	Manganese	262	mg/kg	Y	450	Eco-SSL Invert	0.6	1209	Eco-SSL Invert	0.2
DU-1	SA11	SA11-0.5D	0 - 0	11/9/2006	Manganese	261	mg/kg	Y	450	Eco-SSL Invert	0.6	1209	Eco-SSL Invert	0.2
DU-1	RISB-03	RISB-3-0.5-20181218	0.5 - 1	12/18/2018	Manganese	260	mg/kg	Y	450	Eco-SSL Invert	0.6	1209	Eco-SSL Invert	0.2
DU-1	RISB-04	RISB-4-0.5-20181218	0.5 - 1	12/18/2018	Manganese	260	mg/kg	Y	450	Eco-SSL Invert	0.6	1209	Eco-SSL Invert	0.2
DU-1	RISB-24	RISB-24-0.5-20141027	0.5 - 1	10/27/2014	Manganese	260	mg/kg	Y	450	Eco-SSL Invert	0.6	1209	Eco-SSL Invert	0.2
DU-1	SA11	SA11-0.5	0 - 0	11/9/2006	Manganese	250	mg/kg	Y	450	Eco-SSL Invert	0.6	1209	Eco-SSL Invert	0.2
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5 - 1	3/12/2017	Manganese	250	mg/kg	Y	450	Eco-SSL Invert	0.6	1209	Eco-SSL Invert	0.2
DU-1	SA12	SA12-0.5	0 - 0	11/10/2006	Manganese	248	mg/kg	Y	450	Eco-SSL Invert	0.6	1209	Eco-SSL Invert	0.2
DU-3	SA15	SA15-10	0 - 0.5	11/8/2006	Manganese	239	mg/kg	Y	450	Eco-SSL Invert	0.5	1209	Eco-SSL Invert	0.2
DU-3	SA15	SA15-10D	0 - 0.5	11/8/2006	Manganese	230	mg/kg	Y	450	Eco-SSL Invert	0.5	1209	Eco-SSL Invert	0.2
DU-1	SA18	SA18-0.5D	0 - 1.5	11/15/2006	Manganese	228	mg/kg	Y	450	Eco-SSL Invert	0.5	1209	Eco-SSL Invert	0.2
DU-1	RISB-05	RISB-5-0.5-20181218	0.5 - 1	12/18/2018	Manganese	220	mg/kg	Y	450	Eco-SSL Invert	0.5	1209	Eco-SSL Invert	0.2
DU-1	RISB-20	RISB-20-0.5-20141029	0.5 - 1	10/29/2014	Manganese	210	mg/kg	Y	450	Eco-SSL Invert	0.5	1209	Eco-SSL Invert	0.2
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5 - 1	3/10/2017	Manganese	200	mg/kg	Y	450	Eco-SSL Invert	0.4	1209	Eco-SSL Invert	0.2
DU-1	RISB-02	RISB-2-0.5-20181218	0.5 - 1	12/18/2018	Manganese	180	mg/kg	Y	450	Eco-SSL Invert	0.4	1209	Eco-SSL Invert	0.1
DU-3	SA128	SA128-10B	0 - 1.5	9/16/2009	Manganese	167	mg/kg	Y	450	Eco-SSL Invert	0.4	1209	Eco-SSL Invert	0.1
DU-1	RISB-22	RISB-22-0.5-20141029	0.5 - 1	10/29/2014	Manganese	160	mg/kg	Y	450	Eco-SSL Invert	0.4	1209	Eco-SSL Invert	0.1
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5 - 1	3/8/2017	Manganese	130	mg/kg	Y	450	Eco-SSL Invert	0.3	1209	Eco-SSL Invert	0.1
DU-1	DS-DB-1	DS-DB-2	0 - 0	4/20/2011	Manganese	77.6	mg/kg	Y	450	Eco-SSL Invert	0.2	1209	Eco-SSL Invert	0.06
DU-1	DS-DB-1	DS-DB-1	0 - 0	4/20/2011	Manganese	77.1	mg/kg	Y	450	Eco-SSL Invert	0.2	1209	Eco-SSL Invert	0.06
DU-1	RIT-2-02	RIT-2-02-20141112	--	11/12/2014	Mercury	1.8	mg/kg	Y	0.05	USEPA Region 4 Invert	40	0.6	Conder et al. (2015)	3
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5 - 1	3/6/2017	Mercury	0.85	mg/kg	Y	0.05	USEPA Region 4 Invert	20	0.6	Conder et al. (2015)	**1**
DU-1	RISB-48	RISB-48-0.5-20141120	0.5 - 1	11/20/2014	Mercury	0.4	mg/kg	Y	0.05	USEPA Region 4 Invert	8	0.6	Conder et al. (2015)	0.7
DU-1	M-162D	M-162D-0.5-20141209	0.5 - 1	12/9/2014	Mercury	0.28	mg/kg	Y	0.05	USEPA Region 4 Invert	6	0.6	Conder et al. (2015)	0.5
DU-3	SA165	SA165-2BPC	0.5 - 1.5	4/15/2010	Mercury	0.31	mg/kg	Y	0.05	USEPA Region 4 Invert	6	0.6	Conder et al. (2015)	0.5
DU-1	RIT-2-01	RIT-2-01-20141112	--	11/12/2014	Mercury	0.23	mg/kg	Y	0.05	USEPA Region 4 Invert	5	0.6	Conder et al. (2015)	0.4
DU-1	RIT-2-04	RIT-2-04-20141113	--	11/13/2014	Mercury	0.24	mg/kg	Y	0.05	USEPA Region 4 Invert	5	0.6	Conder et al. (2015)	0.4
DU-1	RISB-39	RISB-39-0.5-20141121	0.5 - 1	11/21/2014	Mercury	0.26	mg/kg	Y	0.05	USEPA Region 4 Invert	5	0.6	Conder et al. (2015)	0.4
DU-1	RISB-37	RISB-37-0.5-20141117	0.5 - 1	11/17/2014	Mercury	0.24	mg/kg	Y	0.05	USEPA Region 4 Invert	5	0.6	Conder et al. (2015)	0.4
DU-1	RIT-3-05	RIT-3-05-20141113	--	11/13/2014	Mercury	0.23	mg/kg	Y	0.05	USEPA Region 4 Invert	5	0.6	Conder et al. (2015)	0.4
DU-1	RISB-41	RISB-41-0.5-20141121	0.5 - 1	11/21/2014	Mercury	0.21	mg/kg	Y	0.05	USEPA Region 4 Invert	4	0.6	Conder et al. (2015)	0.4
DU-1	SA102	SA102-1.5BR	0 - 0.5	12/16/2009	Mercury	0.182	mg/kg	Y	0.05	USEPA Region 4 Invert	4	0.6	Conder et al. (2015)	0.3
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	11/13/2014	Mercury	0.089	mg/kg	Y	0.05	USEPA Region 4 Invert	2	0.6	Conder et al. (2015)	0.1
DU-1	RIT-1-03	RIT-1-03-20141112	--	11/12/2014	Mercury	0.09	mg/kg	Y	0.05	USEPA Region 4 Invert	2	0.6	Conder et al. (2015)	0.2
DU-1	RISB-14	RISB-14-0.5-20141216	0.5 - 1	12/16/2014	Mercury	0.077	mg/kg	Y	0.05	USEPA Region 4 Invert	2	0.6	Conder et al. (2015)	0.1
DU-1	RIT-1-04	RIT-1-04-20141112	--	11/12/2014	Mercury	0.1	mg/kg	Y	0.05	USEPA Region 4 Invert	2	0.6	Conder et al. (2015)	0.2
DU-1	RIT-3-03	RIT-3-03-20141113	--	11/13/2014	Mercury	0.1	mg/kg	Y	0.05	USEPA Region 4 Invert	2	0.6	Conder et al. (2015)	0.2
DU-1	RIT-1-02	RIT-1-02-20141111	--	11/11/2014	Mercury	0.087	mg/kg	Y	0.05	USEPA Region 4 Invert	2	0.6	Conder et al. (2015)	0.1
DU-1	RIT-3-04	RIT-3-04-20141113	--	11/13/2014	Mercury	0.081	mg/kg	Y	0.05	USEPA Region 4 Invert	2	0.6	Conder et al. (2015)	0.1
DU-1	RISB-31	RISB-31-0.5-20141119	0.5 - 1	11/19/2014	Mercury	0.081	mg/kg	Y	0.05	USEPA Region 4 Invert	2	0.6	Conder et al. (2015)	0.1
DU-1	SA114	SA114009-1BR	0 - 0	12/16/2009	Mercury	0.101	mg/kg	Y	0.05	USEPA Region 4 Invert	2	0.6	Conder et al. (2015)	0.2
DU-1	RISB-15	RISB-15-0.5-20141031	0.5 - 1	10/31/2014	Mercury	0.055	mg/kg	Y	0.05	USEPA Region 4 Invert	**1**	0.6	Conder et al. (2015)	0.09

Table G-2: Location-Specific Screening for Manganese, Mercury, and Perchlorate for Potential Risks to Terrestrial Invertebrates: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Decision Unit	Location	Sample ID	Sample Depth (ft bgs)	Sample Date	Chemical Name	Result (a)	Unit	Detect	ESV	ESV Source (b)	ESV HQ	RSV	RSV Source (b)	RSV HQ
DU-1	RISB-34	RISB-34-0.5-20141119	0.5 - 1	11/19/2014	Mercury	0.063	mg/kg	Y	0.05	USEPA Region 4 Invert	**1**	0.6	Conder et al. (2015)	0.1
DU-1	SA92	SA92-0.5B	0 - 0	6/17/2009	Mercury	0.054	mg/kg	Y	0.05	USEPA Region 4 Invert	**1**	0.6	Conder et al. (2015)	0.09
DU-1	M-116	M116-0.5_03/12/2006	0.5 - 1.5	3/12/2006	Mercury	0.053	mg/kg	N	0.05	USEPA Region 4 Invert	**1**	0.6	Conder et al. (2015)	0.09
DU-1	RISB-33	RISB-33-0.5-20141119	0.5 - 1	11/19/2014	Mercury	0.072	mg/kg	Y	0.05	USEPA Region 4 Invert	**1**	0.6	Conder et al. (2015)	0.1
DU-1	RIT-3-01	RIT-3-01-20141113	--	11/13/2014	Mercury	0.05	mg/kg	Y	0.05	USEPA Region 4 Invert	**1**	0.6	Conder et al. (2015)	0.08
DU-1	RISB-29	RISB-29-0.5-20141027	0.5 - 1	10/27/2014	Mercury	0.049	mg/kg	Y	0.05	USEPA Region 4 Invert	**1**	0.6	Conder et al. (2015)	0.08
DU-1	RIT-3-02	RIT-3-02-20141113	--	11/13/2014	Mercury	0.069	mg/kg	Y	0.05	USEPA Region 4 Invert	**1**	0.6	Conder et al. (2015)	0.1
DU-1	RIT-2-03	RIT-2-03-20141112	--	11/12/2014	Mercury	0.071	mg/kg	Y	0.05	USEPA Region 4 Invert	**1**	0.6	Conder et al. (2015)	0.1
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	11/12/2014	Mercury	0.062	mg/kg	Y	0.05	USEPA Region 4 Invert	**1**	0.6	Conder et al. (2015)	0.1
DU-1	RISB-21	RISB-21-0.5-20141031	0.5 - 1	10/31/2014	Mercury	0.056	mg/kg	Y	0.05	USEPA Region 4 Invert	**1**	0.6	Conder et al. (2015)	0.09
DU-1	RISB-19	RISB-19-0.5-20141027	0.5 - 1	10/27/2014	Mercury	0.058	mg/kg	Y	0.05	USEPA Region 4 Invert	**1**	0.6	Conder et al. (2015)	0.1
DU-1	RISB-18	RISB-18-0.5-20141027	0.5 - 1	10/27/2014	Mercury	0.048	mg/kg	Y	0.05	USEPA Region 4 Invert	**1**	0.6	Conder et al. (2015)	0.08
DU-1	RISB-27	RISB-27-0.5-20141024	0.5 - 1	10/24/2014	Mercury	0.062	mg/kg	Y	0.05	USEPA Region 4 Invert	**1**	0.6	Conder et al. (2015)	0.1
DU-2	SA103	SA103-0.5B	0.5 - 2.5	10/6/2009	Mercury	0.056	mg/kg	Y	0.05	USEPA Region 4 Invert	**1**	0.6	Conder et al. (2015)	0.09
DU-2	RSAU4	RSAU4-0.5B	0.5 - 2	7/29/2009	Mercury	0.051	mg/kg	Y	0.05	USEPA Region 4 Invert	**1**	0.6	Conder et al. (2015)	0.09
DU-1	SA85	SA85-0.5B	0.5 - 2	6/16/2009	Mercury	0.043	mg/kg	Y	0.05	USEPA Region 4 Invert	0.9	0.6	Conder et al. (2015)	0.07
DU-1	SA158	SA158-0.5B	0 - 1.5	6/17/2009	Mercury	0.043	mg/kg	Y	0.05	USEPA Region 4 Invert	0.9	0.6	Conder et al. (2015)	0.07
DU-1	RISB-35	RISB-35-0.5-20141119	0.5 - 1	11/19/2014	Mercury	0.043	mg/kg	Y	0.05	USEPA Region 4 Invert	0.9	0.6	Conder et al. (2015)	0.07
DU-2	SA121	SA121-0.5B	0.5 - 2	9/25/2009	Mercury	0.043	mg/kg	Y	0.05	USEPA Region 4 Invert	0.9	0.6	Conder et al. (2015)	0.07
DU-1	SA62	SA62-0.5B	0.5 - 2	6/16/2009	Mercury	0.039	mg/kg	Y	0.05	USEPA Region 4 Invert	0.8	0.6	Conder et al. (2015)	0.07
DU-1	RSAJ5	RSAJ5-0.5B	0.5 - 2	6/2/2009	Mercury	0.039	mg/kg	Y	0.05	USEPA Region 4 Invert	0.8	0.6	Conder et al. (2015)	0.07
DU-1	RSAL5	RSAL5-0.5B	0.5 - 2	7/15/2009	Mercury	0.039	mg/kg	Y	0.05	USEPA Region 4 Invert	0.8	0.6	Conder et al. (2015)	0.07
DU-2	SA121	SA121009-0.5B	0.5 - 2	9/25/2009	Mercury	0.041	mg/kg	Y	0.05	USEPA Region 4 Invert	0.8	0.6	Conder et al. (2015)	0.07
DU-1	RISB-16	RISB-16-0.5-20141029	0.5 - 1	10/29/2014	Mercury	0.033	mg/kg	Y	0.05	USEPA Region 4 Invert	0.7	0.6	Conder et al. (2015)	0.06
DU-1	M-161D	M-161D-0.5-20141203	0.5 - 1	12/3/2014	Mercury	0.036	mg/kg	Y	0.05	USEPA Region 4 Invert	0.7	0.6	Conder et al. (2015)	0.06
DU-1	RISB-36	RISB-36-0.5-20141118	0.5 - 1	11/18/2014	Mercury	0.035	mg/kg	Y	0.05	USEPA Region 4 Invert	0.7	0.6	Conder et al. (2015)	0.06
DU-1	RISB-47	RISB-47-0.5-20141120	0.5 - 1	11/20/2014	Mercury	0.035	mg/kg	Y	0.05	USEPA Region 4 Invert	0.7	0.6	Conder et al. (2015)	0.06
DU-1	RISB-09	RISB-09-0.5-20141211	0.5 - 1	12/11/2014	Mercury	0.037	mg/kg	Y	0.05	USEPA Region 4 Invert	0.7	0.6	Conder et al. (2015)	0.06
DU-1	RSAO5	RSAO5-0.5B	0.5 - 2	6/29/2009	Mercury	0.028	mg/kg	Y	0.05	USEPA Region 4 Invert	0.6	0.6	Conder et al. (2015)	0.05
DU-1	SA141	SA141009-14B	0 - 1.5	10/15/2009	Mercury	0.032	mg/kg	Y	0.05	USEPA Region 4 Invert	0.6	0.6	Conder et al. (2015)	0.05
DU-1	RISB-30	RISB-30-0.5-20141118	0.5 - 1	11/18/2014	Mercury	0.032	mg/kg	Y	0.05	USEPA Region 4 Invert	0.6	0.6	Conder et al. (2015)	0.05
DU-1	RISB-40	RISB-40-0.5-20141121	0.5 - 1	11/21/2014	Mercury	0.028	mg/kg	Y	0.05	USEPA Region 4 Invert	0.6	0.6	Conder et al. (2015)	0.05
DU-1	RIT-2-05	RIT-2-05-20141113	--	11/13/2014	Mercury	0.028	mg/kg	Y	0.05	USEPA Region 4 Invert	0.6	0.6	Conder et al. (2015)	0.05
DU-1	RIT-1-05	RIT-1-05-20141112	--	11/12/2014	Mercury	0.031	mg/kg	Y	0.05	USEPA Region 4 Invert	0.6	0.6	Conder et al. (2015)	0.05
DU-1	RISB-28	RISB-28-0.5-20141024	0.5 - 1	10/24/2014	Mercury	0.028	mg/kg	Y	0.05	USEPA Region 4 Invert	0.6	0.6	Conder et al. (2015)	0.05
DU-1	RIT-1-01	RIT-1-01-20141111	--	11/11/2014	Mercury	0.029	mg/kg	Y	0.05	USEPA Region 4 Invert	0.6	0.6	Conder et al. (2015)	0.05
DU-1	RISB-26	RISB-26-0.5-20141023	0.5 - 1	10/23/2014	Mercury	0.03	mg/kg	Y	0.05	USEPA Region 4 Invert	0.6	0.6	Conder et al. (2015)	0.05
DU-1	RISB-25	RISB-25-0.5-20141023	0.5 - 1	10/23/2014	Mercury	0.031	mg/kg	Y	0.05	USEPA Region 4 Invert	0.6	0.6	Conder et al. (2015)	0.05
DU-1	RSAO8	RSAO8-11.5B	0 - 1	9/14/2009	Mercury	0.028	mg/kg	Y	0.05	USEPA Region 4 Invert	0.6	0.6	Conder et al. (2015)	0.05
DU-1	SA141	SA141-14B	0 - 1.5	10/15/2009	Mercury	0.024	mg/kg	Y	0.05	USEPA Region 4 Invert	0.5	0.6	Conder et al. (2015)	0.04
DU-1	RISB-12	RISB-12-0.5-20141215	0.5 - 1	12/15/2014	Mercury	0.027	mg/kg	Y	0.05	USEPA Region 4 Invert	0.5	0.6	Conder et al. (2015)	0.05
DU-1	RISB-02	RISB-2-0.5-20181218	0.5 - 1	12/18/2018	Mercury	0.023	mg/kg	Y	0.05	USEPA Region 4 Invert	0.5	0.6	Conder et al. (2015)	0.04
DU-1	RSAM8	RSAM8-0.5B	0 - 1	6/12/2009	Mercury	0.023	mg/kg	Y	0.05	USEPA Region 4 Invert	0.5	0.6	Conder et al. (2015)	0.04
DU-1	SA145	SA145-0.5B	0 - 1.5	6/12/2009	Mercury	0.026	mg/kg	Y	0.05	USEPA Region 4 Invert	0.5	0.6	Conder et al. (2015)	0.04
DU-1	SA186	SA186-0.5B	0.5 - 2	6/29/2009	Mercury	0.023	mg/kg	Y	0.05	USEPA Region 4 Invert	0.5	0.6	Conder et al. (2015)	0.04
DU-1	RSAO7	RSAO7-9B	0 - 1.5	10/12/2009	Mercury	0.024	mg/kg	Y	0.05	USEPA Region 4 Invert	0.5	0.6	Conder et al. (2015)	0.04
DU-2	SA28	SA28-0.5B	0.5 - 2	8/3/2009	Mercury	0.027	mg/kg	Y	0.05	USEPA Region 4 Invert	0.5	0.6	Conder et al. (2015)	0.05
DU-1	SA74	SA74009-0.5B	0 - 1.5	7/15/2009	Mercury	0.019	mg/kg	Y	0.05	USEPA Region 4 Invert	0.4	0.6	Conder et al. (2015)	0.03
DU-1	SA166	SA166-0.5B	0.5 - 1.5	6/11/2009	Mercury	0.019	mg/kg	Y	0.05	USEPA Region 4 Invert	0.4	0.6	Conder et al. (2015)	0.03
DU-1	SA173	SA173009-0.5B	0.5 - 2	7/27/2009	Mercury	0.021	mg/kg	Y	0.05	USEPA Region 4 Invert	0.4	0.6	Conder et al. (2015)	0.04
DU-1	SA157	SA157009-0.5B	0.5 - 2	10/20/2009	Mercury	0.018	mg/kg	Y	0.05	USEPA Region 4 Invert	0.4	0.6	Conder et al. (2015)	0.03
DU-1	SA157	SA157-0.5B	0.5 - 2	10/20/2009	Mercury	0.018	mg/kg	Y	0.05	USEPA Region 4 Invert	0.4	0.6	Conder et al. (2015)	0.03
DU-1	RISB-04	RISB-4-0.5-20181218	0.5 - 1	12/18/2018	Mercury	0.021	mg/kg	Y	0.05	USEPA Region 4 Invert	0.4	0.6	Conder et al. (2015)	0.04
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5 - 1	11/21/2014	Mercury	0.019	mg/kg	Y	0.05	USEPA Region 4 Invert	0.4	0.6	Conder et al. (2015)	0.03
DU-1	RISB-03	RISB-3-0.5-20181218	0.5 - 1	12/18/2018	Mercury	0.02	mg/kg	Y	0.05	USEPA Region 4 Invert	0.4	0.6	Conder et al. (2015)	0.03
DU-1	RISB-32	RISB-32-0.5-20141120	0.5 - 1	11/20/2014	Mercury	0.022	mg/kg	Y	0.05	USEPA Region 4 Invert	0.4	0.6	Conder et al. (2015)	0.04
DU-1	SA180	SA180-0.5B	0 - 0.5	6/26/2008	Mercury	0.018	mg/kg	Y	0.05	USEPA Region 4 Invert	0.4	0.6	Conder et al. (2015)	0.03
DU-1	SA73	SA73-0.5B	0 - 1.5	7/29/2009	Mercury	0.018	mg/kg	Y	0.05	USEPA Region 4 Invert	0.4	0.6	Conder et al. (2015)	0.03
DU-1	RSAL6	RSAL6-0.5B	0 - 1.5	7/29/2009	Mercury	0.018	mg/kg	Y	0.05	USEPA Region 4 Invert	0.4	0.6	Conder et al. (2015)	0.03

Table G-2: Location-Specific Screening for Manganese, Mercury, and Perchlorate for Potential Risks to Terrestrial Invertebrates: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Decision Unit	Location	Sample ID	Sample Depth (ft bgs)	Sample Date	Chemical Name	Result (a)	Unit	Detect	ESV	ESV Source (b)	ESV HQ	RSV	RSV Source (b)	RSV HQ
DU-1	RSAM4	RSAM4-0.5B	0.5 - 2	7/8/2009	Mercury	0.021	mg/kg	Y	0.05	USEPA Region 4 Invert	0.4	0.6	Conder et al. (2015)	0.04
DU-1	SA185	SA185-0.5B	0.5 - 2	6/29/2009	Mercury	0.018	mg/kg	Y	0.05	USEPA Region 4 Invert	0.4	0.6	Conder et al. (2015)	0.03
DU-1	SA72	SA72-0.5B	0.5 - 2	7/27/2009	Mercury	0.021	mg/kg	Y	0.05	USEPA Region 4 Invert	0.4	0.6	Conder et al. (2015)	0.04
DU-1	SA12	SA12-0.5	0 - 0	11/10/2006	Mercury	0.018	mg/kg	Y	0.05	USEPA Region 4 Invert	0.4	0.6	Conder et al. (2015)	0.03
DU-2	SA146	SA146-0.5B	0.5 - 2	8/4/2009	Mercury	0.018	mg/kg	Y	0.05	USEPA Region 4 Invert	0.4	0.6	Conder et al. (2015)	0.03
DU-2	RSAU5	RSAU5-0.5B	0.5 - 2	8/5/2009	Mercury	0.021	mg/kg	Y	0.05	USEPA Region 4 Invert	0.4	0.6	Conder et al. (2015)	0.04
DU-2	RSAT6	RSAT6-0.5B	0.5 - 2	8/28/2009	Mercury	0.02	mg/kg	Y	0.05	USEPA Region 4 Invert	0.4	0.6	Conder et al. (2015)	0.03
DU-1	SA173	SA173-0.5B	0.5 - 2	7/27/2009	Mercury	0.015	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-1	RISB-24	RISB-24-0.5-20141027	0.5 - 1	10/27/2014	Mercury	0.015	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5 - 1	12/18/2018	Mercury	0.015	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-1	SA179	SA179-0.5B	0.5 - 2	7/28/2009	Mercury	0.017	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-1	RISB-01	RISB-1-0.5-20181218	0.5 - 1	12/18/2018	Mercury	0.017	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-1	SA189	SA189-0.5B	0.5 - 2	6/4/2009	Mercury	0.014	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.02
DU-1	SA69	SA69-0.5B	0.5 - 2	7/7/2009	Mercury	0.013	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.02
DU-1	RSAK6	RSAK6-0.5B	0 - 1	6/5/2009	Mercury	0.013	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.02
DU-1	RSAN4	RSAN4-0.5B	0 - 1.5	7/8/2009	Mercury	0.014	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.02
DU-1	RSAO2	RSAO2-0.5B	0.5 - 2	7/9/2008	Mercury	0.016	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-1	RSAL7	RSAL7-0.5B	0.5 - 1.5	6/5/2009	Mercury	0.013	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.02
DU-1	RSAI7	RSAI7-0.5B	0 - 0.5	7/11/2008	Mercury	0.013	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.02
DU-1	RSAI5	RSAI5-0.5B	0.5 - 2	7/24/2009	Mercury	0.016	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-1	RSAN3	RSAN3-0.5B	0 - 1.5	7/8/2009	Mercury	0.013	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.02
DU-1	SA176	SA176-0.5B	0 - 1	6/10/2009	Mercury	0.015	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-1	RISB-17	RISB-17-0.5-20141028	0.5 - 1	10/28/2014	Mercury	0.016	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-1	SA35	SA35-0.5B	0 - 0	6/10/2009	Mercury	0.017	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-1	SA20	SA20-0.5D	0 - 1.5	11/16/2006	Mercury	0.014	mg/kg	N	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.02
DU-1	RSAL8	RSAL8-0.5B	0.5 - 1.5	6/5/2009	Mercury	0.014	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.02
DU-1	RSAO6	RSAO6-0.5B	0 - 0.5	6/24/2009	Mercury	0.016	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-1	SA11	SA11-0.5	0 - 0	11/9/2006	Mercury	0.014	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.02
DU-1	SA11	SA11-0.5D	0 - 0	11/9/2006	Mercury	0.015	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-1	RSAO3	RSAO3-0.5B	0 - 0	6/10/2009	Mercury	0.015	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-2	RSAS3	RSAS3009-0.5B	0.5 - 2	8/26/2009	Mercury	0.015	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0 - 1.5	11/19/2007	Mercury	0.0164	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-2	SA147	SA147-0.5B	0.5 - 2	8/4/2009	Mercury	0.013	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.02
DU-2	TSB-GJ-05	TSB-GJ-05-0	0 - 1.5	11/19/2007	Mercury	0.0174	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-2	TSB-GJ-04	TSB-GJ-04-0	0 - 1.5	11/19/2007	Mercury	0.0165	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-2	RSAP7	RSAP7-0.5B	0.5 - 2	10/27/2009	Mercury	0.016	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-2	RSAQ6	RSAQ6-0.5B	0 - 0	9/11/2009	Mercury	0.017	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-2	RSAQ7	RSAQ7-0.5B	0.5 - 2	10/27/2009	Mercury	0.015	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-2	SA116	SA116-0.5B	0.5 - 2	9/2/2009	Mercury	0.015	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-2	RSAS3	RSAS3-0.5B	0.5 - 2	8/26/2009	Mercury	0.016	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-3	SA64	SA64-0.5B	0 - 1.5	6/19/2009	Mercury	0.017	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.03
DU-3	SA65	SA65-10B	0 - 0	8/25/2009	Mercury	0.014	mg/kg	Y	0.05	USEPA Region 4 Invert	0.3	0.6	Conder et al. (2015)	0.02
DU-1	SA67	SA67-0.5B	0.5 - 2	7/7/2008	Mercury	0.009	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-1	SA71	SA71-0.5B	0.5 - 2	6/16/2009	Mercury	0.012	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-1	SA87	SA87-0.5B	0.5 - 2	6/25/2008	Mercury	0.009	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-1	SA50	SA50-0.5B	0 - 0	6/30/2009	Mercury	0.009	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-1	SA74	SA74-0.5B	0 - 1.5	7/15/2009	Mercury	0.012	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-1	RSAN5	RSAN5-0.5B	0.5 - 2	6/23/2009	Mercury	0.012	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-1	RSAL4	RSAL4-0.5B	0.5 - 2	7/7/2009	Mercury	0.01	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-1	RSAI4	RSAI4-0.5B	0.5 - 2	7/24/2009	Mercury	0.009	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-1	RSAM2	RSAM2-0.5B	0.5 - 2	6/3/2009	Mercury	0.012	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-1	RSAM6	RSAM6-0.5B	0.5 - 2	6/18/2009	Mercury	0.011	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-1	RSAK4	RSAK4-0.5B	0.5 - 1.5	6/11/2009	Mercury	0.011	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-1	RSAK4	RSAK4009-0.5B	0.5 - 2	6/11/2009	Mercury	0.009	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-1	RSAM7	RSAM7-0.5B	0 - 1.5	6/18/2009	Mercury	0.01	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-1	SA75	SA75-0.5B	0 - 1.5	7/17/2009	Mercury	0.011	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-1	SA55	SA55-0.5B	0.5 - 1.5	6/10/2009	Mercury	0.01	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-1	SA151	SA151-0.5B	0.5 - 2	9/17/2009	Mercury	0.01	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-1	SA102	SA102-1BR	0 - 0	12/16/2009	Mercury	0.01	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02

Table G-2: Location-Specific Screening for Manganese, Mercury, and Perchlorate for Potential Risks to Terrestrial Invertebrates: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Decision Unit	Location	Sample ID	Sample Depth (ft bgs)	Sample Date	Chemical Name	Result (a)	Unit	Detect	ESV	ESV Source (b)	ESV HQ	RSV	RSV Source (b)	RSV HQ
DU-1	SA171	SA171-5B	0 - 1.5	10/19/2009	Mercury	0.012	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-1	SA114	SA114-1BR	0 - 0	12/16/2009	Mercury	0.012	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-1	SA114	SA114-1.5BR	0 - 0.5	12/16/2009	Mercury	0.009	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-2	TSB-GR-02	TSB-GR-02-0	0 - 1.5	11/19/2007	Mercury	0.0076	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.01
DU-2	TSB-GJ-03	TSB-GJ-03-0	0 - 1.5	11/19/2007	Mercury	0.0118	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-2	SA212	SA212-0.5B	0.5 - 2	9/28/2009	Mercury	0.008	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.01
DU-2	SA31	SA31-0.5B	0.5 - 2	9/9/2009	Mercury	0.012	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0 - 1.5	11/19/2007	Mercury	0.0089	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.01
DU-3	SA197	SA197-0.5B	0 - 1.5	6/19/2009	Mercury	0.011	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-3	TSB-GJ-02	TSB-GJ-02-0	0 - 1.5	11/19/2007	Mercury	0.01	mg/kg	Y	0.05	USEPA Region 4 Invert	0.2	0.6	Conder et al. (2015)	0.02
DU-1	RISB-22	RISB-22-0.5-20141029	0.5 - 1	10/29/2014	Mercury	0.0065	mg/kg	N	0.05	USEPA Region 4 Invert	0.1	0.6	Conder et al. (2015)	0.01
DU-1	RISB-05	RISB-5-0.5-20181218	0.5 - 1	12/18/2018	Mercury	0.006	mg/kg	N	0.05	USEPA Region 4 Invert	0.1	0.6	Conder et al. (2015)	0.01
DU-1	SA19	SA19-0.5	0 - 1.5	11/16/2006	Mercury	0.005	mg/kg	N	0.05	USEPA Region 4 Invert	0.1	0.6	Conder et al. (2015)	0.008
DU-1	RISB-13	RISB-13-0.5-20141217	0.5 - 1	12/17/2014	Mercury	0.0065	mg/kg	N	0.05	USEPA Region 4 Invert	0.1	0.6	Conder et al. (2015)	0.01
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5 - 1	3/10/2017	Mercury	0.0065	mg/kg	N	0.05	USEPA Region 4 Invert	0.1	0.6	Conder et al. (2015)	0.01
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5 - 1	3/9/2017	Mercury	0.0065	mg/kg	N	0.05	USEPA Region 4 Invert	0.1	0.6	Conder et al. (2015)	0.01
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5 - 1	3/8/2017	Mercury	0.006	mg/kg	N	0.05	USEPA Region 4 Invert	0.1	0.6	Conder et al. (2015)	0.01
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5 - 1	3/11/2017	Mercury	0.0065	mg/kg	N	0.05	USEPA Region 4 Invert	0.1	0.6	Conder et al. (2015)	0.01
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5 - 1	3/12/2017	Mercury	0.0065	mg/kg	N	0.05	USEPA Region 4 Invert	0.1	0.6	Conder et al. (2015)	0.01
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5 - 1	3/12/2017	Mercury	0.0065	mg/kg	N	0.05	USEPA Region 4 Invert	0.1	0.6	Conder et al. (2015)	0.01
DU-1	RSAL4	RSAL4009-0.5B	0.5 - 2	7/7/2009	Mercury	0.007	mg/kg	Y	0.05	USEPA Region 4 Invert	0.1	0.6	Conder et al. (2015)	0.01
DU-1	RISB-23	RISB-23-0.5-20141028	0.5 - 1	10/28/2014	Mercury	0.0065	mg/kg	N	0.05	USEPA Region 4 Invert	0.1	0.6	Conder et al. (2015)	0.01
DU-1	RISB-11	RISB-11-0.5-20141217	0.5 - 1	12/17/2014	Mercury	0.0065	mg/kg	N	0.05	USEPA Region 4 Invert	0.1	0.6	Conder et al. (2015)	0.01
DU-1	RISB-20	RISB-20-0.5-20141029	0.5 - 1	10/29/2014	Mercury	0.0065	mg/kg	N	0.05	USEPA Region 4 Invert	0.1	0.6	Conder et al. (2015)	0.01
DU-1	SA152	SA152009-0.5B	0 - 1.5	6/4/2009	Mercury	0.006	mg/kg	Y	0.05	USEPA Region 4 Invert	0.1	0.6	Conder et al. (2015)	0.01
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5 - 1	2/25/2017	Mercury	0.0065	mg/kg	N	0.05	USEPA Region 4 Invert	0.1	0.6	Conder et al. (2015)	0.01
DU-1	SA152	SA152-0.5B	0 - 1.5	6/4/2009	Mercury	0.006	mg/kg	Y	0.05	USEPA Region 4 Invert	0.1	0.6	Conder et al. (2015)	0.01
DU-1	RISB-10	RISB-10-0.5-20141215	0.5 - 1	12/15/2014	Mercury	0.006	mg/kg	N	0.05	USEPA Region 4 Invert	0.1	0.6	Conder et al. (2015)	0.01
DU-2	SA138	SA138-0.5B	0.5 - 2.5	10/6/2009	Mercury	0.006	mg/kg	Y	0.05	USEPA Region 4 Invert	0.1	0.6	Conder et al. (2015)	0.01
DU-3	SA128	SA128-10B	0 - 1.5	9/16/2009	Mercury	0.005	mg/kg	Y	0.05	USEPA Region 4 Invert	0.1	0.6	Conder et al. (2015)	0.008
DU-3	SA15	SA15-10	0 - 0.5	11/8/2006	Mercury	0.0039	mg/kg	N	0.05	USEPA Region 4 Invert	0.08	0.6	Conder et al. (2015)	0.007
DU-1	SA21	SA21-0.5	0.5 - 2	11/15/2006	Mercury	0.0035	mg/kg	N	0.05	USEPA Region 4 Invert	0.07	0.6	Conder et al. (2015)	0.006
DU-1	SA20	SA20-0.5	0 - 1.5	11/16/2006	Mercury	0.00334	mg/kg	N	0.05	USEPA Region 4 Invert	0.07	0.6	Conder et al. (2015)	0.006
DU-1	SA18	SA18-0.5	0 - 1.5	11/15/2006	Mercury	0.00365	mg/kg	N	0.05	USEPA Region 4 Invert	0.07	0.6	Conder et al. (2015)	0.006
DU-1	SA18	SA18-0.5D	0 - 1.5	11/15/2006	Mercury	0.0035	mg/kg	N	0.05	USEPA Region 4 Invert	0.07	0.6	Conder et al. (2015)	0.006
DU-2	SA07	SA7-0.5	0.5 - 2	11/20/2006	Mercury	0.00355	mg/kg	N	0.05	USEPA Region 4 Invert	0.07	0.6	Conder et al. (2015)	0.006
DU-2	SA02	SA2-0.5	0.5 - 2	11/3/2006	Mercury	0.00355	mg/kg	N	0.05	USEPA Region 4 Invert	0.07	0.6	Conder et al. (2015)	0.006
DU-3	SA15	SA15-10D	0 - 0.5	11/8/2006	Mercury	0.00365	mg/kg	N	0.05	USEPA Region 4 Invert	0.07	0.6	Conder et al. (2015)	0.006
DU-3	SA16	SA16-0.5	0 - 0	11/9/2006	Mercury	0.00355	mg/kg	N	0.05	USEPA Region 4 Invert	0.07	0.6	Conder et al. (2015)	0.006
DU-1	SA72	SA72-0.5B	0.5 - 2	7/27/2009	Perchlorate	4,470	mg/kg	Y	3.5	LANL Earthworm NOAEL	1000	35	LANL Earthworm LOAEL	100
DU-3	SA65	SA65-10B	0 - 0	8/25/2009	Perchlorate	1,690	mg/kg	Y	3.5	LANL Earthworm NOAEL	500	35	LANL Earthworm LOAEL	50
DU-1	SSAM6-02	SSAM6-02-5BPC	0 - 0	5/17/2010	Perchlorate	1,500	mg/kg	Y	3.5	LANL Earthworm NOAEL	400	35	LANL Earthworm LOAEL	40
DU-3	SA15	SA15-10	0 - 0.5	11/8/2006	Perchlorate	1,210	mg/kg	Y	3.5	LANL Earthworm NOAEL	300	35	LANL Earthworm LOAEL	30
DU-3	SA15	SA15-10D	0 - 0.5	11/8/2006	Perchlorate	1,160	mg/kg	Y	3.5	LANL Earthworm NOAEL	300	35	LANL Earthworm LOAEL	30
DU-3	SSAM6-01	SSAM6-01-10BPC	0 - 0	4/9/2010	Perchlorate	1,100	mg/kg	Y	3.5	LANL Earthworm NOAEL	300	35	LANL Earthworm LOAEL	30
DU-1	RISB-21	RISB-21-0.5-20141031	0.5 - 1	10/31/2014	Perchlorate	940	mg/kg	Y	3.5	LANL Earthworm NOAEL	300	35	LANL Earthworm LOAEL	30
DU-1	RISB-01	RISB-1-0.5-20181218	0.5 - 1	12/18/2018	Perchlorate	800	mg/kg	Y	3.5	LANL Earthworm NOAEL	200	35	LANL Earthworm LOAEL	20
DU-3	SA49	SA49009-1.5BR	0.5 - 0.5	12/15/2009	Perchlorate	713	mg/kg	Y	3.5	LANL Earthworm NOAEL	200	35	LANL Earthworm LOAEL	20
DU-3	SSAM5-02	SSAM5-02-6BPC_FD	0 - 0	4/15/2010	Perchlorate	520	mg/kg	Y	3.5	LANL Earthworm NOAEL	100	35	LANL Earthworm LOAEL	10
DU-3	SA49	SA49-1.5BR	0.5 - 0.5	12/15/2009	Perchlorate	509	mg/kg	Y	3.5	LANL Earthworm NOAEL	100	35	LANL Earthworm LOAEL	10
DU-1	RIDB-6	RIDB-6-0.5-20170225	0.5 - 1	2/25/2017	Perchlorate	450	mg/kg	Y	3.5	LANL Earthworm NOAEL	100	35	LANL Earthworm LOAEL	10
DU-3	SSAM5-02	SSAM5-02-6BPC	0 - 0	4/15/2010	Perchlorate	440	mg/kg	Y	3.5	LANL Earthworm NOAEL	100	35	LANL Earthworm LOAEL	10
DU-3	SSAM5-02	SSAM5-02-5BPC	0 - 0	5/17/2010	Perchlorate	420	mg/kg	Y	3.5	LANL Earthworm NOAEL	100	35	LANL Earthworm LOAEL	10
DU-3	SSAM5-02	SSAM5-02-8BPC	0 - 1	4/15/2010	Perchlorate	360	mg/kg	Y	3.5	LANL Earthworm NOAEL	100	35	LANL Earthworm LOAEL	10
DU-1	SSAM5-04	SSAM5-04-4_01_BPC	0 - 1	10/13/2010	Perchlorate	340	mg/kg	Y	3.5	LANL Earthworm NOAEL	100	35	LANL Earthworm LOAEL	10
DU-1	SSAM5-04	SSAM5-04-4_01_BPC_FD	0 - 1	10/13/2010	Perchlorate	310	mg/kg	Y	3.5	LANL Earthworm NOAEL	90	35	LANL Earthworm LOAEL	9
DU-1	RSAM6	RSAM6-0.5B	0.5 - 2	6/18/2009	Perchlorate	231	mg/kg	Y	3.5	LANL Earthworm NOAEL	70	35	LANL Earthworm LOAEL	7
DU-1	EE-D02-1	EE-D02-1	0 - 0	5/17/2011	Perchlorate	222	mg/kg	Y	3.5	LANL Earthworm NOAEL	60	35	LANL Earthworm LOAEL	6
DU-1	SA19	SA19-0.5	0 - 1.5	11/16/2006	Perchlorate	217	mg/kg	Y	3.5	LANL Earthworm NOAEL	60	35	LANL Earthworm LOAEL	6

Table G-2: Location-Specific Screening for Manganese, Mercury, and Perchlorate for Potential Risks to Terrestrial Invertebrates: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Decision Unit	Location	Sample ID	Sample Depth (ft bgs)	Sample Date	Chemical Name	Result (a)	Unit	Detect	ESV	ESV Source (b)	ESV HQ	RSV	RSV Source (b)	RSV HQ
DU-1	CS-D02-1	CS-D02-1	0 - 0	5/17/2011	Perchlorate	179	mg/kg	Y	3.5	LANL Earthworm NOAEL	50	35	LANL Earthworm LOAEL	5
DU-1	CS-C10A-1	CS-C10A-1	0 - 0	5/17/2011	Perchlorate	134	mg/kg	Y	3.5	LANL Earthworm NOAEL	40	35	LANL Earthworm LOAEL	4
DU-1	RISB-10	RISB-10-0.5-20141215	0.5 - 1	12/15/2014	Perchlorate	130	mg/kg	Y	3.5	LANL Earthworm NOAEL	40	35	LANL Earthworm LOAEL	4
DU-1	SA50	SA50-0.5B	0 - 0	6/30/2009	Perchlorate	114	mg/kg	Y	3.5	LANL Earthworm NOAEL	30	35	LANL Earthworm LOAEL	3
DU-1	RIT-2-05	RIT-2-05-20141113	--	11/13/2014	Perchlorate	110	mg/kg	Y	3.5	LANL Earthworm NOAEL	30	35	LANL Earthworm LOAEL	3
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	0 - 1	4/8/2010	Perchlorate	110	mg/kg	Y	3.5	LANL Earthworm NOAEL	30	35	LANL Earthworm LOAEL	3
DU-1	SSAO7-01	SSAO7-01-1BPC	0 - 1	4/8/2010	Perchlorate	110	mg/kg	Y	3.5	LANL Earthworm NOAEL	30	35	LANL Earthworm LOAEL	3
DU-1	RISB-26	RISB-26-0.5-20141023	0.5 - 1	10/23/2014	Perchlorate	110	mg/kg	Y	3.5	LANL Earthworm NOAEL	30	35	LANL Earthworm LOAEL	3
DU-1	SA85	SA85-0.5B	0.5 - 2	6/16/2009	Perchlorate	107	mg/kg	Y	3.5	LANL Earthworm NOAEL	30	35	LANL Earthworm LOAEL	3
DU-1	SA151	SA151-0.5B	0.5 - 2	9/17/2009	Perchlorate	101	mg/kg	Y	3.5	LANL Earthworm NOAEL	30	35	LANL Earthworm LOAEL	3
DU-1	CS-C10B-1	CS-C10B-1	0 - 0	7/28/2011	Perchlorate	98.2	mg/kg	Y	3.5	LANL Earthworm NOAEL	30	35	LANL Earthworm LOAEL	3
DU-1	SA176	SA176-0.5B	0 - 1	6/10/2009	Perchlorate	93.5	mg/kg	Y	3.5	LANL Earthworm NOAEL	30	35	LANL Earthworm LOAEL	3
DU-1	RSAL4	RSAL4-0.5B	0.5 - 2	7/7/2009	Perchlorate	91.6	mg/kg	Y	3.5	LANL Earthworm NOAEL	30	35	LANL Earthworm LOAEL	3
DU-1	RSAL4	RSAL4009-0.5B	0.5 - 2	7/7/2009	Perchlorate	82.4	mg/kg	Y	3.5	LANL Earthworm NOAEL	20	35	LANL Earthworm LOAEL	2
DU-1	RISB-32	RISB-32-0.5-20141120	0.5 - 1	11/20/2014	Perchlorate	81	mg/kg	Y	3.5	LANL Earthworm NOAEL	20	35	LANL Earthworm LOAEL	2
DU-1	RISB-12	RISB-12-0.5-20141215	0.5 - 1	12/15/2014	Perchlorate	78	mg/kg	Y	3.5	LANL Earthworm NOAEL	20	35	LANL Earthworm LOAEL	2
DU-1	RSAM7	RSAM7-0.5B	0 - 1.5	6/18/2009	Perchlorate	77.1	mg/kg	Y	3.5	LANL Earthworm NOAEL	20	35	LANL Earthworm LOAEL	2
DU-1	SA11	SA11-0.5D	0 - 0	11/9/2006	Perchlorate	72.4	mg/kg	Y	3.5	LANL Earthworm NOAEL	20	35	LANL Earthworm LOAEL	2
DU-1	RISB-03	RISB-3-0.5-20181218	0.5 - 1	12/18/2018	Perchlorate	71	mg/kg	Y	3.5	LANL Earthworm NOAEL	20	35	LANL Earthworm LOAEL	2
DU-1	RIT-2-03	RIT-2-03-20141112	--	11/12/2014	Perchlorate	68	mg/kg	Y	3.5	LANL Earthworm NOAEL	20	35	LANL Earthworm LOAEL	2
DU-1	SA11	SA11-0.5	0 - 0	11/9/2006	Perchlorate	62.5	mg/kg	Y	3.5	LANL Earthworm NOAEL	20	35	LANL Earthworm LOAEL	2
DU-1	SA186	SA186-0.5B	0.5 - 2	6/29/2009	Perchlorate	54.6	mg/kg	Y	3.5	LANL Earthworm NOAEL	20	35	LANL Earthworm LOAEL	2
DU-1	RISB-09	RISB-09-0.5-20141211	0.5 - 1	12/11/2014	Perchlorate	47	mg/kg	Y	3.5	LANL Earthworm NOAEL	10	35	LANL Earthworm LOAEL	**1**
DU-1	SA179	SA179-0.5B	0.5 - 2	7/28/2009	Perchlorate	46.8	mg/kg	Y	3.5	LANL Earthworm NOAEL	10	35	LANL Earthworm LOAEL	**1**
DU-1	EE-E14C-1	EE-E14C-1	0 - 0	6/2/2011	Perchlorate	46.3	mg/kg	Y	3.5	LANL Earthworm NOAEL	10	35	LANL Earthworm LOAEL	**1**
DU-1	RIT-2-03	RIT-2-03-20141112-FD	--	11/12/2014	Perchlorate	46	mg/kg	Y	3.5	LANL Earthworm NOAEL	10	35	LANL Earthworm LOAEL	**1**
DU-1	RISB-11	RISB-11-0.5-20141217	0.5 - 1	12/17/2014	Perchlorate	43	mg/kg	Y	3.5	LANL Earthworm NOAEL	10	35	LANL Earthworm LOAEL	**1**
DU-1	RISB-18	RISB-18-0.5-20141027	0.5 - 1	10/27/2014	Perchlorate	43	mg/kg	Y	3.5	LANL Earthworm NOAEL	10	35	LANL Earthworm LOAEL	**1**
DU-1	RIDB-7	RIDB-7-0.5-20170312	0.5 - 1	3/12/2017	Perchlorate	43	mg/kg	Y	3.5	LANL Earthworm NOAEL	10	35	LANL Earthworm LOAEL	**1**
DU-1	SSAL6-01	SSAL6-01-1BPC	0.5 - 1.5	5/18/2010	Perchlorate	40	mg/kg	Y	3.5	LANL Earthworm NOAEL	10	35	LANL Earthworm LOAEL	**1**
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	0.5 - 1	3/12/2017	Perchlorate	40	mg/kg	Y	3.5	LANL Earthworm NOAEL	10	35	LANL Earthworm LOAEL	**1**
DU-1	RISB-13	RISB-13-0.5-20141217	0.5 - 1	12/17/2014	Perchlorate	39	mg/kg	Y	3.5	LANL Earthworm NOAEL	10	35	LANL Earthworm LOAEL	**1**
DU-1	RISB-31	RISB-31-0.5-20141119	0.5 - 1	11/19/2014	Perchlorate	39	mg/kg	Y	3.5	LANL Earthworm NOAEL	10	35	LANL Earthworm LOAEL	**1**
DU-1	CS-E14C-1	CS-E14C-1	0 - 0	6/2/2011	Perchlorate	38.7	mg/kg	Y	3.5	LANL Earthworm NOAEL	10	35	LANL Earthworm LOAEL	**1**
DU-3	SSAN6-01	SSAN6-01-5BPC	0 - 1	4/14/2010	Perchlorate	38	mg/kg	Y	3.5	LANL Earthworm NOAEL	10	35	LANL Earthworm LOAEL	**1**
DU-2	SA07	SA7-0.5	0.5 - 2	11/20/2006	Perchlorate	34.3	mg/kg	Y	3.5	LANL Earthworm NOAEL	10	35	LANL Earthworm LOAEL	**1**
DU-3	SSAN6-01	SSAN6-01-5BPC_FD	0 - 1	4/14/2010	Perchlorate	33	mg/kg	Y	3.5	LANL Earthworm NOAEL	9	35	LANL Earthworm LOAEL	0.9
DU-1	RIT-2-01	RIT-2-01-20141112	--	11/12/2014	Perchlorate	30	mg/kg	Y	3.5	LANL Earthworm NOAEL	9	35	LANL Earthworm LOAEL	0.9
DU-1	RSAO5	RSAO5-0.5B	0.5 - 2	6/29/2009	Perchlorate	24.8	mg/kg	Y	3.5	LANL Earthworm NOAEL	7	35	LANL Earthworm LOAEL	0.7
DU-1	SA145	SA145-0.5B	0 - 1.5	6/12/2009	Perchlorate	23	mg/kg	Y	3.5	LANL Earthworm NOAEL	7	35	LANL Earthworm LOAEL	0.7
DU-1	M-161D	M-161D-0.5-20141203	0.5 - 1	12/3/2014	Perchlorate	23	mg/kg	Y	3.5	LANL Earthworm NOAEL	7	35	LANL Earthworm LOAEL	0.7
DU-1	RISB-28	RISB-28-0.5-20141024	0.5 - 1	10/24/2014	Perchlorate	19	mg/kg	Y	3.5	LANL Earthworm NOAEL	5	35	LANL Earthworm LOAEL	0.5
DU-1	SSAO5-02	SSAO5-02-4BPC	0 - 0	4/8/2010	Perchlorate	18	mg/kg	Y	3.5	LANL Earthworm NOAEL	5	35	LANL Earthworm LOAEL	0.5
DU-1	SSAJ2-02	SSAJ2-02-5BPC	0 - 0.5	4/26/2010	Perchlorate	18	mg/kg	Y	3.5	LANL Earthworm NOAEL	5	35	LANL Earthworm LOAEL	0.5
DU-1	RISB-14	RISB-14-0.5-20141216	0.5 - 1	12/16/2014	Perchlorate	18	mg/kg	Y	3.5	LANL Earthworm NOAEL	5	35	LANL Earthworm LOAEL	0.5
DU-1	RISB-29	RISB-29-0.5-20141027	0.5 - 1	10/27/2014	Perchlorate	18	mg/kg	Y	3.5	LANL Earthworm NOAEL	5	35	LANL Earthworm LOAEL	0.5
DU-1	RISB-19	RISB-19-0.5-20141027	0.5 - 1	10/27/2014	Perchlorate	17	mg/kg	Y	3.5	LANL Earthworm NOAEL	5	35	LANL Earthworm LOAEL	0.5
DU-1	SA166	SA166-0.5B	0.5 - 1.5	6/11/2009	Perchlorate	16.3	mg/kg	Y	3.5	LANL Earthworm NOAEL	5	35	LANL Earthworm LOAEL	0.5
DU-1	RISB-05	RISB-5-0.5-20181218	0.5 - 1	12/18/2018	Perchlorate	15	mg/kg	Y	3.5	LANL Earthworm NOAEL	4	35	LANL Earthworm LOAEL	0.4
DU-1	RSAM4	RSAM4-0.5B	0.5 - 2	7/8/2009	Perchlorate	13.8	mg/kg	Y	3.5	LANL Earthworm NOAEL	4	35	LANL Earthworm LOAEL	0.4
DU-1	SA71	SA71-0.5B	0.5 - 2	6/16/2009	Perchlorate	13.3	mg/kg	Y	3.5	LANL Earthworm NOAEL	4	35	LANL Earthworm LOAEL	0.4
DU-1	SA158	SA158-0.5B	0 - 1.5	6/17/2009	Perchlorate	13.2	mg/kg	Y	3.5	LANL Earthworm NOAEL	4	35	LANL Earthworm LOAEL	0.4
DU-1	RIT-3-01	RIT-3-01-20141113	--	11/13/2014	Perchlorate	13	mg/kg	Y	3.5	LANL Earthworm NOAEL	4	35	LANL Earthworm LOAEL	0.4
DU-1	SSAO5-02	SSAO5-02-6BPC	0.5 - 1.5	4/8/2010	Perchlorate	13	mg/kg	Y	3.5	LANL Earthworm NOAEL	4	35	LANL Earthworm LOAEL	0.4
DU-2	TSB-GR-02	TSB-GR-02-0-FD	0 - 1.5	11/19/2007	Perchlorate	13	mg/kg	Y	3.5	LANL Earthworm NOAEL	4	35	LANL Earthworm LOAEL	0.4
DU-2	RSAT6	RSAT6-0.5B	0.5 - 2	8/28/2009	Perchlorate	12.3	mg/kg	Y	3.5	LANL Earthworm NOAEL	4	35	LANL Earthworm LOAEL	0.4
DU-1	RSAJ5	RSAJ5-0.5B	0.5 - 2	6/2/2009	Perchlorate	12.2	mg/kg	Y	3.5	LANL Earthworm NOAEL	3	35	LANL Earthworm LOAEL	0.3
DU-1	RSAI4	RSAI4-0.5B	0.5 - 2	7/24/2009	Perchlorate	11	mg/kg	Y	3.5	LANL Earthworm NOAEL	3	35	LANL Earthworm LOAEL	0.3
DU-1	RSAN5	RSAN5-0.5B	0.5 - 2	6/23/2009	Perchlorate	10.2	mg/kg	Y	3.5	LANL Earthworm NOAEL	3	35	LANL Earthworm LOAEL	0.3

Table G-2: Location-Specific Screening for Manganese, Mercury, and Perchlorate for Potential Risks to Terrestrial Invertebrates: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Decision Unit	Location	Sample ID	Sample Depth (ft bgs)	Sample Date	Chemical Name	Result (a)	Unit	Detect	ESV	ESV Source (b)	ESV HQ	RSV	RSV Source (b)	RSV HQ
DU-1	RIT-1-04	RIT-1-04-20141112	--	11/12/2014	Perchlorate	9.8	mg/kg	Y	3.5	LANL Earthworm NOAEL	3	35	LANL Earthworm LOAEL	0.3
DU-3	SA64	SA64-0.5B	0 - 1.5	6/19/2009	Perchlorate	9.77	mg/kg	Y	3.5	LANL Earthworm NOAEL	3	35	LANL Earthworm LOAEL	0.3
DU-1	RIDB-1	RIDB-1-0.5-20170308	0.5 - 1	3/8/2017	Perchlorate	9.6	mg/kg	Y	3.5	LANL Earthworm NOAEL	3	35	LANL Earthworm LOAEL	0.3
DU-1	RSAO8	RSAO8-11.5B	0 - 1	9/14/2009	Perchlorate	9.37	mg/kg	Y	3.5	LANL Earthworm NOAEL	3	35	LANL Earthworm LOAEL	0.3
DU-2	RSAS3	RSAS3-0.5B	0.5 - 2	8/26/2009	Perchlorate	8.68	mg/kg	Y	3.5	LANL Earthworm NOAEL	2	35	LANL Earthworm LOAEL	0.2
DU-2	RSAS3	RSAS3009-0.5B	0.5 - 2	8/26/2009	Perchlorate	8.42	mg/kg	Y	3.5	LANL Earthworm NOAEL	2	35	LANL Earthworm LOAEL	0.2
DU-1	SA189	SA189-0.5B	0.5 - 2	6/4/2009	Perchlorate	8.4	mg/kg	Y	3.5	LANL Earthworm NOAEL	2	35	LANL Earthworm LOAEL	0.2
DU-1	RISB-47	RISB-47-0.5-20141120	0.5 - 1	11/20/2014	Perchlorate	7.9	mg/kg	Y	3.5	LANL Earthworm NOAEL	2	35	LANL Earthworm LOAEL	0.2
DU-1	SA92	SA92-0.5B	0 - 0	6/17/2009	Perchlorate	7.5	mg/kg	Y	3.5	LANL Earthworm NOAEL	2	35	LANL Earthworm LOAEL	0.2
DU-1	RIT-1-02	RIT-1-02-20141111	--	11/11/2014	Perchlorate	7.4	mg/kg	Y	3.5	LANL Earthworm NOAEL	2	35	LANL Earthworm LOAEL	0.2
DU-1	RIT-3-05	RIT-3-05-20141113	--	11/13/2014	Perchlorate	7.3	mg/kg	Y	3.5	LANL Earthworm NOAEL	2	35	LANL Earthworm LOAEL	0.2
DU-1	RSAM2	RSAM2-0.5B	0.5 - 2	6/3/2009	Perchlorate	6.97	mg/kg	Y	3.5	LANL Earthworm NOAEL	2	35	LANL Earthworm LOAEL	0.2
DU-1	M-162D	M-162D-0.5-20141209	0.5 - 1	12/9/2014	Perchlorate	6.8	mg/kg	Y	3.5	LANL Earthworm NOAEL	2	35	LANL Earthworm LOAEL	0.2
DU-2	RSAP7	RSAP7-0.5B	0.5 - 2	10/27/2009	Perchlorate	6.54	mg/kg	Y	3.5	LANL Earthworm NOAEL	2	35	LANL Earthworm LOAEL	0.2
DU-1	RISB-37	RISB-37-0.5-20141117	0.5 - 1	11/17/2014	Perchlorate	6.5	mg/kg	Y	3.5	LANL Earthworm NOAEL	2	35	LANL Earthworm LOAEL	0.2
DU-1	SA12	SA12-0.5	0 - 0	11/10/2006	Perchlorate	6.41	mg/kg	Y	3.5	LANL Earthworm NOAEL	2	35	LANL Earthworm LOAEL	0.2
DU-1	SA171	SA171-5B	0 - 1.5	10/19/2009	Perchlorate	6.01	mg/kg	Y	3.5	LANL Earthworm NOAEL	2	35	LANL Earthworm LOAEL	0.2
DU-1	RISB-25	RISB-25-0.5-20141023	0.5 - 1	10/23/2014	Perchlorate	5.8	mg/kg	Y	3.5	LANL Earthworm NOAEL	2	35	LANL Earthworm LOAEL	0.2
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	0 - 0	2/9/2011	Perchlorate	5.6	mg/kg	Y	3.5	LANL Earthworm NOAEL	2	35	LANL Earthworm LOAEL	0.2
DU-2	SA146	SA146-0.5B	0.5 - 2	8/4/2009	Perchlorate	5.45	mg/kg	Y	3.5	LANL Earthworm NOAEL	2	35	LANL Earthworm LOAEL	0.2
DU-1	RISB-05	RISB-5-0.5-20181218-FD	0.5 - 1	12/18/2018	Perchlorate	5.4	mg/kg	Y	3.5	LANL Earthworm NOAEL	2	35	LANL Earthworm LOAEL	0.2
DU-2	RSAU5	RSAU5-0.5B	0.5 - 2	8/5/2009	Perchlorate	5.19	mg/kg	Y	3.5	LANL Earthworm NOAEL	**1**	35	LANL Earthworm LOAEL	0.1
DU-1	RISB-15	RISB-15-0.5-20141031	0.5 - 1	10/31/2014	Perchlorate	5.1	mg/kg	Y	3.5	LANL Earthworm NOAEL	**1**	35	LANL Earthworm LOAEL	0.1
DU-1	SA55	SA55-0.5B	0.5 - 1.5	6/10/2009	Perchlorate	5.06	mg/kg	Y	3.5	LANL Earthworm NOAEL	**1**	35	LANL Earthworm LOAEL	0.1
DU-1	RIT-1-05	RIT-1-05-20141112	--	11/12/2014	Perchlorate	4.6	mg/kg	Y	3.5	LANL Earthworm NOAEL	**1**	35	LANL Earthworm LOAEL	0.1
DU-1	RSAO6	RSAO6-0.5B	0 - 0.5	6/24/2009	Perchlorate	4.43	mg/kg	Y	3.5	LANL Earthworm NOAEL	**1**	35	LANL Earthworm LOAEL	0.1
DU-1	SA185	SA185-0.5B	0.5 - 2	6/29/2009	Perchlorate	4.22	mg/kg	Y	3.5	LANL Earthworm NOAEL	**1**	35	LANL Earthworm LOAEL	0.1
DU-1	RISB-27	RISB-27-0.5-20141024	0.5 - 1	10/24/2014	Perchlorate	4.1	mg/kg	Y	3.5	LANL Earthworm NOAEL	**1**	35	LANL Earthworm LOAEL	0.1
DU-1	CS-DC-1	CS-DC-1	0 - 0	5/3/2011	Perchlorate	4.06	mg/kg	Y	3.5	LANL Earthworm NOAEL	**1**	35	LANL Earthworm LOAEL	0.1
DU-1	RISB-35	RISB-35-0.5-20141119	0.5 - 1	11/19/2014	Perchlorate	3.9	mg/kg	Y	3.5	LANL Earthworm NOAEL	**1**	35	LANL Earthworm LOAEL	0.1
DU-1	SA18	SA18-0.5	0 - 1.5	11/15/2006	Perchlorate	3.85	mg/kg	Y	3.5	LANL Earthworm NOAEL	**1**	35	LANL Earthworm LOAEL	0.1
DU-2	TSB-GR-02	TSB-GR-02-0	0 - 1.5	11/19/2007	Perchlorate	3.76	mg/kg	Y	3.5	LANL Earthworm NOAEL	**1**	35	LANL Earthworm LOAEL	0.1
DU-2	SA138	SA138-0.5B	0.5 - 2.5	10/6/2009	Perchlorate	3.72	mg/kg	Y	3.5	LANL Earthworm NOAEL	**1**	35	LANL Earthworm LOAEL	0.1
DU-3	SA16	SA16-0.5	0 - 0	11/9/2006	Perchlorate	3.72	mg/kg	Y	3.5	LANL Earthworm NOAEL	**1**	35	LANL Earthworm LOAEL	0.1
DU-1	RISB-23	RISB-23-0.5-20141028	0.5 - 1	10/28/2014	Perchlorate	3.7	mg/kg	Y	3.5	LANL Earthworm NOAEL	**1**	35	LANL Earthworm LOAEL	0.1
DU-3	SSAN5-05	SSAN5-05-0.0_02_BPC	0 - 0	11/2/2010	Perchlorate	3.7	mg/kg	Y	3.5	LANL Earthworm NOAEL	**1**	35	LANL Earthworm LOAEL	0.1
DU-1	SA141	SA141-14B	0 - 1.5	10/15/2009	Perchlorate	3.56	mg/kg	Y	3.5	LANL Earthworm NOAEL	**1**	35	LANL Earthworm LOAEL	0.1
DU-1	SA173	SA173009-0.5B	0.5 - 2	7/27/2009	Perchlorate	3.28	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.9	35	LANL Earthworm LOAEL	0.09
DU-2	SA28	SA28-0.5B	0.5 - 2	8/3/2009	Perchlorate	3.28	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.9	35	LANL Earthworm LOAEL	0.09
DU-1	SA141	SA141009-14B	0 - 1.5	10/15/2009	Perchlorate	3.18	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.9	35	LANL Earthworm LOAEL	0.09
DU-1	RISB-24	RISB-24-0.5-20141027	0.5 - 1	10/27/2014	Perchlorate	3.1	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.9	35	LANL Earthworm LOAEL	0.09
DU-1	SA173	SA173-0.5B	0.5 - 2	7/27/2009	Perchlorate	3.01	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.9	35	LANL Earthworm LOAEL	0.09
DU-1	RIT-1-03	RIT-1-03-20141112	--	11/12/2014	Perchlorate	2.9	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.8	35	LANL Earthworm LOAEL	0.08
DU-1	SA87	SA87-0.5B	0.5 - 2	6/25/2008	Perchlorate	2.84	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.8	35	LANL Earthworm LOAEL	0.08
DU-3	SA197	SA197-0.5B	0 - 1.5	6/19/2009	Perchlorate	2.8	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.8	35	LANL Earthworm LOAEL	0.08
DU-2	SA212	SA212-0.5B	0.5 - 2	9/28/2009	Perchlorate	2.62	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.7	35	LANL Earthworm LOAEL	0.07
DU-1	RISB-34	RISB-34-0.5-20141119	0.5 - 1	11/19/2014	Perchlorate	2.6	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.7	35	LANL Earthworm LOAEL	0.07
DU-1	RIDB-4	RIDB-4-0.5-20170306	0.5 - 1	3/6/2017	Perchlorate	2.6	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.7	35	LANL Earthworm LOAEL	0.07
DU-1	RIT-1-01	RIT-1-01-20141111	--	11/11/2014	Perchlorate	2.4	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.7	35	LANL Earthworm LOAEL	0.07
DU-2	RSAQ6	RSAQ6-0.5B	0 - 0	9/11/2009	Perchlorate	2.12	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.6	35	LANL Earthworm LOAEL	0.06
DU-1	RSAK6	RSAK6-0.5B	0 - 1	6/5/2009	Perchlorate	2.1	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.6	35	LANL Earthworm LOAEL	0.06
DU-1	RSAL7	RSAL7-0.5B	0.5 - 1.5	6/5/2009	Perchlorate	2.01	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.6	35	LANL Earthworm LOAEL	0.06
DU-1	RIT-2-04	RIT-2-04-20141113	--	11/13/2014	Perchlorate	1.9	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.5	35	LANL Earthworm LOAEL	0.05
DU-2	SA103	SA103-0.5B	0.5 - 2.5	10/6/2009	Perchlorate	1.87	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.5	35	LANL Earthworm LOAEL	0.05
DU-1	RIT-3-03	RIT-3-03-20141113-FD	--	11/13/2014	Perchlorate	1.8	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.5	35	LANL Earthworm LOAEL	0.05
DU-1	RISB-48	RISB-48-0.5-20141120	0.5 - 1	11/20/2014	Perchlorate	1.8	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.5	35	LANL Earthworm LOAEL	0.05
DU-1	RIT-2-02	RIT-2-02-20141112	--	11/12/2014	Perchlorate	1.7	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.5	35	LANL Earthworm LOAEL	0.05
DU-1	RISB-30	RISB-30-0.5-20141118	0.5 - 1	11/18/2014	Perchlorate	1.7	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.5	35	LANL Earthworm LOAEL	0.05
DU-1	SA67	SA67-0.5B	0.5 - 2	7/7/2008	Perchlorate	1.64	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.5	35	LANL Earthworm LOAEL	0.05

Table G-2: Location-Specific Screening for Manganese, Mercury, and Perchlorate for Potential Risks to Terrestrial Invertebrates: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Decision Unit	Location	Sample ID	Sample Depth (ft bgs)	Sample Date	Chemical Name	Result (a)	Unit	Detect	ESV	ESV Source (b)	ESV HQ	RSV	RSV Source (b)	RSV HQ
DU-1	SA18	SA18-0.5D	0 - 1.5	11/15/2006	Perchlorate	1.59	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.5	35	LANL Earthworm LOAEL	0.05
DU-2	TSB-GJ-03	TSB-GJ-03-0	0 - 1.5	11/19/2007	Perchlorate	1.45	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.4	35	LANL Earthworm LOAEL	0.04
DU-1	RSAO2	RSAO2-0.5B	0.5 - 2	7/9/2008	Perchlorate	1.41	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.4	35	LANL Earthworm LOAEL	0.04
DU-1	DS-DB-1	DS-DB-2	0 - 0	4/20/2011	Perchlorate	1.37	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.4	35	LANL Earthworm LOAEL	0.04
DU-1	DS-DB-1	DS-DB-1	0 - 0	4/20/2011	Perchlorate	1.32	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.4	35	LANL Earthworm LOAEL	0.04
DU-1	RISB-16	RISB-16-0.5-20141029	0.5 - 1	10/29/2014	Perchlorate	1.3	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.4	35	LANL Earthworm LOAEL	0.04
DU-1	SSAJ3-07	SSAJ3-07-5BPC	0 - 0	8/10/2010	Perchlorate	1.2	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.3	35	LANL Earthworm LOAEL	0.03
DU-1	SA21	SA21-0.5	0.5 - 2	11/15/2006	Perchlorate	1.17	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.3	35	LANL Earthworm LOAEL	0.03
DU-1	RSAL5	RSAL5-0.5B	0.5 - 2	7/15/2009	Perchlorate	1.02	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.3	35	LANL Earthworm LOAEL	0.03
DU-1	RIT-3-04	RIT-3-04-20141113	--	11/13/2014	Perchlorate	1	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.3	35	LANL Earthworm LOAEL	0.03
DU-1	RIT-3-02	RIT-3-02-20141113	--	11/13/2014	Perchlorate	0.93	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.3	35	LANL Earthworm LOAEL	0.03
DU-2	TSB-GJ-04	TSB-GJ-04-0	0 - 1.5	11/19/2007	Perchlorate	0.892	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.3	35	LANL Earthworm LOAEL	0.03
DU-1	RISB-04	RISB-4-0.5-20181218	0.5 - 1	12/18/2018	Perchlorate	0.86	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.2	35	LANL Earthworm LOAEL	0.02
DU-1	RSAL8	RSAL8-0.5B	0.5 - 1.5	6/5/2009	Perchlorate	0.84	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.2	35	LANL Earthworm LOAEL	0.02
DU-1	SSAI3-07	SSAI3-07-10BPC	0 - 0	8/31/2010	Perchlorate	0.81	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.2	35	LANL Earthworm LOAEL	0.02
DU-2	RSAQ7	RSAQ7-0.5B	0.5 - 2	10/27/2009	Perchlorate	0.797	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.2	35	LANL Earthworm LOAEL	0.02
DU-1	SSAI3-07	SSAI3-07-10BPC_FD	0 - 0	8/10/2010	Perchlorate	0.78	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.2	35	LANL Earthworm LOAEL	0.02
DU-3	TSB-GJ-02	TSB-GJ-02-0	0 - 1.5	11/19/2007	Perchlorate	0.779	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.2	35	LANL Earthworm LOAEL	0.02
DU-3	SSAN5-03	SSAN5-03-5BPC	0 - 0	5/17/2010	Perchlorate	0.74	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.2	35	LANL Earthworm LOAEL	0.02
DU-1	SA69	SA69-0.5B	0.5 - 2	7/7/2009	Perchlorate	0.727	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.2	35	LANL Earthworm LOAEL	0.02
DU-1	RSAI5	RSAI5-0.5B	0.5 - 2	7/24/2009	Perchlorate	0.677	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.2	35	LANL Earthworm LOAEL	0.02
DU-1	RSAK4	RSAK4009-0.5B	0.5 - 2	6/11/2009	Perchlorate	0.663	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.2	35	LANL Earthworm LOAEL	0.02
DU-1	RSAK4	RSAK4-0.5B	0.5 - 1.5	6/11/2009	Perchlorate	0.649	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.2	35	LANL Earthworm LOAEL	0.02
DU-1	RISB-36	RISB-36-0.5-20141118	0.5 - 1	11/18/2014	Perchlorate	0.63	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.2	35	LANL Earthworm LOAEL	0.02
DU-3	SA128	SA128-10B	0 - 1.5	9/16/2009	Perchlorate	0.617	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.2	35	LANL Earthworm LOAEL	0.02
DU-1	M-116	M116-0.5_03/12/2006	0.5 - 1.5	3/12/2006	Perchlorate	0.6	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.2	35	LANL Earthworm LOAEL	0.02
DU-2	SA121	SA121-0.5B	0.5 - 2	9/25/2009	Perchlorate	0.596	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.2	35	LANL Earthworm LOAEL	0.02
DU-2	SA121	SA121009-0.5B	0.5 - 2	9/25/2009	Perchlorate	0.582	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.2	35	LANL Earthworm LOAEL	0.02
DU-1	RISB-22	RISB-22-0.5-20141029	0.5 - 1	10/29/2014	Perchlorate	0.58	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.2	35	LANL Earthworm LOAEL	0.02
DU-1	RIDB-2	RIDB-2-0.5-20170309	0.5 - 1	3/9/2017	Perchlorate	0.49	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.1	35	LANL Earthworm LOAEL	0.01
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	0 - 1.5	11/19/2007	Perchlorate	0.477	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.1	35	LANL Earthworm LOAEL	0.01
DU-1	SA62	SA62-0.5B	0.5 - 2	6/16/2009	Perchlorate	0.47	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.1	35	LANL Earthworm LOAEL	0.01
DU-1	RIDB-5	RIDB-5-0.5-20170311	0.5 - 1	3/11/2017	Perchlorate	0.41	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.1	35	LANL Earthworm LOAEL	0.01
DU-1	SSAJ3-05	SSAJ3-05-8BPC	0 - 1	8/10/2010	Perchlorate	0.4	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.1	35	LANL Earthworm LOAEL	0.01
DU-1	SA152	SA152009-0.5B	0 - 1.5	6/4/2009	Perchlorate	0.354	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.1	35	LANL Earthworm LOAEL	0.01
DU-1	SA152	SA152-0.5B	0 - 1.5	6/4/2009	Perchlorate	0.352	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.1	35	LANL Earthworm LOAEL	0.01
DU-1	RSAM8	RSAM8-0.5B	0 - 1	6/12/2009	Perchlorate	0.338	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.1	35	LANL Earthworm LOAEL	0.01
DU-1	RISB-02	RISB-2-0.5-20181218	0.5 - 1	12/18/2018	Perchlorate	0.33	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.09	35	LANL Earthworm LOAEL	0.009
DU-1	RISB-20	RISB-20-0.5-20141029	0.5 - 1	10/29/2014	Perchlorate	0.33	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.09	35	LANL Earthworm LOAEL	0.009
DU-1	RSAI7	RSAI7-0.5B	0 - 0.5	7/11/2008	Perchlorate	0.31	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.09	35	LANL Earthworm LOAEL	0.009
DU-1	SA74	SA74-0.5B	0 - 1.5	7/15/2009	Perchlorate	0.249	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.07	35	LANL Earthworm LOAEL	0.007
DU-1	SA74	SA74009-0.5B	0 - 1.5	7/15/2009	Perchlorate	0.227	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.06	35	LANL Earthworm LOAEL	0.006
DU-1	RIDB-3	RIDB-3-0.5-20170310	0.5 - 1	3/10/2017	Perchlorate	0.21	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.06	35	LANL Earthworm LOAEL	0.006
DU-1	SA73	SA73-0.5B	0 - 1.5	7/29/2009	Perchlorate	0.209	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.06	35	LANL Earthworm LOAEL	0.006
DU-1	SA180	SA180-0.5B	0 - 0.5	6/26/2008	Perchlorate	0.201	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.06	35	LANL Earthworm LOAEL	0.006
DU-2	TSB-GJ-05	TSB-GJ-05-0	0 - 1.5	11/19/2007	Perchlorate	0.186	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.05	35	LANL Earthworm LOAEL	0.005
DU-1	RISB-17	RISB-17-0.5-20141028	0.5 - 1	10/28/2014	Perchlorate	0.18	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.05	35	LANL Earthworm LOAEL	0.005
DU-2	SA31	SA31-0.5B	0.5 - 2	9/9/2009	Perchlorate	0.161	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.05	35	LANL Earthworm LOAEL	0.005
DU-1	SA20	SA20-0.5D	0 - 1.5	11/16/2006	Perchlorate	0.158	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.05	35	LANL Earthworm LOAEL	0.005
DU-1	SA20	SA20-0.5	0 - 1.5	11/16/2006	Perchlorate	0.15	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.04	35	LANL Earthworm LOAEL	0.004
DU-1	RISB-33	RISB-33-0.5-20141119	0.5 - 1	11/19/2014	Perchlorate	0.12	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.03	35	LANL Earthworm LOAEL	0.003
DU-2	SA116	SA116-0.5B	0.5 - 2	9/2/2009	Perchlorate	0.09	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.03	35	LANL Earthworm LOAEL	0.003
DU-1	RISB-41	RISB-41-0.5-20141121	0.5 - 1	11/21/2014	Perchlorate	0.079	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.02	35	LANL Earthworm LOAEL	0.002
DU-1	RISB-41	RISB-41-0.5-20141121-FD	0.5 - 1	11/21/2014	Perchlorate	0.079	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.02	35	LANL Earthworm LOAEL	0.002
DU-1	SA157	SA157-0.5B	0.5 - 2	10/20/2009	Perchlorate	0.077	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.02	35	LANL Earthworm LOAEL	0.002
DU-3	SSAM5-03	SSAM5-03-5BPC	0.5 - 1.5	5/4/2010	Perchlorate	0.071	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.02	35	LANL Earthworm LOAEL	0.002
DU-1	SA157	SA157009-0.5B	0.5 - 2	10/20/2009	Perchlorate	0.067	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.02	35	LANL Earthworm LOAEL	0.002
DU-1	SA75	SA75-0.5B	0 - 1.5	7/17/2009	Perchlorate	0.06	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.02	35	LANL Earthworm LOAEL	0.002
DU-1	RIT-3-03	RIT-3-03-20141113	--	11/13/2014	Perchlorate	0.05	mg/kg	N	3.5	LANL Earthworm NOAEL	0.01	35	LANL Earthworm LOAEL	0.001

Table G-2: Location-Specific Screening for Manganese, Mercury, and Perchlorate for Potential Risks to Terrestrial Invertebrates: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Decision Unit	Location	Sample ID	Sample Depth (ft bgs)	Sample Date	Chemical Name	Result (a)	Unit	Detect	ESV	ESV Source (b)	ESV HQ	RSV	RSV Source (b)	RSV HQ
DU-1	RISB-40	RISB-40-0.5-20141121	0.5 - 1	11/21/2014	Perchlorate	0.045	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.01	35	LANL Earthworm LOAEL	0.001
DU-2	SA02	SA2-0.5	0.5 - 2	11/3/2006	Perchlorate	0.0357	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.01	35	LANL Earthworm LOAEL	0.001
DU-2	SA156	SA156-1BPC	0.5 - 1.5	5/6/2010	Perchlorate	0.032	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.009	35	LANL Earthworm LOAEL	0.0009
DU-1	RSAN4	RSAN4-0.5B	0 - 1.5	7/8/2009	Perchlorate	0.0225	mg/kg	N	3.5	LANL Earthworm NOAEL	0.006	35	LANL Earthworm LOAEL	0.0006
DU-2	RSAU4	RSAU4-0.5B	0.5 - 2	7/29/2009	Perchlorate	0.0225	mg/kg	N	3.5	LANL Earthworm NOAEL	0.006	35	LANL Earthworm LOAEL	0.0006
DU-2	SA147	SA147-0.5B	0.5 - 2	8/4/2009	Perchlorate	0.0225	mg/kg	N	3.5	LANL Earthworm NOAEL	0.006	35	LANL Earthworm LOAEL	0.0006
DU-1	RSAN3	RSAN3-0.5B	0 - 1.5	7/8/2009	Perchlorate	0.022	mg/kg	N	3.5	LANL Earthworm NOAEL	0.006	35	LANL Earthworm LOAEL	0.0006
DU-1	RSAO7	RSAO7-9B	0 - 1.5	10/12/2009	Perchlorate	0.022	mg/kg	N	3.5	LANL Earthworm NOAEL	0.006	35	LANL Earthworm LOAEL	0.0006
DU-1	RSAL6	RSAL6-0.5B	0 - 1.5	7/29/2009	Perchlorate	0.0215	mg/kg	N	3.5	LANL Earthworm NOAEL	0.006	35	LANL Earthworm LOAEL	0.0006
DU-1	SA35	SA35-0.5B	0 - 0	6/10/2009	Perchlorate	0.0215	mg/kg	N	3.5	LANL Earthworm NOAEL	0.006	35	LANL Earthworm LOAEL	0.0006
DU-1	RSAO3	RSAO3-0.5B	0 - 0	6/10/2009	Perchlorate	0.021	mg/kg	N	3.5	LANL Earthworm NOAEL	0.006	35	LANL Earthworm LOAEL	0.0006
DU-1	SSAI3-02	SSAI3-02-14BPC	0 - 0	8/7/2010	Perchlorate	0.016	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.005	35	LANL Earthworm LOAEL	0.0005
DU-1	RISB-39	RISB-39-0.5-20141121	0.5 - 1	11/21/2014	Perchlorate	0.014	mg/kg	Y	3.5	LANL Earthworm NOAEL	0.004	35	LANL Earthworm LOAEL	0.0004

Notes:
(a) Non-detect results presented as 1/2 the detection limit.
(b) The source of ESVs and RSVs is as follows:

For manganese: The ESV is from the Eco-SSL (Eco-SSL 2007). A study by Phillips et al. (2002), as cited in USEPA (2007), provides a toxicity value of 1,209 mg/kg for springtails, a soil invertebrate, and is used as the RSV to characterize risk to terrestrial invertebrates in this table.

For mercury: The ESV is from USEPA Region 4. No RSV was identified. Conder et al. (2015) reported that mercury concentrations between 0.2 mg/kg and 1 mg/kg are a more accurate representation of toxicity to benthic invertebrates. It is assumed that sediment thresholds are protective of terrestrial invertebrates. The median of these two values is used as the RSV.

For perchlorate: The LANL database contains both LOAEL and NOAEL TRVs, which are used for ESVs and RSVs, respectively. The NOAEL TRV (ESV) provides an initial screening step to characterize risk while the LOAEL TRV (RSV) provides a more realistic look at the risk.

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1000	100 < HQ

DU = Decision Unit
Eco-SSL = Ecological soil screening level (USEPA 2007)
ESV = Ecological screening value
HQ = Hazard quotient
ID = Identification
LANL = Los Alamos National Laboratory (LANL 2018)
LOAEL = Lowest observed adverse effect level
mg/kg = Milligram per kilogram
N = Not detected
NOAEL = No observed adverse effect level
Region 4 = USEPA Region 4 (USEPA 2018)
RSV = Refined screening value
USEPA = United States Environmental Protection Agency
TRV = Toxicity reference value
Y = Detected

References:

Eco-SSL ESVs and RSVs: USEPA. 2007. Ecological Soil Screening Level (Eco-SSL) Guidance and Documents. https://www.epa.gov/risk/ecological-soil-screening-level-eco-ssl-guidance-and-documents.

LANL 2020: N3B (Newport News Nuclear BWXT-Los Alamos, LLC), November 2020. "ECORISK Database (Release 4.2)," on CD, Newport News Nuclear BWXT-Los Alamos, LLC, document EM2020-0575, Los Alamos, New Mexico.

USEPA Region 4 ESVs: USEPA Region 4. Regional Ecological Risk Assessment Supplemental Guidance. https://www.epa.gov/risk/regional-ecological-risk-assessment-era-supplemental-guidance (Accessed April 16, 2018).

Conder, J.M., P.C. Fuchsman, M.M. Grover, V.S. Magar, and M.H. Henning. 2015. Critical Review of Mercury Sediment Values for the Protection of Benthic Invertebrates. Environmental Toxicology and Chemistry, Vol. 34, No. 1, pp. 6–21.

APPENDIX H
EXPOSURE PARAMETER DOCUMENTATION FOR RECEPTORS

H-1 Food Web Uptake Approach for Plants, Invertebrates and Prey Mammals

H-2 Exposure Parameters

APPENDIX H-1
FOOD WEB UPTAKE APPROACH FOR PLANTS, INVERTEBRATES, AND PREY MAMMALS

Table H-1a Food Web Uptake Approach for Soil to Terrestrial Plants

Table H-1b Food Web Uptake Approach for Soil to Terrestrial Invertebrates

Table H-1c Food Web Uptake Approach for Soil to Prey Mammals

TABLE H-1a: Food Web Uptake Approach for Soil to Terrestrial Plants
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Kow	Log (Kow)	Log (Koc)		Soil to Terrestrial Plant		
						BCF		Basis
Chlorine Oxyanions	Perchlorate	NA	NA	NA		ln(Cp)=0.5891 * ln(Cs) + 2.410	a	DW
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA		5.60E-03	b1	DW
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	NA		5.60E-03	b1	DW
Metals	Antimony	NA	NA	NA		ln(Cp) = 0.938 * ln(Cs) - 3.233	c	DW
Metals	Boron	NA	NA	NA		1.00E-01	e	DW
Metals	Cadmium	NA	NA	NA		ln(Cp) = 0.546 * ln(Cs) - 0.475	c	DW
Metals	Lead	NA	NA	NA		ln(Cp) = 0.561 * ln(Cs) - 1.328	c	DW
Metals	Manganese	NA	NA	NA		7.90E-02	c	DW
Metals	Mercury	NA	NA	NA		3.75E-02	b	DW
Metals	Vanadium	NA	NA	NA		4.85E-03	c	DW
OCPs	4,4'-DDE	5.75E+06	6.76E+00	4.94E+00	d	ln(Cp)= 0.7524 * ln(Cs) - 2.5119	c2	DW
OCPs	4,4'-DDT	3.39E+06	6.53E+00	5.83E+00	d	ln(Cp)= 0.7524 * ln(Cs) - 2.5119	c2	DW
OCPs	Calculated DDx (ND=0.5DL)	NA	NA	NA		ln(Cp)= 0.7524 * ln(Cs) - 2.5119	c	DW
OCPs	beta-BHC	6.46E+03	3.81E+00	3.33E+00	d	2.43E-01	b3	DW
OCPs	Hexachlorobenzene	7.76E+05	5.89E+00	4.90E+00	d	1.53E-02	b3	DW
PCBs	Calculated Total PCBs (ND=0.5DL)	NA	NA	NA		1.00E-02	b4	DW
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	NA	NA	NA		1.00E-02	b4	DW
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	NA	NA	NA		1.00E-02	b4	DW
SVOCs	Octachlorostyrene	NA	NA	NA		1.00E+00	c5	DW

Notes:

BCF = Bioconcentration factor
BHC = Benzene hexachloride
Cp = Concentration in plant tissue (mg/kg dry weight)
Cs = Concentration in soil (mg/kg)
D/F = Dioxins and furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
DW = Dry weight
Koc = Soil adsorption coefficient
Kow = Partition coefficient
ln = Natural log
log = Logarithm
NA = Not applicable
ND = Non-detected concentrations
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalent quotient

(a) Tsao A and Sample B. 2005. Literature-derived Bioaccumulation Models for Energetic Compounds in Plants and Soil Invertebrates. CH2M Hill Technical Memo prepared for Mark S. Johnson, US Army Center for Health Promotion and Preventive Medicine. Figure 3.1-9. As a conservative measure, the pooled monocot and dicot regression for uptake from soil was used.

(b) USEPA Region 6. 1999. Screening level ecological risk assessment protocol for hazardous waste combustion facilities. Volume One. EPA530-D-99-001A. August.

(c) USEPA. 2007. Guidance for Developing Ecological Soil Screening Levels (OSWER Directive 9285.7-55) Eco-SSL Guidance. Washington, D.C.: USEPA, Office of Solid Waste and Emergency Response. April.

(d) USEPA. 1996. Soil Screening Guidance: Technical Background Document (EPA/540/R-95/128). Part 5: Chemical-Specific Parameters. July. Table 36 for Kows and Table 39 for Kocs. Geomean values used.

(e) The uptake value from soil to terrestrial plants for boron is based on professional judgement. Boron is not listed as a bioaccumulative compound in USEPA guidance but since it is a site constituent, then 0.1 is considered a reasonable estimate so that some food web modeling could occur.

1 2,3,7,8-Tetrachlorodibenzo-p-dioxin uptake value used as a surrogate.

2 Equation for combined DDD, DDE, and DDT used as a surrogate for individual isomers.

3 The BCF was calculated as: log BCF = 1.588 - 0.578 x log Kow (Travis and Arms 1988 as cited in USEPA Region 6 USEPA Region 6 [1999], Table C-2).

4 Aroclor 1016 and Aroclor 1254 BCF values used as a surrogate.

5 USEPA 2007 Eco-SSL guidance suggests an uptake factor of 1 where no uptake values are available.

TABLE H-1b: Food Web Uptake Approach for Soil to Terrestrial Invertebrates
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Kow	Log (Kow)	Log (Koc)		Surface Soil to Terrestrial Invertebrate		
						BCF		Basis
Chlorine Oxyanions	Perchlorate	NA	NA	NA		2.26	a	DW
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	NA	NA	NA		0.19	b1,2	WW
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	NA	NA	NA		0.19	b1,2	WW
Metals	Antimony	NA	NA	NA		1.0	c	DW
Metals	Boron	NA	NA	NA		0.1	f	DW
Metals	Cadmium	NA	NA	NA		ln(Ci) = 0.795 * ln(Cs) + 2.114	c	DW
Metals	Lead	NA	NA	NA		ln(Ci) = 0.807 * ln(Cs) - 0.218	c	DW
Metals	Manganese	NA	NA	NA		ln(Ci) = 0.682 * ln(Cs) - 0.809	c	DW
Metals	Mercury	NA	NA	NA		0.04	e	WW
Metals	Vanadium	NA	NA	NA		0.042	c	DW
OCPs	4,4'-DDE	NA	NA	NA		ln(Ci) = 0.8804 * ln(Cs) + 2.4771	c	DW
OCPs	4,4'-DDT	NA	NA	NA		ln(Ci) = 0.8689 * ln(Cs) + 2.1247	c	DW
OCPs	Calculated DDx (ND=0.5DL)	NA	NA	NA		11.2	c	DW
OCPs	beta-BHC	6.46E+03	3.81E+00	3.33E+00	d	4.20	c3	WW
OCPs	Hexachlorobenzene	7.76E+05	5.89E+00	4.90E+00	d	7.29	c3	WW
PCBs	Calculated Total PCBs (ND=0.5DL)	NA	NA	NA		1.13	e4	WW
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	NA	NA	NA		1.13	e4	WW
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	NA	NA	NA		1.13	e4	WW
SVOCs	Octachlorostyrene	NA	NA	NA		1.00E+00	c5	DW

Notes:

BCF = Bioconcenrtration factor
BHC = Benzene hexachloride
Ci = Concentration in invertebrate tissue (mg/kg dry weight)
Cs = Concentration in soil (mg/kg)
D/F = Dioxins and furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
DW = Dry weight
fOC = Fraction organic carbon
Koc = Soil adsorption coefficient
Kow = Partition coefficient
log = Logarithm
ln = Natural log
NA = Not applicable
ND = Non-detected concentrations
OCPs = Organochlorine pesticides
TEQ = Toxic equivalent quotient
WW = Wet weight

(a) Tsao A and Sample B. 2005. Literature-derived Bioaccumulation Models for Energetic Compounds in Plants and Soil Invertebrates. CH2M Hill Technical Memo prepared for Mark S. Johnson, US Army Center for Health Promotion and Preventive Medicine. Table 3.2-1. Average earthworm uptake value from soil. https://www.denix.osd.mil/cmrmp/chemicalmanagement/riskassessment/general-information/tech-memo/F

(b) Ramboll calculated uptake factor based on USEPA 2007. See text for more details regarding the calculation.

(c) USEPA. 2007. Guidance for Developing Ecological Soil Screening Levels (OSWER Directive 9285.7-55) Eco-SSL Guidance. Washington, D.C.: USEPA, Office of Solid Waste and Emergency Response. April.

(d) USEPA. 1996. Soil Screening Guidance: Technical Background Document (EPA/540/R-95/128). Part 5: Chemical-Specific Parameters. July. Table 36 for Kows and Table 39 for Kocs. Median values used.

(e) USEPA Region 6. 1999. Screening Level Ecological Risk Assessment Protocol for Hazardous Waste Combustion Facilities. Volume One (EPA530-D-99-001A). August.

(f) The uptake value from soil to terrestrial invertebrates for boron is based on professional judgement. Boron is not listed as a bioaccumulative compound in USEPA guidance but since it is a site constituent, then 0.1 is considered a reasonable estimate so that some food web modeling could occur.

1 Value for 2,3,7,8-TCDD used as a surrogate.

2 The site-specific uptake factor for dioxin and furan TEQs (as 2,3,7,8-TCDD) is 0.39 times the concentration in soil, for wet weight earthworms. Because earthworms would be expected to accumulate dioxins and furans from soil at a rate more readily than other invertebrates, such as crickets, grasshoppers, moths, and other invertebrates that are also in the food web, this value is reduced to 0.19 in calculating the total daily intake for a receptor. See Section 4.5.2 of main report for derivation of this value.

3 For organic compounds with no available BCFs, the BCFs were determined using the following equation: Concentration in worm = Concentration in soil x (10^(0.87*log Kow - 2))/(fOC x Koc). The latter part of the equation is the BCF. This is from the USEPA 2007 Eco-SSL guidance document, Section 3.2.2 and Table 5 of Attachment 4-1. The average of Operations Area surface soil fOC concentrations was used (0.0023 kg organic carbon/kg soil).

4 Aroclor 1016 and Aroclor 1254 BCF values used as a surrogate.

5 USEPA 2007 Eco-SSL guidance suggests an uptake factor of 1 where no uptake values are available.

TABLE H-1c: Food Web Uptake Approach for Soil to Prey Mammals
Nevada Environmental Response Trust Site
Henderson, Nevada

Group	Chemical	Surface Soil to Prey Mammal		
		BCF		Basis
Chlorine Oxyanions	Perchlorate	0.47	a	DW
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	7.41E-04	b1	WW
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	7.41E-04	b1	WW
Metals	Antimony	Cm = 0.001 * 50 * Cd	c6	DW
Metals	Boron	0.1	d	DW
Metals	Cadmium	ln(Cm) = 0.4723 * ln(Cs) - 1.2571	c	DW
Metals	Lead	ln(Cm) = 0.4422 * ln(Cs) + 0.0761	c	DW
Metals	Manganese	2.05E-02	c	DW
Metals	Mercury	7.10E-05	b7	WW
Metals	Vanadium	1.23E-02	c	DW
OCPs	4,4'-DDE	ln(Cm) = 0.641* ln(Cd) + 3.6401	c2,6	DW
OCPs	4,4'-DDT	ln(Cm) = 0.7254* ln(Cd) + 1.1788	c6	DW
OCPs	Calculated DDx (ND=0.5DL)	4.83 * Cd	c6	DW
OCPs	beta-BHC	ln(Cm) = 0.7254* ln(Cd) + 1.1788	c3,6	DW
OCPs	Hexachlorobenzene	1.00E+00	c4	DW
PCBs	Calculated Total PCBs (ND=0.5DL)	5.52E-04	b5	WW
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	5.52E-04	b5	WW
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	5.52E-04	b5	WW
SVOCs	Octachlorostyrene	1.00E+00	c4	DW

Notes:

BCF = Bioconcentration factor
BHC = Benzene hexachloride
Cd = Concentration in terrestrial invertebrates
Cm = Concentration in mammals
Cs = Concentration in soil
D/F = Dioxins and furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = Sum of all DDT isomers and metabolites
DL = Detection limit
DW = Dry weight
ln = Natural logarithm
ND = Non-detected concentrations
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxic equivalent quotient
WW = Wet weight

(a) Smith, P.N., L. Yu, S.T. McMurry, T.A. Anderson. 2004. Perchlorate in Water, Soil, Vegetation, and Rodents collected from the Las Vegas Wash, Nevada, USA. Exposure Pollution 132(1): 121–127.

(b) USEPA Region 6. 1999. Screening Level Ecological Risk Assessment Protocol for Hazardous Waste Combustion Facilities. Volume One (EPA530-D-99-001A). August.

(c) USEPA. 2007. Guidance for Developing Ecological Soil Screening Levels (OSWER Directive 9285.7-55) Eco-SSL Guidance. Washington, D.C.: USEPA, Office of Solid Waste and Emergency Response. April.

(d) The uptake value from soil to terrestrial small mammals for boron is based on professional judgement. Boron is not listed as a bioaccumulative compound in USEPA guidance but since it is a site constituent, then 0.1 is considered a reasonable estimate so that some food web modeling could occur.

1 Value for 2,3,7,8-TCDD and least shrew used as a surrogate.

2 Value for DDE used as a surrogate.

3 No value available. Value for DDT from used as a surrogate.

4 USEPA 2007 Eco-SSL guidance suggests an uptake factor of 1 where no uptake values are available.

5 Value for Aroclor 1254 and least shrew used as a surrogate.

6 The site-specific uptake factor for organochlorine pesticides is based on the concentration of the pesticide in dry weight earthworms. Because earthworms would be expected to accumulate pesticides from soil at a rate more readily than other invertebrates, such as crickets, grasshoppers, moths, and other invertebrates that are also in the food web and more likely to be encountered at the site, the uptake into small mammals value is reduced by half in calculating the total daily intake for a receptor to reflect that half of the uptake from earthworms is the equivalent of the overall diet which includes other lesser exposed soil invertebrates.

7 Least shrew used as a surrogate.

APPENDIX H-2
EXPOSURE PARAMETERS

Table H-2a Coopers Hawk Exposure Parameters
Table H-2b Kit Fox Exposure Parameters
Table H-2c Western Burrowing Owl Exposure Parameters
Table H-2d American Robin Exposure Parameters
Table H-2e Desert Shrew Exposure Parameters
Table H-2f Fringed Myotis Exposure Parameters
Table H-2g Raccoon Exposure Parameters
Table H-2h Mourning Dove Exposure Parameters
Table H-2i Great Basin Pocket Mouse Exposure Parameters

TABLE H-2a: Coopers Hawk Exposure Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Exposure Parameter	Description	Values Selected for Exposure and Risk Calculations
Cooper's Hawk	Order: Accipitriformes Family: Accipitridae Species: *Accipiter cooperii*	
Body Weight (BW) (kg)	Weight of male birds can range from 220-410 grams and weight of females birds can range from 330-680 grams (Cornell University 2017).	Average of 0.315 kg (male) Average of 0.505 kg (female) Average of 0.410 kg (both)
Dietary Makeup	Cooper's hawk are reported to forage primarily on medium-sized birds (approximately 60-80%), with small mammals making up the remainder. However, Bielefeldt et al. (1992) suggest that the methods used in most dietary studies overestimate the proportion of birds in the diet and that small mammals may constitute the primary food. (ORNL 1997).	60-80% Birds 20-40% Small Mammals
Ingestion Rate for Food (IRf) (kg ww/d)	Craighead and Craighead (1969, as cited in ORNL 1997) estimated the average consumption of two females and a male during spring and summer to be 0.165 grams of wet weight food per gram of body weight per day. This converts to 0.0677 kg ww food per day using an average body weight of 410 grams.	0.0677
Ingestion Rate for Water (IRw) (L/day)	Based on the allometric equation for water intake for all birds: Water Intake (L/day) = 0.059 $Wt^{0.67}$, where Wt is in kg (USEPA 1993).	0.03247
Ingestion Rate for Soil (IRs) (as % of diet)	Assume that soil consumption does not occur with predation of birds and mammals.	0%
Home Range (ha)	Reported home range size range from 400 to 1,800 ha during breeding season with a mean non-breeding range of 203 ha (18-531ha) (ORNL 1997)	203
Area Use Factor (AUF) (unitless)	The AUF is the ratio of the site area to the home range, not to exceed a maximum value of 1. Site areas: Operations Area (105 ha); Eco DU-1 (53.7 ha); Eco DU-2 (20.7 ha); Eco DU-3 (3.44 ha); Parcel E (3.48 ha).	Operations Area: 0.52 Eco DU-1: 0.26 Eco DU-2: 0.10 Eco DU-1: 0.017 Parcel E: 0.017
Exposure Frequency (EF) (unitless)	Brids from the northern potion of the range are migratory, although some stay resident year-round even in Canada. Southern birds may be locally migratory or more or less resident, leaving high elevations for more protected low elevations during winterNorthern populations migratory (ORNL 1997). Cooper's hawks at the site are presumed to be year-round residents.	1

Notes:
AUF = Area Use Factor
BW = Body weight
EF = Exposure frequency
g = Gram
ha = Hectare
IRf = Ingestion rate for food
IRs = Ingestion rate for soil
IRw = Ingestion rate for water
kg = Kilogram
L = Liter
Wt = Weight

References:
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ORNL 1997: Sample, B.E., M.S. Aplin, R.A. Efroymson, G.W. Suter II, and C.J.E. Welsch. 1997. Methods and Tools for Estimation of the Exposure of Terrestrial Wildlife to Contaminants (ORNL/TM-13391). Oak Ridge National Laboratory, Oak Ridge, Tennessee. 155 pg.

USEPA 1993: USEPA. 1993. Wildlife Exposure Factors Handbook - Volume 1 of II (EPA/600/R-93/187). Washington, D.C.: Office of Research and Development, USEPA. December.

TABLE H-2b: Kit Fox Exposure Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Exposure Parameter	Description	Values Selected for Exposure and Risk Calculations
Kit Fox	Order: Carnivora Family: Canidae Species: *Vulpes macrotis*	
Body Weight (BW) (g)	The mean adult body weight for both males and females is 1.78 kg for kit foxes in Arizona (range 1.67 - 1.87 kg) (ORNL 1997).	1780 g
Dietary Makeup	Kit foxes are almost exclusively carnivorous, with primary prey being small mammals and rabbits (McGrew 1979, as cited in ORNL 1997).	100% Small Mammals
Ingestion Rate for Food (IRf) (kg ww/day)	Egoscue (1962, as cited in ORNL 1997) determined that captive kit foxes ate an average of 175 grams of fresh meat per day or 0.175 kg of wet food per day.	0.175
Ingestion Rate for Water (IRw) (L/day)	Kit foxes appear to obtain adequate moisture from their prey species (ORNL 1997).	0%
Ingestion Rate for Soil (IRs) (as % of diet)	Literature data on soil consumption for kit foxes could not be found; therefore, the value for red fox was used as a surrogate (ONRL 1997).	2.80%
Home Range (ha)	The overall average home range for kit foxes in Arizona was 1120 ± 94 ha (ORNL 1997).	1120
Area Use Factor (AUF) (unitless)	The AUF is the ratio of the site area to the home range, not to exceed a maximum value of 1. Site areas: Operations Area (105 ha); Eco DU-1 (53.7 ha); Eco DU-2 (20.7 ha); Eco DU-3 (3.44 ha); Parcel E (3.48 ha).	Operations Area: 0.094 Eco DU-1: 0.048 Eco DU-2: 0.018 Eco DU-1: 0.0031 Parcel E: 0.0031
Exposure Frequency	Kit foxes are non-migratory.	EF = 1

Notes:
AUF = Area Use Factor
BW = Body weight
EF = Exposure frequency
g = Gram
ha = Hectare
IRf = Ingestion rate for food
IRs = Ingestion rate for soil
IRw = Ingestion rate for water
kg = Kilogram
L = Liter
Wt = Weight

References:
USACHPPM 2004: USACHPPM. 2004. Development of Terrestrial Exposure and Bioaccumulation Informaion for the Army Risk Assessment Modeling System (ARAMS). U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM) Contract Number DAAD050-00-P-8365, Aberdeen Proving Ground, Maryland, 2004.

USEPA 1993: USEPA. 1993. Wildlife Exposure Factors Handbook - Volume 1 of II (EPA/600/R-93/187). Washington, D.C.: Office of Research and Development, USEPA. December.

TABLE H-2c: Burrowing Owl Exposure Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Exposure Parameter	Description	Values Selected for Exposure and Risk Calculations
Burrowing Owl	Order: Strigiformes Family: Strigidae Species: *Athene cunicularia*	
Body Weight (BW) (kg)	The average body weight of burrowing owls in Colorado is 146.3 grams (males) and 156.1 grams (females) (ORNL 1997).	0.146 kg (male) 0.156 kg (female) 0.151 kg (both)
Dietary Makeup	Burrowing owls are opportunistic feeders, foraging on arthropods, small mammals, and small birds. Diets vary by season, according to availability of prey.	25% Small Mammals 75% Invertebrates
Ingestion Rate for Food (IRf) (kg ww/day)	Based on the allometric equation for non-passerine birds: food Intake (g/day) = 0.301 $Wt^{0.751}$, where Wt is in grams (USEPA 1993), and converted to wet weight using 70% moisture content (USEPA 1993).	0.043
Ingestion Rate for Water (IRw) (L/day)	Based on the allometric equation for water intake for all birds. Water Intake (L/day) = 0.059 $Wt^{0.67}$, where Wt is in kg. (USEPA 1993)	0.01663
Ingestion Rate for Soil (IRs) (as % of diet)	Sand, dirt, and rocks accounted for 0.12 to 15% of the volume of pellets of burrowing owls from California (ORNL 1997).	5% of diet
Home Range (ha)	Although the mean home range size of owls in Saskatchewan was 241 ha (range = 14-481 ha; Haug and Oliphant 1990 as cited in ORNL 1997), 95% of all movement occurred within 600 m of nest burrows.. Assumes circular home range with radius of 600m.	113
Area Use Factor (AUF) (unitless)	The AUF is the ratio of the site area to the home range, not to exceed a maximum value of 1. Site areas: Operations Area (105 ha); Eco DU-1 (53.7 ha); Eco DU-2 (20.7 ha); Eco DU-3 (3.44 ha); Parcel E (3.48 ha).	Operations Area: 0.93 Eco DU-1: 0.48 Eco DU-2: 0.18 Eco DU-1: 0.030 Parcel E: 0.031
Exposure Frequency	Generally year-round residents.	EF = 1

Notes:
AUF = Area Use Factor
BW = Body weight
EF = Exposure frequency
g = Gram
ha = Hectare
IRf = Ingestion rate for food
IRs = Ingestion rate for soil
IRw = Ingestion rate for water
kg = Kilogram
L = Liter
Wt = Weight

References:
USACHPPM 2004: USACHPPM. 2004. Development of Terrestrial Exposure and Bioaccumulation Informaion for the Army Risk Assessment Modeling System (ARAMS). U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM) Contract Number DAAD050-00-P-8365, Aberdeen Proving Ground, Maryland, 2004.

USEPA 1993: USEPA. 1993. Wildlife Exposure Factors Handbook - Volume 1 of II (EPA/600/R-93/187). Washington, D.C.: Office of Research and Development, USEPA. December.

TABLE H-2d: American Robin Expsoure Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Exposure Parameter	Description	Values Selected for Exposure and Risk Calculations
American Robin	Order: Passeriformes Family: Turdidae Species: *Turdus migratorius*	
Body Weight (BW) (kg)	Mean adult body weights range from 77 to 86 grams. The average mean adult body weight is approximately 81 grams (USEPA 1993).	0.081
Dietary Makeup	Robins forage by hopping along the ground in search of ground-dwelling invertebrates and by searching for fruit and foliage-dwelling insects in shrubs and low tree branches. In the months preceding and during the breeding season, robins feed mainly on invertebrates and on some fruits; during the remainder of the year, their diet consists primarily of fruits (USEPA 1993).	40 to 90% Invertebrates 10 to 60% Plants
Ingestion Rate for Food (IRf) (kg ww/day)	The average of two food ingestion rates (0.89 g/g-day and 1.52 g/g-day) for adults and juvenile robins was used (USEPA 1993). This was converted to 0.098 kg ww food/day using an average body weight of 0.081 kilograms.	0.098
Ingestion Rate for Water (IRw) (L/day)	Based on the allometric equation for water intake for all birds. Water Intake (L/day) = 0.059 $Wt^{0.67}$, where Wt is in kilograms (USEPA 1993).	0.011
Ingestion Rate for Soil (IRs) (as % of diet)	Information on soil ingestion in American robins could not be found. According to US Army (2004), both robins and woodcocks consume earthworms; however, earthworms comprise >60 percent and up to 99 percent of the American woodcock diet compared to <20 percent of the American robin diet (Howell, 1942). Therefore, the soil ingestion rate of 10.4% of the diet reported for American woodcocks is likely to be an extreme upperbound for the robin. If the soil ingestion rate is proportioned to the percent of earthworms in the diet, then soil would only make up 2.1 percent of the robin diet (USACHPPM 2004).	2%
Home Range (ha)	Mean home range sizes range for male and female adult robins are 0.15 to 0.81 ha. The average is approximately 0.30 ha (USEPA 1993).	0.48
Area Use Factor (AUF) (unitless)	The AUF is the ratio of the site area to the home range, not to exceed a maximum value of 1. The robins are assumed to forage exclusively on the site.	AUF=1 (all areas)
Exposure Frequency (EF) (unitless)	Most robins nesting in the northern United States and Canada winter in the Gulf Coast States and the Carolinas. Most northern robins leave their breeding grounds from September to November and return between February and April. Robins at the site are presumed to be year-round residents.	EF = 1

Notes:
AUF = Area Use Factor
BW = Body weight
EF = Exposure frequency
g = Gram
ha = Hectare
IRf = Ingestion rate for food
IRs = Ingestion rate for soil
IRw = Ingestion rate for water
kg = Kilogram
L = Liter
Wt = Weight

References:
USACHPPM 2004: USACHPPM. 2004. Development of Terrestrial Exposure and Bioaccumulation Informaion for the Army Risk Assessment Modeling System (ARAMS). U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM) Contract Number DAAD050-00-P-8365, Aberdeen Proving Ground, Maryland, 2004.

USEPA 1993: USEPA. 1993. Wildlife Exposure Factors Handbook - Volume 1 of II (EPA/600/R-93/187). Washington, D.C.: Office of Research and Development, USEPA. December.

TABLE H-2e: Desert Shrew Exposure Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Exposure Parameter	Description	Values Selected for Exposure and Risk Calculations
Desert Shrew	Order: Insectivora Family: Soricidae Species: *Nitiosorex crawfordi*	
Body Weight (BW) (kg)	The average weight is 4 g with a range from 3.5 to 4.5 g for adults (USACHPPM 2004).	0.0040
Dietary Makeup	Desert shrews are carnivorous, primarily insectivorous, but are nonselective in their diets. Common prey items include ground dwelling invertebrates such as crickets, cockroaches, grasshoppers, earwigs, and beetles as well as meal worms and cut worms. Occasionally they will eat centipedes and carrion such as dead birds, mammals, and reptiles, but will not eat live rodents (Armstrong and Jones, 1972; as cited in USACHPPM 2004).	95% Invertebrates 5% Small Mammals
Ingestion Rate for Food (IRf) (kg ww/day)	Dixon (1924; as cited in USACHPPM 2004) reported that a captive desert shrew consumed 2.3 g of food per day or 0.0023 kg of wet food per day. Desert shrews generally consume 75 percent or more of their body weight each day, and may consume food exceeding their own weight in a 24-hour period (USACHPPM 2004).	0.0023
Ingestion Rate for Water (IRw) (L/day)	Desert Shrews have extremely efficient kidneys relative to other shrews and a permanent source of water does not appear to be required. Where water is not available, the desert shrew appears to be able to obtain sufficient water for survival from its' food sources . If water is available, however, desert shrews will readily drink and are often found in the vicinity of a water source (USACHPPM 2004). Based on the allometric equation for all mammals (USEPA 1993): Water Intake L/day = 0.099 $Wt^{0.90}$, weight is in kilograms	0.0007
Ingestion Rate for Soil (IRs) (as % of diet)	Talmage and Walton (1993; as cited in USACHPPM 2004) reported a soil ingestion rate of 13 percent of the diet for short-tailed shrews and it is likely that desert shrews have a similar rate.	13%
Home Range (ha)	No information readily available regarding the home range of desert shrews in the wild. The home range of desert shrew is estimated to be between 0.08-0.72 hectares using the following equations (USACHPPM 2004), an average body weight of 4 grams, and converted to hectares (if needed): HR = 6.76 $Wt^{0.63}$, weight in kilograms (general equation) HR = 12.6 $Wt^{0.71}$, weight in kilograms (equation for hunters, which includes granivores, frugivores, insectivores, and carnivores) HR = 0.11 $Wt^{1.36}$, weight in grams (equation for carnivores) The average of the three calculated home ranges was used.	0.30
Area Use Factor (AUF) (unitless)	The AUF is the ratio of the site area to the home range, not to exceed a maximum value of 1. Shrew are assumed to forage exclusively on the site.	AUF=1 (all areas)
Exposure Frequency	Shrews do not migrate; therefore, a value of 1 will be used to represent the annual presence of indigenous populations (USEPA 1993).	EF=1

TABLE H-2e: Desert Shrew Exposure Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:
AUF = Area Use Factor
BW = Body weight
EF = Exposure frequency
g = Gram
ha = Hectare
IRf = Ingestion rate for food
IRs = Ingestion rate for soil
IRw = Ingestion rate for water
kg = Kilogram
L = Liter

SFF = Site foraging frequency
Wt = Weight

References:
USACHPPM 2004: USACHPPM. 2004. Development of Terrestrial Exposure and Bioaccumulation Informaion for the Army Risk Assessment Modeling System (ARAMS). U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM) Contract Number DAAD050-00-P-8365, Aberdeen Proving Ground, Maryland, 2004.

USEPA 1993: USEPA. 1993. Wildlife Exposure Factors Handbook - Volume 1 of II (EPA/600/R-93/187). Washington, D.C.: Office of Research and Development, USEPA. December.

TABLE H-2f: Fringed Myotis Exposure Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Exposure Parameter	Description	Values Selected for Exposure and Risk Calculations
Fringed Myotis (Mouse eared bat)	Order: Chiroptera Family: Vespertilionidae Species: *Myotis thysanodes*	
Body Weight (BW) (kg)	*Myotis thysanodes* is one of the larger *Myotis* species, with an adult weight of 5 to 9 grams (ADW 2002).	0.007
Dietary Makeup	Fringed myotis feed primarily on beetles and other insects such as moths, harvestman, crickets, flies, and spiders (CWHRS 2016; ADW 2002).	100% Invertebrates
Ingestion Rate for Food (IRf) (kg ww/day)	Food ingestion rate for fringed myotis was calculated based on the allometric equation for all mammals (USEPA 1993): Food Intake (kg/day) = 0.235 $Wt^{0.822}$, weight in grams It was converted to kg ww food/day using an approximate average of 75% moisture content in prey items (USEPA 1993).	0.0047
Ingestion Rate for Water (IRw) (L/day)	The ingestion rate for water is based on the allometric equation for all mammals (USEPA 1993): Water Intake (L/day) = 0.099 $Wt^{0.90}$, weight in kilograms	0.0011
Ingestion Rate for Soil (IRs) (as % of diet)	No published data were found concerning soil ingestion by fringed myotis; however, as an aerial insectivore, soil ingestion is assumed to be negligible.	0%
Home Range (hectares)	There is no information readily available on the home range of the fringed myotis; therefore, the home range of the spotted bat was used as a surrogate. In a study by Chamber et al. (2011) in Arizona, spotted bats had a home range of 297 km2, or 29,700 hectares.	29,700
Area Use Factor (AUF) (unitless)	The AUF is the ratio of the site area to the home range, not to exceed a maximum value of 1. Site areas: Operations Area (105 ha); Eco DU-1 (53.7 ha); Eco DU-2 (20.7 ha); Eco DU-3 (3.44 ha); Parcel E (3.48 ha).	Operations Area: 0.0035 Eco DU-1: 0.0018 Eco DU-2: 0.0007 Eco DU-1: 0.00012 Parcel E: 0.00012
Exposure Frequency	The species is migratory, making relatively short, local movements to suitable habitat (CWHRS 2016).	EF=1

Notes:
AUF = Area Use Factor
BW = Body weight
EF = Exposure frequency
g = Gram
ha = Hectare
IRf = Ingestion rate for food
IRs = Ingestion rate for soil
IRw = Ingestion rate for water
kg = Kilogram
L = Liter
Wt = Weight

References:
ADW 2002: Vingiello, S. 2002. "Myotis thysanodes" (On-line), Animal Diversity Web. Accessed September 06, 2019 at https://animaldiversity.org/accounts/Myotis_thysanodes/

Chambers et al. (2011): Chambers, C.L., M.J. Herder, K. Yasuda, D.G. Mikesic, S.M. Dewhurst, W.M. Masters, and D. Vleck. 2011. Roosts and home ranges of spotted bats (Euderma maculatum) in northern Arizona. Canadian Journal of Zoology 89(12): 1256-1267.

CWHRS 2016: Harris J. 2016. California Wildlife Habitat Relationship System, California Department of Fish and Wildlife, California Interagency Wildlife Task Group. https://www.wildlife.ca.gov/Data/CWHR/Life-History-and-Range (Last updated 2016; Accessed 9/6/2019).

USEPA 1993: USEPA. 1993. Wildlife Exposure Factors Handbook - Volume 1 of II (EPA/600/R-93/187). Washington, D.C.: Office of Research and Development, USEPA. December.

TABLE H-2g: Raccoon Exposure Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Exposure Parameter	Description	Values Selected for Exposure and Risk Calculations
Raccoon	Order: Carnivora Family: Procyonidae Species: *Procyon lotor*	
Body Weight (BW) (kg)	Mean adult body weight ranges from 3.67 to 7.6 kilograms (kg) (USEPA 1993). The average mean body weights is 5.6 kg.	5.6
Dietary Makeup	Raccoons are omnivores and opportunistic eaters. They feed primarily on fleshy fruits, nuts, acorns, and corn but also eat grains, insects, frogs crayfish, eggs, and virtually any animal and vegetable matter. The proportion of different foods in their diet depends on location and season, although plants are usually a more important component of the diet (USEPA 1993).	40% Invertebrates 60% Plants
Ingestion Rate for Food (IRf) (kg ww/day)	Food ingestion rate was calculated using the allometric equation for all mammals (USEPA 1993): Food Intake (g/day) = 0.235 $Wt^{0.822}$, weight in grams.	1.14
Ingestion Rate for Water (IRw) (L/day)	Water ingestion rate was calculated using the allometric equation for all mammals (USEPA 1993): Water Intake L/day = 0.099 $Wt^{0.90}$, weight in kilograms.	0.47
Ingestion Rate for Soil (IRs) (as % of diet)	The estimated percent soil in diet (in dry weight) for raccoons is 9.4%.	9.40%
Home Range (ha)	Mean home range sizes range from 39 to 2,560 ha (USEPA 1993). Average of mean home range sizes is 630 ha.	630
Area Use Factor (AUF) (unitless)	The AUF is the ratio of the site area to the home range, not to exceed a maximum value of 1. Site areas: Operations Area (105 ha); Eco DU-1 (53.7 ha); Eco DU-2 (20.7 ha); Eco DU-3 (3.44 ha); Parcel E (3.48 ha).	Operations Area: 0.17 Eco DU-1: 0.085 Eco DU-2: 0.033 Eco DU-1: 0.0055 Parcel E: 0.0055
Exposure Frequency	Racoons are year-round residents at the site.	EF=1

Notes:
AUF = Area Use Factor
BW = Body weight
EF = Exposure frequency
g = Gram
ha = Hectare
IRf = Ingestion rate for food
IRs = Ingestion rate for soil
IRw = Ingestion rate for water
kg = Kilogram
L = Liter
Wt = Weight

References:
USEPA 1993: USEPA. 1993. Wildlife Exposure Factors Handbook - Volume 1 of II (EPA/600/R-93/187). Washington, D.C.: Office of Research and Development, USEPA. December.

TABLE H-2h: Mourning Dove Exposure Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Exposure Parameter	Description	Values Selected for Exposure and Risk Calculations
Mourning Dove	Order: Columbiformes Family: Columbidae Species: *Zenaida macroura*	
Body Weight (BW) (kg)	The average mean range of mourning doves ranged from 99.3-114.6 grams for those in New Mexico (USACHPPM 2004). The average of 0.107 kilograms was used.	0.107
Dietary Makeup	Diet consists mostly of seeds although incidental ingestion of animal matter, mainly snails, and green forage may occur (USACHPPM 2004).	100% Plants
Ingestion Rate for Food (IRf) (kg ww/day)	A range for the food consumption rate of 7 to 17 grams wet food per day (or 0.007 to 0.017 kilogram wet food per day) was estimated for the mourning dove. In general, daily food intake equals about 16 percent of the body mass though it fluctuates during different seasons (USACHPPM 2004). The average (0.012 kg ww/day) of the two food ingestion values was used.	0.012
Ingestion Rate for Water (IRw) (L/day)	Water ingestion rates were calculated using the allometric equation for water intake for all birds (USEPA 1993): Water Intake (L/day) = 0.059 $Wt^{0.67}$, where Wt is in kilograms.	0.013
Ingestion Rate for Soil (IRs) (as % of diet)	No information on soil ingestion was found in the literature. Beyer et al. (1994, as cited in USACHPPM 2004) reported soil ingestion of 9.3 percent of diet for wild turkeys. Because mourning doves also forage on the ground, it is assumed that mourning doves would have a comparable soil ingestion to that of wild turkeys. However, it should be noted that 9.3 percent is likely an upperbound value and therefore, its use would be very conservative (USACHPPM 2004).	9.3%
Home Range (ha)	In Missouri, adult mourning doves had feeding and resting areas located considerable distances from nest sites , with males ranging 1 - 8 km from the nest daily. Females sometimes seen as far as 5 km from nest. In Idaho, maximum distances traveled from feeding and loafing sites to nests averaged 4 km (USACHPPM 2004). Home range in hectares was calculated using a radius of 4.467 km (average kilometer of home ranges), assuming a circular home range, and converted to hectares.	6,265
Area Use Factor (AUF) (unitless)	The AUF is the ratio of the site area to the home range, not to exceed a maximum value of 1. Site areas: Operations Area (105 ha); Eco DU-1 (53.7 ha); Eco DU-2 (20.7 ha); Eco DU-3 (3.44 ha); Parcel E (3.48 ha).	Operations Area: 0.017 Eco DU-1: 0.0086 Eco DU-2: 0.0033 Eco DU-1: 0.00055 Parcel E: 0.00056
Exposure Frequency	Specific habitats used during migration not well studied but do not appear to differ markedly from those used at other times of year. Habitat quality is determined primarily by food availability and roosting and loafing cover. Assumed to be non-migratory.	EF=1

Notes:
AUF = Area Use Factor
BW = Body weight
EF = Exposure frequency
g = Gram
ha = Hectare
IRf = Ingestion rate for food
IRs = Ingestion rate for soil
IRw = Ingestion rate for water
kg = Kilogram
L = Liter
Wt = Weight

References:
USACHPPM 2004: USACHPPM. 2004. Development of Terrestrial Exposure and Bioaccumulation Informaion for the Army Risk Assessment Modeling System (ARAMS). U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM) Contract Number DAAD050-00-P-8365, Aberdeen Proving Ground, Maryland, 2004.

USEPA 1993: USEPA. 1993. Wildlife Exposure Factors Handbook - Volume 1 of II (EPA/600/R-93/187). Washington, D.C.: Office of Research and Development, USEPA. December.

TABLE H-2i: Great Basin Pocket Mouse Exposure Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Exposure Parameter	Description	Values Selected for Exposure and Risk Calculations
Great Basin Pocket Mouse	Order: Rodentia Family: Heteromyidae Species: *Perognathus parvus*	
Body Weight (BW) (kg)	The mean adult body weight in Nevada range is 25.4 g (males) and 20.5 g (females) (ORNL 1997). The mean of of 22.95 grams was used.	0.02295
Dietary Makeup	The diet of pocket mice consist primarily of seeds, although insects may be consumed in spring before seeds become available (ORNL 1997).	10% Invertebrates 90% Plant Material
Ingestion Rate for Food (IRf) (kg ww/day)	Food ingestion rates were calculated using the allometric equation for rodents (USEPA 1993): Food Intake g/day = 0.621 $Wt^{0.564}$, with weight in grams.	0.004
Ingestion Rate for Water (IRw) (L/day)	Pocket mice generally do not require water other than that contained in their food (ORNL 1997).	0
Ingestion Rate for Soil (IRs) (as % of diet)	Specific soil ingestion data was not readily available for the Great Basin pocket mouse. Soil ingestion by burrowing rodents is typically < 2% to 7.7% (ORNL 1997). The average value of this was used for the pocket mouse.	4.85%
Home Range (ha)	Home range size in New Mexico ranged from 0.44 to 2.24 ha (ORNL 1997). The average home range for the pocket mouse was used.	1.09
Area Use Factor (AUF) (unitless)	The AUF is the ratio of the site area to the home range, not to exceed a maximum value of 1. Mice are assumed to forage exclusively on the site.	AUF=1 (all areas)
Exposure Frequency	Pocket mice are year-round residents at the site.	EF=1

Notes:
AUF = Area Use Factor
BW = Body weight
EF = Exposure frequency
g = Gram
ha = Hectare
IRf = Ingestion rate for food
IRs = Ingestion rate for soil
IRw = Ingestion rate for water
kg = Kilogram
L = Liter
Wt = Weight

References:
ORNL 1997: Sample, B.E., M.S. Aplin, R.A. Efroymson, G.W. Suter II, and C.J.E. Welsch. 1997. Methods and Tools for Estimation of the Exposure of Terrestrial Wildlife to Contaminants (ORNL/TM-13391). Oak Ridge National Laboratory, Oak Ridge, Tennessee. 155 pg.

USEPA 1993: USEPA. 1993. Wildlife Exposure Factors Handbook - Volume 1 of II (EPA/600/R-93/187). Washington, D.C.: Office of Research and Development, USEPA. December.

APPENDIX I
TOTAL DAILY INTAKE DOCUMENTATION FOR THE OU-1 REFINED SLERA FOOD WEB MODEL

I-1 Operations Area
I-2 Eco DU-1
I-3 Eco DU-2
I-4 Eco DU-3
I-5 Parcel E

APPENDIX I-1
OPERATIONS AREA

Table I-1a Potential Daily Dose and Hazard Quotients for Coppers Hawk: Operations Area

Table I-1b Potential Daily Dose and Hazard Quotients for Kit Fox: Operations Area

Table I-1c Potential Daily Dose and Hazard Quotients for Western Burrowing Owl: Operations Area

Table I-1d Potential Daily Dose and Hazard Quotients for American Robin: Operations Area

Table I-1e Potential Daily Dose and Hazard Quotients for Desert Shrew: Operations Area

Table I-1f Potential Daily Dose and Hazard Quotients for Fringed Myotis: Operations Area

Table I-1g Potential Daily Dose and Hazard Quotients for Raccoon: Operations Area

Table I-1h Potential Daily Dose and Hazard Quotients for Mourning Dove: Operations Area

Table I-1i Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse: Operations Area

TABLE I-1a: Potential Daily Dose and Hazard Quotients for Coopers Hawk: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.52) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+03	2.36E+02	1.62E+03	6.72E+02	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.11E+02	100	1.11E+02	1.30E+01	2.60E+01	9	4	4	2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.49E-02	3.78E-05	8.76E-03	3.33E-05	0.00E+00	0	0.00E+00	0	0.00E+00	0	5.50E-06	100	5.50E-06	1.40E-05	1.40E-04	0.4	0.04	0.2	0.02
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	3.14E-02	2.64E-05	6.13E-03	2.33E-05	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.84E-06	100	3.84E-06	NA	NA	NA	NA	NA	NA
Metals	Antimony	2.40E+00	1.34E-02	3.84E-01	1.92E-02	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.17E-03	100	3.17E-03	NC	NC	NC	NC	NC	NC
Metals	Boron	1.51E+03	2.27E+01	2.42E+01	4.83E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	7.97E+00	100	7.97E+00	2.88E+01	1.00E+02	0.3	0.08	0.1	0.04
Metals	Lead	2.67E+02	9.13E-01	1.17E+01	4.09E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.74E-01	100	6.74E-01	1.63E+00	3.26E+00	0.4	0.2	0.2	0.1
Metals	Manganese	2.50E+05	2.96E+03	3.42E+02	1.64E+03	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.71E+02	100	2.71E+02	1.79E+02	3.77E+02	2	0.7	0.8	0.4
Metals	Mercury	1.80E+00	1.01E-02	7.20E-02	1.28E-04	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.11E-05	100	2.11E-05	3.25E-01	3.25E+00	0.00006	0.000006	0.00003	0.000003
Metals	Vanadium	6.76E+01	4.92E-02	4.54E-01	2.66E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	4.39E-02	100	4.39E-02	3.44E-01	6.88E-01	0.1	0.06	0.07	0.03
OCPs	4,4'-DDE	3.50E+00	3.12E-02	5.74E+00	7.76E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.28E+01	100	1.28E+01	2.27E-01	2.27E+00	60	6	30	3
OCPs	4,4'-DDT	7.70E-01	9.99E-03	1.07E+00	2.49E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	4.11E-01	100	4.11E-01	2.27E-01	2.27E+00	2	0.2	0.9	0.09
OCPs	Calculated DDx (ND=0.5DL)	4.30E+00	3.65E-02	7.71E+00	3.72E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.14E+00	100	6.14E+00	2.27E-01	2.27E+00	30	3	10	**1**
OCPs	beta-BHC	8.70E-01	3.17E-02	3.65E+00	6.08E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.00E+00	100	1.00E+00	5.60E-01	2.25E+00	2	0.4	0.9	0.2
OCPs	Hexachlorobenzene	4.60E+00	1.05E-02	3.35E+01	1.47E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.43E-01	100	2.43E-01	2.25E-01	2.25E+00	**1**	0.1	0.6	0.06
PCBs	Calculated Total PCBs (ND=0.5DL)	8.59E-01	1.29E-03	9.71E-01	4.74E-04	0.00E+00	0	0.00E+00	0	0.00E+00	0	7.82E-05	100	7.82E-05	1.47E+00	3.20E+00	0.00005	0.00002	0.00003	0.00001
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.07E-04	1.60E-07	1.21E-04	5.91E-08	0.00E+00	0	0.00E+00	0	0.00E+00	0	9.75E-09	100	9.75E-09	1.40E-05	1.40E-04	0.0007	0.00007	0.0004	0.00004
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	5.98E-05	8.97E-08	6.76E-05	3.30E-08	0.00E+00	0	0.00E+00	0	0.00E+00	0	5.45E-09	100	5.45E-09	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.86E-02	100	6.86E-02	2.48E+00	2.48E+01	0.03	0.003	0.01	0.001

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.52) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.60E+02	3.32E+01	5.80E+01	2.41E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.98E+00	100	3.98E+00	1.30E+01	2.60E+01	0.3	0.2	0.2	0.08
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03	1.21E-06	2.81E-04	1.07E-06	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.76E-07	100	1.76E-07	1.40E-05	1.40E-04	0.01	0.001	0.007	0.0007
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	8.70E-04	7.31E-07	1.70E-04	6.45E-07	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.06E-07	100	1.06E-07	NA	NA	NA	NA	NA	NA
Metals	Antimony	4.70E-01	2.92E-03	7.52E-02	3.76E-03	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.21E-04	100	6.21E-04	NC	NC	NC	NC	NC	NC
Metals	Boron	5.34E+01	8.00E-01	8.54E-01	1.71E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.82E-01	100	2.82E-01	2.88E+01	1.00E+02	0.01	0.003	0.005	0.001
Metals	Lead	1.92E+01	2.09E-01	1.40E+00	1.28E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.11E-01	100	2.11E-01	1.63E+00	3.26E+00	0.1	0.06	0.07	0.03
Metals	Manganese	8.55E+03	1.01E+02	3.42E+01	5.61E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	9.26E+00	100	9.26E+00	1.79E+02	3.77E+02	0.05	0.02	0.03	0.01
Metals	Mercury	7.87E-02	4.43E-04	3.15E-03	5.59E-06	0.00E+00	0	0.00E+00	0	0.00E+00	0	9.22E-07	100	9.22E-07	3.25E-01	3.25E+00	0.000003	0.0000003	0.000001	0.0000001
Metals	Vanadium	4.27E+01	3.11E-02	2.87E-01	1.68E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.78E-02	100	2.78E-02	3.44E-01	6.88E-01	0.08	0.04	0.04	0.02
OCPs	4,4'-DDE	1.61E-01	3.08E-03	3.82E-01	1.36E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.25E+00	100	2.25E+00	2.27E-01	2.27E+00	10	**1**	5	0.5
OCPs	4,4'-DDT	4.30E-02	1.14E-03	8.70E-02	4.04E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.67E-02	100	6.67E-02	2.27E-01	2.27E+00	0.3	0.03	0.2	0.02
OCPs	Calculated DDx (ND=0.5DL)	1.89E-01	3.47E-03	3.38E-01	1.63E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.70E-01	100	2.70E-01	2.27E-01	2.27E+00	**1**	0.1	0.6	0.06
OCPs	beta-BHC	5.96E-02	2.17E-03	2.50E-01	8.70E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.44E-01	100	1.44E-01	5.60E-01	2.25E+00	0.3	0.06	0.1	0.03
OCPs	Hexachlorobenzene	1.79E-01	4.10E-04	1.31E+00	5.73E-02	0.00E+00	0	0.00E+00	0	0.00E+00	0	9.46E-03	100	9.46E-03	2.25E-01	2.25E+00	0.04	0.004	0.02	0.002
PCBs	Calculated Total PCBs (ND=0.5DL)	1.90E-01	2.85E-04	2.15E-01	1.05E-04	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.73E-05	100	1.73E-05	1.47E+00	3.20E+00	0.00001	0.000005	0.000006	0.000003
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	2.47E-05	3.71E-08	2.79E-05	1.36E-08	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.25E-09	100	2.25E-09	1.40E-05	1.40E-04	0.0002	0.00002	0.00008	0.000008
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	1.37E-05	2.05E-08	1.54E-05	7.53E-09	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.24E-09	100	1.24E-09	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	1.04E+00	1.57E-01	1.67E-01	3.34E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	5.51E-02	100	5.51E-02	2.48E+00	2.48E+01	0.02	0.002	0.01	0.001

TABLE I-1a: Potential Daily Dose and Hazard Quotients for Coopers Hawk: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.52) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.00E+02	2.52E+01	3.62E+01	1.51E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.49E+00	100	2.49E+00	1.30E+01	2.60E+01	0.2	0.1	0.1	0.05
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	9.20E-04	7.73E-07	1.79E-04	6.82E-07	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.12E-07	100	1.12E-07	1.40E-05	1.40E-04	0.008	0.0008	0.004	0.0004
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	4.78E-04	4.01E-07	9.32E-05	3.54E-07	0.00E+00	0	0.00E+00	0	0.00E+00	0	5.84E-08	100	5.84E-08	NA	NA	NA	NA	NA	NA
Metals	Antimony	4.06E-01	2.54E-03	6.49E-02	3.25E-03	0.00E+00	0	0.00E+00	0	0.00E+00	0	5.35E-04	100	5.35E-04	NC	NC	NC	NC	NC	NC
Metals	Boron	2.62E+01	3.93E-01	4.19E-01	8.39E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.38E-01	100	1.38E-01	2.88E+01	1.00E+02	0.005	0.001	0.002	0.0007
Metals	Lead	1.47E+01	1.79E-01	1.12E+00	1.13E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.87E-01	100	1.87E-01	1.63E+00	3.26E+00	0.1	0.06	0.06	0.03
Metals	Manganese	3.11E+03	3.69E+01	1.72E+01	2.04E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.37E+00	100	3.37E+00	1.79E+02	3.77E+02	0.02	0.009	0.01	0.005
Metals	Mercury	5.21E-02	2.93E-04	2.08E-03	3.70E-06	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.10E-07	100	6.10E-07	3.25E-01	3.25E+00	0.000002	0.0000002	0.000001	0.0000001
Metals	Vanadium	4.12E+01	3.00E-02	2.77E-01	1.62E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.68E-02	100	2.68E-02	3.44E-01	6.88E-01	0.08	0.04	0.04	0.02
OCPs	4,4'-DDE	6.73E-02	1.60E-03	1.77E-01	8.34E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.38E+00	100	1.38E+00	2.27E-01	2.27E+00	6	0.6	3	0.3
OCPs	4,4'-DDT	2.17E-02	6.82E-04	4.80E-02	2.63E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	4.34E-02	100	4.34E-02	2.27E-01	2.27E+00	0.2	0.02	0.1	0.01
OCPs	Calculated DDx (ND=0.5DL)	9.35E-02	2.05E-03	1.68E-01	8.10E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.34E-01	100	1.34E-01	2.27E-01	2.27E+00	0.6	0.06	0.3	0.03
OCPs	beta-BHC	3.84E-02	1.40E-03	1.61E-01	6.32E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.04E-01	100	1.04E-01	5.60E-01	2.25E+00	0.2	0.05	0.1	0.02
OCPs	Hexachlorobenzene	1.30E-01	2.98E-04	9.50E-01	4.17E-02	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.88E-03	100	6.88E-03	2.25E-01	2.25E+00	0.03	0.003	0.02	0.002
PCBs	Calculated Total PCBs (ND=0.5DL)	1.18E-01	1.78E-04	1.34E-01	6.54E-05	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.08E-05	100	1.08E-05	1.47E+00	3.20E+00	0.000007	0.000003	0.000004	0.000002
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.64E-05	2.46E-08	1.85E-05	9.04E-09	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.49E-09	100	1.49E-09	1.40E-05	1.40E-04	0.0001	0.00001	0.00006	0.000006
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	9.05E-06	1.36E-08	1.02E-05	5.00E-09	0.00E+00	0	0.00E+00	0	0.00E+00	0	8.24E-10	100	8.24E-10	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	5.09E-01	7.63E-02	8.14E-02	1.63E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.69E-02	100	2.69E-02	2.48E+00	2.48E+01	0.01	0.001	0.006	0.0006

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.30E+01	2.60E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.82E-04	100	2.82E-04	NC	NC	NC	NC	NC	NC
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.26E-02	100	2.26E-02	2.88E+01	1.00E+02	0.0008	0.0002	0.0008	0.0002
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.52E-01	100	1.52E-01	1.63E+00	3.26E+00	0.09	0.05	0.09	0.05
Metals	Manganese	4.37E+02	5.18E+00	4.50E+00	2.87E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	4.73E-01	100	4.73E-01	1.79E+02	3.77E+02	0.003	0.001	0.003	0.001
Metals	Mercury	2.14E-02	1.21E-04	8.58E-04	1.52E-06	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.51E-07	100	2.51E-07	3.25E-01	3.25E+00	0.0000008	0.00000008	0.0000008	0.00000008
Metals	Vanadium	4.06E+01	2.96E-02	2.73E-01	1.60E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.64E-02	100	2.64E-02	3.44E-01	6.88E-01	0.08	0.04	0.08	0.04
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	5.60E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Hexachlorobenzene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.25E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated Total PCBs (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E+00	3.20E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
SVOCs	Octachlorostyrene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.48E+00	2.48E+01	No BKG	No BKG	No BKG	No BKG

TABLE I-1a: Potential Daily Dose and Hazard Quotients for Coopers Hawk: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NA = Not applicable
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-1b: Potential Daily Dose and Hazard Quotients for Kit Fox: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.094) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+03	2.36E+02	1.62E+03	6.72E+02	3.70E+00	5.29	0.00E+00	0	0.00E+00	0	6.61E+01	94.71	6.98E+01	6.40E+00	3.20E+01	10	2	**1**	0.2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.49E-02	3.78E-05	8.76E-03	3.33E-05	3.72E-05	91.90	0.00E+00	0	0.00E+00	0	3.27E-06	8.10	4.04E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	3.14E-02	2.64E-05	6.13E-03	2.33E-05	2.60E-05	91.90	0.00E+00	0	0.00E+00	0	2.29E-06	8.10	2.83E-05	8.40E-06	3.10E-05	3	0.9	0.3	0.09
Metals	Antimony	2.40E+00	1.34E-02	3.84E-01	1.92E-02	1.98E-03	51.24	0.00E+00	0	0.00E+00	0	1.89E-03	48.76	3.87E-03	5.90E-02	5.90E-01	0.07	0.007	0.006	0.0006
Metals	Boron	1.51E+03	2.27E+01	2.42E+01	4.83E+01	1.25E+00	20.81	0.00E+00	0	0.00E+00	0	4.75E+00	79.19	6.00E+00	2.80E+01	9.36E+01	0.2	0.06	0.02	0.006
Metals	Lead	2.67E+02	9.13E-01	1.17E+01	4.09E+00	2.21E-01	35.47	0.00E+00	0	0.00E+00	0	4.02E-01	64.53	6.22E-01	4.70E+00	8.90E+00	0.1	0.07	0.01	0.007
Metals	Manganese	2.50E+05	2.96E+03	3.42E+02	1.64E+03	2.07E+02	56.17	0.00E+00	0	0.00E+00	0	1.61E+02	43.83	3.68E+02	5.15E+01	1.46E+02	7	3	0.7	0.2
Metals	Mercury	1.80E+00	1.01E-02	7.20E-02	1.28E-04	1.49E-03	99.16	0.00E+00	0	0.00E+00	0	1.26E-05	0.84	1.50E-03	1.01E+00	1.01E+01	0.001	0.0001	0.0001	0.00001
Metals	Vanadium	6.76E+01	4.92E-02	4.54E-01	2.66E-01	5.59E-02	68.12	0.00E+00	0	0.00E+00	0	2.62E-02	31.88	8.20E-02	4.16E+00	8.31E+00	0.02	0.01	0.002	0.0009
OCPs	4,4'-DDE	3.50E+00	3.12E-02	5.74E+00	7.76E+01	2.89E-03	0.04	0.00E+00	0	0.00E+00	0	7.63E+00	99.96	7.63E+00	1.47E-01	7.35E-01	50	10	5	**1**
OCPs	4,4'-DDT	7.70E-01	9.99E-03	1.07E+00	2.49E+00	6.37E-04	0.26	0.00E+00	0	0.00E+00	0	2.45E-01	99.74	2.46E-01	1.47E-01	7.35E-01	2	0.3	0.2	0.03
OCPs	Calculated DDx (ND=0.5DL)	4.30E+00	3.65E-02	7.71E+00	3.72E+01	3.56E-03	0.10	0.00E+00	0	0.00E+00	0	3.66E+00	99.90	3.66E+00	1.47E-01	7.35E-01	20	5	2	0.5
OCPs	beta-BHC	8.70E-01	3.17E-02	3.65E+00	6.08E+00	7.19E-04	0.12	0.00E+00	0	0.00E+00	0	5.98E-01	99.88	5.99E-01	4.00E-01	2.00E+00	**1**	0.3	0.1	0.03
OCPs	Hexachlorobenzene	4.60E+00	1.05E-02	3.35E+01	1.47E+00	3.80E-03	2.56	0.00E+00	0	0.00E+00	0	1.45E-01	97.44	1.49E-01	1.60E+00	1.60E+01	0.09	0.009	0.009	0.0009
PCBs	Calculated Total PCBs (ND=0.5DL)	8.59E-01	1.29E-03	9.71E-01	4.74E-04	7.10E-04	93.84	0.00E+00	0	0.00E+00	0	4.66E-05	6.16	7.57E-04	2.56E-01	1.27E+00	0.003	0.0006	0.0003	0.00006
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.07E-04	1.60E-07	1.21E-04	5.91E-08	8.84E-08	93.84	0.00E+00	0	0.00E+00	0	5.81E-09	6.16	9.43E-08	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	5.98E-05	8.97E-08	6.76E-05	3.30E-08	4.95E-08	93.84	0.00E+00	0	0.00E+00	0	3.25E-09	6.16	5.27E-08	8.40E-06	3.10E-05	0.006	0.002	0.0006	0.0002
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	1.07E-03	2.56	0.00E+00	0	0.00E+00	0	4.09E-02	97.44	4.20E-02	2.63E+00	2.63E+01	0.02	0.002	0.002	0.0002

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.094) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.60E+02	3.32E+01	5.80E+01	2.41E+01	1.33E-01	5.29	0.00E+00	0	0.00E+00	0	2.37E+00	94.71	2.50E+00	6.40E+00	3.20E+01	0.4	0.08	0.04	0.007
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03	1.21E-06	2.81E-04	1.07E-06	1.19E-06	91.90	0.00E+00	0	0.00E+00	0	1.05E-07	8.10	1.30E-06	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	8.70E-04	7.31E-07	1.70E-04	6.45E-07	7.19E-07	91.90	0.00E+00	0	0.00E+00	0	6.34E-08	8.10	7.83E-07	8.40E-06	3.10E-05	0.09	0.03	0.009	0.002
Metals	Antimony	4.70E-01	2.92E-03	7.52E-02	3.76E-03	3.89E-04	51.24	0.00E+00	0	0.00E+00	0	3.70E-04	48.76	7.59E-04	5.90E-02	5.90E-01	0.01	0.001	0.001	0.0001
Metals	Boron	5.34E+01	8.00E-01	8.54E-01	1.71E+00	4.41E-02	20.81	0.00E+00	0	0.00E+00	0	1.68E-01	79.19	2.12E-01	2.80E+01	9.36E+01	0.008	0.002	0.0007	0.0002
Metals	Lead	1.92E+01	2.09E-01	1.40E+00	1.28E+00	1.59E-02	11.24	0.00E+00	0	0.00E+00	0	1.25E-01	88.76	1.41E-01	4.70E+00	8.90E+00	0.03	0.02	0.003	0.001
Metals	Manganese	8.55E+03	1.01E+02	3.42E+01	5.61E+01	7.07E+00	56.17	0.00E+00	0	0.00E+00	0	5.52E+00	43.83	1.26E+01	5.15E+01	1.46E+02	0.2	0.09	0.02	0.008
Metals	Mercury	7.87E-02	4.43E-04	3.15E-03	5.59E-06	6.51E-05	99.16	0.00E+00	0	0.00E+00	0	5.49E-07	0.84	6.56E-05	1.01E+00	1.01E+01	0.00006	0.000006	0.000006	0.0000006
Metals	Vanadium	4.27E+01	3.11E-02	2.87E-01	1.68E-01	3.53E-02	68.12	0.00E+00	0	0.00E+00	0	1.65E-02	31.88	5.19E-02	4.16E+00	8.31E+00	0.01	0.006	0.001	0.0006
OCPs	4,4'-DDE	1.61E-01	3.08E-03	3.82E-01	1.36E+01	1.33E-04	0.01	0.00E+00	0	0.00E+00	0	1.34E+00	99.99	1.34E+00	1.47E-01	7.35E-01	9	2	0.9	0.2
OCPs	4,4'-DDT	4.30E-02	1.14E-03	8.70E-02	4.04E-01	3.55E-05	0.09	0.00E+00	0	0.00E+00	0	3.98E-02	99.91	3.98E-02	1.47E-01	7.35E-01	0.3	0.05	0.03	0.005
OCPs	Calculated DDx (ND=0.5DL)	1.89E-01	3.47E-03	3.38E-01	1.63E+00	1.56E-04	0.10	0.00E+00	0	0.00E+00	0	1.61E-01	99.90	1.61E-01	1.47E-01	7.35E-01	**1**	0.2	0.1	0.02
OCPs	beta-BHC	5.96E-02	2.17E-03	2.50E-01	8.70E-01	4.93E-05	0.06	0.00E+00	0	0.00E+00	0	8.56E-02	99.94	8.56E-02	4.00E-01	2.00E+00	0.2	0.04	0.02	0.004
OCPs	Hexachlorobenzene	1.79E-01	4.10E-04	1.31E+00	5.73E-02	1.48E-04	2.56	0.00E+00	0	0.00E+00	0	5.63E-03	97.44	5.78E-03	1.60E+00	1.60E+01	0.004	0.0004	0.0003	0.00003
PCBs	Calculated Total PCBs (ND=0.5DL)	1.90E-01	2.85E-04	2.15E-01	1.05E-04	1.57E-04	93.84	0.00E+00	0	0.00E+00	0	1.03E-05	6.16	1.67E-04	2.56E-01	1.27E+00	0.0007	0.0001	0.00006	0.00001
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	2.47E-05	3.71E-08	2.79E-05	1.36E-08	2.04E-08	93.84	0.00E+00	0	0.00E+00	0	1.34E-09	6.16	2.18E-08	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	1.37E-05	2.05E-08	1.54E-05	7.53E-09	1.13E-08	93.84	0.00E+00	0	0.00E+00	0	7.41E-10	6.16	1.20E-08	8.40E-06	3.10E-05	0.001	0.0004	0.0001	0.00004
SVOCs	Octachlorostyrene	1.04E+00	1.57E-01	1.67E-01	3.34E-01	8.63E-04	2.56	0.00E+00	0	0.00E+00	0	3.28E-02	97.44	3.37E-02	2.63E+00	2.63E+01	0.01	0.001	0.001	0.0001

TABLE I-1b: Potential Daily Dose and Hazard Quotients for Kit Fox: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.094) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.00E+02	2.52E+01	3.62E+01	1.51E+01	8.28E-02	5.29	0.00E+00	0	0.00E+00	0	1.48E+00	94.71	1.56E+00	6.40E+00	3.20E+01	0.2	0.05	0.02	0.005
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	9.20E-04	7.73E-07	1.79E-04	6.82E-07	7.61E-07	91.90	0.00E+00	0	0.00E+00	0	6.70E-08	8.10	8.28E-07	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	4.78E-04	4.01E-07	9.32E-05	3.54E-07	3.95E-07	91.90	0.00E+00	0	0.00E+00	0	3.48E-08	8.10	4.30E-07	8.40E-06	3.10E-05	0.05	0.01	0.005	0.001
Metals	Antimony	4.06E-01	2.54E-03	6.49E-02	3.25E-03	3.35E-04	51.24	0.00E+00	0	0.00E+00	0	3.19E-04	48.76	6.54E-04	5.90E-02	5.90E-01	0.01	0.001	0.001	0.0001
Metals	Boron	2.62E+01	3.93E-01	4.19E-01	8.39E-01	2.17E-02	20.81	0.00E+00	0	0.00E+00	0	8.25E-02	79.19	1.04E-01	2.80E+01	9.36E+01	0.004	0.001	0.0003	0.0001
Metals	Lead	1.47E+01	1.79E-01	1.12E+00	1.13E+00	1.21E-02	9.82	0.00E+00	0	0.00E+00	0	1.11E-01	90.18	1.23E-01	4.70E+00	8.90E+00	0.03	0.01	0.002	0.001
Metals	Manganese	3.11E+03	3.69E+01	1.72E+01	2.04E+01	2.57E+00	56.17	0.00E+00	0	0.00E+00	0	2.01E+00	43.83	4.58E+00	5.15E+01	1.46E+02	0.09	0.03	0.008	0.003
Metals	Mercury	5.21E-02	2.93E-04	2.08E-03	3.70E-06	4.31E-05	99.16	0.00E+00	0	0.00E+00	0	3.64E-07	0.84	4.34E-05	1.01E+00	1.01E+01	0.00004	0.000004	0.000004	0.0000004
Metals	Vanadium	4.12E+01	3.00E-02	2.77E-01	1.62E-01	3.41E-02	68.12	0.00E+00	0	0.00E+00	0	1.59E-02	31.88	5.00E-02	4.16E+00	8.31E+00	0.01	0.006	0.001	0.0006
OCPs	4,4'-DDE	6.73E-02	1.60E-03	1.77E-01	8.34E+00	5.57E-05	0.01	0.00E+00	0	0.00E+00	0	8.20E-01	99.99	8.20E-01	1.47E-01	7.35E-01	6	**1**	0.5	0.1
OCPs	4,4'-DDT	2.17E-02	6.82E-04	4.80E-02	2.63E-01	1.79E-05	0.07	0.00E+00	0	0.00E+00	0	2.58E-02	99.93	2.58E-02	1.47E-01	7.35E-01	0.2	0.04	0.02	0.003
OCPs	Calculated DDx (ND=0.5DL)	9.35E-02	2.05E-03	1.68E-01	8.10E-01	7.73E-05	0.10	0.00E+00	0	0.00E+00	0	7.96E-02	99.90	7.97E-02	1.47E-01	7.35E-01	0.5	0.1	0.05	0.01
OCPs	beta-BHC	3.84E-02	1.40E-03	1.61E-01	6.32E-01	3.17E-05	0.05	0.00E+00	0	0.00E+00	0	6.22E-02	99.95	6.22E-02	4.00E-01	2.00E+00	0.2	0.03	0.01	0.003
OCPs	Hexachlorobenzene	1.30E-01	2.98E-04	9.50E-01	4.17E-02	1.08E-04	2.56	0.00E+00	0	0.00E+00	0	4.10E-03	97.44	4.21E-03	1.60E+00	1.60E+01	0.003	0.0003	0.0002	0.00002
PCBs	Calculated Total PCBs (ND=0.5DL)	1.18E-01	1.78E-04	1.34E-01	6.54E-05	9.79E-05	93.84	0.00E+00	0	0.00E+00	0	6.43E-06	6.16	1.04E-04	2.56E-01	1.27E+00	0.0004	0.00008	0.00004	0.000008
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.64E-05	2.46E-08	1.85E-05	9.04E-09	1.35E-08	93.84	0.00E+00	0	0.00E+00	0	8.88E-10	6.16	1.44E-08	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	9.05E-06	1.36E-08	1.02E-05	5.00E-09	7.48E-09	93.84	0.00E+00	0	0.00E+00	0	4.91E-10	6.16	7.97E-09	8.40E-06	3.10E-05	0.0009	0.0003	0.00009	0.00002
SVOCs	Octachlorostyrene	5.09E-01	7.63E-02	8.14E-02	1.63E-01	4.21E-04	2.56	0.00E+00	0	0.00E+00	0	1.60E-02	97.44	1.64E-02	2.63E+00	2.63E+01	0.006	0.0006	0.0006	0.00006

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	1.76E-04	51.24	0.00E+00	0	0.00E+00	0	1.68E-04	48.76	3.44E-04	5.90E-02	5.90E-01	0.006	0.0006	0.006	0.0006
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	3.54E-03	20.81	0.00E+00	0	0.00E+00	0	1.35E-02	79.19	1.70E-02	2.80E+01	9.36E+01	0.0006	0.0002	0.0006	0.0002
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	7.64E-03	7.76	0.00E+00	0	0.00E+00	0	9.07E-02	92.24	9.84E-02	4.70E+00	8.90E+00	0.02	0.01	0.02	0.01
Metals	Manganese	4.37E+02	5.18E+00	4.50E+00	2.87E+00	3.61E-01	56.17	0.00E+00	0	0.00E+00	0	2.82E-01	43.83	6.43E-01	5.15E+01	1.46E+02	0.01	0.004	0.01	0.004
Metals	Mercury	2.14E-02	1.21E-04	8.58E-04	1.52E-06	1.77E-05	99.16	0.00E+00	0	0.00E+00	0	1.50E-07	0.84	1.79E-05	1.01E+00	1.01E+01	0.00002	0.000002	0.00002	0.000002
Metals	Vanadium	4.06E+01	2.96E-02	2.73E-01	1.60E-01	3.36E-02	68.12	0.00E+00	0	0.00E+00	0	1.57E-02	31.88	4.93E-02	4.16E+00	8.31E+00	0.01	0.006	0.01	0.006
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Hexachlorobenzene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.60E+00	1.60E+01	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated Total PCBs (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.56E-01	1.27E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
SVOCs	Octachlorostyrene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.63E+00	2.63E+01	No BKG	No BKG	No BKG	No BKG

TABLE I-1b: Potential Daily Dose and Hazard Quotients for Kit Fox: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NA = Not applicable
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-1c: Potential Daily Dose and Hazard Quotients for Western Burrowing Owl: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.93) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+03	2.36E+02	1.62E+03	6.72E+02	1.93E+01	4.64	0.00E+00	0	3.48E+02	83.75	4.83E+01	11.61	4.16E+02	1.30E+01	2.60E+01	30	20	30	10
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.49E-02	3.78E-05	8.76E-03	3.33E-05	1.94E-04	9.30	0.00E+00	0	1.89E-03	90.59	2.39E-06	0.11	2.09E-03	1.40E-05	1.40E-04	100	10	100	10
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	3.14E-02	2.64E-05	6.13E-03	2.33E-05	1.36E-04	9.30	0.00E+00	0	1.32E-03	90.59	1.67E-06	0.11	1.46E-03	NA	NA	NA	NA	NA	NA
Metals	Antimony	2.40E+00	1.34E-02	3.84E-01	1.92E-02	1.04E-02	10.96	0.00E+00	0	8.28E-02	87.58	1.38E-03	1.46	9.45E-02	NC	NC	NC	NC	NC	NC
Metals	Boron	1.51E+03	2.27E+01	2.42E+01	4.83E+01	6.52E+00	42.88	0.00E+00	0	5.21E+00	34.27	3.47E+00	22.85	1.52E+01	2.88E+01	1.00E+02	0.5	0.2	0.5	0.1
Metals	Lead	2.67E+02	9.13E-01	1.17E+01	4.09E+00	1.15E+00	29.06	0.00E+00	0	2.52E+00	63.53	2.93E-01	7.40	3.96E+00	1.63E+00	3.26E+00	2	**1**	2	**1**
Metals	Manganese	2.50E+05	2.96E+03	3.42E+02	1.64E+03	1.08E+03	84.92	0.00E+00	0	7.37E+01	5.80	1.18E+02	9.28	1.27E+03	1.79E+02	3.77E+02	7	3	7	3
Metals	Mercury	1.80E+00	1.01E-02	7.20E-02	1.28E-04	7.77E-03	33.34	0.00E+00	0	1.55E-02	66.62	9.18E-06	0.04	2.33E-02	3.25E-01	3.25E+00	0.07	0.007	0.07	0.007
Metals	Vanadium	6.76E+01	4.92E-02	4.54E-01	2.66E-01	2.92E-01	71.37	0.00E+00	0	9.79E-02	23.96	1.91E-02	4.68	4.09E-01	3.44E-01	6.88E-01	**1**	0.6	**1**	0.6
OCPs	4,4'-DDE	3.50E+00	3.12E-02	5.74E+00	7.76E+01	1.51E-02	0.22	0.00E+00	0	1.24E+00	18.13	5.57E+00	81.65	6.82E+00	2.27E-01	2.27E+00	30	3	30	3
OCPs	4,4'-DDT	7.70E-01	9.99E-03	1.07E+00	2.49E+00	3.32E-03	0.81	0.00E+00	0	2.30E-01	55.78	1.79E-01	43.42	4.12E-01	2.27E-01	2.27E+00	2	0.2	2	0.2
OCPs	Calculated DDx (ND=0.5DL)	4.30E+00	3.65E-02	7.71E+00	3.72E+01	1.86E-02	0.43	0.00E+00	0	1.66E+00	38.15	2.67E+00	61.42	4.35E+00	2.27E-01	2.27E+00	20	2	20	2
OCPs	beta-BHC	8.70E-01	3.17E-02	3.65E+00	6.08E+00	3.75E-03	0.31	0.00E+00	0	7.87E-01	64.10	4.37E-01	35.59	1.23E+00	5.60E-01	2.25E+00	2	0.5	2	0.5
OCPs	Hexachlorobenzene	4.60E+00	1.05E-02	3.35E+01	1.47E+00	1.98E-02	0.27	0.00E+00	0	7.22E+00	98.29	1.06E-01	1.44	7.35E+00	2.25E-01	2.25E+00	30	3	30	3
PCBs	Calculated Total PCBs (ND=0.5DL)	8.59E-01	1.29E-03	9.71E-01	4.74E-04	3.71E-03	1.74	0.00E+00	0	2.09E-01	98.24	3.41E-05	0.02	2.13E-01	1.47E+00	3.20E+00	0.1	0.07	0.1	0.06
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.07E-04	1.60E-07	1.21E-04	5.91E-08	4.62E-07	1.74	0.00E+00	0	2.61E-05	98.24	4.24E-09	0.02	2.65E-05	1.40E-05	1.40E-04	2	0.2	2	0.2
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	5.98E-05	8.97E-08	6.76E-05	3.30E-08	2.58E-07	1.74	0.00E+00	0	1.46E-05	98.24	2.37E-09	0.02	1.48E-05	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	5.61E-03	6.98	0.00E+00	0	4.48E-02	55.81	2.99E-02	37.21	8.03E-02	2.48E+00	2.48E+01	0.03	0.003	0.03	0.003

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.93) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.60E+02	3.32E+01	5.80E+01	2.41E+01	6.92E-01	4.64	0.00E+00	0	1.25E+01	83.75	1.73E+00	11.61	1.49E+01	1.30E+01	2.60E+01	**1**	0.6	**1**	0.5
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03	1.21E-06	2.81E-04	1.07E-06	6.23E-06	9.30	0.00E+00	0	6.06E-05	90.59	7.68E-08	0.11	6.69E-05	1.40E-05	1.40E-04	5	0.5	4	0.4
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	8.70E-04	7.31E-07	1.70E-04	6.45E-07	3.75E-06	9.30	0.00E+00	0	3.66E-05	90.59	4.63E-08	0.11	4.04E-05	NA	NA	NA	NA	NA	NA
Metals	Antimony	4.70E-01	2.92E-03	7.52E-02	3.76E-03	2.03E-03	10.96	0.00E+00	0	1.62E-02	87.58	2.70E-04	1.46	1.85E-02	NC	NC	NC	NC	NC	NC
Metals	Boron	5.34E+01	8.00E-01	8.54E-01	1.71E+00	2.30E-01	42.88	0.00E+00	0	1.84E-01	34.27	1.23E-01	22.85	5.37E-01	2.88E+01	1.00E+02	0.02	0.005	0.02	0.005
Metals	Lead	1.92E+01	2.09E-01	1.40E+00	1.28E+00	8.29E-02	17.43	0.00E+00	0	3.01E-01	63.31	9.17E-02	19.27	4.76E-01	1.63E+00	3.26E+00	0.3	0.1	0.3	0.1
Metals	Manganese	8.55E+03	1.01E+02	3.42E+01	5.61E+01	3.69E+01	76.38	0.00E+00	0	7.38E+00	15.27	4.03E+00	8.34	4.83E+01	1.79E+02	3.77E+02	0.3	0.1	0.3	0.1
Metals	Mercury	7.87E-02	4.43E-04	3.15E-03	5.59E-06	3.40E-04	33.34	0.00E+00	0	6.79E-04	66.62	4.01E-07	0.04	1.02E-03	3.25E-01	3.25E+00	0.003	0.0003	0.003	0.0003
Metals	Vanadium	4.27E+01	3.11E-02	2.87E-01	1.68E-01	1.84E-01	71.37	0.00E+00	0	6.19E-02	23.96	1.21E-02	4.68	2.58E-01	3.44E-01	6.88E-01	0.8	0.4	0.7	0.3
OCPs	4,4'-DDE	1.61E-01	3.08E-03	3.82E-01	1.36E+01	6.95E-04	0.07	0.00E+00	0	8.22E-02	7.73	9.80E-01	92.20	1.06E+00	2.27E-01	2.27E+00	5	0.5	4	0.4
OCPs	4,4'-DDT	4.30E-02	1.14E-03	8.70E-02	4.04E-01	1.86E-04	0.39	0.00E+00	0	1.87E-02	39.07	2.91E-02	60.54	4.80E-02	2.27E-01	2.27E+00	0.2	0.02	0.2	0.02
OCPs	Calculated DDx (ND=0.5DL)	1.89E-01	3.47E-03	3.38E-01	1.63E+00	8.15E-04	0.43	0.00E+00	0	7.29E-02	38.15	1.17E-01	61.42	1.91E-01	2.27E-01	2.27E+00	0.8	0.08	0.8	0.08
OCPs	beta-BHC	5.96E-02	2.17E-03	2.50E-01	8.70E-01	2.57E-04	0.22	0.00E+00	0	5.40E-02	46.21	6.25E-02	53.57	1.17E-01	5.60E-01	2.25E+00	0.2	0.05	0.2	0.05
OCPs	Hexachlorobenzene	1.79E-01	4.10E-04	1.31E+00	5.73E-02	7.73E-04	0.27	0.00E+00	0	2.81E-01	98.29	4.12E-03	1.44	2.86E-01	2.25E-01	2.25E+00	**1**	0.1	**1**	0.1
PCBs	Calculated Total PCBs (ND=0.5DL)	1.90E-01	2.85E-04	2.15E-01	1.05E-04	8.20E-04	1.74	0.00E+00	0	4.63E-02	98.24	7.53E-06	0.02	4.71E-02	1.47E+00	3.20E+00	0.03	0.01	0.03	0.01
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	2.47E-05	3.71E-08	2.79E-05	1.36E-08	1.07E-07	1.74	0.00E+00	0	6.02E-06	98.24	9.80E-10	0.02	6.13E-06	1.40E-05	1.40E-04	0.4	0.04	0.4	0.04
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	1.37E-05	2.05E-08	1.54E-05	7.53E-09	5.89E-08	1.74	0.00E+00	0	3.32E-06	98.24	5.41E-10	0.02	3.38E-06	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	1.04E+00	1.57E-01	1.67E-01	3.34E-01	4.50E-03	6.98	0.00E+00	0	3.60E-02	55.81	2.40E-02	37.21	6.45E-02	2.48E+00	2.48E+01	0.03	0.003	0.02	0.002

TABLE I-1c: Potential Daily Dose and Hazard Quotients for Western Burrowing Owl: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.93) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.00E+02	2.52E+01	3.62E+01	1.51E+01	4.32E-01	4.64	0.00E+00	0	7.80E+00	83.75	1.08E+00	11.61	9.32E+00	1.30E+01	2.60E+01	0.7	0.4	0.7	0.3
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	9.20E-04	7.73E-07	1.79E-04	6.82E-07	3.97E-06	9.30	0.00E+00	0	3.87E-05	90.59	4.90E-08	0.11	4.27E-05	1.40E-05	1.40E-04	3	0.3	3	0.3
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	4.78E-04	4.01E-07	9.32E-05	3.54E-07	2.06E-06	9.30	0.00E+00	0	2.01E-05	90.59	2.54E-08	0.11	2.22E-05	NA	NA	NA	NA	NA	NA
Metals	Antimony	4.06E-01	2.54E-03	6.49E-02	3.25E-03	1.75E-03	10.96	0.00E+00	0	1.40E-02	87.58	2.33E-04	1.46	1.60E-02	NC	NC	NC	NC	NC	NC
Metals	Boron	2.62E+01	3.93E-01	4.19E-01	8.39E-01	1.13E-01	42.88	0.00E+00	0	9.04E-02	34.27	6.03E-02	22.85	2.64E-01	2.88E+01	1.00E+02	0.009	0.003	0.009	0.002
Metals	Lead	1.47E+01	1.79E-01	1.12E+00	1.13E+00	6.32E-02	16.36	0.00E+00	0	2.42E-01	62.61	8.13E-02	21.03	3.87E-01	1.63E+00	3.26E+00	0.2	0.1	0.2	0.1
Metals	Manganese	3.11E+03	3.69E+01	1.72E+01	2.04E+01	1.34E+01	72.20	0.00E+00	0	3.70E+00	19.91	1.47E+00	7.89	1.86E+01	1.79E+02	3.77E+02	0.1	0.05	0.1	0.05
Metals	Mercury	5.21E-02	2.93E-04	2.08E-03	3.70E-06	2.25E-04	33.34	0.00E+00	0	4.49E-04	66.62	2.66E-07	0.04	6.74E-04	3.25E-01	3.25E+00	0.002	0.0002	0.002	0.0002
Metals	Vanadium	4.12E+01	3.00E-02	2.77E-01	1.62E-01	1.78E-01	71.37	0.00E+00	0	5.97E-02	23.96	1.17E-02	4.68	2.49E-01	3.44E-01	6.88E-01	0.7	0.4	0.7	0.3
OCPs	4,4'-DDE	6.73E-02	1.60E-03	1.77E-01	8.34E+00	2.90E-04	0.05	0.00E+00	0	3.82E-02	5.98	5.99E-01	93.97	6.38E-01	2.27E-01	2.27E+00	3	0.3	3	0.3
OCPs	4,4'-DDT	2.17E-02	6.82E-04	4.80E-02	2.63E-01	9.36E-05	0.32	0.00E+00	0	1.03E-02	35.30	1.89E-02	64.38	2.93E-02	2.27E-01	2.27E+00	0.1	0.01	0.1	0.01
OCPs	Calculated DDx (ND=0.5DL)	9.35E-02	2.05E-03	1.68E-01	8.10E-01	4.04E-04	0.43	0.00E+00	0	3.61E-02	38.15	5.82E-02	61.42	9.47E-02	2.27E-01	2.27E+00	0.4	0.04	0.4	0.04
OCPs	beta-BHC	3.84E-02	1.40E-03	1.61E-01	6.32E-01	1.66E-04	0.21	0.00E+00	0	3.47E-02	43.24	4.54E-02	56.56	8.03E-02	5.60E-01	2.25E+00	0.1	0.04	0.1	0.03
OCPs	Hexachlorobenzene	1.30E-01	2.98E-04	9.50E-01	4.17E-02	5.62E-04	0.27	0.00E+00	0	2.05E-01	98.29	3.00E-03	1.44	2.08E-01	2.25E-01	2.25E+00	0.9	0.09	0.9	0.09
PCBs	Calculated Total PCBs (ND=0.5DL)	1.18E-01	1.78E-04	1.34E-01	6.54E-05	5.11E-04	1.74	0.00E+00	0	2.88E-02	98.24	4.70E-06	0.02	2.94E-02	1.47E+00	3.20E+00	0.02	0.009	0.02	0.009
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.64E-05	2.46E-08	1.85E-05	9.04E-09	7.06E-08	1.74	0.00E+00	0	3.99E-06	98.24	6.49E-10	0.02	4.06E-06	1.40E-05	1.40E-04	0.3	0.03	0.3	0.03
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	9.05E-06	1.36E-08	1.02E-05	5.00E-09	3.91E-08	1.74	0.00E+00	0	2.20E-06	98.24	3.59E-10	0.02	2.24E-06	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	5.09E-01	7.63E-02	8.14E-02	1.63E-01	2.20E-03	6.98	0.00E+00	0	1.75E-02	55.81	1.17E-02	37.21	3.14E-02	2.48E+00	2.48E+01	0.01	0.001	0.01	0.001

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.30E+01	2.60E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	9.21E-04	10.96	0.00E+00	0	7.36E-03	87.58	1.23E-04	1.46	8.41E-03	NC	NC	NC	NC	NC	NC
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	1.85E-02	42.88	0.00E+00	0	1.48E-02	34.27	9.86E-03	22.85	4.31E-02	2.88E+01	1.00E+02	0.001	0.0004	0.001	0.0004
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	3.99E-02	14.60	0.00E+00	0	1.67E-01	61.10	6.63E-02	24.29	2.73E-01	1.63E+00	3.26E+00	0.2	0.08	0.2	0.08
Metals	Manganese	4.37E+02	5.18E+00	4.50E+00	2.87E+00	1.89E+00	61.58	0.00E+00	0	9.71E-01	31.70	2.06E-01	6.73	3.06E+00	1.79E+02	3.77E+02	0.02	0.008	0.02	0.008
Metals	Mercury	2.14E-02	1.21E-04	8.58E-04	1.52E-06	9.25E-05	33.34	0.00E+00	0	1.85E-04	66.62	1.09E-07	0.04	2.77E-04	3.25E-01	3.25E+00	0.0009	0.00009	0.0009	0.00009
Metals	Vanadium	4.06E+01	2.96E-02	2.73E-01	1.60E-01	1.75E-01	71.37	0.00E+00	0	5.88E-02	23.96	1.15E-02	4.68	2.46E-01	3.44E-01	6.88E-01	0.7	0.4	0.7	0.4
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	5.60E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Hexachlorobenzene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.25E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated Total PCBs (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E+00	3.20E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
SVOCs	Octachlorostyrene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.48E+00	2.48E+01	No BKG	No BKG	No BKG	No BKG

TABLE I-1c: Potential Daily Dose and Hazard Quotients for Western Burrowing Owl: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-1d: Potential Daily Dose and Hazard Quotients for American Robin: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+03	2.36E+02	1.62E+03	6.72E+02	2.69E+01	2.36	1.42E+02	12.45	9.74E+02	85.20	0.00E+00	0	1.14E+03	1.30E+01	2.60E+01	90	40	90	40
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.49E-02	3.78E-05	8.76E-03	3.33E-05	2.71E-04	4.86	2.27E-05	0.41	5.28E-03	94.74	0.00E+00	0	5.57E-03	1.40E-05	1.40E-04	400	40	400	40
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	3.14E-02	2.64E-05	6.13E-03	2.33E-05	1.89E-04	4.86	1.59E-05	0.41	3.69E-03	94.74	0.00E+00	0	3.90E-03	NA	NA	NA	NA	NA	NA
Metals	Antimony	2.40E+00	1.34E-02	3.84E-01	1.92E-02	1.45E-02	5.69	8.10E-03	3.19	2.31E-01	91.12	0.00E+00	0	2.54E-01	NC	NC	NC	NC	NC	NC
Metals	Boron	1.51E+03	2.27E+01	2.42E+01	4.83E+01	9.10E+00	24.38	1.36E+01	36.59	1.46E+01	39.03	0.00E+00	0	3.73E+01	2.88E+01	1.00E+02	**1**	0.4	**1**	0.4
Metals	Lead	2.67E+02	9.13E-01	1.17E+01	4.09E+00	1.61E+00	17.48	5.50E-01	5.98	7.04E+00	76.54	0.00E+00	0	9.20E+00	1.63E+00	3.26E+00	6	3	6	3
Metals	Manganese	2.50E+05	2.96E+03	3.42E+02	1.64E+03	1.51E+03	43.06	1.78E+03	51.04	2.06E+02	5.89	0.00E+00	0	3.50E+03	1.79E+02	3.77E+02	20	9	20	9
Metals	Mercury	1.80E+00	1.01E-02	7.20E-02	1.28E-04	1.08E-02	17.97	6.10E-03	10.11	4.34E-02	71.91	0.00E+00	0	6.03E-02	3.25E-01	3.25E+00	0.2	0.02	0.2	0.02
Metals	Vanadium	6.76E+01	4.92E-02	4.54E-01	2.66E-01	4.07E-01	57.31	2.96E-02	4.17	2.74E-01	38.52	0.00E+00	0	7.10E-01	3.44E-01	6.88E-01	2	**1**	2	**1**
OCPs	4,4'-DDE	3.50E+00	3.12E-02	5.74E+00	7.76E+01	2.11E-02	0.60	1.88E-02	0.54	3.46E+00	98.86	0.00E+00	0	3.50E+00	2.27E-01	2.27E+00	20	2	20	2
OCPs	4,4'-DDT	7.70E-01	9.99E-03	1.07E+00	2.49E+00	4.64E-03	0.71	6.02E-03	0.92	6.43E-01	98.37	0.00E+00	0	6.54E-01	2.27E-01	2.27E+00	3	0.3	3	0.3
OCPs	Calculated DDx (ND=0.5DL)	4.30E+00	3.65E-02	7.71E+00	3.72E+01	2.59E-02	0.55	2.20E-02	0.47	4.64E+00	98.98	0.00E+00	0	4.69E+00	2.27E-01	2.27E+00	20	2	20	2
OCPs	beta-BHC	8.70E-01	3.17E-02	3.65E+00	6.08E+00	5.24E-03	0.24	1.91E-02	0.86	2.20E+00	98.91	0.00E+00	0	2.22E+00	5.60E-01	2.25E+00	4	**1**	4	**1**
OCPs	Hexachlorobenzene	4.60E+00	1.05E-02	3.35E+01	1.47E+00	2.77E-02	0.14	6.34E-03	0.03	2.02E+01	99.83	0.00E+00	0	2.02E+01	2.25E-01	2.25E+00	90	9	90	9
PCBs	Calculated Total PCBs (ND=0.5DL)	8.59E-01	1.29E-03	9.71E-01	4.74E-04	5.17E-03	0.88	7.76E-04	0.13	5.85E-01	98.99	0.00E+00	0	5.91E-01	1.47E+00	3.20E+00	0.4	0.2	0.4	0.2
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.07E-04	1.60E-07	1.21E-04	5.91E-08	6.44E-07	0.88	9.67E-08	0.13	7.28E-05	98.99	0.00E+00	0	7.36E-05	1.40E-05	1.40E-04	5	0.5	5	0.5
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	5.98E-05	8.97E-08	6.76E-05	3.30E-08	3.60E-07	0.88	5.41E-08	0.13	4.07E-05	98.99	0.00E+00	0	4.11E-05	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	7.83E-03	3.12	1.17E-01	46.88	1.25E-01	50.00	0.00E+00	0	2.51E-01	2.48E+00	2.48E+01	0.1	0.01	0.1	0.01

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.60E+02	3.32E+01	5.80E+01	2.41E+01	9.66E-01	1.73	2.00E+01	35.82	3.49E+01	62.46	0.00E+00	0	5.59E+01	1.30E+01	2.60E+01	4	2	4	2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03	1.21E-06	2.81E-04	1.07E-06	8.69E-06	4.86	7.30E-07	0.41	1.70E-04	94.74	0.00E+00	0	1.79E-04	1.40E-05	1.40E-04	10	**1**	10	**1**
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	8.70E-04	7.31E-07	1.70E-04	6.45E-07	5.24E-06	4.86	4.40E-07	0.41	1.02E-04	94.74	0.00E+00	0	1.08E-04	NA	NA	NA	NA	NA	NA
Metals	Antimony	4.70E-01	2.92E-03	7.52E-02	3.76E-03	2.83E-03	5.67	1.76E-03	3.52	4.53E-02	90.81	0.00E+00	0	4.99E-02	NC	NC	NC	NC	NC	NC
Metals	Boron	5.34E+01	8.00E-01	8.54E-01	1.71E+00	3.21E-01	24.38	4.82E-01	36.59	5.14E-01	39.03	0.00E+00	0	1.32E+00	2.88E+01	1.00E+02	0.05	0.01	0.05	0.01
Metals	Lead	1.92E+01	2.09E-01	1.40E+00	1.28E+00	1.16E-01	10.68	1.26E-01	11.61	8.42E-01	77.71	0.00E+00	0	1.08E+00	1.63E+00	3.26E+00	0.7	0.3	0.7	0.3
Metals	Manganese	8.55E+03	1.01E+02	3.42E+01	5.61E+01	5.15E+01	38.67	6.11E+01	45.84	2.06E+01	15.48	0.00E+00	0	1.33E+02	1.79E+02	3.77E+02	0.7	0.4	0.7	0.4
Metals	Mercury	7.87E-02	4.43E-04	3.15E-03	5.59E-06	4.74E-04	17.97	2.67E-04	10.11	1.90E-03	71.91	0.00E+00	0	2.64E-03	3.25E-01	3.25E+00	0.008	0.0008	0.008	0.0008
Metals	Vanadium	4.27E+01	3.11E-02	2.87E-01	1.68E-01	2.57E-01	57.31	1.87E-02	4.17	1.73E-01	38.52	0.00E+00	0	4.49E-01	3.44E-01	6.88E-01	**1**	0.7	**1**	0.7
OCPs	4,4'-DDE	1.61E-01	3.08E-03	3.82E-01	1.36E+01	9.70E-04	0.42	1.86E-03	0.80	2.30E-01	98.79	0.00E+00	0	2.33E-01	2.27E-01	2.27E+00	**1**	0.1	**1**	0.1
OCPs	4,4'-DDT	4.30E-02	1.14E-03	8.70E-02	4.04E-01	2.59E-04	0.49	6.87E-04	1.29	5.24E-02	98.23	0.00E+00	0	5.34E-02	2.27E-01	2.27E+00	0.2	0.02	0.2	0.02
OCPs	Calculated DDx (ND=0.5DL)	1.89E-01	3.47E-03	3.38E-01	1.63E+00	1.14E-03	0.55	2.09E-03	1.01	2.04E-01	98.44	0.00E+00	0	2.07E-01	2.27E-01	2.27E+00	0.9	0.09	0.9	0.09
OCPs	beta-BHC	5.96E-02	2.17E-03	2.50E-01	8.70E-01	3.59E-04	0.24	1.31E-03	0.86	1.51E-01	98.91	0.00E+00	0	1.52E-01	5.60E-01	2.25E+00	0.3	0.07	0.3	0.07
OCPs	Hexachlorobenzene	1.79E-01	4.10E-04	1.31E+00	5.73E-02	1.08E-03	0.14	2.47E-04	0.03	7.86E-01	99.83	0.00E+00	0	7.88E-01	2.25E-01	2.25E+00	4	0.4	4	0.4
PCBs	Calculated Total PCBs (ND=0.5DL)	1.90E-01	2.85E-04	2.15E-01	1.05E-04	1.14E-03	0.88	1.72E-04	0.13	1.29E-01	98.99	0.00E+00	0	1.31E-01	1.47E+00	3.20E+00	0.09	0.04	0.09	0.04
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	2.47E-05	3.71E-08	2.79E-05	1.36E-08	1.49E-07	0.88	2.23E-08	0.13	1.68E-05	98.99	0.00E+00	0	1.70E-05	1.40E-05	1.40E-04	**1**	0.1	**1**	0.1
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	1.37E-05	2.05E-08	1.54E-05	7.53E-09	8.22E-08	0.88	1.23E-08	0.13	9.29E-06	98.99	0.00E+00	0	9.39E-06	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	1.04E+00	1.57E-01	1.67E-01	3.34E-01	6.29E-03	3.12	9.44E-02	46.88	1.01E-01	50.00	0.00E+00	0	2.01E-01	2.48E+00	2.48E+01	0.08	0.008	0.08	0.008

TABLE I-1d: Potential Daily Dose and Hazard Quotients for American Robin: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.00E+02	2.52E+01	3.62E+01	1.51E+01	6.03E-01	1.60	1.52E+01	40.37	2.18E+01	58.02	0.00E+00	0	3.76E+01	1.30E+01	2.60E+01	3	**1**	3	**1**
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	9.20E-04	7.73E-07	1.79E-04	6.82E-07	5.54E-06	4.86	4.66E-07	0.41	1.08E-04	94.74	0.00E+00	0	1.14E-04	1.40E-05	1.40E-04	8	0.8	8	0.8
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	4.78E-04	4.01E-07	9.32E-05	3.54E-07	2.88E-06	4.86	2.42E-07	0.41	5.61E-05	94.74	0.00E+00	0	5.93E-05	NA	NA	NA	NA	NA	NA
Metals	Antimony	4.06E-01	2.54E-03	6.49E-02	3.25E-03	2.44E-03	5.67	1.53E-03	3.55	3.91E-02	90.78	0.00E+00	0	4.31E-02	NC	NC	NC	NC	NC	NC
Metals	Boron	2.62E+01	3.93E-01	4.19E-01	8.39E-01	1.58E-01	24.38	2.37E-01	36.59	2.53E-01	39.03	0.00E+00	0	6.47E-01	2.88E+01	1.00E+02	0.02	0.006	0.02	0.006
Metals	Lead	1.47E+01	1.79E-01	1.12E+00	1.13E+00	8.83E-02	10.11	1.08E-01	12.37	6.77E-01	77.52	0.00E+00	0	8.73E-01	1.63E+00	3.26E+00	0.5	0.3	0.5	0.3
Metals	Manganese	3.11E+03	3.69E+01	1.72E+01	2.04E+01	1.87E+01	36.53	2.22E+01	43.30	1.04E+01	20.17	0.00E+00	0	5.13E+01	1.79E+02	3.77E+02	0.3	0.1	0.3	0.1
Metals	Mercury	5.21E-02	2.93E-04	2.08E-03	3.70E-06	3.14E-04	17.97	1.77E-04	10.11	1.26E-03	71.91	0.00E+00	0	1.75E-03	3.25E-01	3.25E+00	0.005	0.0005	0.005	0.0005
Metals	Vanadium	4.12E+01	3.00E-02	2.77E-01	1.62E-01	2.48E-01	57.31	1.81E-02	4.17	1.67E-01	38.52	0.00E+00	0	4.33E-01	3.44E-01	6.88E-01	**1**	0.6	**1**	0.6
OCPs	4,4'-DDE	6.73E-02	1.60E-03	1.77E-01	8.34E+00	4.05E-04	0.38	9.63E-04	0.89	1.07E-01	98.73	0.00E+00	0	1.08E-01	2.27E-01	2.27E+00	0.5	0.05	0.5	0.05
OCPs	4,4'-DDT	2.17E-02	6.82E-04	4.80E-02	2.63E-01	1.31E-04	0.44	4.11E-04	1.39	2.89E-02	98.16	0.00E+00	0	2.95E-02	2.27E-01	2.27E+00	0.1	0.01	0.1	0.01
OCPs	Calculated DDx (ND=0.5DL)	9.35E-02	2.05E-03	1.68E-01	8.10E-01	5.63E-04	0.55	1.23E-03	1.20	1.01E-01	98.25	0.00E+00	0	1.03E-01	2.27E-01	2.27E+00	0.5	0.05	0.5	0.05
OCPs	beta-BHC	3.84E-02	1.40E-03	1.61E-01	6.32E-01	2.31E-04	0.24	8.43E-04	0.86	9.71E-02	98.91	0.00E+00	0	9.82E-02	5.60E-01	2.25E+00	0.2	0.04	0.2	0.04
OCPs	Hexachlorobenzene	1.30E-01	2.98E-04	9.50E-01	4.17E-02	7.85E-04	0.14	1.80E-04	0.03	5.72E-01	99.83	0.00E+00	0	5.73E-01	2.25E-01	2.25E+00	3	0.3	3	0.3
PCBs	Calculated Total PCBs (ND=0.5DL)	1.18E-01	1.78E-04	1.34E-01	6.54E-05	7.13E-04	0.88	1.07E-04	0.13	8.06E-02	98.99	0.00E+00	0	8.15E-02	1.47E+00	3.20E+00	0.06	0.03	0.06	0.03
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.64E-05	2.46E-08	1.85E-05	9.04E-09	9.86E-08	0.88	1.48E-08	0.13	1.11E-05	98.99	0.00E+00	0	1.13E-05	1.40E-05	1.40E-04	0.8	0.08	0.8	0.08
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	9.05E-06	1.36E-08	1.02E-05	5.00E-09	5.45E-08	0.88	8.18E-09	0.13	6.16E-06	98.99	0.00E+00	0	6.22E-06	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	5.09E-01	7.63E-02	8.14E-02	1.63E-01	3.07E-03	3.12	4.60E-02	46.88	4.91E-02	50.00	0.00E+00	0	9.81E-02	2.48E+00	2.48E+01	0.04	0.004	0.04	0.004

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.30E+01	2.60E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	1.29E-03	5.66	8.37E-04	3.69	2.06E-02	90.65	0.00E+00	0	2.27E-02	NC	NC	NC	NC	NC	NC
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	2.58E-02	24.38	3.88E-02	36.59	4.13E-02	39.03	0.00E+00	0	1.06E-01	2.88E+01	1.00E+02	0.004	0.001	0.004	0.001
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	5.56E-02	9.19	8.34E-02	13.77	4.66E-01	77.03	0.00E+00	0	6.05E-01	1.63E+00	3.26E+00	0.4	0.2	0.4	0.2
Metals	Manganese	4.37E+02	5.18E+00	4.50E+00	2.87E+00	2.63E+00	31.09	3.12E+00	36.85	2.71E+00	32.05	0.00E+00	0	8.47E+00	1.79E+02	3.77E+02	0.05	0.02	0.05	0.02
Metals	Mercury	2.14E-02	1.21E-04	8.58E-04	1.52E-06	1.29E-04	17.97	7.27E-05	10.11	5.17E-04	71.91	0.00E+00	0	7.19E-04	3.25E-01	3.25E+00	0.002	0.0002	0.002	0.0002
Metals	Vanadium	4.06E+01	2.96E-02	2.73E-01	1.60E-01	2.45E-01	57.31	1.78E-02	4.17	1.65E-01	38.52	0.00E+00	0	4.27E-01	3.44E-01	6.88E-01	**1**	0.6	**1**	0.6
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	5.60E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Hexachlorobenzene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.25E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated Total PCBs (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E+00	3.20E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
SVOCs	Octachlorostyrene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.48E+00	2.48E+01	No BKG	No BKG	No BKG	No BKG

TABLE I-1d: Potential Daily Dose and Hazard Quotients for American Robin: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-1e: Potential Daily Dose and Hazard Quotients for Desert Shrew: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+03	2.36E+02	1.62E+03	6.72E+02	1.00E+02	10.01	0.00E+00	0	8.83E+02	88.06	1.93E+01	1.928	1.00E+03	6.40E+00	3.20E+01	200	30	200	30
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.49E-02	3.78E-05	8.76E-03	3.33E-05	1.01E-03	17.40	0.00E+00	0	4.79E-03	82.58	9.58E-07	0.017	5.80E-03	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	3.14E-02	2.64E-05	6.13E-03	2.33E-05	7.06E-04	17.40	0.00E+00	0	3.35E-03	82.58	6.70E-07	0.017	4.06E-03	8.40E-06	3.10E-05	500	100	500	100
Metals	Antimony	2.40E+00	1.34E-02	3.84E-01	1.92E-02	5.39E-02	20.39	0.00E+00	0	2.10E-01	79.40	5.52E-04	0.21	2.64E-01	5.90E-02	5.90E-01	4	0.4	4	0.4
Metals	Boron	1.51E+03	2.27E+01	2.42E+01	4.83E+01	3.39E+01	69.91	0.00E+00	0	1.32E+01	27.22	1.39E+00	2.87	4.85E+01	2.80E+01	9.36E+01	2	0.5	2	0.5
Metals	Lead	2.67E+02	9.13E-01	1.17E+01	4.09E+00	5.99E+00	47.97	0.00E+00	0	6.38E+00	51.09	1.17E-01	0.94	1.25E+01	4.70E+00	8.90E+00	3	**1**	3	**1**
Metals	Manganese	2.50E+05	2.96E+03	3.42E+02	1.64E+03	5.61E+03	96.00	0.00E+00	0	1.87E+02	3.20	4.72E+01	0.81	5.85E+03	5.15E+01	1.46E+02	100	40	100	40
Metals	Mercury	1.80E+00	1.01E-02	7.20E-02	1.28E-04	4.04E-02	50.67	0.00E+00	0	3.93E-02	49.32	3.67E-06	0.00	7.97E-02	1.01E+00	1.01E+01	0.08	0.008	0.08	0.008
Metals	Vanadium	6.76E+01	4.92E-02	4.54E-01	2.66E-01	1.52E+00	85.57	0.00E+00	0	2.48E-01	13.99	7.65E-03	0.43	1.77E+00	4.16E+00	8.31E+00	0.4	0.2	0.4	0.2
OCPs	4,4'-DDE	3.50E+00	3.12E-02	5.74E+00	7.76E+01	7.86E-02	1.44	0.00E+00	0	3.14E+00	57.59	2.23E+00	40.96	5.44E+00	1.47E-01	7.35E-01	40	7	40	7
OCPs	4,4'-DDT	7.70E-01	9.99E-03	1.07E+00	2.49E+00	1.73E-02	2.57	0.00E+00	0	5.83E-01	86.76	7.16E-02	10.66	6.72E-01	1.47E-01	7.35E-01	5	0.9	5	0.9
OCPs	Calculated DDx (ND=0.5DL)	4.30E+00	3.65E-02	7.71E+00	3.72E+01	9.65E-02	1.80	0.00E+00	0	4.21E+00	78.30	1.07E+00	19.90	5.38E+00	1.47E-01	7.35E-01	40	7	40	7
OCPs	beta-BHC	8.70E-01	3.17E-02	3.65E+00	6.08E+00	1.95E-02	0.89	0.00E+00	0	1.99E+00	91.12	1.75E-01	7.99	2.19E+00	4.00E-01	2.00E+00	5	**1**	5	**1**
OCPs	Hexachlorobenzene	4.60E+00	1.05E-02	3.35E+01	1.47E+00	1.03E-01	0.56	0.00E+00	0	1.83E+01	99.21	4.23E-02	0.23	1.85E+01	1.60E+00	1.60E+01	10	**1**	10	**1**
PCBs	Calculated Total PCBs (ND=0.5DL)	8.59E-01	1.29E-03	9.71E-01	4.74E-04	1.93E-02	3.51	0.00E+00	0	5.30E-01	96.49	1.36E-05	0.002	5.50E-01	2.56E-01	1.27E+00	2	0.4	2	0.4
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.07E-04	1.60E-07	1.21E-04	5.91E-08	2.40E-06	3.51	0.00E+00	0	6.60E-05	96.49	1.70E-09	0.002	6.84E-05	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	5.98E-05	8.97E-08	6.76E-05	3.30E-08	1.34E-06	3.51	0.00E+00	0	3.69E-05	96.49	9.49E-10	0.002	3.83E-05	8.40E-06	3.10E-05	5	**1**	5	**1**
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	2.92E-02	18.86	0.00E+00	0	1.14E-01	73.42	1.20E-02	7.73	1.55E-01	2.63E+00	2.63E+01	0.06	0.006	0.06	0.006

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.60E+02	3.32E+01	5.80E+01	2.41E+01	3.60E+00	10.01	0.00E+00	0	3.17E+01	88.06	6.93E-01	1.928	3.60E+01	6.40E+00	3.20E+01	6	**1**	6	**1**
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03	1.21E-06	2.81E-04	1.07E-06	3.24E-05	17.40	0.00E+00	0	1.54E-04	82.58	3.07E-08	0.017	1.86E-04	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	8.70E-04	7.31E-07	1.70E-04	6.45E-07	1.95E-05	17.40	0.00E+00	0	9.27E-05	82.58	1.85E-08	0.017	1.12E-04	8.40E-06	3.10E-05	10	4	10	4
Metals	Antimony	4.70E-01	2.92E-03	7.52E-02	3.76E-03	1.06E-02	20.39	0.00E+00	0	4.11E-02	79.40	1.08E-04	0.21	5.18E-02	5.90E-02	5.90E-01	0.9	0.09	0.9	0.09
Metals	Boron	5.34E+01	8.00E-01	8.54E-01	1.71E+00	1.20E+00	69.91	0.00E+00	0	4.66E-01	27.22	4.91E-02	2.87	1.71E+00	2.80E+01	9.36E+01	0.06	0.02	0.06	0.02
Metals	Lead	1.92E+01	2.09E-01	1.40E+00	1.28E+00	4.31E-01	35.03	0.00E+00	0	7.63E-01	61.99	3.67E-02	2.98	1.23E+00	4.70E+00	8.90E+00	0.3	0.1	0.3	0.1
Metals	Manganese	8.55E+03	1.01E+02	3.42E+01	5.61E+01	1.92E+02	90.43	0.00E+00	0	1.87E+01	8.81	1.61E+00	0.76	2.12E+02	5.15E+01	1.46E+02	4	**1**	4	**1**
Metals	Mercury	7.87E-02	4.43E-04	3.15E-03	5.59E-06	1.77E-03	50.67	0.00E+00	0	1.72E-03	49.32	1.61E-07	0.00	3.49E-03	1.01E+00	1.01E+01	0.003	0.0003	0.003	0.0003
Metals	Vanadium	4.27E+01	3.11E-02	2.87E-01	1.68E-01	9.59E-01	85.57	0.00E+00	0	1.57E-01	13.99	4.84E-03	0.43	1.12E+00	4.16E+00	8.31E+00	0.3	0.1	0.3	0.1
OCPs	4,4'-DDE	1.61E-01	3.08E-03	3.82E-01	1.36E+01	3.61E-03	0.60	0.00E+00	0	2.08E-01	34.49	3.92E-01	64.91	6.04E-01	1.47E-01	7.35E-01	4	0.8	4	0.8
OCPs	4,4'-DDT	4.30E-02	1.14E-03	8.70E-02	4.04E-01	9.65E-04	1.61	0.00E+00	0	4.75E-02	79.05	1.16E-02	19.34	6.01E-02	1.47E-01	7.35E-01	0.4	0.08	0.4	0.08
OCPs	Calculated DDx (ND=0.5DL)	1.89E-01	3.47E-03	3.38E-01	1.63E+00	4.24E-03	1.80	0.00E+00	0	1.85E-01	78.30	4.70E-02	19.90	2.36E-01	1.47E-01	7.35E-01	2	0.3	2	0.3
OCPs	beta-BHC	5.96E-02	2.17E-03	2.50E-01	8.70E-01	1.34E-03	0.82	0.00E+00	0	1.37E-01	83.84	2.50E-02	15.34	1.63E-01	4.00E-01	2.00E+00	0.4	0.08	0.4	0.08
OCPs	Hexachlorobenzene	1.79E-01	4.10E-04	1.31E+00	5.73E-02	4.02E-03	0.56	0.00E+00	0	7.13E-01	99.21	1.65E-03	0.23	7.19E-01	1.60E+00	1.60E+01	0.4	0.04	0.4	0.04
PCBs	Calculated Total PCBs (ND=0.5DL)	1.90E-01	2.85E-04	2.15E-01	1.05E-04	4.27E-03	3.51	0.00E+00	0	1.17E-01	96.49	3.02E-06	0.002	1.22E-01	2.56E-01	1.27E+00	0.5	0.1	0.5	0.1
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	2.47E-05	3.71E-08	2.79E-05	1.36E-08	5.55E-07	3.51	0.00E+00	0	1.53E-05	96.49	3.92E-10	0.002	1.58E-05	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	1.37E-05	2.05E-08	1.54E-05	7.53E-09	3.06E-07	3.51	0.00E+00	0	8.43E-06	96.49	2.17E-10	0.002	8.73E-06	8.40E-06	3.10E-05	**1**	0.3	**1**	0.3
SVOCs	Octachlorostyrene	1.04E+00	1.57E-01	1.67E-01	3.34E-01	2.34E-02	18.86	0.00E+00	0	9.12E-02	73.42	9.60E-03	7.73	1.24E-01	2.63E+00	2.63E+01	0.05	0.005	0.05	0.005

TABLE I-1e: Potential Daily Dose and Hazard Quotients for Desert Shrew: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.00E+02	2.52E+01	3.62E+01	1.51E+01	2.25E+00	10.01	0.00E+00	0	1.98E+01	88.06	4.33E-01	1.928	2.25E+01	6.40E+00	3.20E+01	4	0.7	4	0.7
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	9.20E-04	7.73E-07	1.79E-04	6.82E-07	2.07E-05	17.40	0.00E+00	0	9.80E-05	82.58	1.96E-08	0.017	1.19E-04	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	4.78E-04	4.01E-07	9.32E-05	3.54E-07	1.07E-05	17.40	0.00E+00	0	5.09E-05	82.58	1.02E-08	0.017	6.16E-05	8.40E-06	3.10E-05	7	2	7	2
Metals	Antimony	4.06E-01	2.54E-03	6.49E-02	3.25E-03	9.11E-03	20.39	0.00E+00	0	3.55E-02	79.40	9.33E-05	0.21	4.47E-02	5.90E-02	5.90E-01	0.8	0.08	0.8	0.08
Metals	Boron	2.62E+01	3.93E-01	4.19E-01	8.39E-01	5.88E-01	69.91	0.00E+00	0	2.29E-01	27.22	2.41E-02	2.87	8.42E-01	2.80E+01	9.36E+01	0.03	0.009	0.03	0.009
Metals	Lead	1.47E+01	1.79E-01	1.12E+00	1.13E+00	3.29E-01	33.74	0.00E+00	0	6.13E-01	62.92	3.25E-02	3.34	9.75E-01	4.70E+00	8.90E+00	0.2	0.1	0.2	0.1
Metals	Manganese	3.11E+03	3.69E+01	1.72E+01	2.04E+01	6.99E+01	87.51	0.00E+00	0	9.39E+00	11.76	5.87E-01	0.74	7.98E+01	5.15E+01	1.46E+02	2	0.5	2	0.5
Metals	Mercury	5.21E-02	2.93E-04	2.08E-03	3.70E-06	1.17E-03	50.67	0.00E+00	0	1.14E-03	49.32	1.06E-07	0.00	2.31E-03	1.01E+00	1.01E+01	0.002	0.0002	0.002	0.0002
Metals	Vanadium	4.12E+01	3.00E-02	2.77E-01	1.62E-01	9.25E-01	85.57	0.00E+00	0	1.51E-01	13.99	4.66E-03	0.43	1.08E+00	4.16E+00	8.31E+00	0.3	0.1	0.3	0.1
OCPs	4,4'-DDE	6.73E-02	1.60E-03	1.77E-01	8.34E+00	1.51E-03	0.45	0.00E+00	0	9.67E-02	28.61	2.40E-01	70.94	3.38E-01	1.47E-01	7.35E-01	2	0.5	2	0.5
OCPs	4,4'-DDT	2.17E-02	6.82E-04	4.80E-02	2.63E-01	4.87E-04	1.42	0.00E+00	0	2.62E-02	76.54	7.55E-03	22.04	3.43E-02	1.47E-01	7.35E-01	0.2	0.05	0.2	0.05
OCPs	Calculated DDx (ND=0.5DL)	9.35E-02	2.05E-03	1.68E-01	8.10E-01	2.10E-03	1.80	0.00E+00	0	9.16E-02	78.30	2.33E-02	19.90	1.17E-01	1.47E-01	7.35E-01	0.8	0.2	0.8	0.2
OCPs	beta-BHC	3.84E-02	1.40E-03	1.61E-01	6.32E-01	8.62E-04	0.80	0.00E+00	0	8.80E-02	82.21	1.82E-02	16.98	1.07E-01	4.00E-01	2.00E+00	0.3	0.05	0.3	0.05
OCPs	Hexachlorobenzene	1.30E-01	2.98E-04	9.50E-01	4.17E-02	2.93E-03	0.56	0.00E+00	0	5.19E-01	99.21	1.20E-03	0.23	5.23E-01	1.60E+00	1.60E+01	0.3	0.03	0.3	0.03
PCBs	Calculated Total PCBs (ND=0.5DL)	1.18E-01	1.78E-04	1.34E-01	6.54E-05	2.66E-03	3.51	0.00E+00	0	7.31E-02	96.49	1.88E-06	0.002	7.58E-02	2.56E-01	1.27E+00	0.3	0.06	0.3	0.06
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.64E-05	2.46E-08	1.85E-05	9.04E-09	3.67E-07	3.51	0.00E+00	0	1.01E-05	96.49	2.60E-10	0.002	1.05E-05	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	9.05E-06	1.36E-08	1.02E-05	5.00E-09	2.03E-07	3.51	0.00E+00	0	5.59E-06	96.49	1.44E-10	0.002	5.79E-06	8.40E-06	3.10E-05	0.7	0.2	0.7	0.2
SVOCs	Octachlorostyrene	5.09E-01	7.63E-02	8.14E-02	1.63E-01	1.14E-02	18.86	0.00E+00	0	4.45E-02	73.42	4.68E-03	7.73	6.06E-02	2.63E+00	2.63E+01	0.02	0.002	0.02	0.002

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	4.79E-03	20.4	0.00E+00	0	1.87E-02	79.4	4.91E-05	0.21	2.35E-02	5.90E-02	5.90E-01	0.4	0.04	0.4	0.04
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	9.63E-02	69.9	0.00E+00	0	3.75E-02	27.2	3.94E-03	2.87	1.38E-01	2.80E+01	9.36E+01	0.005	0.001	0.005	0.001
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	2.07E-01	31.6	0.00E+00	0	4.23E-01	64.4	2.65E-02	4.04	6.57E-01	4.70E+00	8.90E+00	0.1	0.07	0.1	0.07
Metals	Manganese	4.37E+02	5.18E+00	4.50E+00	2.87E+00	9.81E+00	79.4	0.00E+00	0	2.46E+00	19.9	8.24E-02	0.67	1.24E+01	5.15E+01	1.46E+02	0.2	0.08	0.2	0.08
Metals	Mercury	2.14E-02	1.21E-04	8.58E-04	1.52E-06	4.81E-04	50.7	0.00E+00	0	4.68E-04	49.3	4.38E-08	0.00	9.50E-04	1.01E+00	1.01E+01	0.0009	0.00009	0.0009	0.00009
Metals	Vanadium	4.06E+01	2.96E-02	2.73E-01	1.60E-01	9.12E-01	85.6	0.00E+00	0	1.49E-01	14.0	4.60E-03	0.43	1.07E+00	4.16E+00	8.31E+00	0.3	0.1	0.3	0.1
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Hexachlorobenzene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.60E+00	1.60E+01	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated Total PCBs (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.56E-01	1.27E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
SVOCs	Octachlorostyrene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.63E+00	2.63E+01	No BKG	No BKG	No BKG	No BKG

TABLE I-1e: Potential Daily Dose and Hazard Quotients for Desert Shrew: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
500	100 < HQ

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-1f: Potential Daily Dose and Hazard Quotients for Fringed Myotis: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0035) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+03	2.36E+02	1.62E+03	6.72E+02	0.00E+00	0	0.00E+00	0	1.07E+03	100	0.00E+00	0	1.07E+03	6.40E+00	3.20E+01	200	30	0.6	0.1
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.49E-02	3.78E-05	8.76E-03	3.33E-05	0.00E+00	0	0.00E+00	0	5.83E-03	100	0.00E+00	0	5.83E-03	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	3.14E-02	2.64E-05	6.13E-03	2.33E-05	0.00E+00	0	0.00E+00	0	4.08E-03	100	0.00E+00	0	4.08E-03	8.40E-06	3.10E-05	500	100	2	0.5
Metals	Antimony	2.40E+00	1.34E-02	3.84E-01	1.92E-02	0.00E+00	0	0.00E+00	0	2.55E-01	100	0.00E+00	0	2.55E-01	5.90E-02	5.90E-01	4	0.4	0.02	0.002
Metals	Boron	1.51E+03	2.27E+01	2.42E+01	4.83E+01	0.00E+00	0	0.00E+00	0	1.61E+01	100	0.00E+00	0	1.61E+01	2.80E+01	9.36E+01	0.6	0.2	0.002	0.0006
Metals	Lead	2.67E+02	9.13E-01	1.17E+01	4.09E+00	0.00E+00	0	0.00E+00	0	7.77E+00	100	0.00E+00	0	7.77E+00	4.70E+00	8.90E+00	2	0.9	0.006	0.003
Metals	Manganese	2.50E+05	2.96E+03	3.42E+02	1.64E+03	0.00E+00	0	0.00E+00	0	2.27E+02	100	0.00E+00	0	2.27E+02	5.15E+01	1.46E+02	4	2	0.02	0.005
Metals	Mercury	1.80E+00	1.01E-02	7.20E-02	1.28E-04	0.00E+00	0	0.00E+00	0	4.79E-02	100	0.00E+00	0	4.79E-02	1.01E+00	1.01E+01	0.05	0.005	0.0002	0.00002
Metals	Vanadium	6.76E+01	4.92E-02	4.54E-01	2.66E-01	0.00E+00	0	0.00E+00	0	3.02E-01	100	0.00E+00	0	3.02E-01	4.16E+00	8.31E+00	0.07	0.04	0.0003	0.0001
OCPs	4,4'-DDE	3.50E+00	3.12E-02	5.74E+00	7.76E+01	0.00E+00	0	0.00E+00	0	3.82E+00	100	0.00E+00	0	3.82E+00	1.47E-01	7.35E-01	30	5	0.09	0.02
OCPs	4,4'-DDT	7.70E-01	9.99E-03	1.07E+00	2.49E+00	0.00E+00	0	0.00E+00	0	7.09E-01	100	0.00E+00	0	7.09E-01	1.47E-01	7.35E-01	5	**1**	0.02	0.003
OCPs	Calculated DDx (ND=0.5DL)	4.30E+00	3.65E-02	7.71E+00	3.72E+01	0.00E+00	0	0.00E+00	0	5.12E+00	100	0.00E+00	0	5.12E+00	1.47E-01	7.35E-01	30	7	0.1	0.02
OCPs	beta-BHC	8.70E-01	3.17E-02	3.65E+00	6.08E+00	0.00E+00	0	0.00E+00	0	2.43E+00	100	0.00E+00	0	2.43E+00	4.00E-01	2.00E+00	6	**1**	0.02	0.004
OCPs	Hexachlorobenzene	4.60E+00	1.05E-02	3.35E+01	1.47E+00	0.00E+00	0	0.00E+00	0	2.23E+01	100	0.00E+00	0	2.23E+01	1.60E+00	1.60E+01	10	**1**	0.05	0.005
PCBs	Calculated Total PCBs (ND=0.5DL)	8.59E-01	1.29E-03	9.71E-01	4.74E-04	0.00E+00	0	0.00E+00	0	6.45E-01	100	0.00E+00	0	6.45E-01	2.56E-01	1.27E+00	3	0.5	0.009	0.002
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.07E-04	1.60E-07	1.21E-04	5.91E-08	0.00E+00	0	0.00E+00	0	8.04E-05	100	0.00E+00	0	8.04E-05	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	5.98E-05	8.97E-08	6.76E-05	3.30E-08	0.00E+00	0	0.00E+00	0	4.49E-05	100	0.00E+00	0	4.49E-05	8.40E-06	3.10E-05	5	**1**	0.02	0.005
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	0.00E+00	0	0.00E+00	0	1.38E-01	100	0.00E+00	0	1.38E-01	2.63E+00	2.63E+01	0.05	0.005	0.0002	0.00002

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0035) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.60E+02	3.32E+01	5.80E+01	2.41E+01	0.00E+00	0	0.00E+00	0	3.85E+01	100	0.00E+00	0	3.85E+01	6.40E+00	3.20E+01	6	**1**	0.02	0.004
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03	1.21E-06	2.81E-04	1.07E-06	0.00E+00	0	0.00E+00	0	1.87E-04	100	0.00E+00	0	1.87E-04	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	8.70E-04	7.31E-07	1.70E-04	6.45E-07	0.00E+00	0	0.00E+00	0	1.13E-04	100	0.00E+00	0	1.13E-04	8.40E-06	3.10E-05	10	4	0.05	0.01
Metals	Antimony	4.70E-01	2.92E-03	7.52E-02	3.76E-03	0.00E+00	0	0.00E+00	0	5.00E-02	100	0.00E+00	0	5.00E-02	5.90E-02	5.90E-01	0.8	0.08	0.003	0.0003
Metals	Boron	5.34E+01	8.00E-01	8.54E-01	1.71E+00	0.00E+00	0	0.00E+00	0	5.67E-01	100	0.00E+00	0	5.67E-01	2.80E+01	9.36E+01	0.02	0.006	0.00007	0.00002
Metals	Lead	1.92E+01	2.09E-01	1.40E+00	1.28E+00	0.00E+00	0	0.00E+00	0	9.29E-01	100	0.00E+00	0	9.29E-01	4.70E+00	8.90E+00	0.2	0.1	0.0007	0.0004
Metals	Manganese	8.55E+03	1.01E+02	3.42E+01	5.61E+01	0.00E+00	0	0.00E+00	0	2.28E+01	100	0.00E+00	0	2.28E+01	5.15E+01	1.46E+02	0.4	0.2	0.002	0.0005
Metals	Mercury	7.87E-02	4.43E-04	3.15E-03	5.59E-06	0.00E+00	0	0.00E+00	0	2.09E-03	100	0.00E+00	0	2.09E-03	1.01E+00	1.01E+01	0.002	0.0002	0.000007	0.0000007
Metals	Vanadium	4.27E+01	3.11E-02	2.87E-01	1.68E-01	0.00E+00	0	0.00E+00	0	1.91E-01	100	0.00E+00	0	1.91E-01	4.16E+00	8.31E+00	0.05	0.02	0.0002	0.00008
OCPs	4,4'-DDE	1.61E-01	3.08E-03	3.82E-01	1.36E+01	0.00E+00	0	0.00E+00	0	2.54E-01	100	0.00E+00	0	2.54E-01	1.47E-01	7.35E-01	2	0.3	0.006	0.001
OCPs	4,4'-DDT	4.30E-02	1.14E-03	8.70E-02	4.04E-01	0.00E+00	0	0.00E+00	0	5.78E-02	100	0.00E+00	0	5.78E-02	1.47E-01	7.35E-01	0.4	0.08	0.001	0.0003
OCPs	Calculated DDx (ND=0.5DL)	1.89E-01	3.47E-03	3.38E-01	1.63E+00	0.00E+00	0	0.00E+00	0	2.25E-01	100	0.00E+00	0	2.25E-01	1.47E-01	7.35E-01	2	0.3	0.005	0.001
OCPs	beta-BHC	5.96E-02	2.17E-03	2.50E-01	8.70E-01	0.00E+00	0	0.00E+00	0	1.66E-01	100	0.00E+00	0	1.66E-01	4.00E-01	2.00E+00	0.4	0.08	0.001	0.0003
OCPs	Hexachlorobenzene	1.79E-01	4.10E-04	1.31E+00	5.73E-02	0.00E+00	0	0.00E+00	0	8.68E-01	100	0.00E+00	0	8.68E-01	1.60E+00	1.60E+01	0.5	0.05	0.002	0.0002
PCBs	Calculated Total PCBs (ND=0.5DL)	1.90E-01	2.85E-04	2.15E-01	1.05E-04	0.00E+00	0	0.00E+00	0	1.43E-01	100	0.00E+00	0	1.43E-01	2.56E-01	1.27E+00	0.6	0.1	0.002	0.0004
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	2.47E-05	3.71E-08	2.79E-05	1.36E-08	0.00E+00	0	0.00E+00	0	1.86E-05	100	0.00E+00	0	1.86E-05	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	1.37E-05	2.05E-08	1.54E-05	7.53E-09	0.00E+00	0	0.00E+00	0	1.03E-05	100	0.00E+00	0	1.03E-05	8.40E-06	3.10E-05	**1**	0.3	0.004	0.001
SVOCs	Octachlorostyrene	1.04E+00	1.57E-01	1.67E-01	3.34E-01	0.00E+00	0	0.00E+00	0	1.11E-01	100	0.00E+00	0	1.11E-01	2.63E+00	2.63E+01	0.04	0.004	0.0001	0.00001

TABLE I-1f: Potential Daily Dose and Hazard Quotients for Fringed Myotis: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0035) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.00E+02	2.52E+01	3.62E+01	1.51E+01	0.00E+00	0	0.00E+00	0	2.41E+01	100	0.00E+00	0	2.41E+01	6.40E+00	3.20E+01	4	0.8	0.01	0.003
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	9.20E-04	7.73E-07	1.79E-04	6.82E-07	0.00E+00	0	0.00E+00	0	1.19E-04	100	0.00E+00	0	1.19E-04	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	4.78E-04	4.01E-07	9.32E-05	3.54E-07	0.00E+00	0	0.00E+00	0	6.19E-05	100	0.00E+00	0	6.19E-05	8.40E-06	3.10E-05	7	2	0.03	0.007
Metals	Antimony	4.06E-01	2.54E-03	6.49E-02	3.25E-03	0.00E+00	0	0.00E+00	0	4.31E-02	100	0.00E+00	0	4.31E-02	5.90E-02	5.90E-01	0.7	0.07	0.003	0.0003
Metals	Boron	2.62E+01	3.93E-01	4.19E-01	8.39E-01	0.00E+00	0	0.00E+00	0	2.79E-01	100	0.00E+00	0	2.79E-01	2.80E+01	9.36E+01	0.01	0.003	0.00003	0.00001
Metals	Lead	1.47E+01	1.79E-01	1.12E+00	1.13E+00	0.00E+00	0	0.00E+00	0	7.47E-01	100	0.00E+00	0	7.47E-01	4.70E+00	8.90E+00	0.2	0.08	0.0006	0.0003
Metals	Manganese	3.11E+03	3.69E+01	1.72E+01	2.04E+01	0.00E+00	0	0.00E+00	0	1.14E+01	100	0.00E+00	0	1.14E+01	5.15E+01	1.46E+02	0.2	0.08	0.0008	0.0003
Metals	Mercury	5.21E-02	2.93E-04	2.08E-03	3.70E-06	0.00E+00	0	0.00E+00	0	1.39E-03	100	0.00E+00	0	1.39E-03	1.01E+00	1.01E+01	0.001	0.0001	0.000005	0.0000005
Metals	Vanadium	4.12E+01	3.00E-02	2.77E-01	1.62E-01	0.00E+00	0	0.00E+00	0	1.84E-01	100	0.00E+00	0	1.84E-01	4.16E+00	8.31E+00	0.04	0.02	0.0002	0.00008
OCPs	4,4'-DDE	6.73E-02	1.60E-03	1.77E-01	8.34E+00	0.00E+00	0	0.00E+00	0	1.18E-01	100	0.00E+00	0	1.18E-01	1.47E-01	7.35E-01	0.8	0.2	0.003	0.0006
OCPs	4,4'-DDT	2.17E-02	6.82E-04	4.80E-02	2.63E-01	0.00E+00	0	0.00E+00	0	3.19E-02	100	0.00E+00	0	3.19E-02	1.47E-01	7.35E-01	0.2	0.04	0.0008	0.0002
OCPs	Calculated DDx (ND=0.5DL)	9.35E-02	2.05E-03	1.68E-01	8.10E-01	0.00E+00	0	0.00E+00	0	1.11E-01	100	0.00E+00	0	1.11E-01	1.47E-01	7.35E-01	0.8	0.2	0.003	0.0005
OCPs	beta-BHC	3.84E-02	1.40E-03	1.61E-01	6.32E-01	0.00E+00	0	0.00E+00	0	1.07E-01	100	0.00E+00	0	1.07E-01	4.00E-01	2.00E+00	0.3	0.05	0.0009	0.0002
OCPs	Hexachlorobenzene	1.30E-01	2.98E-04	9.50E-01	4.17E-02	0.00E+00	0	0.00E+00	0	6.32E-01	100	0.00E+00	0	6.32E-01	1.60E+00	1.60E+01	0.4	0.04	0.001	0.0001
PCBs	Calculated Total PCBs (ND=0.5DL)	1.18E-01	1.78E-04	1.34E-01	6.54E-05	0.00E+00	0	0.00E+00	0	8.90E-02	100	0.00E+00	0	8.90E-02	2.56E-01	1.27E+00	0.3	0.07	0.001	0.0002
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.64E-05	2.46E-08	1.85E-05	9.04E-09	0.00E+00	0	0.00E+00	0	1.23E-05	100	0.00E+00	0	1.23E-05	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	9.05E-06	1.36E-08	1.02E-05	5.00E-09	0.00E+00	0	0.00E+00	0	6.80E-06	100	0.00E+00	0	6.80E-06	8.40E-06	3.10E-05	0.8	0.2	0.003	0.0008
SVOCs	Octachlorostyrene	5.09E-01	7.63E-02	8.14E-02	1.63E-01	0.00E+00	0	0.00E+00	0	5.41E-02	100	0.00E+00	0	5.41E-02	2.63E+00	2.63E+01	0.02	0.002	0.00007	0.000007

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	0.00E+00	0	0.00E+00	0	2.27E-02	100	0.00E+00	0	2.27E-02	5.90E-02	5.90E-01	0.4	0.04	0.4	0.04
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	0.00E+00	0	0.00E+00	0	4.56E-02	100	0.00E+00	0	4.56E-02	2.80E+01	9.36E+01	0.002	0.0005	0.002	0.0005
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	0.00E+00	0	0.00E+00	0	5.14E-01	100	0.00E+00	0	5.14E-01	4.70E+00	8.90E+00	0.1	0.06	0.1	0.06
Metals	Manganese	4.37E+02	5.18E+00	4.50E+00	2.87E+00	0.00E+00	0	0.00E+00	0	2.99E+00	100	0.00E+00	0	2.99E+00	5.15E+01	1.46E+02	0.06	0.02	0.06	0.02
Metals	Mercury	2.14E-02	1.21E-04	8.58E-04	1.52E-06	0.00E+00	0	0.00E+00	0	5.70E-04	100	0.00E+00	0	5.70E-04	1.01E+00	1.01E+01	0.0006	0.00006	0.0006	0.00006
Metals	Vanadium	4.06E+01	2.96E-02	2.73E-01	1.60E-01	0.00E+00	0	0.00E+00	0	1.82E-01	100	0.00E+00	0	1.82E-01	4.16E+00	8.31E+00	0.04	0.02	0.04	0.02
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Hexachlorobenzene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.60E+00	1.60E+01	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated Total PCBs (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.56E-01	1.27E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
SVOCs	Octachlorostyrene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.63E+00	2.63E+01	No BKG	No BKG	No BKG	No BKG

TABLE I-1f: Potential Daily Dose and Hazard Quotients for Fringed Myotis: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
500	100 < HQ

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-1g: Potential Daily Dose and Hazard Quotients for Raccoon: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.17) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+03	2.36E+02	1.62E+03	6.72E+02	2.12E+01	11.76	2.86E+01	15.86	1.31E+02	72.38	0.00E+00	0	1.81E+02	6.40E+00	3.20E+01	30	6	5	**1**
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.49E-02	3.78E-05	8.76E-03	3.33E-05	2.14E-04	23.04	4.58E-06	0.49	7.09E-04	76.47	0.00E+00	0	9.27E-04	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	3.14E-02	2.64E-05	6.13E-03	2.33E-05	1.49E-04	23.04	3.20E-06	0.49	4.96E-04	76.47	0.00E+00	0	6.48E-04	8.40E-06	3.10E-05	80	20	10	4
Metals	Antimony	2.40E+00	1.34E-02	3.84E-01	1.92E-02	1.14E-02	25.86	1.63E-03	3.70	3.11E-02	70.44	0.00E+00	0	4.41E-02	5.90E-02	5.90E-01	0.7	0.07	0.1	0.01
Metals	Boron	1.51E+03	2.27E+01	2.42E+01	4.83E+01	7.17E+00	60.41	2.75E+00	23.14	1.95E+00	16.45	0.00E+00	0	1.19E+01	2.80E+01	9.36E+01	0.4	0.1	0.07	0.02
Metals	Lead	2.67E+02	9.13E-01	1.17E+01	4.09E+00	1.27E+00	54.58	1.11E-01	4.77	9.45E-01	40.66	0.00E+00	0	2.32E+00	4.70E+00	8.90E+00	0.5	0.3	0.08	0.04
Metals	Manganese	2.50E+05	2.96E+03	3.42E+02	1.64E+03	1.19E+03	75.42	3.59E+02	22.82	2.77E+01	1.76	0.00E+00	0	1.57E+03	5.15E+01	1.46E+02	30	10	5	2
Metals	Mercury	1.80E+00	1.01E-02	7.20E-02	1.28E-04	8.55E-03	54.81	1.23E-03	7.87	5.82E-03	37.32	0.00E+00	0	1.56E-02	1.01E+00	1.01E+01	0.02	0.002	0.003	0.0003
Metals	Vanadium	6.76E+01	4.92E-02	4.54E-01	2.66E-01	3.21E-01	88.26	5.97E-03	1.64	3.67E-02	10.10	0.00E+00	0	3.64E-01	4.16E+00	8.31E+00	0.09	0.04	0.01	0.007
OCPs	4,4'-DDE	3.50E+00	3.12E-02	5.74E+00	7.76E+01	1.66E-02	3.43	3.79E-03	0.78	4.64E-01	95.79	0.00E+00	0	4.85E-01	1.47E-01	7.35E-01	3	0.7	0.6	0.1
OCPs	4,4'-DDT	7.70E-01	9.99E-03	1.07E+00	2.49E+00	3.66E-03	4.01	1.21E-03	1.33	8.63E-02	94.66	0.00E+00	0	9.12E-02	1.47E-01	7.35E-01	0.6	0.1	0.1	0.02
OCPs	Calculated DDx (ND=0.5DL)	4.30E+00	3.65E-02	7.71E+00	3.72E+01	2.04E-02	3.15	4.42E-03	0.68	6.23E-01	96.16	0.00E+00	0	6.48E-01	1.47E-01	7.35E-01	4	0.9	0.7	0.1
OCPs	beta-BHC	8.70E-01	3.17E-02	3.65E+00	6.08E+00	4.13E-03	1.36	3.85E-03	1.27	2.95E-01	97.37	0.00E+00	0	3.03E-01	4.00E-01	2.00E+00	0.8	0.2	0.1	0.03
OCPs	Hexachlorobenzene	4.60E+00	1.05E-02	3.35E+01	1.47E+00	2.19E-02	0.80	1.28E-03	0.05	2.71E+00	99.15	0.00E+00	0	2.73E+00	1.60E+00	1.60E+01	2	0.2	0.3	0.03
PCBs	Calculated Total PCBs (ND=0.5DL)	8.59E-01	1.29E-03	9.71E-01	4.74E-04	4.08E-03	4.93	1.56E-04	0.19	7.85E-02	94.88	0.00E+00	0	8.27E-02	2.56E-01	1.27E+00	0.3	0.06	0.06	0.01
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.07E-04	1.60E-07	1.21E-04	5.91E-08	5.08E-07	4.93	1.95E-08	0.19	9.78E-06	94.88	0.00E+00	0	1.03E-05	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	5.98E-05	8.97E-08	6.76E-05	3.30E-08	2.84E-07	4.93	1.09E-08	0.19	5.47E-06	94.88	0.00E+00	0	5.76E-06	8.40E-06	3.10E-05	0.7	0.2	0.1	0.03
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	6.18E-03	13.24	2.37E-02	50.70	1.68E-02	36.06	0.00E+00	0	4.67E-02	2.63E+00	2.63E+01	0.02	0.002	0.003	0.0003

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.17) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.60E+02	3.32E+01	5.80E+01	2.41E+01	7.62E-01	8.03	4.03E+00	42.53	4.69E+00	49.44	0.00E+00	0	9.48E+00	6.40E+00	3.20E+01	**1**	0.3	0.3	0.05
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03	1.21E-06	2.81E-04	1.07E-06	6.86E-06	23.04	1.47E-07	0.49	2.28E-05	76.47	0.00E+00	0	2.98E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	8.70E-04	7.31E-07	1.70E-04	6.45E-07	4.13E-06	23.04	8.87E-08	0.49	1.37E-05	76.47	0.00E+00	0	1.79E-05	8.40E-06	3.10E-05	2	0.6	0.4	0.1
Metals	Antimony	4.70E-01	2.92E-03	7.52E-02	3.76E-03	2.23E-03	25.76	3.54E-04	4.08	6.09E-03	70.16	0.00E+00	0	8.67E-03	5.90E-02	5.90E-01	0.1	0.01	0.02	0.002
Metals	Boron	5.34E+01	8.00E-01	8.54E-01	1.71E+00	2.53E-01	60.41	9.71E-02	23.14	6.90E-02	16.45	0.00E+00	0	4.20E-01	2.80E+01	9.36E+01	0.01	0.004	0.003	0.0008
Metals	Lead	1.92E+01	2.09E-01	1.40E+00	1.28E+00	9.13E-02	39.76	2.53E-02	11.02	1.13E-01	49.22	0.00E+00	0	2.30E-01	4.70E+00	8.90E+00	0.05	0.03	0.008	0.004
Metals	Manganese	8.55E+03	1.01E+02	3.42E+01	5.61E+01	4.06E+01	72.96	1.23E+01	22.07	2.77E+00	4.97	0.00E+00	0	5.57E+01	5.15E+01	1.46E+02	**1**	0.4	0.2	0.06
Metals	Mercury	7.87E-02	4.43E-04	3.15E-03	5.59E-06	3.74E-04	54.81	5.37E-05	7.87	2.55E-04	37.32	0.00E+00	0	6.82E-04	1.01E+00	1.01E+01	0.0007	0.00007	0.0001	0.00001
Metals	Vanadium	4.27E+01	3.11E-02	2.87E-01	1.68E-01	2.03E-01	88.26	3.77E-03	1.64	2.32E-02	10.10	0.00E+00	0	2.30E-01	4.16E+00	8.31E+00	0.06	0.03	0.009	0.005
OCPs	4,4'-DDE	1.61E-01	3.08E-03	3.82E-01	1.36E+01	7.65E-04	2.39	3.73E-04	1.17	3.09E-02	96.44	0.00E+00	0	3.20E-02	1.47E-01	7.35E-01	0.2	0.04	0.04	0.007
OCPs	4,4'-DDT	4.30E-02	1.14E-03	8.70E-02	4.04E-01	2.04E-04	2.77	1.38E-04	1.87	7.04E-03	95.36	0.00E+00	0	7.38E-03	1.47E-01	7.35E-01	0.05	0.01	0.009	0.002
OCPs	Calculated DDx (ND=0.5DL)	1.89E-01	3.47E-03	3.38E-01	1.63E+00	8.97E-04	3.13	4.21E-04	1.47	2.74E-02	95.40	0.00E+00	0	2.87E-02	1.47E-01	7.35E-01	0.2	0.04	0.03	0.007
OCPs	beta-BHC	5.96E-02	2.17E-03	2.50E-01	8.70E-01	2.83E-04	1.36	2.64E-04	1.27	2.02E-02	97.37	0.00E+00	0	2.08E-02	4.00E-01	2.00E+00	0.05	0.01	0.009	0.002
OCPs	Hexachlorobenzene	1.79E-01	4.10E-04	1.31E+00	5.73E-02	8.51E-04	0.80	4.97E-05	0.05	1.06E-01	99.15	0.00E+00	0	1.06E-01	1.60E+00	1.60E+01	0.07	0.007	0.01	0.001
PCBs	Calculated Total PCBs (ND=0.5DL)	1.90E-01	2.85E-04	2.15E-01	1.05E-04	9.03E-04	4.93	3.46E-05	0.19	1.74E-02	94.88	0.00E+00	0	1.83E-02	2.56E-01	1.27E+00	0.07	0.01	0.01	0.002
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	2.47E-05	3.71E-08	2.79E-05	1.36E-08	1.17E-07	4.93	4.50E-09	0.19	2.26E-06	94.88	0.00E+00	0	2.38E-06	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	1.37E-05	2.05E-08	1.54E-05	7.53E-09	6.49E-08	4.93	2.48E-09	0.19	1.25E-06	94.88	0.00E+00	0	1.31E-06	8.40E-06	3.10E-05	0.2	0.04	0.03	0.007
SVOCs	Octachlorostyrene	1.04E+00	1.57E-01	1.67E-01	3.34E-01	4.96E-03	13.24	1.90E-02	50.70	1.35E-02	36.06	0.00E+00	0	3.75E-02	2.63E+00	2.63E+01	0.01	0.001	0.002	0.0002

TABLE I-1g: Potential Daily Dose and Hazard Quotients for Raccoon: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.17) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.00E+02	2.52E+01	3.62E+01	1.51E+01	4.76E-01	7.3645783	3.06E+00	47.31	2.93E+00	45.33	0.00E+00	0	6.46E+00	6.40E+00	3.20E+01	**1**	0.2	0.2	0.03
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	9.20E-04	7.73E-07	1.79E-04	6.82E-07	4.37E-06	23.038312	9.38E-08	0.49	1.45E-05	76.47	0.00E+00	0	1.90E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	4.78E-04	4.01E-07	9.32E-05	3.54E-07	2.27E-06	23.038312	4.87E-08	0.49	7.53E-06	76.47	0.00E+00	0	9.85E-06	8.40E-06	3.10E-05	**1**	0.3	0.2	0.05
Metals	Antimony	4.06E-01	2.54E-03	6.49E-02	3.25E-03	1.93E-03	25.75237	3.08E-04	4.11	5.25E-03	70.13	0.00E+00	0	7.48E-03	5.90E-02	5.90E-01	0.1	0.01	0.02	0.002
Metals	Boron	2.62E+01	3.93E-01	4.19E-01	8.39E-01	1.25E-01	60.411311	4.77E-02	23.14	3.39E-02	16.45	0.00E+00	0	2.06E-01	2.80E+01	9.36E+01	0.007	0.002	0.001	0.0004
Metals	Lead	1.47E+01	1.79E-01	1.12E+00	1.13E+00	6.96E-02	38.215891	2.17E-02	11.94	9.08E-02	49.85	0.00E+00	0	1.82E-01	4.70E+00	8.90E+00	0.04	0.02	0.007	0.003
Metals	Manganese	3.11E+03	3.69E+01	1.72E+01	2.04E+01	1.48E+01	71.606696	4.47E+00	21.66	1.39E+00	6.73	0.00E+00	0	2.07E+01	5.15E+01	1.46E+02	0.4	0.1	0.07	0.02
Metals	Mercury	5.21E-02	2.93E-04	2.08E-03	3.70E-06	2.48E-04	54.810496	3.56E-05	7.87	1.69E-04	37.32	0.00E+00	0	4.52E-04	1.01E+00	1.01E+01	0.0004	0.00004	0.00008	0.000008
Metals	Vanadium	4.12E+01	3.00E-02	2.77E-01	1.62E-01	1.96E-01	88.264568	3.64E-03	1.64	2.24E-02	10.10	0.00E+00	0	2.22E-01	4.16E+00	8.31E+00	0.05	0.03	0.009	0.005
OCPs	4,4'-DDE	6.73E-02	1.60E-03	1.77E-01	8.34E+00	3.20E-04	2.1559598	1.94E-04	1.31	1.43E-02	96.54	0.00E+00	0	1.48E-02	1.47E-01	7.35E-01	0.1	0.02	0.02	0.003
OCPs	4,4'-DDT	2.17E-02	6.82E-04	4.80E-02	2.63E-01	1.03E-04	2.5336739	8.27E-05	2.03	3.88E-03	95.43	0.00E+00	0	4.07E-03	1.47E-01	7.35E-01	0.03	0.006	0.005	0.0009
OCPs	Calculated DDx (ND=0.5DL)	9.35E-02	2.05E-03	1.68E-01	8.10E-01	4.44E-04	3.12	2.48E-04	1.74	1.36E-02	95.14	0.00E+00	0	1.42E-02	1.47E-01	7.35E-01	0.1	0.02	0.02	0.003
OCPs	beta-BHC	3.84E-02	1.40E-03	1.61E-01	6.32E-01	1.82E-04	1.3628647	1.70E-04	1.27	1.30E-02	97.37	0.00E+00	0	1.34E-02	4.00E-01	2.00E+00	0.03	0.007	0.006	0.001
OCPs	Hexachlorobenzene	1.30E-01	2.98E-04	9.50E-01	4.17E-02	6.19E-04	0.7993658	3.62E-05	0.05	7.68E-02	99.15	0.00E+00	0	7.75E-02	1.60E+00	1.60E+01	0.05	0.005	0.008	0.0008
PCBs	Calculated Total PCBs (ND=0.5DL)	1.18E-01	1.78E-04	1.34E-01	6.54E-05	5.63E-04	4.9328296	2.16E-05	0.19	1.08E-02	94.88	0.00E+00	0	1.14E-02	2.56E-01	1.27E+00	0.04	0.009	0.008	0.002
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.64E-05	2.46E-08	1.85E-05	9.04E-09	7.78E-08	4.9328296	2.98E-09	0.19	1.50E-06	94.88	0.00E+00	0	1.58E-06	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	9.05E-06	1.36E-08	1.02E-05	5.00E-09	4.30E-08	4.9328296	1.65E-09	0.19	8.27E-07	94.88	0.00E+00	0	8.72E-07	8.40E-06	3.10E-05	0.1	0.03	0.02	0.005
SVOCs	Octachlorostyrene	5.09E-01	7.63E-02	8.14E-02	1.63E-01	2.42E-03	13.239437	9.26E-03	50.70	6.58E-03	36.06	0.00E+00	0	1.83E-02	2.63E+00	2.63E+01	0.007	0.0007	0.001	0.0001

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	1.01E-03	25.71	1.69E-04	4.27	2.76E-03	70.02	0.00E+00	0	3.95E-03	5.90E-02	5.90E-01	0.07	0.007	0.07	0.007
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	2.04E-02	60.41	7.80E-03	23.14	5.55E-03	16.45	0.00E+00	0	3.37E-02	2.80E+01	9.36E+01	0.001	0.0004	0.001	0.0004
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	4.39E-02	35.61	1.68E-02	13.62	6.26E-02	50.77	0.00E+00	0	1.23E-01	4.70E+00	8.90E+00	0.03	0.01	0.03	0.01
Metals	Manganese	4.37E+02	5.18E+00	4.50E+00	2.87E+00	2.08E+00	67.66	6.28E-01	20.47	3.64E-01	11.87	0.00E+00	0	3.07E+00	5.15E+01	1.46E+02	0.06	0.02	0.06	0.02
Metals	Mercury	2.14E-02	1.21E-04	8.58E-04	1.52E-06	1.02E-04	54.81	1.46E-05	7.87	6.94E-05	37.32	0.00E+00	0	1.86E-04	1.01E+00	1.01E+01	0.0002	0.00002	0.0002	0.00002
Metals	Vanadium	4.06E+01	2.96E-02	2.73E-01	1.60E-01	1.93E-01	88.26	3.59E-03	1.64	2.21E-02	10.10	0.00E+00	0	2.19E-01	4.16E+00	8.31E+00	0.05	0.03	0.05	0.03
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Hexachlorobenzene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.60E+00	1.60E+01	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated Total PCBs (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.56E-01	1.27E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
SVOCs	Octachlorostyrene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.63E+00	2.63E+01	No BKG	No BKG	No BKG	No BKG

TABLE I-1g: Potential Daily Dose and Hazard Quotients for Raccoon: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-1h : Potential Daily Dose and Hazard Quotients for Mourning Dove: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.017) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+03	2.36E+02	1.62E+03	6.72E+02	1.17E+01	30.56	2.65E+01	69.44	0.00E+00	0	0.00E+00	0	3.82E+01	1.30E+01	2.60E+01	3	1	0.05	0.02
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.49E-02	3.78E-05	8.76E-03	3.33E-05	1.17E-04	96.51	4.24E-06	3.49	0.00E+00	0	0.00E+00	0	1.21E-04	1.40E-05	1.40E-04	9	0.9	0.1	0.01
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	3.14E-02	2.64E-05	6.13E-03	2.33E-05	8.20E-05	96.51	2.96E-06	3.49	0.00E+00	0	0.00E+00	0	8.50E-05	NA	NA	NA	NA	NA	NA
Metals	Antimony	2.40E+00	1.34E-02	3.84E-01	1.92E-02	6.26E-03	80.58	1.51E-03	19.42	0.00E+00	0	0.00E+00	0	7.77E-03	NC	NC	NC	NC	NC	NC
Metals	Boron	1.51E+03	2.27E+01	2.42E+01	4.83E+01	3.94E+00	60.78	2.54E+00	39.22	0.00E+00	0	0.00E+00	0	6.48E+00	2.88E+01	1.00E+02	0.2	0.06	0.004	0.001
Metals	Lead	2.67E+02	9.13E-01	1.17E+01	4.09E+00	6.97E-01	87.17	1.02E-01	12.83	0.00E+00	0	0.00E+00	0	7.99E-01	1.63E+00	3.26E+00	0.5	0.2	0.008	0.004
Metals	Manganese	2.50E+05	2.96E+03	3.42E+02	1.64E+03	6.52E+02	66.24	3.32E+02	33.76	0.00E+00	0	0.00E+00	0	9.85E+02	1.79E+02	3.77E+02	6	3	0.09	0.04
Metals	Mercury	1.80E+00	1.01E-02	7.20E-02	1.28E-04	4.70E-03	80.52	1.14E-03	19.48	0.00E+00	0	0.00E+00	0	5.83E-03	3.25E-01	3.25E+00	0.02	0.002	0.0003	0.00003
Metals	Vanadium	6.76E+01	4.92E-02	4.54E-01	2.66E-01	1.76E-01	96.97	5.52E-03	3.03	0.00E+00	0	0.00E+00	0	1.82E-01	3.44E-01	6.88E-01	0.5	0.3	0.009	0.004
OCPs	4,4'-DDE	3.50E+00	3.12E-02	5.74E+00	7.76E+01	9.13E-03	72.27	3.50E-03	27.73	0.00E+00	0	0.00E+00	0	1.26E-02	2.27E-01	2.27E+00	0.06	0.006	0.0009	0.00009
OCPs	4,4'-DDT	7.70E-01	9.99E-03	1.07E+00	2.49E+00	2.01E-03	64.17	1.12E-03	35.83	0.00E+00	0	0.00E+00	0	3.13E-03	2.27E-01	2.27E+00	0.01	0.001	0.0002	0.00002
OCPs	Calculated DDx (ND=0.5DL)	4.30E+00	3.65E-02	7.71E+00	3.72E+01	1.12E-02	73.28	4.09E-03	26.72	0.00E+00	0	0.00E+00	0	1.53E-02	2.27E-01	2.27E+00	0.07	0.007	0.001	0.0001
OCPs	beta-BHC	8.70E-01	3.17E-02	3.65E+00	6.08E+00	2.27E-03	38.93	3.56E-03	61.07	0.00E+00	0	0.00E+00	0	5.83E-03	5.60E-01	2.25E+00	0.01	0.003	0.0002	0.00004
OCPs	Hexachlorobenzene	4.60E+00	1.05E-02	3.35E+01	1.47E+00	1.20E-02	91.04	1.18E-03	8.96	0.00E+00	0	0.00E+00	0	1.32E-02	2.25E-01	2.25E+00	0.06	0.006	0.001	0.0001
PCBs	Calculated Total PCBs (ND=0.5DL)	8.59E-01	1.29E-03	9.71E-01	4.74E-04	2.24E-03	93.94	1.45E-04	6.06	0.00E+00	0	0.00E+00	0	2.39E-03	1.47E+00	3.20E+00	0.002	0.0007	0.00003	0.00001
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.07E-04	1.60E-07	1.21E-04	5.91E-08	2.79E-07	93.94	1.80E-08	6.06	0.00E+00	0	0.00E+00	0	2.97E-07	1.40E-05	1.40E-04	0.02	0.002	0.0004	0.00004
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	5.98E-05	8.97E-08	6.76E-05	3.30E-08	1.56E-07	93.94	1.01E-08	6.06	0.00E+00	0	0.00E+00	0	1.66E-07	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	3.39E-03	13.42	2.19E-02	86.58	0.00E+00	0	0.00E+00	0	2.53E-02	2.48E+00	2.48E+01	0.01	0.001	0.0002	0.00002

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.017) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.60E+02	3.32E+01	5.80E+01	2.41E+01	4.18E-01	10.08	3.73E+00	89.92	0.00E+00	0	0.00E+00	0	4.15E+00	1.30E+01	2.60E+01	0.3	0.2	0.005	0.003
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03	1.21E-06	2.81E-04	1.07E-06	3.76E-06	96.51	1.36E-07	3.49	0.00E+00	0	0.00E+00	0	3.90E-06	1.40E-05	1.40E-04	0.3	0.03	0.005	0.0005
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	8.70E-04	7.31E-07	1.70E-04	6.45E-07	2.27E-06	96.51	8.20E-08	3.49	0.00E+00	0	0.00E+00	0	2.35E-06	NA	NA	NA	NA	NA	NA
Metals	Antimony	4.70E-01	2.92E-03	7.52E-02	3.76E-03	1.23E-03	78.95	3.27E-04	21.05	0.00E+00	0	0.00E+00	0	1.55E-03	NC	NC	NC	NC	NC	NC
Metals	Boron	5.34E+01	8.00E-01	8.54E-01	1.71E+00	1.39E-01	60.78	8.98E-02	39.22	0.00E+00	0	0.00E+00	0	2.29E-01	2.88E+01	1.00E+02	0.008	0.002	0.0001	0.00004
Metals	Lead	1.92E+01	2.09E-01	1.40E+00	1.28E+00	5.01E-02	68.16	2.34E-02	31.84	0.00E+00	0	0.00E+00	0	7.35E-02	1.63E+00	3.26E+00	0.05	0.02	0.0008	0.0004
Metals	Manganese	8.55E+03	1.01E+02	3.42E+01	5.61E+01	2.23E+01	66.24	1.14E+01	33.76	0.00E+00	0	0.00E+00	0	3.37E+01	1.79E+02	3.77E+02	0.2	0.09	0.003	0.002
Metals	Mercury	7.87E-02	4.43E-04	3.15E-03	5.59E-06	2.05E-04	80.52	4.97E-05	19.48	0.00E+00	0	0.00E+00	0	2.55E-04	3.25E-01	3.25E+00	0.0008	0.00008	0.00001	0.000001
Metals	Vanadium	4.27E+01	3.11E-02	2.87E-01	1.68E-01	1.11E-01	96.97	3.49E-03	3.03	0.00E+00	0	0.00E+00	0	1.15E-01	3.44E-01	6.88E-01	0.3	0.2	0.006	0.003
OCPs	4,4'-DDE	1.61E-01	3.08E-03	3.82E-01	1.36E+01	4.20E-04	54.87	3.45E-04	45.13	0.00E+00	0	0.00E+00	0	7.65E-04	2.27E-01	2.27E+00	0.003	0.0003	0.00006	0.000006
OCPs	4,4'-DDT	4.30E-02	1.14E-03	8.70E-02	4.04E-01	1.12E-04	46.72	1.28E-04	53.28	0.00E+00	0	0.00E+00	0	2.40E-04	2.27E-01	2.27E+00	0.001	0.0001	0.00002	0.000002
OCPs	Calculated DDx (ND=0.5DL)	1.89E-01	3.47E-03	3.38E-01	1.63E+00	4.93E-04	55.84	3.89E-04	44.16	0.00E+00	0	0.00E+00	0	8.82E-04	2.27E-01	2.27E+00	0.004	0.0004	0.00007	0.000007
OCPs	beta-BHC	5.96E-02	2.17E-03	2.50E-01	8.70E-01	1.56E-04	38.93	2.44E-04	61.07	0.00E+00	0	0.00E+00	0	4.00E-04	5.60E-01	2.25E+00	0.0007	0.0002	0.00001	0.000003
OCPs	Hexachlorobenzene	1.79E-01	4.10E-04	1.31E+00	5.73E-02	4.67E-04	91.04	4.60E-05	8.96	0.00E+00	0	0.00E+00	0	5.13E-04	2.25E-01	2.25E+00	0.002	0.0002	0.00004	0.000004
PCBs	Calculated Total PCBs (ND=0.5DL)	1.90E-01	2.85E-04	2.15E-01	1.05E-04	4.96E-04	93.94	3.20E-05	6.06	0.00E+00	0	0.00E+00	0	5.28E-04	1.47E+00	3.20E+00	0.0004	0.0002	0.000006	0.000003
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	2.47E-05	3.71E-08	2.79E-05	1.36E-08	6.45E-08	93.94	4.16E-09	6.06	0.00E+00	0	0.00E+00	0	6.86E-08	1.40E-05	1.40E-04	0.005	0.0005	0.00008	0.000008
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	1.37E-05	2.05E-08	1.54E-05	7.53E-09	3.56E-08	93.94	2.30E-09	6.06	0.00E+00	0	0.00E+00	0	3.79E-08	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	1.04E+00	1.57E-01	1.67E-01	3.34E-01	2.72E-03	13.42	1.76E-02	86.58	0.00E+00	0	0.00E+00	0	2.03E-02	2.48E+00	2.48E+01	0.008	0.0008	0.0001	0.00001

TABLE I-1h : Potential Daily Dose and Hazard Quotients for Mourning Dove: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.017) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.00E+02	2.52E+01	3.62E+01	1.51E+01	2.61E-01	8.46	2.83E+00	91.54	0.00E+00	0	0.00E+00	0	3.09E+00	1.30E+01	2.60E+01	0.2	0.1	0.004	0.002
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	9.20E-04	7.73E-07	1.79E-04	6.82E-07	2.40E-06	96.51	8.67E-08	3.49	0.00E+00	0	0.00E+00	0	2.49E-06	1.40E-05	1.40E-04	0.2	0.02	0.003	0.0003
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	4.78E-04	4.01E-07	9.32E-05	3.54E-07	1.25E-06	96.51	4.50E-08	3.49	0.00E+00	0	0.00E+00	0	1.29E-06	NA	NA	NA	NA	NA	NA
Metals	Antimony	4.06E-01	2.54E-03	6.49E-02	3.25E-03	1.06E-03	78.80	2.85E-04	21.20	0.00E+00	0	0.00E+00	0	1.34E-03	NC	NC	NC	NC	NC	NC
Metals	Boron	2.62E+01	3.93E-01	4.19E-01	8.39E-01	6.84E-02	60.78	4.41E-02	39.22	0.00E+00	0	0.00E+00	0	1.12E-01	2.88E+01	1.00E+02	0.004	0.001	0.00007	0.00002
Metals	Lead	1.47E+01	1.79E-01	1.12E+00	1.13E+00	3.82E-02	65.53	2.01E-02	34.47	0.00E+00	0	0.00E+00	0	5.83E-02	1.63E+00	3.26E+00	0.04	0.02	0.0006	0.0003
Metals	Manganese	3.11E+03	3.69E+01	1.72E+01	2.04E+01	8.12E+00	66.24	4.14E+00	33.76	0.00E+00	0	0.00E+00	0	1.23E+01	1.79E+02	3.77E+02	0.07	0.03	0.001	0.0006
Metals	Mercury	5.21E-02	2.93E-04	2.08E-03	3.70E-06	1.36E-04	80.52	3.29E-05	19.48	0.00E+00	0	0.00E+00	0	1.69E-04	3.25E-01	3.25E+00	0.0005	0.00005	0.000009	0.0000009
Metals	Vanadium	4.12E+01	3.00E-02	2.77E-01	1.62E-01	1.07E-01	96.97	3.36E-03	3.03	0.00E+00	0	0.00E+00	0	1.11E-01	3.44E-01	6.88E-01	0.3	0.2	0.005	0.003
OCPs	4,4'-DDE	6.73E-02	1.60E-03	1.77E-01	8.34E+00	1.76E-04	49.49	1.79E-04	50.51	0.00E+00	0	0.00E+00	0	3.55E-04	2.27E-01	2.27E+00	0.002	0.0002	0.00003	0.000003
OCPs	4,4'-DDT	2.17E-02	6.82E-04	4.80E-02	2.63E-01	5.66E-05	42.53	7.65E-05	57.47	0.00E+00	0	0.00E+00	0	1.33E-04	2.27E-01	2.27E+00	0.0006	0.00006	0.00001	0.000001
OCPs	Calculated DDx (ND=0.5DL)	9.35E-02	2.05E-03	1.68E-01	8.10E-01	2.44E-04	51.52	2.30E-04	48.48	0.00E+00	0	0.00E+00	0	4.74E-04	2.27E-01	2.27E+00	0.002	0.0002	0.00004	0.000004
OCPs	beta-BHC	3.84E-02	1.40E-03	1.61E-01	6.32E-01	1.00E-04	38.93	1.57E-04	61.07	0.00E+00	0	0.00E+00	0	2.57E-04	5.60E-01	2.25E+00	0.0005	0.0001	0.000008	0.000002
OCPs	Hexachlorobenzene	1.30E-01	2.98E-04	9.50E-01	4.17E-02	3.40E-04	91.04	3.35E-05	8.96	0.00E+00	0	0.00E+00	0	3.74E-04	2.25E-01	2.25E+00	0.002	0.0002	0.00003	0.000003
PCBs	Calculated Total PCBs (ND=0.5DL)	1.18E-01	1.78E-04	1.34E-01	6.54E-05	3.09E-04	93.94	1.99E-05	6.06	0.00E+00	0	0.00E+00	0	3.29E-04	1.47E+00	3.20E+00	0.0002	0.0001	0.000004	0.000002
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.64E-05	2.46E-08	1.85E-05	9.04E-09	4.27E-08	93.94	2.76E-09	6.06	0.00E+00	0	0.00E+00	0	4.55E-08	1.40E-05	1.40E-04	0.003	0.0003	0.00006	0.000006
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	9.05E-06	1.36E-08	1.02E-05	5.00E-09	2.36E-08	93.94	1.52E-09	6.06	0.00E+00	0	0.00E+00	0	2.51E-08	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	5.09E-01	7.63E-02	8.14E-02	1.63E-01	1.33E-03	13.42	8.56E-03	86.58	0.00E+00	0	0.00E+00	0	9.89E-03	2.48E+00	2.48E+01	0.004	0.0004	0.00007	0.000007

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.30E+01	2.60E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	5.57E-04	78.12	1.56E-04	21.88	0.00E+00	0	0.00E+00	0	7.13E-04	NC	NC	NC	NC	NC	NC
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	1.12E-02	60.784314	7.22E-03	39.215686	0.00E+00	0	0.00E+00	0	1.84E-02	2.88E+01	1.00E+02	0.0006	0.0002	0.0006	0.0002
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	2.41E-02	60.82	1.55E-02	39.18	0.00E+00	0	0.00E+00	0	3.96E-02	1.63E+00	3.26E+00	0.02	0.01	0.02	0.01
Metals	Manganese	4.37E+02	5.18E+00	4.50E+00	2.87E+00	1.14E+00	66.24	5.81E-01	33.76	0.00E+00	0	0.00E+00	0	1.72E+00	1.79E+02	3.77E+02	0.01	0.005	0.01	0.005
Metals	Mercury	2.14E-02	1.21E-04	8.58E-04	1.52E-06	5.59E-05	80.52	1.35E-05	19.48	0.00E+00	0	0.00E+00	0	6.95E-05	3.25E-01	3.25E+00	0.0002	0.00002	0.0002	0.00002
Metals	Vanadium	4.06E+01	2.96E-02	2.73E-01	1.60E-01	1.06E-01	96.97	3.32E-03	3.03	0.00E+00	0	0.00E+00	0	1.09E-01	3.44E-01	6.88E-01	0.3	0.2	0.3	0.2
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	5.60E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Hexachlorobenzene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.25E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated Total PCBs (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E+00	3.20E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
SVOCs	Octachlorostyrene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.48E+00	2.48E+01	No BKG	No BKG	No BKG	No BKG

TABLE I-1h : Potential Daily Dose and Hazard Quotients for Mourning Dove: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-1i: Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+03	2.36E+02	1.62E+03	6.72E+02	3.43E+01	34.28	3.74E+01	37.33	2.85E+01	28.39	0.00E+00	0	1.00E+02	6.40E+00	3.20E+01	20	3	20	3
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.49E-02	3.78E-05	8.76E-03	3.33E-05	3.45E-04	68.30	5.98E-06	1.18	1.54E-04	30.51	0.00E+00	0	5.06E-04	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	3.14E-02	2.64E-05	6.13E-03	2.33E-05	2.42E-04	68.30	4.18E-06	1.18	1.08E-04	30.51	0.00E+00	0	3.54E-04	8.40E-06	3.10E-05	40	10	40	10
Metals	Antimony	2.40E+00	1.34E-02	3.84E-01	1.92E-02	1.84E-02	67.47	2.13E-03	7.80	6.76E-03	24.73	0.00E+00	0	2.73E-02	5.90E-02	5.90E-01	0.5	0.05	0.5	0.05
Metals	Boron	1.51E+03	2.27E+01	2.42E+01	4.83E+01	1.16E+01	74.30	3.59E+00	22.98	4.25E-01	2.72	0.00E+00	0	1.56E+01	2.80E+01	9.36E+01	0.6	0.2	0.6	0.2
Metals	Lead	2.67E+02	9.13E-01	1.17E+01	4.09E+00	2.05E+00	85.41	1.45E-01	6.02	2.06E-01	8.56	0.00E+00	0	2.40E+00	4.70E+00	8.90E+00	0.5	0.3	0.5	0.3
Metals	Manganese	2.50E+05	2.96E+03	3.42E+02	1.64E+03	1.92E+03	80.16	4.69E+02	19.59	6.02E+00	0.25	0.00E+00	0	2.40E+03	5.15E+01	1.46E+02	50	20	50	20
Metals	Mercury	1.80E+00	1.01E-02	7.20E-02	1.28E-04	1.38E-02	82.81	1.60E-03	9.60	1.27E-03	7.59	0.00E+00	0	1.67E-02	1.01E+00	1.01E+01	0.02	0.002	0.02	0.002
Metals	Vanadium	6.76E+01	4.92E-02	4.54E-01	2.66E-01	5.19E-01	97.05	7.79E-03	1.46	8.00E-03	1.49	0.00E+00	0	5.35E-01	4.16E+00	8.31E+00	0.1	0.06	0.1	0.06
OCPs	4,4'-DDE	3.50E+00	3.12E-02	5.74E+00	7.76E+01	2.69E-02	20.24	4.95E-03	3.72	1.01E-01	76.04	0.00E+00	0	1.33E-01	1.47E-01	7.35E-01	0.9	0.2	0.9	0.2
OCPs	4,4'-DDT	7.70E-01	9.99E-03	1.07E+00	2.49E+00	5.92E-03	22.51	1.58E-03	6.02	1.88E-02	71.47	0.00E+00	0	2.63E-02	1.47E-01	7.35E-01	0.2	0.04	0.2	0.04
OCPs	Calculated DDx (ND=0.5DL)	4.30E+00	3.65E-02	7.71E+00	3.72E+01	3.30E-02	18.94	5.78E-03	3.31	1.36E-01	77.75	0.00E+00	0	1.74E-01	1.47E-01	7.35E-01	**1**	0.2	**1**	0.2
OCPs	beta-BHC	8.70E-01	3.17E-02	3.65E+00	6.08E+00	6.68E-03	8.80	5.03E-03	6.61	6.43E-02	84.59	0.00E+00	0	7.60E-02	4.00E-01	2.00E+00	0.2	0.04	0.2	0.04
OCPs	Hexachlorobenzene	4.60E+00	1.05E-02	3.35E+01	1.47E+00	3.53E-02	5.64	1.67E-03	0.27	5.90E-01	94.10	0.00E+00	0	6.27E-01	1.60E+00	1.60E+01	0.4	0.04	0.4	0.04
PCBs	Calculated Total PCBs (ND=0.5DL)	8.59E-01	1.29E-03	9.71E-01	4.74E-04	6.60E-03	27.63	2.04E-04	0.85	1.71E-02	71.52	0.00E+00	0	2.39E-02	2.56E-01	1.27E+00	0.09	0.02	0.09	0.02
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.07E-04	1.60E-07	1.21E-04	5.91E-08	8.22E-07	27.63	2.54E-08	0.85	2.13E-06	71.52	0.00E+00	0	2.98E-06	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	5.98E-05	8.97E-08	6.76E-05	3.30E-08	4.60E-07	27.63	1.42E-08	0.85	1.19E-06	71.52	0.00E+00	0	1.66E-06	8.40E-06	3.10E-05	0.2	0.05	0.2	0.05
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	9.99E-03	22.42	3.09E-02	69.36	3.66E-03	8.22	0.00E+00	0	4.45E-02	2.63E+00	2.63E+01	0.02	0.002	0.02	0.002

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.60E+02	3.32E+01	5.80E+01	2.41E+01	1.23E+00	16.38	5.27E+00	70.05	1.02E+00	13.57	0.00E+00	0	7.52E+00	6.40E+00	3.20E+01	**1**	0.2	**1**	0.2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03	1.21E-06	2.81E-04	1.07E-06	1.11E-05	68.30	1.92E-07	1.18	4.95E-06	30.51	0.00E+00	0	1.62E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	8.70E-04	7.31E-07	1.70E-04	6.45E-07	6.68E-06	68.30	1.16E-07	1.18	2.99E-06	30.51	0.00E+00	0	9.79E-06	8.40E-06	3.10E-05	**1**	0.3	**1**	0.3
Metals	Antimony	4.70E-01	2.92E-03	7.52E-02	3.76E-03	3.61E-03	66.92	4.62E-04	8.55	1.32E-03	24.53	0.00E+00	0	5.40E-03	5.90E-02	5.90E-01	0.09	0.009	0.09	0.009
Metals	Boron	5.34E+01	8.00E-01	8.54E-01	1.71E+00	4.10E-01	74.30	1.27E-01	22.98	1.50E-02	2.72	0.00E+00	0	5.52E-01	2.80E+01	9.36E+01	0.02	0.006	0.02	0.006
Metals	Lead	1.92E+01	2.09E-01	1.40E+00	1.28E+00	1.48E-01	71.91	3.31E-02	16.10	2.46E-02	11.98	0.00E+00	0	2.05E-01	4.70E+00	8.90E+00	0.04	0.02	0.04	0.02
Metals	Manganese	8.55E+03	1.01E+02	3.42E+01	5.61E+01	6.57E+01	79.78	1.61E+01	19.49	6.03E-01	0.73	0.00E+00	0	8.24E+01	5.15E+01	1.46E+02	2	0.6	2	0.6
Metals	Mercury	7.87E-02	4.43E-04	3.15E-03	5.59E-06	6.05E-04	82.81	7.01E-05	9.60	5.54E-05	7.59	0.00E+00	0	7.30E-04	1.01E+00	1.01E+01	0.0007	0.00007	0.0007	0.00007
Metals	Vanadium	4.27E+01	3.11E-02	2.87E-01	1.68E-01	3.28E-01	97.05	4.93E-03	1.46	5.06E-03	1.49	0.00E+00	0	3.38E-01	4.16E+00	8.31E+00	0.08	0.04	0.08	0.04
OCPs	4,4'-DDE	1.61E-01	3.08E-03	3.82E-01	1.36E+01	1.24E-03	14.65	4.88E-04	5.78	6.72E-03	79.57	0.00E+00	0	8.44E-03	1.47E-01	7.35E-01	0.06	0.01	0.06	0.01
OCPs	4,4'-DDT	4.30E-02	1.14E-03	8.70E-02	4.04E-01	3.30E-04	16.18	1.81E-04	8.85	1.53E-03	74.98	0.00E+00	0	2.04E-03	1.47E-01	7.35E-01	0.01	0.003	0.01	0.003
OCPs	Calculated DDx (ND=0.5DL)	1.89E-01	3.47E-03	3.38E-01	1.63E+00	1.45E-03	18.23	5.50E-04	6.91	5.96E-03	74.86	0.00E+00	0	7.96E-03	1.47E-01	7.35E-01	0.05	0.01	0.05	0.01
OCPs	beta-BHC	5.96E-02	2.17E-03	2.50E-01	8.70E-01	4.58E-04	8.80	3.45E-04	6.61	4.41E-03	84.59	0.00E+00	0	5.21E-03	4.00E-01	2.00E+00	0.01	0.003	0.01	0.003
OCPs	Hexachlorobenzene	1.79E-01	4.10E-04	1.31E+00	5.73E-02	1.38E-03	5.64	6.49E-05	0.27	2.30E-02	94.10	0.00E+00	0	2.44E-02	1.60E+00	1.60E+01	0.02	0.002	0.02	0.002
PCBs	Calculated Total PCBs (ND=0.5DL)	1.90E-01	2.85E-04	2.15E-01	1.05E-04	1.46E-03	27.63	4.51E-05	0.85	3.78E-03	71.52	0.00E+00	0	5.28E-03	2.56E-01	1.27E+00	0.02	0.004	0.02	0.004
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	2.47E-05	3.71E-08	2.79E-05	1.36E-08	1.90E-07	27.63	5.87E-09	0.85	4.92E-07	71.52	0.00E+00	0	6.87E-07	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	1.37E-05	2.05E-08	1.54E-05	7.53E-09	1.05E-07	27.63	3.24E-09	0.85	2.71E-07	71.52	0.00E+00	0	3.80E-07	8.40E-06	3.10E-05	0.05	0.01	0.05	0.01
SVOCs	Octachlorostyrene	1.04E+00	1.57E-01	1.67E-01	3.34E-01	8.02E-03	22.42	2.48E-02	69.36	2.94E-03	8.22	0.00E+00	0	3.58E-02	2.63E+00	2.63E+01	0.01	0.001	0.01	0.001

TABLE I-1i: Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.00E+02	2.52E+01	3.62E+01	1.51E+01	7.69E-01	14.25	3.99E+00	73.94	6.37E-01	11.81	0.00E+00	0	5.40E+00	6.40E+00	3.20E+01	0.8	0.2	0.8	0.2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	9.20E-04	7.73E-07	1.79E-04	6.82E-07	7.07E-06	68.30	1.22E-07	1.18	3.16E-06	30.51	0.00E+00	0	1.03E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	4.78E-04	4.01E-07	9.32E-05	3.54E-07	3.67E-06	68.30	6.36E-08	1.18	1.64E-06	30.51	0.00E+00	0	5.37E-06	8.40E-06	3.10E-05	0.6	0.2	0.6	0.2
Metals	Antimony	4.06E-01	2.54E-03	6.49E-02	3.25E-03	3.12E-03	66.87	4.02E-04	8.63	1.14E-03	24.51	0.00E+00	0	4.66E-03	5.90E-02	5.90E-01	0.08	0.008	0.08	0.008
Metals	Boron	2.62E+01	3.93E-01	4.19E-01	8.39E-01	2.01E-01	74.30	6.23E-02	22.98	7.38E-03	2.72	0.00E+00	0	2.71E-01	2.80E+01	9.36E+01	0.01	0.003	0.01	0.003
Metals	Lead	1.47E+01	1.79E-01	1.12E+00	1.13E+00	1.13E-01	70.04	2.84E-02	17.66	1.98E-02	12.30	0.00E+00	0	1.61E-01	4.70E+00	8.90E+00	0.03	0.02	0.03	0.02
Metals	Manganese	3.11E+03	3.69E+01	1.72E+01	2.04E+01	2.39E+01	79.56	5.84E+00	19.44	3.02E-01	1.01	0.00E+00	0	3.01E+01	5.15E+01	1.46E+02	0.6	0.2	0.6	0.2
Metals	Mercury	5.21E-02	2.93E-04	2.08E-03	3.70E-06	4.00E-04	82.81	4.64E-05	9.60	3.67E-05	7.59	0.00E+00	0	4.83E-04	1.01E+00	1.01E+01	0.0005	0.00005	0.0005	0.00005
Metals	Vanadium	4.12E+01	3.00E-02	2.77E-01	1.62E-01	3.17E-01	97.05	4.75E-03	1.46	4.87E-03	1.49	0.00E+00	0	3.26E-01	4.16E+00	8.31E+00	0.08	0.04	0.08	0.04
OCPs	4,4'-DDE	6.73E-02	1.60E-03	1.77E-01	8.34E+00	5.17E-04	13.30	2.53E-04	6.51	3.12E-03	80.18	0.00E+00	0	3.89E-03	1.47E-01	7.35E-01	0.03	0.005	0.03	0.005
OCPs	4,4'-DDT	2.17E-02	6.82E-04	4.80E-02	2.63E-01	1.67E-04	14.89	1.08E-04	9.64	8.45E-04	75.47	0.00E+00	0	1.12E-03	1.47E-01	7.35E-01	0.008	0.002	0.008	0.002
OCPs	Calculated DDx (ND=0.5DL)	9.35E-02	2.05E-03	1.68E-01	8.10E-01	7.19E-04	18.00	3.24E-04	8.12	2.95E-03	73.89	0.00E+00	0	3.99E-03	1.47E-01	7.35E-01	0.03	0.005	0.03	0.005
OCPs	beta-BHC	3.84E-02	1.40E-03	1.61E-01	6.32E-01	2.95E-04	8.80	2.22E-04	6.61	2.84E-03	84.59	0.00E+00	0	3.35E-03	4.00E-01	2.00E+00	0.008	0.002	0.008	0.002
OCPs	Hexachlorobenzene	1.30E-01	2.98E-04	9.50E-01	4.17E-02	1.00E-03	5.64	4.73E-05	0.27	1.67E-02	94.10	0.00E+00	0	1.78E-02	1.60E+00	1.60E+01	0.01	0.001	0.01	0.001
PCBs	Calculated Total PCBs (ND=0.5DL)	1.18E-01	1.78E-04	1.34E-01	6.54E-05	9.10E-04	27.63	2.81E-05	0.85	2.36E-03	71.52	0.00E+00	0	3.29E-03	2.56E-01	1.27E+00	0.01	0.003	0.01	0.003
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.64E-05	2.46E-08	1.85E-05	9.04E-09	1.26E-07	27.63	3.89E-09	0.85	3.26E-07	71.52	0.00E+00	0	4.55E-07	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	9.05E-06	1.36E-08	1.02E-05	5.00E-09	6.95E-08	27.63	2.15E-09	0.85	1.80E-07	71.52	0.00E+00	0	2.52E-07	8.40E-06	3.10E-05	0.03	0.008	0.03	0.008
SVOCs	Octachlorostyrene	5.09E-01	7.63E-02	8.14E-02	1.63E-01	3.91E-03	22.42	1.21E-02	69.36	1.43E-03	8.22	0.00E+00	0	1.74E-02	2.63E+00	2.63E+01	0.007	0.0007	0.007	0.0007

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	1.64E-03	66.63	2.20E-04	8.94	6.01E-04	24.42	0.00E+00	0	2.46E-03	5.90E-02	5.90E-01	0.04	0.004	0.04	0.004
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	3.29E-02	74.30	1.02E-02	22.98	1.21E-03	2.72	0.00E+00	0	4.43E-02	2.80E+01	9.36E+01	0.002	0.0005	0.002	0.0005
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	7.10E-02	66.63	2.19E-02	20.58	1.36E-02	12.79	0.00E+00	0	1.07E-01	4.70E+00	8.90E+00	0.02	0.01	0.02	0.01
Metals	Manganese	4.37E+02	5.18E+00	4.50E+00	2.87E+00	3.36E+00	78.87	8.20E-01	19.27	7.93E-02	1.86	0.00E+00	0	4.26E+00	5.15E+01	1.46E+02	0.08	0.03	0.08	0.03
Metals	Mercury	2.14E-02	1.21E-04	8.58E-04	1.52E-06	1.65E-04	82.81	1.91E-05	9.60	1.51E-05	7.59	0.00E+00	0	1.99E-04	1.01E+00	1.01E+01	0.0002	0.00002	0.0002	0.00002
Metals	Vanadium	4.06E+01	2.96E-02	2.73E-01	1.60E-01	3.12E-01	97.05	4.68E-03	1.46	4.81E-03	1.49	0.00E+00	0	3.22E-01	4.16E+00	8.31E+00	0.08	0.04	0.08	0.04
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Hexachlorobenzene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.60E+00	1.60E+01	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated Total PCBs (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.56E-01	1.27E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
SVOCs	Octachlorostyrene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.63E+00	2.63E+01	No BKG	No BKG	No BKG	No BKG

TABLE I-1i: Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

APPENDIX I-2
ECO DU-1

Table I-2a Potential Daily Dose and Hazard Quotients for Coppers Hawk: Eco DU-1

Table I-2b Potential Daily Dose and Hazard Quotients for Kit Fox: Eco DU-1

Table I-2c Potential Daily Dose and Hazard Quotients for Western Burrowing Owl: Eco DU-1

Table I-2d Potential Daily Dose and Hazard Quotients for American Robin: Eco DU-1

Table I-2e Potential Daily Dose and Hazard Quotients for Desert Shrew: Eco DU-1

Table I-2f Potential Daily Dose and Hazard Quotients for Fringed Myotis: Eco DU-1

Table I-2g Potential Daily Dose and Hazard Quotients for Raccoon: Eco DU-1

Table I-2h Potential Daily Dose and Hazard Quotients for Mourning Dove: Eco DU-1

Table I-2i Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse Eco DU-1

TABLE I-2a: Potential Daily Dose and Hazard Quotients for Coopers Hawk: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.26) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+03	2.36E+02	1.62E+03	6.72E+02	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.11E+02	100	1.11E+02	1.30E+01	2.60E+01	9	4	2	**1**
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.49E-02	3.78E-05	8.76E-03	3.33E-05	0.00E+00	0	0.00E+00	0	0.00E+00	0	5.50E-06	100	5.50E-06	1.40E-05	1.40E-04	0.4	0.04	0.1	0.01
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	3.14E-02	2.64E-05	6.13E-03	2.33E-05	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.84E-06	100	3.84E-06	NA	NA	NA	NA	NA	NA
Metals	Antimony	2.40E+00	1.34E-02	3.84E-01	1.92E-02	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.17E-03	100	3.17E-03	NC	NC	NC	NC	NC	NC
Metals	Boron	1.51E+03	2.27E+01	2.42E+01	4.83E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	7.97E+00	100	7.97E+00	2.88E+01	1.00E+02	0.3	0.08	0.07	0.02
Metals	Lead	2.67E+02	9.13E-01	1.17E+01	4.09E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.74E-01	100	6.74E-01	1.63E+00	3.26E+00	0.4	0.2	0.1	0.05
Metals	Manganese	2.50E+05	2.96E+03	3.42E+02	1.64E+03	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.71E+02	100	2.71E+02	1.79E+02	3.77E+02	2	0.7	0.4	0.2
Metals	Mercury	1.80E+00	1.01E-02	7.20E-02	1.28E-04	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.11E-05	100	2.11E-05	3.25E-01	3.25E+00	0.00006	0.000006	0.00002	0.000002
Metals	Vanadium	6.76E+01	4.92E-02	4.54E-01	2.66E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	4.39E-02	100	4.39E-02	3.44E-01	6.88E-01	0.1	0.06	0.03	0.02
OCPs	4,4'-DDE	3.50E+00	3.12E-02	5.74E+00	7.76E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.28E+01	100	1.28E+01	2.27E-01	2.27E+00	60	6	10	**1**
OCPs	4,4'-DDT	7.70E-01	9.99E-03	1.07E+00	2.49E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	4.11E-01	100	4.11E-01	2.27E-01	2.27E+00	2	0.2	0.5	0.05
OCPs	Calculated DDx (ND=0.5DL)	4.30E+00	3.65E-02	7.71E+00	3.72E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.14E+00	100	6.14E+00	2.27E-01	2.27E+00	30	3	7	0.7
OCPs	beta-BHC	8.70E-01	3.17E-02	3.65E+00	6.08E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.00E+00	100	1.00E+00	5.60E-01	2.25E+00	2	0.4	0.5	0.1
OCPs	Hexachlorobenzene	4.60E+00	1.05E-02	3.35E+01	1.47E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.43E-01	100	2.43E-01	2.25E-01	2.25E+00	**1**	0.1	0.3	0.03
PCBs	Calculated Total PCBs (ND=0.5DL)	8.59E-01	1.29E-03	9.71E-01	4.74E-04	0.00E+00	0	0.00E+00	0	0.00E+00	0	7.82E-05	100	7.82E-05	1.47E+00	3.20E+00	0.00005	0.00002	0.00001	0.000006
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.07E-04	1.60E-07	1.21E-04	5.91E-08	0.00E+00	0	0.00E+00	0	0.00E+00	0	9.75E-09	100	9.75E-09	1.40E-05	1.40E-04	0.0007	0.00007	0.0002	0.00002
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	5.98E-05	8.97E-08	6.76E-05	3.30E-08	0.00E+00	0	0.00E+00	0	0.00E+00	0	5.45E-09	100	5.45E-09	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.86E-02	100	6.86E-02	2.48E+00	2.48E+01	0.03	0.003	0.007	0.0007

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.26) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.57E+02	3.28E+01	5.68E+01	2.36E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.90E+00	100	3.90E+00	1.30E+01	2.60E+01	0.3	0.1	0.08	0.04
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.87E-03	1.57E-06	3.65E-04	1.39E-06	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.29E-07	100	2.29E-07	1.40E-05	1.40E-04	0.02	0.002	0.004	0.0004
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.11E-03	9.32E-07	2.16E-04	8.22E-07	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.36E-07	100	1.36E-07	NA	NA	NA	NA	NA	NA
Metals	Antimony	4.41E-01	2.75E-03	7.06E-02	3.53E-03	0.00E+00	0	0.00E+00	0	0.00E+00	0	5.83E-04	100	5.83E-04	NC	NC	NC	NC	NC	NC
Metals	Boron	6.35E+01	9.53E-01	1.02E+00	2.03E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.35E-01	100	3.35E-01	2.88E+01	1.00E+02	0.01	0.003	0.003	0.0009
Metals	Lead	1.98E+01	2.12E-01	1.43E+00	1.29E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.13E-01	100	2.13E-01	1.63E+00	3.26E+00	0.1	0.07	0.03	0.02
Metals	Manganese	8.69E+03	1.03E+02	3.46E+01	5.70E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	9.41E+00	100	9.41E+00	1.79E+02	3.77E+02	0.05	0.02	0.01	0.006
Metals	Mercury	1.02E-01	5.73E-04	4.08E-03	7.23E-06	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.19E-06	100	1.19E-06	3.25E-01	3.25E+00	0.000004	0.0000004	0.000001	0.0000001
Metals	Vanadium	4.39E+01	3.19E-02	2.95E-01	1.73E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.85E-02	100	2.85E-02	3.44E-01	6.88E-01	0.08	0.04	0.02	0.01
OCPs	4,4'-DDE	1.88E-01	3.45E-03	4.36E-01	1.49E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.45E+00	100	2.45E+00	2.27E-01	2.27E+00	10	**1**	3	0.3
OCPs	4,4'-DDT	4.34E-02	1.15E-03	8.77E-02	4.07E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.71E-02	100	6.71E-02	2.27E-01	2.27E+00	0.3	0.03	0.08	0.008
OCPs	Calculated DDx (ND=0.5DL)	2.33E-01	4.07E-03	4.18E-01	2.02E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.33E-01	100	3.33E-01	2.27E-01	2.27E+00	**1**	0.1	0.4	0.04
OCPs	beta-BHC	7.18E-02	2.62E-03	3.01E-01	9.95E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.64E-01	100	1.64E-01	5.60E-01	2.25E+00	0.3	0.07	0.08	0.02
OCPs	Hexachlorobenzene	2.18E-01	4.99E-04	1.59E+00	6.98E-02	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.15E-02	100	1.15E-02	2.25E-01	2.25E+00	0.05	0.005	0.01	0.001
PCBs	Calculated Total PCBs (ND=0.5DL)	1.95E-01	2.92E-04	2.20E-01	1.07E-04	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.77E-05	100	1.77E-05	1.47E+00	3.20E+00	0.00001	0.000006	0.000003	0.000001
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	2.56E-05	3.84E-08	2.89E-05	1.41E-08	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.33E-09	100	2.33E-09	1.40E-05	1.40E-04	0.0002	0.00002	0.00004	0.000004
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	1.51E-05	2.27E-08	1.71E-05	8.35E-09	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.38E-09	100	1.38E-09	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.86E-02	100	6.86E-02	2.48E+00	2.48E+01	0.03	0.003	0.007	0.0007

TABLE I-2a: Potential Daily Dose and Hazard Quotients for Coopers Hawk: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.26) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	7.79E+01	2.17E+01	2.82E+01	1.17E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.93E+00	100	1.93E+00	1.30E+01	2.60E+01	0.1	0.07	0.04	0.02
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.11E-03	9.30E-07	2.16E-04	8.20E-07	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.35E-07	100	1.35E-07	1.40E-05	1.40E-04	0.01	0.001	0.003	0.0003
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	5.76E-04	4.84E-07	1.12E-04	4.27E-07	0.00E+00	0	0.00E+00	0	0.00E+00	0	7.05E-08	100	7.05E-08	NA	NA	NA	NA	NA	NA
Metals	Antimony	3.64E-01	2.29E-03	5.82E-02	2.91E-03	0.00E+00	0	0.00E+00	0	0.00E+00	0	4.80E-04	100	4.80E-04	NC	NC	NC	NC	NC	NC
Metals	Boron	2.88E+01	4.32E-01	4.61E-01	9.22E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.52E-01	100	1.52E-01	2.88E+01	1.00E+02	0.005	0.002	0.001	0.0004
Metals	Lead	1.47E+01	1.79E-01	1.12E+00	1.13E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.87E-01	100	1.87E-01	1.63E+00	3.26E+00	0.1	0.06	0.03	0.01
Metals	Manganese	3.62E+03	4.29E+01	1.91E+01	2.38E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.92E+00	100	3.92E+00	1.79E+02	3.77E+02	0.02	0.01	0.006	0.003
Metals	Mercury	5.87E-02	3.30E-04	2.35E-03	4.17E-06	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.88E-07	100	6.88E-07	3.25E-01	3.25E+00	0.000002	0.0000002	0.0000006	0.00000006
Metals	Vanadium	4.20E+01	3.05E-02	2.82E-01	1.65E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.72E-02	100	2.72E-02	3.44E-01	6.88E-01	0.08	0.04	0.02	0.01
OCPs	4,4'-DDE	7.23E-02	1.69E-03	1.89E-01	8.69E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.43E+00	100	1.43E+00	2.27E-01	2.27E+00	6	0.6	2	0.2
OCPs	4,4'-DDT	1.81E-02	5.96E-04	4.11E-02	2.35E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.87E-02	100	3.87E-02	2.27E-01	2.27E+00	0.2	0.02	0.04	0.004
OCPs	Calculated DDx (ND=0.5DL)	9.52E-02	2.07E-03	1.71E-01	8.24E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.36E-01	100	1.36E-01	2.27E-01	2.27E+00	0.6	0.06	0.2	0.02
OCPs	beta-BHC	4.42E-02	1.61E-03	1.85E-01	7.00E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.16E-01	100	1.16E-01	5.60E-01	2.25E+00	0.2	0.05	0.05	0.01
OCPs	Hexachlorobenzene	1.49E-01	3.40E-04	1.08E+00	4.76E-02	0.00E+00	0	0.00E+00	0	0.00E+00	0	7.85E-03	100	7.85E-03	2.25E-01	2.25E+00	0.03	0.003	0.009	0.0009
PCBs	Calculated Total PCBs (ND=0.5DL)	1.25E-01	1.87E-04	1.41E-01	6.89E-05	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.14E-05	100	1.14E-05	1.47E+00	3.20E+00	0.000008	0.000004	0.000002	0.0000009
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.73E-05	2.59E-08	1.95E-05	9.54E-09	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.57E-09	100	1.57E-09	1.40E-05	1.40E-04	0.0001	0.00001	0.00003	0.000003
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	9.55E-06	1.43E-08	1.08E-05	5.27E-09	0.00E+00	0	0.00E+00	0	0.00E+00	0	8.70E-10	100	8.70E-10	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	6.60E-01	9.90E-02	1.06E-01	2.11E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.49E-02	100	3.49E-02	2.48E+00	2.48E+01	0.01	0.001	0.004	0.0004

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.30E+01	2.60E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.82E-04	100	2.82E-04	NC	NC	NC	NC	NC	NC
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.26E-02	100	2.26E-02	2.88E+01	1.00E+02	0.0008	0.0002	0.0008	0.0002
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.52E-01	100	1.52E-01	1.63E+00	3.26E+00	0.09	0.05	0.09	0.05
Metals	Manganese	4.37E+02	5.18E+00	4.50E+00	2.87E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	4.73E-01	100	4.73E-01	1.79E+02	3.77E+02	0.003	0.001	0.003	0.001
Metals	Mercury	2.14E-02	1.21E-04	8.58E-04	1.52E-06	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.51E-07	100	2.51E-07	3.25E-01	3.25E+00	0.0000008	0.00000008	0.0000008	0.00000008
Metals	Vanadium	4.06E+01	2.96E-02	2.73E-01	1.60E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.64E-02	100	2.64E-02	3.44E-01	6.88E-01	0.08	0.04	0.08	0.04
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	5.60E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Hexachlorobenzene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.25E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated Total PCBs (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E+00	3.20E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
SVOCs	Octachlorostyrene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.48E+00	2.48E+01	No BKG	No BKG	No BKG	No BKG

TABLE I-2a: Potential Daily Dose and Hazard Quotients for Coopers Hawk: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NA = Not applicable
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-2b: Potential Daily Dose and Hazard Quotients for Kit Fox: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.048) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+03	2.36E+02	1.62E+03	6.72E+02	3.70E+00	5.29	0.00E+00	0	0.00E+00	0	6.61E+01	94.71	6.98E+01	6.40E+00	3.20E+01	10	2	0.5	0.1
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.49E-02	3.78E-05	8.76E-03	3.33E-05	3.72E-05	91.90	0.00E+00	0	0.00E+00	0	3.27E-06	8.10	4.04E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	3.14E-02	2.64E-05	6.13E-03	2.33E-05	2.60E-05	91.90	0.00E+00	0	0.00E+00	0	2.29E-06	8.10	2.83E-05	8.40E-06	3.10E-05	3	0.9	0.2	0.04
Metals	Antimony	2.40E+00	1.34E-02	3.84E-01	1.92E-02	1.98E-03	51.24	0.00E+00	0	0.00E+00	0	1.89E-03	48.76	3.87E-03	5.90E-02	5.90E-01	0.07	0.007	0.003	0.0003
Metals	Boron	1.51E+03	2.27E+01	2.42E+01	4.83E+01	1.25E+00	20.81	0.00E+00	0	0.00E+00	0	4.75E+00	79.19	6.00E+00	2.80E+01	9.36E+01	0.2	0.06	0.01	0.003
Metals	Lead	2.67E+02	9.13E-01	1.17E+01	4.09E+00	2.21E-01	35.47	0.00E+00	0	0.00E+00	0	4.02E-01	64.53	6.22E-01	4.70E+00	8.90E+00	0.1	0.07	0.006	0.003
Metals	Manganese	2.50E+05	2.96E+03	3.42E+02	1.64E+03	2.07E+02	56.17	0.00E+00	0	0.00E+00	0	1.61E+02	43.83	3.68E+02	5.15E+01	1.46E+02	7	3	0.3	0.1
Metals	Mercury	1.80E+00	1.01E-02	7.20E-02	1.28E-04	1.49E-03	99.16	0.00E+00	0	0.00E+00	0	1.26E-05	0.84	1.50E-03	1.01E+00	1.01E+01	0.001	0.0001	0.00007	0.000007
Metals	Vanadium	6.76E+01	4.92E-02	4.54E-01	2.66E-01	5.59E-02	68.12	0.00E+00	0	0.00E+00	0	2.62E-02	31.88	8.20E-02	4.16E+00	8.31E+00	0.02	0.01	0.0009	0.0005
OCPs	4,4'-DDE	3.50E+00	3.12E-02	5.74E+00	7.76E+01	2.89E-03	0.04	0.00E+00	0	0.00E+00	0	7.63E+00	99.96	7.63E+00	1.47E-01	7.35E-01	50	10	2	0.5
OCPs	4,4'-DDT	7.70E-01	9.99E-03	1.07E+00	2.49E+00	6.37E-04	0.26	0.00E+00	0	0.00E+00	0	2.45E-01	99.74	2.46E-01	1.47E-01	7.35E-01	2	0.3	0.08	0.02
OCPs	Calculated DDx (ND=0.5DL)	4.30E+00	3.65E-02	7.71E+00	3.72E+01	3.56E-03	0.10	0.00E+00	0	0.00E+00	0	3.66E+00	99.90	3.66E+00	1.47E-01	7.35E-01	20	5	**1**	0.2
OCPs	beta-BHC	8.70E-01	3.17E-02	3.65E+00	6.08E+00	7.19E-04	0.12	0.00E+00	0	0.00E+00	0	5.98E-01	99.88	5.99E-01	4.00E-01	2.00E+00	**1**	0.3	0.07	0.01
OCPs	Hexachlorobenzene	4.60E+00	1.05E-02	3.35E+01	1.47E+00	3.80E-03	2.56	0.00E+00	0	0.00E+00	0	1.45E-01	97.44	1.49E-01	1.60E+00	1.60E+01	0.09	0.009	0.004	0.0004
PCBs	Calculated Total PCBs (ND=0.5DL)	8.59E-01	1.29E-03	9.71E-01	4.74E-04	7.10E-04	93.84	0.00E+00	0	0.00E+00	0	4.66E-05	6.16	7.57E-04	2.56E-01	1.27E+00	0.003	0.0006	0.0001	0.00003
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.07E-04	1.60E-07	1.21E-04	5.91E-08	8.84E-08	93.84	0.00E+00	0	0.00E+00	0	5.81E-09	6.16	9.43E-08	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	5.98E-05	8.97E-08	6.76E-05	3.30E-08	4.95E-08	93.84	0.00E+00	0	0.00E+00	0	3.25E-09	6.16	5.27E-08	8.40E-06	3.10E-05	0.006	0.002	0.0003	0.00008
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	1.07E-03	2.56	0.00E+00	0	0.00E+00	0	4.09E-02	97.44	4.20E-02	2.63E+00	2.63E+01	0.02	0.002	0.0008	0.00008

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.048) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.57E+02	3.28E+01	5.68E+01	2.36E+01	1.30E-01	5.29	0.00E+00	0	0.00E+00	0	2.32E+00	94.71	2.45E+00	6.40E+00	3.20E+01	0.4	0.08	0.02	0.004
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.87E-03	1.57E-06	3.65E-04	1.39E-06	1.55E-06	91.90	0.00E+00	0	0.00E+00	0	1.36E-07	8.10	1.68E-06	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.11E-03	9.32E-07	2.16E-04	8.22E-07	9.17E-07	91.90	0.00E+00	0	0.00E+00	0	8.08E-08	8.10	9.98E-07	8.40E-06	3.10E-05	0.1	0.03	0.006	0.002
Metals	Antimony	4.41E-01	2.75E-03	7.06E-02	3.53E-03	3.65E-04	51.24	0.00E+00	0	0.00E+00	0	3.47E-04	48.76	7.12E-04	5.90E-02	5.90E-01	0.01	0.001	0.0006	0.00006
Metals	Boron	6.35E+01	9.53E-01	1.02E+00	2.03E+00	5.25E-02	20.81	0.00E+00	0	0.00E+00	0	2.00E-01	79.19	2.52E-01	2.80E+01	9.36E+01	0.009	0.003	0.0004	0.0001
Metals	Lead	1.98E+01	2.12E-01	1.43E+00	1.29E+00	1.64E-02	11.41	0.00E+00	0	0.00E+00	0	1.27E-01	88.59	1.44E-01	4.70E+00	8.90E+00	0.03	0.02	0.001	0.0008
Metals	Manganese	8.69E+03	1.03E+02	3.46E+01	5.70E+01	7.19E+00	56.17	0.00E+00	0	0.00E+00	0	5.61E+00	43.83	1.28E+01	5.15E+01	1.46E+02	0.2	0.09	0.01	0.004
Metals	Mercury	1.02E-01	5.73E-04	4.08E-03	7.23E-06	8.42E-05	99.16	0.00E+00	0	0.00E+00	0	7.11E-07	0.84	8.49E-05	1.01E+00	1.01E+01	0.00008	0.000008	0.000004	0.0000004
Metals	Vanadium	4.39E+01	3.19E-02	2.95E-01	1.73E-01	3.63E-02	68.12	0.00E+00	0	0.00E+00	0	1.70E-02	31.88	5.32E-02	4.16E+00	8.31E+00	0.01	0.006	0.0006	0.0003
OCPs	4,4'-DDE	1.88E-01	3.45E-03	4.36E-01	1.49E+01	1.55E-04	0.01	0.00E+00	0	0.00E+00	0	1.46E+00	99.99	1.46E+00	1.47E-01	7.35E-01	10	2	0.5	0.1
OCPs	4,4'-DDT	4.34E-02	1.15E-03	8.77E-02	4.07E-01	3.59E-05	0.09	0.00E+00	0	0.00E+00	0	4.00E-02	99.91	4.00E-02	1.47E-01	7.35E-01	0.3	0.05	0.01	0.003
OCPs	Calculated DDx (ND=0.5DL)	2.33E-01	4.07E-03	4.18E-01	2.02E+00	1.93E-04	0.10	0.00E+00	0	0.00E+00	0	1.99E-01	99.90	1.99E-01	1.47E-01	7.35E-01	**1**	0.3	0.06	0.01
OCPs	beta-BHC	7.18E-02	2.62E-03	3.01E-01	9.95E-01	5.93E-05	0.06	0.00E+00	0	0.00E+00	0	9.79E-02	99.94	9.79E-02	4.00E-01	2.00E+00	0.2	0.05	0.01	0.002
OCPs	Hexachlorobenzene	2.18E-01	4.99E-04	1.59E+00	6.98E-02	1.80E-04	2.56	0.00E+00	0	0.00E+00	0	6.86E-03	97.44	7.04E-03	1.60E+00	1.60E+01	0.004	0.0004	0.0002	0.00002
PCBs	Calculated Total PCBs (ND=0.5DL)	1.95E-01	2.92E-04	2.20E-01	1.07E-04	1.61E-04	93.84	0.00E+00	0	0.00E+00	0	1.06E-05	6.16	1.71E-04	2.56E-01	1.27E+00	0.0007	0.0001	0.00003	0.000006
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	2.56E-05	3.84E-08	2.89E-05	1.41E-08	2.12E-08	93.84	0.00E+00	0	0.00E+00	0	1.39E-09	6.16	2.26E-08	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	1.51E-05	2.27E-08	1.71E-05	8.35E-09	1.25E-08	93.84	0.00E+00	0	0.00E+00	0	8.21E-10	6.16	1.33E-08	8.40E-06	3.10E-05	0.002	0.0004	0.00008	0.00002
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	1.07E-03	2.56	0.00E+00	0	0.00E+00	0	4.09E-02	97.44	4.20E-02	2.63E+00	2.63E+01	0.02	0.002	0.0008	0.00008

TABLE I-2b: Potential Daily Dose and Hazard Quotients for Kit Fox: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.048) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	7.79E+01	2.17E+01	2.82E+01	1.17E+01	6.44E-02	5.29	0.00E+00	0	0.00E+00	0	1.15E+00	94.71	1.22E+00	6.40E+00	3.20E+01	0.2	0.04	0.009	0.002
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.11E-03	9.30E-07	2.16E-04	8.20E-07	9.15E-07	91.90	0.00E+00	0	0.00E+00	0	8.06E-08	8.10	9.96E-07	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	5.76E-04	4.84E-07	1.12E-04	4.27E-07	4.77E-07	91.90	0.00E+00	0	0.00E+00	0	4.20E-08	8.10	5.19E-07	8.40E-06	3.10E-05	0.06	0.02	0.003	0.0008
Metals	Antimony	3.64E-01	2.29E-03	5.82E-02	2.91E-03	3.01E-04	51.24	0.00E+00	0	0.00E+00	0	2.86E-04	48.76	5.87E-04	5.90E-02	5.90E-01	0.01	0.001	0.0005	0.00005
Metals	Boron	2.88E+01	4.32E-01	4.61E-01	9.22E-01	2.38E-02	20.81	0.00E+00	0	0.00E+00	0	9.06E-02	79.19	1.14E-01	2.80E+01	9.36E+01	0.004	0.001	0.0002	0.00006
Metals	Lead	1.47E+01	1.79E-01	1.12E+00	1.13E+00	1.21E-02	9.82	0.00E+00	0	0.00E+00	0	1.11E-01	90.18	1.23E-01	4.70E+00	8.90E+00	0.03	0.01	0.001	0.0007
Metals	Manganese	3.62E+03	4.29E+01	1.91E+01	2.38E+01	3.00E+00	56.17	0.00E+00	0	0.00E+00	0	2.34E+00	43.83	5.33E+00	5.15E+01	1.46E+02	0.1	0.04	0.005	0.002
Metals	Mercury	5.87E-02	3.30E-04	2.35E-03	4.17E-06	4.85E-05	99.16	0.00E+00	0	0.00E+00	0	4.10E-07	0.84	4.89E-05	1.01E+00	1.01E+01	0.00005	0.000005	0.000002	0.0000002
Metals	Vanadium	4.20E+01	3.05E-02	2.82E-01	1.65E-01	3.47E-02	68.12	0.00E+00	0	0.00E+00	0	1.62E-02	31.88	5.09E-02	4.16E+00	8.31E+00	0.01	0.006	0.0006	0.0003
OCPs	4,4'-DDE	7.23E-02	1.69E-03	1.89E-01	8.69E+00	5.98E-05	0.01	0.00E+00	0	0.00E+00	0	8.54E-01	99.99	8.54E-01	1.47E-01	7.35E-01	6	**1**	0.3	0.06
OCPs	4,4'-DDT	1.81E-02	5.96E-04	4.11E-02	2.35E-01	1.50E-05	0.06	0.00E+00	0	0.00E+00	0	2.31E-02	99.94	2.31E-02	1.47E-01	7.35E-01	0.2	0.03	0.008	0.002
OCPs	Calculated DDx (ND=0.5DL)	9.52E-02	2.07E-03	1.71E-01	8.24E-01	7.87E-05	0.10	0.00E+00	0	0.00E+00	0	8.10E-02	99.90	8.11E-02	1.47E-01	7.35E-01	0.6	0.1	0.03	0.005
OCPs	beta-BHC	4.42E-02	1.61E-03	1.85E-01	7.00E-01	3.65E-05	0.05	0.00E+00	0	0.00E+00	0	6.88E-02	99.95	6.89E-02	4.00E-01	2.00E+00	0.2	0.03	0.008	0.002
OCPs	Hexachlorobenzene	1.49E-01	3.40E-04	1.08E+00	4.76E-02	1.23E-04	2.56	0.00E+00	0	0.00E+00	0	4.68E-03	97.44	4.80E-03	1.60E+00	1.60E+01	0.003	0.0003	0.0001	0.00001
PCBs	Calculated Total PCBs (ND=0.5DL)	1.25E-01	1.87E-04	1.41E-01	6.89E-05	1.03E-04	93.84	0.00E+00	0	0.00E+00	0	6.77E-06	6.16	1.10E-04	2.56E-01	1.27E+00	0.0004	0.00009	0.00002	0.000004
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.73E-05	2.59E-08	1.95E-05	9.54E-09	1.43E-08	93.84	0.00E+00	0	0.00E+00	0	9.38E-10	6.16	1.52E-08	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	9.55E-06	1.43E-08	1.08E-05	5.27E-09	7.90E-09	93.84	0.00E+00	0	0.00E+00	0	5.18E-10	6.16	8.41E-09	8.40E-06	3.10E-05	0.001	0.0003	0.00005	0.00001
SVOCs	Octachlorostyrene	6.60E-01	9.90E-02	1.06E-01	2.11E-01	5.46E-04	2.56	0.00E+00	0	0.00E+00	0	2.08E-02	97.44	2.13E-02	2.63E+00	2.63E+01	0.008	0.0008	0.0004	0.00004

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	1.76E-04	51.24	0.00E+00	0	0.00E+00	0	1.68E-04	48.76	3.44E-04	5.90E-02	5.90E-01	0.006	0.0006	0.006	0.0006
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	3.54E-03	20.81	0.00E+00	0	0.00E+00	0	1.35E-02	79.19	1.70E-02	2.80E+01	9.36E+01	0.0006	0.0002	0.0006	0.0002
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	7.64E-03	7.76	0.00E+00	0	0.00E+00	0	9.07E-02	92.24	9.84E-02	4.70E+00	8.90E+00	0.02	0.01	0.02	0.01
Metals	Manganese	4.37E+02	5.18E+00	4.50E+00	2.87E+00	3.61E-01	56.17	0.00E+00	0	0.00E+00	0	2.82E-01	43.83	6.43E-01	5.15E+01	1.46E+02	0.01	0.004	0.01	0.004
Metals	Mercury	2.14E-02	1.21E-04	8.58E-04	1.52E-06	1.77E-05	99.16	0.00E+00	0	0.00E+00	0	1.50E-07	0.84	1.79E-05	1.01E+00	1.01E+01	0.00002	0.000002	0.00002	0.000002
Metals	Vanadium	4.06E+01	2.96E-02	2.73E-01	1.60E-01	3.36E-02	68.12	0.00E+00	0	0.00E+00	0	1.57E-02	31.88	4.93E-02	4.16E+00	8.31E+00	0.01	0.006	0.01	0.006
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Hexachlorobenzene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.60E+00	1.60E+01	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated Total PCBs (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.56E-01	1.27E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
SVOCs	Octachlorostyrene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.63E+00	2.63E+01	No BKG	No BKG	No BKG	No BKG

TABLE I-2b: Potential Daily Dose and Hazard Quotients for Kit Fox: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NA = Not applicable
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-2c: Potential Daily Dose and Hazard Quotients for Western Burrowing Owl: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.48) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+03	2.36E+02	1.62E+03	6.72E+02	1.93E+01	4.64	0.00E+00	0	3.48E+02	83.75	4.83E+01	11.61	4.16E+02	1.30E+01	2.60E+01	30	20	20	8
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.49E-02	3.78E-05	8.76E-03	3.33E-05	1.94E-04	9.30	0.00E+00	0	1.89E-03	90.59	2.39E-06	0.11	2.09E-03	1.40E-05	1.40E-04	100	10	70	7
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	3.14E-02	2.64E-05	6.13E-03	2.33E-05	1.36E-04	9.30	0.00E+00	0	1.32E-03	90.59	1.67E-06	0.11	1.46E-03	NA	NA	NA	NA	NA	NA
Metals	Antimony	2.40E+00	1.34E-02	3.84E-01	1.92E-02	1.04E-02	10.96	0.00E+00	0	8.28E-02	87.58	1.38E-03	1.46	9.45E-02	NC	NC	NC	NC	NC	NC
Metals	Boron	1.51E+03	2.27E+01	2.42E+01	4.83E+01	6.52E+00	42.88	0.00E+00	0	5.21E+00	34.27	3.47E+00	22.85	1.52E+01	2.88E+01	1.00E+02	0.5	0.2	0.3	0.07
Metals	Lead	2.67E+02	9.13E-01	1.17E+01	4.09E+00	1.15E+00	29.06	0.00E+00	0	2.52E+00	63.53	2.93E-01	7.40	3.96E+00	1.63E+00	3.26E+00	2	**1**	**1**	0.6
Metals	Manganese	2.50E+05	2.96E+03	3.42E+02	1.64E+03	1.08E+03	84.92	0.00E+00	0	7.37E+01	5.80	1.18E+02	9.28	1.27E+03	1.79E+02	3.77E+02	7	3	3	2
Metals	Mercury	1.80E+00	1.01E-02	7.20E-02	1.28E-04	7.77E-03	33.34	0.00E+00	0	1.55E-02	66.62	9.18E-06	0.04	2.33E-02	3.25E-01	3.25E+00	0.07	0.007	0.03	0.003
Metals	Vanadium	6.76E+01	4.92E-02	4.54E-01	2.66E-01	2.92E-01	71.37	0.00E+00	0	9.79E-02	23.96	1.91E-02	4.68	4.09E-01	3.44E-01	6.88E-01	**1**	0.6	0.6	0.3
OCPs	4,4'-DDE	3.50E+00	3.12E-02	5.74E+00	7.76E+01	1.51E-02	0.22	0.00E+00	0	1.24E+00	18.13	5.57E+00	81.65	6.82E+00	2.27E-01	2.27E+00	30	3	10	**1**
OCPs	4,4'-DDT	7.70E-01	9.99E-03	1.07E+00	2.49E+00	3.32E-03	0.81	0.00E+00	0	2.30E-01	55.78	1.79E-01	43.42	4.12E-01	2.27E-01	2.27E+00	2	0.2	0.9	0.09
OCPs	Calculated DDx (ND=0.5DL)	4.30E+00	3.65E-02	7.71E+00	3.72E+01	1.86E-02	0.43	0.00E+00	0	1.66E+00	38.15	2.67E+00	61.42	4.35E+00	2.27E-01	2.27E+00	20	2	9	0.9
OCPs	beta-BHC	8.70E-01	3.17E-02	3.65E+00	6.08E+00	3.75E-03	0.31	0.00E+00	0	7.87E-01	64.10	4.37E-01	35.59	1.23E+00	5.60E-01	2.25E+00	2	0.5	**1**	0.3
OCPs	Hexachlorobenzene	4.60E+00	1.05E-02	3.35E+01	1.47E+00	1.98E-02	0.27	0.00E+00	0	7.22E+00	98.29	1.06E-01	1.44	7.35E+00	2.25E-01	2.25E+00	30	3	20	2
PCBs	Calculated Total PCBs (ND=0.5DL)	8.59E-01	1.29E-03	9.71E-01	4.74E-04	3.71E-03	1.74	0.00E+00	0	2.09E-01	98.24	3.41E-05	0.02	2.13E-01	1.47E+00	3.20E+00	0.1	0.07	0.07	0.03
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.07E-04	1.60E-07	1.21E-04	5.91E-08	4.62E-07	1.74	0.00E+00	0	2.61E-05	98.24	4.24E-09	0.02	2.65E-05	1.40E-05	1.40E-04	2	0.2	0.9	0.09
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	5.98E-05	8.97E-08	6.76E-05	3.30E-08	2.58E-07	1.74	0.00E+00	0	1.46E-05	98.24	2.37E-09	0.02	1.48E-05	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	5.61E-03	6.98	0.00E+00	0	4.48E-02	55.81	2.99E-02	37.21	8.03E-02	2.48E+00	2.48E+01	0.03	0.003	0.02	0.002

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.48) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.57E+02	3.28E+01	5.68E+01	2.36E+01	6.77E-01	4.64	0.00E+00	0	1.22E+01	83.75	1.70E+00	11.61	1.46E+01	1.30E+01	2.60E+01	**1**	0.6	0.5	0.3
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.87E-03	1.57E-06	3.65E-04	1.39E-06	8.07E-06	9.30	0.00E+00	0	7.86E-05	90.59	9.96E-08	0.11	8.68E-05	1.40E-05	1.40E-04	6	0.6	3	0.3
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.11E-03	9.32E-07	2.16E-04	8.22E-07	4.79E-06	9.30	0.00E+00	0	4.66E-05	90.59	5.90E-08	0.11	5.15E-05	NA	NA	NA	NA	NA	NA
Metals	Antimony	4.41E-01	2.75E-03	7.06E-02	3.53E-03	1.90E-03	10.96	0.00E+00	0	1.52E-02	87.58	2.54E-04	1.46	1.74E-02	NC	NC	NC	NC	NC	NC
Metals	Boron	6.35E+01	9.53E-01	1.02E+00	2.03E+00	2.74E-01	42.88	0.00E+00	0	2.19E-01	34.27	1.46E-01	22.85	6.39E-01	2.88E+01	1.00E+02	0.02	0.006	0.01	0.003
Metals	Lead	1.98E+01	2.12E-01	1.43E+00	1.29E+00	8.55E-02	17.55	0.00E+00	0	3.09E-01	63.38	9.29E-02	19.07	4.87E-01	1.63E+00	3.26E+00	0.3	0.1	0.1	0.07
Metals	Manganese	8.69E+03	1.03E+02	3.46E+01	5.70E+01	3.75E+01	76.44	0.00E+00	0	7.46E+00	15.21	4.10E+00	8.35	4.91E+01	1.79E+02	3.77E+02	0.3	0.1	0.1	0.06
Metals	Mercury	1.02E-01	5.73E-04	4.08E-03	7.23E-06	4.40E-04	33.34	0.00E+00	0	8.78E-04	66.62	5.20E-07	0.04	1.32E-03	3.25E-01	3.25E+00	0.004	0.0004	0.002	0.0002
Metals	Vanadium	4.39E+01	3.19E-02	2.95E-01	1.73E-01	1.89E-01	71.37	0.00E+00	0	6.35E-02	23.96	1.24E-02	4.68	2.65E-01	3.44E-01	6.88E-01	0.8	0.4	0.4	0.2
OCPs	4,4'-DDE	1.88E-01	3.45E-03	4.36E-01	1.49E+01	8.09E-04	0.07	0.00E+00	0	9.41E-02	8.08	1.07E+00	91.85	1.16E+00	2.27E-01	2.27E+00	5	0.5	2	0.2
OCPs	4,4'-DDT	4.34E-02	1.15E-03	8.77E-02	4.07E-01	1.87E-04	0.39	0.00E+00	0	1.89E-02	39.12	2.92E-02	60.49	4.83E-02	2.27E-01	2.27E+00	0.2	0.02	0.1	0.01
OCPs	Calculated DDx (ND=0.5DL)	2.33E-01	4.07E-03	4.18E-01	2.02E+00	1.01E-03	0.43	0.00E+00	0	9.01E-02	38.15	1.45E-01	61.42	2.36E-01	2.27E-01	2.27E+00	**1**	0.1	0.5	0.05
OCPs	beta-BHC	7.18E-02	2.62E-03	3.01E-01	9.95E-01	3.10E-04	0.23	0.00E+00	0	6.49E-02	47.47	7.15E-02	52.30	1.37E-01	5.60E-01	2.25E+00	0.2	0.06	0.1	0.03
OCPs	Hexachlorobenzene	2.18E-01	4.99E-04	1.59E+00	6.98E-02	9.41E-04	0.27	0.00E+00	0	3.42E-01	98.29	5.01E-03	1.44	3.48E-01	2.25E-01	2.25E+00	2	0.2	0.7	0.07
PCBs	Calculated Total PCBs (ND=0.5DL)	1.95E-01	2.92E-04	2.20E-01	1.07E-04	8.39E-04	1.74	0.00E+00	0	4.74E-02	98.24	7.71E-06	0.02	4.82E-02	1.47E+00	3.20E+00	0.03	0.02	0.02	0.007
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	2.56E-05	3.84E-08	2.89E-05	1.41E-08	1.11E-07	1.74	0.00E+00	0	6.24E-06	98.24	1.02E-09	0.02	6.35E-06	1.40E-05	1.40E-04	0.5	0.05	0.2	0.02
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	1.51E-05	2.27E-08	1.71E-05	8.35E-09	6.52E-08	1.74	0.00E+00	0	3.68E-06	98.24	6.00E-10	0.02	3.75E-06	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	5.61E-03	6.98	0.00E+00	0	4.48E-02	55.81	2.99E-02	37.21	8.03E-02	2.48E+00	2.48E+01	0.03	0.003	0.02	0.002

TABLE I-2c: Potential Daily Dose and Hazard Quotients for Western Burrowing Owl: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.48) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	7.79E+01	2.17E+01	2.82E+01	1.17E+01	3.36E-01	4.64	0.00E+00	0	6.07E+00	83.75	8.42E-01	11.61	7.25E+00	1.30E+01	2.60E+01	0.6	0.3	0.3	0.1
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.11E-03	9.30E-07	2.16E-04	8.20E-07	4.78E-06	9.30	0.00E+00	0	4.65E-05	90.59	5.89E-08	0.11	5.14E-05	1.40E-05	1.40E-04	4	0.4	2	0.2
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	5.76E-04	4.84E-07	1.12E-04	4.27E-07	2.49E-06	9.30	0.00E+00	0	2.42E-05	90.59	3.07E-08	0.11	2.67E-05	NA	NA	NA	NA	NA	NA
Metals	Antimony	3.64E-01	2.29E-03	5.82E-02	2.91E-03	1.57E-03	10.96	0.00E+00	0	1.25E-02	87.58	2.09E-04	1.46	1.43E-02	NC	NC	NC	NC	NC	NC
Metals	Boron	2.88E+01	4.32E-01	4.61E-01	9.22E-01	1.24E-01	42.88	0.00E+00	0	9.93E-02	34.27	6.62E-02	22.85	2.90E-01	2.88E+01	1.00E+02	0.01	0.003	0.005	0.001
Metals	Lead	1.47E+01	1.79E-01	1.12E+00	1.13E+00	6.33E-02	16.36	0.00E+00	0	2.42E-01	62.61	8.14E-02	21.03	3.87E-01	1.63E+00	3.26E+00	0.2	0.1	0.1	0.06
Metals	Manganese	3.62E+03	4.29E+01	1.91E+01	2.38E+01	1.56E+01	72.89	0.00E+00	0	4.11E+00	19.15	1.71E+00	7.96	2.14E+01	1.79E+02	3.77E+02	0.1	0.06	0.06	0.03
Metals	Mercury	5.87E-02	3.30E-04	2.35E-03	4.17E-06	2.53E-04	33.34	0.00E+00	0	5.06E-04	66.62	2.99E-07	0.04	7.60E-04	3.25E-01	3.25E+00	0.002	0.0002	0.001	0.0001
Metals	Vanadium	4.20E+01	3.05E-02	2.82E-01	1.65E-01	1.81E-01	71.37	0.00E+00	0	6.08E-02	23.96	1.19E-02	4.68	2.54E-01	3.44E-01	6.88E-01	0.7	0.4	0.4	0.2
OCPs	4,4'-DDE	7.23E-02	1.69E-03	1.89E-01	8.69E+00	3.12E-04	0.05	0.00E+00	0	4.07E-02	6.11	6.24E-01	93.84	6.65E-01	2.27E-01	2.27E+00	3	0.3	**1**	0.1
OCPs	4,4'-DDT	1.81E-02	5.96E-04	4.11E-02	2.35E-01	7.83E-05	0.30	0.00E+00	0	8.86E-03	34.34	1.69E-02	65.36	2.58E-02	2.27E-01	2.27E+00	0.1	0.01	0.05	0.005
OCPs	Calculated DDx (ND=0.5DL)	9.52E-02	2.07E-03	1.71E-01	8.24E-01	4.11E-04	0.43	0.00E+00	0	3.68E-02	38.15	5.92E-02	61.42	9.63E-02	2.27E-01	2.27E+00	0.4	0.04	0.2	0.02
OCPs	beta-BHC	4.42E-02	1.61E-03	1.85E-01	7.00E-01	1.91E-04	0.21	0.00E+00	0	4.00E-02	44.18	5.03E-02	55.61	9.05E-02	5.60E-01	2.25E+00	0.2	0.04	0.08	0.02
OCPs	Hexachlorobenzene	1.49E-01	3.40E-04	1.08E+00	4.76E-02	6.42E-04	0.27	0.00E+00	0	2.34E-01	98.29	3.42E-03	1.44	2.38E-01	2.25E-01	2.25E+00	**1**	0.1	0.5	0.05
PCBs	Calculated Total PCBs (ND=0.5DL)	1.25E-01	1.87E-04	1.41E-01	6.89E-05	5.39E-04	1.74	0.00E+00	0	3.04E-02	98.24	4.95E-06	0.02	3.09E-02	1.47E+00	3.20E+00	0.02	0.01	0.01	0.005
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.73E-05	2.59E-08	1.95E-05	9.54E-09	7.46E-08	1.74	0.00E+00	0	4.21E-06	98.24	6.85E-10	0.02	4.28E-06	1.40E-05	1.40E-04	0.3	0.03	0.1	0.01
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	9.55E-06	1.43E-08	1.08E-05	5.27E-09	4.12E-08	1.74	0.00E+00	0	2.33E-06	98.24	3.79E-10	0.02	2.37E-06	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	6.60E-01	9.90E-02	1.06E-01	2.11E-01	2.85E-03	6.98	0.00E+00	0	2.28E-02	55.81	1.52E-02	37.21	4.08E-02	2.48E+00	2.48E+01	0.02	0.002	0.008	0.0008

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.30E+01	2.60E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	9.21E-04	10.96	0.00E+00	0	7.36E-03	87.58	1.23E-04	1.46	8.41E-03	NC	NC	NC	NC	NC	NC
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	1.85E-02	42.88	0.00E+00	0	1.48E-02	34.27	9.86E-03	22.85	4.31E-02	2.88E+01	1.00E+02	0.001	0.0004	0.001	0.0004
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	3.99E-02	14.60	0.00E+00	0	1.67E-01	61.10	6.63E-02	24.29	2.73E-01	1.63E+00	3.26E+00	0.2	0.08	0.2	0.08
Metals	Manganese	4.37E+02	5.18E+00	4.50E+00	2.87E+00	1.89E+00	61.58	0.00E+00	0	9.71E-01	31.70	2.06E-01	6.73	3.06E+00	1.79E+02	3.77E+02	0.02	0.008	0.02	0.008
Metals	Mercury	2.14E-02	1.21E-04	8.58E-04	1.52E-06	9.25E-05	33.34	0.00E+00	0	1.85E-04	66.62	1.09E-07	0.04	2.77E-04	3.25E-01	3.25E+00	0.0009	0.00009	0.0009	0.00009
Metals	Vanadium	4.06E+01	2.96E-02	2.73E-01	1.60E-01	1.75E-01	71.37	0.00E+00	0	5.88E-02	23.96	1.15E-02	4.68	2.46E-01	3.44E-01	6.88E-01	0.7	0.4	0.7	0.4
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	5.60E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Hexachlorobenzene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.25E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated Total PCBs (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E+00	3.20E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
SVOCs	Octachlorostyrene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.48E+00	2.48E+01	No BKG	No BKG	No BKG	No BKG

TABLE I-2c: Potential Daily Dose and Hazard Quotients for Western Burrowing Owl: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-2d: Potential Daily Dose and Hazard Quotients for American Robin: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+03	2.36E+02	1.62E+03	6.72E+02	2.69E+01	2.36	1.42E+02	12.45	9.74E+02	85.20	0.00E+00	0	1.14E+03	1.30E+01	2.60E+01	90	40	90	40
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.49E-02	3.78E-05	8.76E-03	3.33E-05	2.71E-04	4.86	2.27E-05	0.41	5.28E-03	94.74	0.00E+00	0	5.57E-03	1.40E-05	1.40E-04	400	40	400	40
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	3.14E-02	2.64E-05	6.13E-03	2.33E-05	1.89E-04	4.86	1.59E-05	0.41	3.69E-03	94.74	0.00E+00	0	3.90E-03	NA	NA	NA	NA	NA	NA
Metals	Antimony	2.40E+00	1.34E-02	3.84E-01	1.92E-02	1.45E-02	5.69	8.10E-03	3.19	2.31E-01	91.12	0.00E+00	0	2.54E-01	NC	NC	NC	NC	NC	NC
Metals	Boron	1.51E+03	2.27E+01	2.42E+01	4.83E+01	9.10E+00	24.38	1.36E+01	36.59	1.46E+01	39.03	0.00E+00	0	3.73E+01	2.88E+01	1.00E+02	**1**	0.4	**1**	0.4
Metals	Lead	2.67E+02	9.13E-01	1.17E+01	4.09E+00	1.61E+00	17.48	5.50E-01	5.98	7.04E+00	76.54	0.00E+00	0	9.20E+00	1.63E+00	3.26E+00	6	3	6	3
Metals	Manganese	2.50E+05	2.96E+03	3.42E+02	1.64E+03	1.51E+03	43.06	1.78E+03	51.04	2.06E+02	5.89	0.00E+00	0	3.50E+03	1.79E+02	3.77E+02	20	9	20	9
Metals	Mercury	1.80E+00	1.01E-02	7.20E-02	1.28E-04	1.08E-02	17.97	6.10E-03	10.11	4.34E-02	71.91	0.00E+00	0	6.03E-02	3.25E-01	3.25E+00	0.2	0.02	0.2	0.02
Metals	Vanadium	6.76E+01	4.92E-02	4.54E-01	2.66E-01	4.07E-01	57.31	2.96E-02	4.17	2.74E-01	38.52	0.00E+00	0	7.10E-01	3.44E-01	6.88E-01	2	**1**	2	**1**
OCPs	4,4'-DDE	3.50E+00	3.12E-02	5.74E+00	7.76E+01	2.11E-02	0.60	1.88E-02	0.54	3.46E+00	98.86	0.00E+00	0	3.50E+00	2.27E-01	2.27E+00	20	2	20	2
OCPs	4,4'-DDT	7.70E-01	9.99E-03	1.07E+00	2.49E+00	4.64E-03	0.71	6.02E-03	0.92	6.43E-01	98.37	0.00E+00	0	6.54E-01	2.27E-01	2.27E+00	3	0.3	3	0.3
OCPs	Calculated DDx (ND=0.5DL)	4.30E+00	3.65E-02	7.71E+00	3.72E+01	2.59E-02	0.55	2.20E-02	0.47	4.64E+00	98.98	0.00E+00	0	4.69E+00	2.27E-01	2.27E+00	20	2	20	2
OCPs	beta-BHC	8.70E-01	3.17E-02	3.65E+00	6.08E+00	5.24E-03	0.24	1.91E-02	0.86	2.20E+00	98.91	0.00E+00	0	2.22E+00	5.60E-01	2.25E+00	4	**1**	4	**1**
OCPs	Hexachlorobenzene	4.60E+00	1.05E-02	3.35E+01	1.47E+00	2.77E-02	0.14	6.34E-03	0.03	2.02E+01	99.83	0.00E+00	0	2.02E+01	2.25E-01	2.25E+00	90	9	90	9
PCBs	Calculated Total PCBs (ND=0.5DL)	8.59E-01	1.29E-03	9.71E-01	4.74E-04	5.17E-03	0.88	7.76E-04	0.13	5.85E-01	98.99	0.00E+00	0	5.91E-01	1.47E+00	3.20E+00	0.4	0.2	0.4	0.2
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.07E-04	1.60E-07	1.21E-04	5.91E-08	6.44E-07	0.88	9.67E-08	0.13	7.28E-05	98.99	0.00E+00	0	7.36E-05	1.40E-05	1.40E-04	5	0.5	5	0.5
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	5.98E-05	8.97E-08	6.76E-05	3.30E-08	3.60E-07	0.88	5.41E-08	0.13	4.07E-05	98.99	0.00E+00	0	4.11E-05	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	7.83E-03	3.12	1.17E-01	46.88	1.25E-01	50.00	0.00E+00	0	2.51E-01	2.48E+00	2.48E+01	0.1	0.01	0.1	0.01

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.57E+02	3.28E+01	5.68E+01	2.36E+01	9.46E-01	1.72	1.98E+01	36.01	3.42E+01	62.27	0.00E+00	0	5.49E+01	1.30E+01	2.60E+01	4	2	4	2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.87E-03	1.57E-06	3.65E-04	1.39E-06	1.13E-05	4.86	9.47E-07	0.41	2.20E-04	94.74	0.00E+00	0	2.32E-04	1.40E-05	1.40E-04	20	2	20	2
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.11E-03	9.32E-07	2.16E-04	8.22E-07	6.68E-06	4.86	5.61E-07	0.41	1.30E-04	94.74	0.00E+00	0	1.38E-04	NA	NA	NA	NA	NA	NA
Metals	Antimony	4.41E-01	2.75E-03	7.06E-02	3.53E-03	2.66E-03	5.67	1.66E-03	3.53	4.26E-02	90.80	0.00E+00	0	4.69E-02	NC	NC	NC	NC	NC	NC
Metals	Boron	6.35E+01	9.53E-01	1.02E+00	2.03E+00	3.83E-01	24.38	5.74E-01	36.59	6.12E-01	39.03	0.00E+00	0	1.57E+00	2.88E+01	1.00E+02	0.05	0.02	0.05	0.02
Metals	Lead	1.98E+01	2.12E-01	1.43E+00	1.29E+00	1.19E-01	10.75	1.28E-01	11.52	8.63E-01	77.73	0.00E+00	0	1.11E+00	1.63E+00	3.26E+00	0.7	0.3	0.7	0.3
Metals	Manganese	8.69E+03	1.03E+02	3.46E+01	5.70E+01	5.24E+01	38.70	6.21E+01	45.88	2.09E+01	15.42	0.00E+00	0	1.35E+02	1.79E+02	3.77E+02	0.8	0.4	0.8	0.4
Metals	Mercury	1.02E-01	5.73E-04	4.08E-03	7.23E-06	6.14E-04	17.97	3.45E-04	10.11	2.46E-03	71.91	0.00E+00	0	3.41E-03	3.25E-01	3.25E+00	0.01	0.001	0.01	0.001
Metals	Vanadium	4.39E+01	3.19E-02	2.95E-01	1.73E-01	2.64E-01	57.31	1.92E-02	4.17	1.78E-01	38.52	0.00E+00	0	4.61E-01	3.44E-01	6.88E-01	**1**	0.7	**1**	0.7
OCPs	4,4'-DDE	1.88E-01	3.45E-03	4.36E-01	1.49E+01	1.13E-03	0.42	2.08E-03	0.78	2.63E-01	98.79	0.00E+00	0	2.66E-01	2.27E-01	2.27E+00	**1**	0.1	**1**	0.1
OCPs	4,4'-DDT	4.34E-02	1.15E-03	8.77E-02	4.07E-01	2.61E-04	0.49	6.92E-04	1.29	5.28E-02	98.23	0.00E+00	0	5.38E-02	2.27E-01	2.27E+00	0.2	0.02	0.2	0.02
OCPs	Calculated DDx (ND=0.5DL)	2.33E-01	4.07E-03	4.18E-01	2.02E+00	1.41E-03	0.55	2.45E-03	0.96	2.52E-01	98.49	0.00E+00	0	2.56E-01	2.27E-01	2.27E+00	**1**	0.1	**1**	0.1
OCPs	beta-BHC	7.18E-02	2.62E-03	3.01E-01	9.95E-01	4.32E-04	0.24	1.58E-03	0.86	1.81E-01	98.91	0.00E+00	0	1.83E-01	5.60E-01	2.25E+00	0.3	0.08	0.3	0.08
OCPs	Hexachlorobenzene	2.18E-01	4.99E-04	1.59E+00	6.98E-02	1.31E-03	0.14	3.01E-04	0.03	9.57E-01	99.83	0.00E+00	0	9.59E-01	2.25E-01	2.25E+00	4	0.4	4	0.4
PCBs	Calculated Total PCBs (ND=0.5DL)	1.95E-01	2.92E-04	2.20E-01	1.07E-04	1.17E-03	0.88	1.76E-04	0.13	1.32E-01	98.99	0.00E+00	0	1.34E-01	1.47E+00	3.20E+00	0.09	0.04	0.09	0.04
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	2.56E-05	3.84E-08	2.89E-05	1.41E-08	1.54E-07	0.88	2.31E-08	0.13	1.74E-05	98.99	0.00E+00	0	1.76E-05	1.40E-05	1.40E-04	**1**	0.1	**1**	0.1
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	1.51E-05	2.27E-08	1.71E-05	8.35E-09	9.11E-08	0.88	1.37E-08	0.13	1.03E-05	98.99	0.00E+00	0	1.04E-05	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	7.83E-03	3.12	1.17E-01	46.88	1.25E-01	50.00	0.00E+00	0	2.51E-01	2.48E+00	2.48E+01	0.1	0.01	0.1	0.01

TABLE I-2d: Potential Daily Dose and Hazard Quotients for American Robin: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	7.79E+01	2.17E+01	2.82E+01	1.17E+01	4.69E-01	1.54	1.31E+01	42.88	1.70E+01	55.58	0.00E+00	0	3.05E+01	1.30E+01	2.60E+01	2	**1**	2	**1**
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.11E-03	9.30E-07	2.16E-04	8.20E-07	6.67E-06	4.86	5.60E-07	0.41	1.30E-04	94.74	0.00E+00	0	1.37E-04	1.40E-05	1.40E-04	10	**1**	10	**1**
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	5.76E-04	4.84E-07	1.12E-04	4.27E-07	3.47E-06	4.86	2.92E-07	0.41	6.77E-05	94.74	0.00E+00	0	7.15E-05	NA	NA	NA	NA	NA	NA
Metals	Antimony	3.64E-01	2.29E-03	5.82E-02	2.91E-03	2.19E-03	5.67	1.38E-03	3.57	3.51E-02	90.76	0.00E+00	0	3.86E-02	NC	NC	NC	NC	NC	NC
Metals	Boron	2.88E+01	4.32E-01	4.61E-01	9.22E-01	1.74E-01	24.38	2.60E-01	36.59	2.78E-01	39.03	0.00E+00	0	7.12E-01	2.88E+01	1.00E+02	0.02	0.007	0.02	0.007
Metals	Lead	1.47E+01	1.79E-01	1.12E+00	1.13E+00	8.84E-02	10.11	1.08E-01	12.37	6.77E-01	77.52	0.00E+00	0	8.74E-01	1.63E+00	3.26E+00	0.5	0.3	0.5	0.3
Metals	Manganese	3.62E+03	4.29E+01	1.91E+01	2.38E+01	2.18E+01	36.88	2.59E+01	43.72	1.15E+01	19.40	0.00E+00	0	5.92E+01	1.79E+02	3.77E+02	0.3	0.2	0.3	0.2
Metals	Mercury	5.87E-02	3.30E-04	2.35E-03	4.17E-06	3.54E-04	17.97	1.99E-04	10.11	1.41E-03	71.91	0.00E+00	0	1.97E-03	3.25E-01	3.25E+00	0.006	0.0006	0.006	0.0006
Metals	Vanadium	4.20E+01	3.05E-02	2.82E-01	1.65E-01	2.53E-01	57.31	1.84E-02	4.17	1.70E-01	38.52	0.00E+00	0	4.41E-01	3.44E-01	6.88E-01	**1**	0.6	**1**	0.6
OCPs	4,4'-DDE	7.23E-02	1.69E-03	1.89E-01	8.69E+00	4.36E-04	0.38	1.02E-03	0.88	1.14E-01	98.74	0.00E+00	0	1.15E-01	2.27E-01	2.27E+00	0.5	0.05	0.5	0.05
OCPs	4,4'-DDT	1.81E-02	5.96E-04	4.11E-02	2.35E-01	1.09E-04	0.43	3.59E-04	1.42	2.48E-02	98.14	0.00E+00	0	2.52E-02	2.27E-01	2.27E+00	0.1	0.01	0.1	0.01
OCPs	Calculated DDx (ND=0.5DL)	9.52E-02	2.07E-03	1.71E-01	8.24E-01	5.73E-04	0.55	1.25E-03	1.19	1.03E-01	98.26	0.00E+00	0	1.05E-01	2.27E-01	2.27E+00	0.5	0.05	0.5	0.05
OCPs	beta-BHC	4.42E-02	1.61E-03	1.85E-01	7.00E-01	2.66E-04	0.24	9.71E-04	0.86	1.12E-01	98.91	0.00E+00	0	1.13E-01	5.60E-01	2.25E+00	0.2	0.05	0.2	0.05
OCPs	Hexachlorobenzene	1.49E-01	3.40E-04	1.08E+00	4.76E-02	8.96E-04	0.14	2.05E-04	0.03	6.53E-01	99.83	0.00E+00	0	6.54E-01	2.25E-01	2.25E+00	3	0.3	3	0.3
PCBs	Calculated Total PCBs (ND=0.5DL)	1.25E-01	1.87E-04	1.41E-01	6.89E-05	7.52E-04	0.88	1.13E-04	0.13	8.50E-02	98.99	0.00E+00	0	8.58E-02	1.47E+00	3.20E+00	0.06	0.03	0.06	0.03
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.73E-05	2.59E-08	1.95E-05	9.54E-09	1.04E-07	0.88	1.56E-08	0.13	1.18E-05	98.99	0.00E+00	0	1.19E-05	1.40E-05	1.40E-04	0.8	0.08	0.8	0.08
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	9.55E-06	1.43E-08	1.08E-05	5.27E-09	5.75E-08	0.88	8.63E-09	0.13	6.50E-06	98.99	0.00E+00	0	6.57E-06	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	6.60E-01	9.90E-02	1.06E-01	2.11E-01	3.98E-03	3.12	5.97E-02	46.88	6.36E-02	50.00	0.00E+00	0	1.27E-01	2.48E+00	2.48E+01	0.05	0.005	0.05	0.005

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.30E+01	2.60E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	1.29E-03	5.66	8.37E-04	3.69	2.06E-02	90.65	0.00E+00	0	2.27E-02	NC	NC	NC	NC	NC	NC
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	2.58E-02	24.38	3.88E-02	36.59	4.13E-02	39.03	0.00E+00	0	1.06E-01	2.88E+01	1.00E+02	0.004	0.001	0.004	0.001
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	5.56E-02	9.19	8.34E-02	13.77	4.66E-01	77.03	0.00E+00	0	6.05E-01	1.63E+00	3.26E+00	0.4	0.2	0.4	0.2
Metals	Manganese	4.37E+02	5.18E+00	4.50E+00	2.87E+00	2.63E+00	31.09	3.12E+00	36.85	2.71E+00	32.05	0.00E+00	0	8.47E+00	1.79E+02	3.77E+02	0.05	0.02	0.05	0.02
Metals	Mercury	2.14E-02	1.21E-04	8.58E-04	1.52E-06	1.29E-04	17.97	7.27E-05	10.11	5.17E-04	71.91	0.00E+00	0	7.19E-04	3.25E-01	3.25E+00	0.002	0.0002	0.002	0.0002
Metals	Vanadium	4.06E+01	2.96E-02	2.73E-01	1.60E-01	2.45E-01	57.31	1.78E-02	4.17	1.65E-01	38.52	0.00E+00	0	4.27E-01	3.44E-01	6.88E-01	**1**	0.6	**1**	0.6
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	5.60E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Hexachlorobenzene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.25E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated Total PCBs (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E+00	3.20E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
SVOCs	Octachlorostyrene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.48E+00	2.48E+01	No BKG	No BKG	No BKG	No BKG

TABLE I-2d: Potential Daily Dose and Hazard Quotients for American Robin: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-2e: Potential Daily Dose and Hazard Quotients for Desert Shrew: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+03	2.36E+02	1.62E+03	6.72E+02	1.00E+02	10.01	0.00E+00	0	8.83E+02	88.06	1.93E+01	1.928	1.00E+03	6.40E+00	3.20E+01	200	30	200	30
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.49E-02	3.78E-05	8.76E-03	3.33E-05	1.01E-03	17.40	0.00E+00	0	4.79E-03	82.58	9.58E-07	0.017	5.80E-03	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	3.14E-02	2.64E-05	6.13E-03	2.33E-05	7.06E-04	17.40	0.00E+00	0	3.35E-03	82.58	6.70E-07	0.017	4.06E-03	8.40E-06	3.10E-05	500	100	500	100
Metals	Antimony	2.40E+00	1.34E-02	3.84E-01	1.92E-02	5.39E-02	20.39	0.00E+00	0	2.10E-01	79.40	5.52E-04	0.21	2.64E-01	5.90E-02	5.90E-01	4	0.4	4	0.4
Metals	Boron	1.51E+03	2.27E+01	2.42E+01	4.83E+01	3.39E+01	69.91	0.00E+00	0	1.32E+01	27.22	1.39E+00	2.87	4.85E+01	2.80E+01	9.36E+01	2	0.5	2	0.5
Metals	Lead	2.67E+02	9.13E-01	1.17E+01	4.09E+00	5.99E+00	47.97	0.00E+00	0	6.38E+00	51.09	1.17E-01	0.94	1.25E+01	4.70E+00	8.90E+00	3	**1**	3	**1**
Metals	Manganese	2.50E+05	2.96E+03	3.42E+02	1.64E+03	5.61E+03	96.00	0.00E+00	0	1.87E+02	3.20	4.72E+01	0.81	5.85E+03	5.15E+01	1.46E+02	100	40	100	40
Metals	Mercury	1.80E+00	1.01E-02	7.20E-02	1.28E-04	4.04E-02	50.67	0.00E+00	0	3.93E-02	49.32	3.67E-06	0.00	7.97E-02	1.01E+00	1.01E+01	0.08	0.008	0.08	0.008
Metals	Vanadium	6.76E+01	4.92E-02	4.54E-01	2.66E-01	1.52E+00	85.57	0.00E+00	0	2.48E-01	13.99	7.65E-03	0.43	1.77E+00	4.16E+00	8.31E+00	0.4	0.2	0.4	0.2
OCPs	4,4'-DDE	3.50E+00	3.12E-02	5.74E+00	7.76E+01	7.86E-02	1.44	0.00E+00	0	3.14E+00	57.59	2.23E+00	40.96	5.44E+00	1.47E-01	7.35E-01	40	7	40	7
OCPs	4,4'-DDT	7.70E-01	9.99E-03	1.07E+00	2.49E+00	1.73E-02	2.57	0.00E+00	0	5.83E-01	86.76	7.16E-02	10.66	6.72E-01	1.47E-01	7.35E-01	5	0.9	5	0.9
OCPs	Calculated DDx (ND=0.5DL)	4.30E+00	3.65E-02	7.71E+00	3.72E+01	9.65E-02	1.80	0.00E+00	0	4.21E+00	78.30	1.07E+00	19.90	5.38E+00	1.47E-01	7.35E-01	40	7	40	7
OCPs	beta-BHC	8.70E-01	3.17E-02	3.65E+00	6.08E+00	1.95E-02	0.89	0.00E+00	0	1.99E+00	91.12	1.75E-01	7.99	2.19E+00	4.00E-01	2.00E+00	5	**1**	5	**1**
OCPs	Hexachlorobenzene	4.60E+00	1.05E-02	3.35E+01	1.47E+00	1.03E-01	0.56	0.00E+00	0	1.83E+01	99.21	4.23E-02	0.23	1.85E+01	1.60E+00	1.60E+01	10	**1**	10	**1**
PCBs	Calculated Total PCBs (ND=0.5DL)	8.59E-01	1.29E-03	9.71E-01	4.74E-04	1.93E-02	3.51	0.00E+00	0	5.30E-01	96.49	1.36E-05	0.002	5.50E-01	2.56E-01	1.27E+00	2	0.4	2	0.4
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.07E-04	1.60E-07	1.21E-04	5.91E-08	2.40E-06	3.51	0.00E+00	0	6.60E-05	96.49	1.70E-09	0.002	6.84E-05	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	5.98E-05	8.97E-08	6.76E-05	3.30E-08	1.34E-06	3.51	0.00E+00	0	3.69E-05	96.49	9.49E-10	0.002	3.83E-05	8.40E-06	3.10E-05	5	**1**	5	**1**
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	2.92E-02	18.86	0.00E+00	0	1.14E-01	73.42	1.20E-02	7.73	1.55E-01	2.63E+00	2.63E+01	0.06	0.006	0.06	0.006

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.57E+02	3.28E+01	5.68E+01	2.36E+01	3.52E+00	10.01	0.00E+00	0	3.10E+01	88.06	6.79E-01	1.928	3.52E+01	6.40E+00	3.20E+01	6	**1**	6	**1**
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.87E-03	1.57E-06	3.65E-04	1.39E-06	4.20E-05	17.40	0.00E+00	0	1.99E-04	82.58	3.99E-08	0.017	2.41E-04	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.11E-03	9.32E-07	2.16E-04	8.22E-07	2.49E-05	17.40	0.00E+00	0	1.18E-04	82.58	2.36E-08	0.017	1.43E-04	8.40E-06	3.10E-05	20	5	20	5
Metals	Antimony	4.41E-01	2.75E-03	7.06E-02	3.53E-03	9.91E-03	20.39	0.00E+00	0	3.86E-02	79.40	1.02E-04	0.21	4.86E-02	5.90E-02	5.90E-01	0.8	0.08	0.8	0.08
Metals	Boron	6.35E+01	9.53E-01	1.02E+00	2.03E+00	1.43E+00	69.91	0.00E+00	0	5.55E-01	27.22	5.84E-02	2.87	2.04E+00	2.80E+01	9.36E+01	0.07	0.02	0.07	0.02
Metals	Lead	1.98E+01	2.12E-01	1.43E+00	1.29E+00	4.45E-01	35.17	0.00E+00	0	7.82E-01	61.89	3.72E-02	2.94	1.26E+00	4.70E+00	8.90E+00	0.3	0.1	0.3	0.1
Metals	Manganese	8.69E+03	1.03E+02	3.46E+01	5.70E+01	1.95E+02	90.47	0.00E+00	0	1.89E+01	8.77	1.64E+00	0.76	2.16E+02	5.15E+01	1.46E+02	4	**1**	4	**1**
Metals	Mercury	1.02E-01	5.73E-04	4.08E-03	7.23E-06	2.29E-03	50.67	0.00E+00	0	2.23E-03	49.32	2.08E-07	0.00	4.51E-03	1.01E+00	1.01E+01	0.004	0.0004	0.004	0.0004
Metals	Vanadium	4.39E+01	3.19E-02	2.95E-01	1.73E-01	9.85E-01	85.57	0.00E+00	0	1.61E-01	13.99	4.96E-03	0.43	1.15E+00	4.16E+00	8.31E+00	0.3	0.1	0.3	0.1
OCPs	4,4'-DDE	1.88E-01	3.45E-03	4.36E-01	1.49E+01	4.21E-03	0.63	0.00E+00	0	2.38E-01	35.57	4.28E-01	63.80	6.70E-01	1.47E-01	7.35E-01	5	0.9	5	0.9
OCPs	4,4'-DDT	4.34E-02	1.15E-03	8.77E-02	4.07E-01	9.74E-04	1.61	0.00E+00	0	4.79E-02	79.09	1.17E-02	19.31	6.05E-02	1.47E-01	7.35E-01	0.4	0.08	0.4	0.08
OCPs	Calculated DDx (ND=0.5DL)	2.33E-01	4.07E-03	4.18E-01	2.02E+00	5.24E-03	1.80	0.00E+00	0	2.28E-01	78.30	5.81E-02	19.90	2.92E-01	1.47E-01	7.35E-01	2	0.4	2	0.4
OCPs	beta-BHC	7.18E-02	2.62E-03	3.01E-01	9.95E-01	1.61E-03	0.83	0.00E+00	0	1.65E-01	84.48	2.86E-02	14.69	1.95E-01	4.00E-01	2.00E+00	0.5	0.1	0.5	0.1
OCPs	Hexachlorobenzene	2.18E-01	4.99E-04	1.59E+00	6.98E-02	4.89E-03	0.56	0.00E+00	0	8.68E-01	99.21	2.01E-03	0.23	8.75E-01	1.60E+00	1.60E+01	0.5	0.05	0.5	0.05
PCBs	Calculated Total PCBs (ND=0.5DL)	1.95E-01	2.92E-04	2.20E-01	1.07E-04	4.37E-03	3.51	0.00E+00	0	1.20E-01	96.49	3.09E-06	0.002	1.24E-01	2.56E-01	1.27E+00	0.5	0.1	0.5	0.1
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	2.56E-05	3.84E-08	2.89E-05	1.41E-08	5.75E-07	3.51	0.00E+00	0	1.58E-05	96.49	4.06E-10	0.002	1.64E-05	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	1.51E-05	2.27E-08	1.71E-05	8.35E-09	3.39E-07	3.51	0.00E+00	0	9.33E-06	96.49	2.40E-10	0.002	9.67E-06	8.40E-06	3.10E-05	**1**	0.3	**1**	0.3
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	2.92E-02	18.86	0.00E+00	0	1.14E-01	73.42	1.20E-02	7.73	1.55E-01	2.63E+00	2.63E+01	0.06	0.006	0.06	0.006

TABLE I-2e: Potential Daily Dose and Hazard Quotients for Desert Shrew: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	7.79E+01	2.17E+01	2.82E+01	1.17E+01	1.75E+00	10.01	0.00E+00	0	1.54E+01	88.06	3.37E-01	1.928	1.75E+01	6.40E+00	3.20E+01	3	0.5	3	0.5
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.11E-03	9.30E-07	2.16E-04	8.20E-07	2.48E-05	17.40	0.00E+00	0	1.18E-04	82.58	2.36E-08	0.017	1.43E-04	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	5.76E-04	4.84E-07	1.12E-04	4.27E-07	1.29E-05	17.40	0.00E+00	0	6.14E-05	82.58	1.23E-08	0.017	7.44E-05	8.40E-06	3.10E-05	9	2	9	2
Metals	Antimony	3.64E-01	2.29E-03	5.82E-02	2.91E-03	8.16E-03	20.39	0.00E+00	0	3.18E-02	79.40	8.37E-05	0.21	4.00E-02	5.90E-02	5.90E-01	0.7	0.07	0.7	0.07
Metals	Boron	2.88E+01	4.32E-01	4.61E-01	9.22E-01	6.47E-01	69.91	0.00E+00	0	2.52E-01	27.22	2.65E-02	2.87	9.25E-01	2.80E+01	9.36E+01	0.03	0.01	0.03	0.01
Metals	Lead	1.47E+01	1.79E-01	1.12E+00	1.13E+00	3.29E-01	33.75	0.00E+00	0	6.14E-01	62.92	3.26E-02	3.34	9.76E-01	4.70E+00	8.90E+00	0.2	0.1	0.2	0.1
Metals	Manganese	3.62E+03	4.29E+01	1.91E+01	2.38E+01	8.13E+01	88.00	0.00E+00	0	1.04E+01	11.26	6.83E-01	0.74	9.24E+01	5.15E+01	1.46E+02	2	0.6	2	0.6
Metals	Mercury	5.87E-02	3.30E-04	2.35E-03	4.17E-06	1.32E-03	50.67	0.00E+00	0	1.28E-03	49.32	1.20E-07	0.00	2.60E-03	1.01E+00	1.01E+01	0.003	0.0003	0.003	0.0003
Metals	Vanadium	4.20E+01	3.05E-02	2.82E-01	1.65E-01	9.42E-01	85.57	0.00E+00	0	1.54E-01	13.99	4.75E-03	0.43	1.10E+00	4.16E+00	8.31E+00	0.3	0.1	0.3	0.1
OCPs	4,4'-DDE	7.23E-02	1.69E-03	1.89E-01	8.69E+00	1.62E-03	0.46	0.00E+00	0	1.03E-01	29.07	2.50E-01	70.47	3.54E-01	1.47E-01	7.35E-01	2	0.5	2	0.5
OCPs	4,4'-DDT	1.81E-02	5.96E-04	4.11E-02	2.35E-01	4.07E-04	1.38	0.00E+00	0	2.25E-02	75.83	6.75E-03	22.79	2.96E-02	1.47E-01	7.35E-01	0.2	0.04	0.2	0.04
OCPs	Calculated DDx (ND=0.5DL)	9.52E-02	2.07E-03	1.71E-01	8.24E-01	2.14E-03	1.80	0.00E+00	0	9.31E-02	78.30	2.37E-02	19.90	1.19E-01	1.47E-01	7.35E-01	0.8	0.2	0.8	0.2
OCPs	beta-BHC	4.42E-02	1.61E-03	1.85E-01	7.00E-01	9.92E-04	0.81	0.00E+00	0	1.01E-01	82.75	2.01E-02	16.44	1.22E-01	4.00E-01	2.00E+00	0.3	0.06	0.3	0.06
OCPs	Hexachlorobenzene	1.49E-01	3.40E-04	1.08E+00	4.76E-02	3.34E-03	0.56	0.00E+00	0	5.92E-01	99.21	1.37E-03	0.23	5.97E-01	1.60E+00	1.60E+01	0.4	0.04	0.4	0.04
PCBs	Calculated Total PCBs (ND=0.5DL)	1.25E-01	1.87E-04	1.41E-01	6.89E-05	2.80E-03	3.51	0.00E+00	0	7.70E-02	96.49	1.98E-06	0.002	7.99E-02	2.56E-01	1.27E+00	0.3	0.06	0.3	0.06
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.73E-05	2.59E-08	1.95E-05	9.54E-09	3.88E-07	3.51	0.00E+00	0	1.07E-05	96.49	2.74E-10	0.002	1.11E-05	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	9.55E-06	1.43E-08	1.08E-05	5.27E-09	2.14E-07	3.51	0.00E+00	0	5.90E-06	96.49	1.52E-10	0.002	6.11E-06	8.40E-06	3.10E-05	0.7	0.2	0.7	0.2
SVOCs	Octachlorostyrene	6.60E-01	9.90E-02	1.06E-01	2.11E-01	1.48E-02	18.86	0.00E+00	0	5.77E-02	73.42	6.07E-03	7.73	7.86E-02	2.63E+00	2.63E+01	0.03	0.003	0.03	0.003

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	4.79E-03	20.4	0.00E+00	0	1.87E-02	79.4	4.91E-05	0.21	2.35E-02	5.90E-02	5.90E-01	0.4	0.04	0.4	0.04
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	9.63E-02	69.9	0.00E+00	0	3.75E-02	27.2	3.94E-03	2.87	1.38E-01	2.80E+01	9.36E+01	0.005	0.001	0.005	0.001
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	2.07E-01	31.6	0.00E+00	0	4.23E-01	64.4	2.65E-02	4.04	6.57E-01	4.70E+00	8.90E+00	0.1	0.07	0.1	0.07
Metals	Manganese	4.37E+02	5.18E+00	4.50E+00	2.87E+00	9.81E+00	79.4	0.00E+00	0	2.46E+00	19.9	8.24E-02	0.67	1.24E+01	5.15E+01	1.46E+02	0.2	0.08	0.2	0.08
Metals	Mercury	2.14E-02	1.21E-04	8.58E-04	1.52E-06	4.81E-04	50.7	0.00E+00	0	4.68E-04	49.3	4.38E-08	0.00	9.50E-04	1.01E+00	1.01E+01	0.0009	0.00009	0.0009	0.00009
Metals	Vanadium	4.06E+01	2.96E-02	2.73E-01	1.60E-01	9.12E-01	85.6	0.00E+00	0	1.49E-01	14.0	4.60E-03	0.43	1.07E+00	4.16E+00	8.31E+00	0.3	0.1	0.3	0.1
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Hexachlorobenzene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.60E+00	1.60E+01	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated Total PCBs (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.56E-01	1.27E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
SVOCs	Octachlorostyrene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.63E+00	2.63E+01	No BKG	No BKG	No BKG	No BKG

TABLE I-2e: Potential Daily Dose and Hazard Quotients for Desert Shrew: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
500	100 < HQ

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-2f: Potential Daily Dose and Hazard Quotients for Fringed Myotis: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0018) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+03	2.36E+02	1.62E+03	6.72E+02	0.00E+00	0	0.00E+00	0	1.07E+03	100	0.00E+00	0	1.07E+03	6.40E+00	3.20E+01	200	30	0.3	0.06
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.49E-02	3.78E-05	8.76E-03	3.33E-05	0.00E+00	0	0.00E+00	0	5.83E-03	100	0.00E+00	0	5.83E-03	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	3.14E-02	2.64E-05	6.13E-03	2.33E-05	0.00E+00	0	0.00E+00	0	4.08E-03	100	0.00E+00	0	4.08E-03	8.40E-06	3.10E-05	500	100	0.9	0.2
Metals	Antimony	2.40E+00	1.34E-02	3.84E-01	1.92E-02	0.00E+00	0	0.00E+00	0	2.55E-01	100	0.00E+00	0	2.55E-01	5.90E-02	5.90E-01	4	0.4	0.008	0.0008
Metals	Boron	1.51E+03	2.27E+01	2.42E+01	4.83E+01	0.00E+00	0	0.00E+00	0	1.61E+01	100	0.00E+00	0	1.61E+01	2.80E+01	9.36E+01	0.6	0.2	0.001	0.0003
Metals	Lead	2.67E+02	9.13E-01	1.17E+01	4.09E+00	0.00E+00	0	0.00E+00	0	7.77E+00	100	0.00E+00	0	7.77E+00	4.70E+00	8.90E+00	2	0.9	0.003	0.002
Metals	Manganese	2.50E+05	2.96E+03	3.42E+02	1.64E+03	0.00E+00	0	0.00E+00	0	2.27E+02	100	0.00E+00	0	2.27E+02	5.15E+01	1.46E+02	4	2	0.008	0.003
Metals	Mercury	1.80E+00	1.01E-02	7.20E-02	1.28E-04	0.00E+00	0	0.00E+00	0	4.79E-02	100	0.00E+00	0	4.79E-02	1.01E+00	1.01E+01	0.05	0.005	0.00009	0.000009
Metals	Vanadium	6.76E+01	4.92E-02	4.54E-01	2.66E-01	0.00E+00	0	0.00E+00	0	3.02E-01	100	0.00E+00	0	3.02E-01	4.16E+00	8.31E+00	0.07	0.04	0.0001	0.00007
OCPs	4,4'-DDE	3.50E+00	3.12E-02	5.74E+00	7.76E+01	0.00E+00	0	0.00E+00	0	3.82E+00	100	0.00E+00	0	3.82E+00	1.47E-01	7.35E-01	30	5	0.05	0.009
OCPs	4,4'-DDT	7.70E-01	9.99E-03	1.07E+00	2.49E+00	0.00E+00	0	0.00E+00	0	7.09E-01	100	0.00E+00	0	7.09E-01	1.47E-01	7.35E-01	5	**1**	0.009	0.002
OCPs	Calculated DDx (ND=0.5DL)	4.30E+00	3.65E-02	7.71E+00	3.72E+01	0.00E+00	0	0.00E+00	0	5.12E+00	100	0.00E+00	0	5.12E+00	1.47E-01	7.35E-01	30	7	0.06	0.01
OCPs	beta-BHC	8.70E-01	3.17E-02	3.65E+00	6.08E+00	0.00E+00	0	0.00E+00	0	2.43E+00	100	0.00E+00	0	2.43E+00	4.00E-01	2.00E+00	6	**1**	0.01	0.002
OCPs	Hexachlorobenzene	4.60E+00	1.05E-02	3.35E+01	1.47E+00	0.00E+00	0	0.00E+00	0	2.23E+01	100	0.00E+00	0	2.23E+01	1.60E+00	1.60E+01	10	**1**	0.03	0.003
PCBs	Calculated Total PCBs (ND=0.5DL)	8.59E-01	1.29E-03	9.71E-01	4.74E-04	0.00E+00	0	0.00E+00	0	6.45E-01	100	0.00E+00	0	6.45E-01	2.56E-01	1.27E+00	3	0.5	0.005	0.0009
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.07E-04	1.60E-07	1.21E-04	5.91E-08	0.00E+00	0	0.00E+00	0	8.04E-05	100	0.00E+00	0	8.04E-05	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	5.98E-05	8.97E-08	6.76E-05	3.30E-08	0.00E+00	0	0.00E+00	0	4.49E-05	100	0.00E+00	0	4.49E-05	8.40E-06	3.10E-05	5	**1**	0.01	0.003
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	0.00E+00	0	0.00E+00	0	1.38E-01	100	0.00E+00	0	1.38E-01	2.63E+00	2.63E+01	0.05	0.005	0.00009	0.000009

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0018) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.57E+02	3.28E+01	5.68E+01	2.36E+01	0.00E+00	0	0.00E+00	0	3.77E+01	100	0.00E+00	0	3.77E+01	6.40E+00	3.20E+01	6	**1**	0.01	0.002
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.87E-03	1.57E-06	3.65E-04	1.39E-06	0.00E+00	0	0.00E+00	0	2.43E-04	100	0.00E+00	0	2.43E-04	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.11E-03	9.32E-07	2.16E-04	8.22E-07	0.00E+00	0	0.00E+00	0	1.44E-04	100	0.00E+00	0	1.44E-04	8.40E-06	3.10E-05	20	5	0.03	0.008
Metals	Antimony	4.41E-01	2.75E-03	7.06E-02	3.53E-03	0.00E+00	0	0.00E+00	0	4.70E-02	100	0.00E+00	0	4.70E-02	5.90E-02	5.90E-01	0.8	0.08	0.001	0.0001
Metals	Boron	6.35E+01	9.53E-01	1.02E+00	2.03E+00	0.00E+00	0	0.00E+00	0	6.76E-01	100	0.00E+00	0	6.76E-01	2.80E+01	9.36E+01	0.02	0.007	0.00004	0.00001
Metals	Lead	1.98E+01	2.12E-01	1.43E+00	1.29E+00	0.00E+00	0	0.00E+00	0	9.52E-01	100	0.00E+00	0	9.52E-01	4.70E+00	8.90E+00	0.2	0.1	0.0004	0.0002
Metals	Manganese	8.69E+03	1.03E+02	3.46E+01	5.70E+01	0.00E+00	0	0.00E+00	0	2.30E+01	100	0.00E+00	0	2.30E+01	5.15E+01	1.46E+02	0.4	0.2	0.0008	0.0003
Metals	Mercury	1.02E-01	5.73E-04	4.08E-03	7.23E-06	0.00E+00	0	0.00E+00	0	2.71E-03	100	0.00E+00	0	2.71E-03	1.01E+00	1.01E+01	0.003	0.0003	0.000005	0.0000005
Metals	Vanadium	4.39E+01	3.19E-02	2.95E-01	1.73E-01	0.00E+00	0	0.00E+00	0	1.96E-01	100	0.00E+00	0	1.96E-01	4.16E+00	8.31E+00	0.05	0.02	0.00008	0.00004
OCPs	4,4'-DDE	1.88E-01	3.45E-03	4.36E-01	1.49E+01	0.00E+00	0	0.00E+00	0	2.90E-01	100	0.00E+00	0	2.90E-01	1.47E-01	7.35E-01	2	0.4	0.004	0.0007
OCPs	4,4'-DDT	4.34E-02	1.15E-03	8.77E-02	4.07E-01	0.00E+00	0	0.00E+00	0	5.83E-02	100	0.00E+00	0	5.83E-02	1.47E-01	7.35E-01	0.4	0.08	0.0007	0.0001
OCPs	Calculated DDx (ND=0.5DL)	2.33E-01	4.07E-03	4.18E-01	2.02E+00	0.00E+00	0	0.00E+00	0	2.78E-01	100	0.00E+00	0	2.78E-01	1.47E-01	7.35E-01	2	0.4	0.003	0.0007
OCPs	beta-BHC	7.18E-02	2.62E-03	3.01E-01	9.95E-01	0.00E+00	0	0.00E+00	0	2.00E-01	100	0.00E+00	0	2.00E-01	4.00E-01	2.00E+00	0.5	0.1	0.0009	0.0002
OCPs	Hexachlorobenzene	2.18E-01	4.99E-04	1.59E+00	6.98E-02	0.00E+00	0	0.00E+00	0	1.06E+00	100	0.00E+00	0	1.06E+00	1.60E+00	1.60E+01	0.7	0.07	0.001	0.0001
PCBs	Calculated Total PCBs (ND=0.5DL)	1.95E-01	2.92E-04	2.20E-01	1.07E-04	0.00E+00	0	0.00E+00	0	1.46E-01	100	0.00E+00	0	1.46E-01	2.56E-01	1.27E+00	0.6	0.1	0.001	0.0002
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	2.56E-05	3.84E-08	2.89E-05	1.41E-08	0.00E+00	0	0.00E+00	0	1.92E-05	100	0.00E+00	0	1.92E-05	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	1.51E-05	2.27E-08	1.71E-05	8.35E-09	0.00E+00	0	0.00E+00	0	1.14E-05	100	0.00E+00	0	1.14E-05	8.40E-06	3.10E-05	**1**	0.4	0.002	0.0007
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	0.00E+00	0	0.00E+00	0	1.38E-01	100	0.00E+00	0	1.38E-01	2.63E+00	2.63E+01	0.05	0.005	0.00009	0.000009

TABLE I-2f: Potential Daily Dose and Hazard Quotients for Fringed Myotis: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0018) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	7.79E+01	2.17E+01	2.82E+01	1.17E+01	0.00E+00	0	0.00E+00	0	1.87E+01	100	0.00E+00	0	1.87E+01	6.40E+00	3.20E+01	3	0.6	0.005	0.001
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.11E-03	9.30E-07	2.16E-04	8.20E-07	0.00E+00	0	0.00E+00	0	1.43E-04	100	0.00E+00	0	1.43E-04	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	5.76E-04	4.84E-07	1.12E-04	4.27E-07	0.00E+00	0	0.00E+00	0	7.47E-05	100	0.00E+00	0	7.47E-05	8.40E-06	3.10E-05	9	2	0.02	0.004
Metals	Antimony	3.64E-01	2.29E-03	5.82E-02	2.91E-03	0.00E+00	0	0.00E+00	0	3.87E-02	100	0.00E+00	0	3.87E-02	5.90E-02	5.90E-01	0.7	0.07	0.001	0.0001
Metals	Boron	2.88E+01	4.32E-01	4.61E-01	9.22E-01	0.00E+00	0	0.00E+00	0	3.06E-01	100	0.00E+00	0	3.06E-01	2.80E+01	9.36E+01	0.01	0.003	0.00002	0.000006
Metals	Lead	1.47E+01	1.79E-01	1.12E+00	1.13E+00	0.00E+00	0	0.00E+00	0	7.47E-01	100	0.00E+00	0	7.47E-01	4.70E+00	8.90E+00	0.2	0.08	0.0003	0.0002
Metals	Manganese	3.62E+03	4.29E+01	1.91E+01	2.38E+01	0.00E+00	0	0.00E+00	0	1.27E+01	100	0.00E+00	0	1.27E+01	5.15E+01	1.46E+02	0.2	0.09	0.0004	0.0002
Metals	Mercury	5.87E-02	3.30E-04	2.35E-03	4.17E-06	0.00E+00	0	0.00E+00	0	1.56E-03	100	0.00E+00	0	1.56E-03	1.01E+00	1.01E+01	0.002	0.0002	0.000003	0.0000003
Metals	Vanadium	4.20E+01	3.05E-02	2.82E-01	1.65E-01	0.00E+00	0	0.00E+00	0	1.87E-01	100	0.00E+00	0	1.87E-01	4.16E+00	8.31E+00	0.05	0.02	0.00008	0.00004
OCPs	4,4'-DDE	7.23E-02	1.69E-03	1.89E-01	8.69E+00	0.00E+00	0	0.00E+00	0	1.25E-01	100	0.00E+00	0	1.25E-01	1.47E-01	7.35E-01	0.9	0.2	0.002	0.0003
OCPs	4,4'-DDT	1.81E-02	5.96E-04	4.11E-02	2.35E-01	0.00E+00	0	0.00E+00	0	2.73E-02	100	0.00E+00	0	2.73E-02	1.47E-01	7.35E-01	0.2	0.04	0.0003	0.00007
OCPs	Calculated DDx (ND=0.5DL)	9.52E-02	2.07E-03	1.71E-01	8.24E-01	0.00E+00	0	0.00E+00	0	1.13E-01	100	0.00E+00	0	1.13E-01	1.47E-01	7.35E-01	0.8	0.2	0.001	0.0003
OCPs	beta-BHC	4.42E-02	1.61E-03	1.85E-01	7.00E-01	0.00E+00	0	0.00E+00	0	1.23E-01	100	0.00E+00	0	1.23E-01	4.00E-01	2.00E+00	0.3	0.06	0.0006	0.0001
OCPs	Hexachlorobenzene	1.49E-01	3.40E-04	1.08E+00	4.76E-02	0.00E+00	0	0.00E+00	0	7.20E-01	100	0.00E+00	0	7.20E-01	1.60E+00	1.60E+01	0.5	0.05	0.0008	0.00008
PCBs	Calculated Total PCBs (ND=0.5DL)	1.25E-01	1.87E-04	1.41E-01	6.89E-05	0.00E+00	0	0.00E+00	0	9.38E-02	100	0.00E+00	0	9.38E-02	2.56E-01	1.27E+00	0.4	0.07	0.0007	0.0001
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.73E-05	2.59E-08	1.95E-05	9.54E-09	0.00E+00	0	0.00E+00	0	1.30E-05	100	0.00E+00	0	1.30E-05	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	9.55E-06	1.43E-08	1.08E-05	5.27E-09	0.00E+00	0	0.00E+00	0	7.18E-06	100	0.00E+00	0	7.18E-06	8.40E-06	3.10E-05	0.9	0.2	0.002	0.0004
SVOCs	Octachlorostyrene	6.60E-01	9.90E-02	1.06E-01	2.11E-01	0.00E+00	0	0.00E+00	0	7.02E-02	100	0.00E+00	0	7.02E-02	2.63E+00	2.63E+01	0.03	0.003	0.00005	0.000005

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	0.00E+00	0	0.00E+00	0	2.27E-02	100	0.00E+00	0	2.27E-02	5.90E-02	5.90E-01	0.4	0.04	0.4	0.04
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	0.00E+00	0	0.00E+00	0	4.56E-02	100	0.00E+00	0	4.56E-02	2.80E+01	9.36E+01	0.002	0.0005	0.002	0.0005
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	0.00E+00	0	0.00E+00	0	5.14E-01	100	0.00E+00	0	5.14E-01	4.70E+00	8.90E+00	0.1	0.06	0.1	0.06
Metals	Manganese	4.37E+02	5.18E+00	4.50E+00	2.87E+00	0.00E+00	0	0.00E+00	0	2.99E+00	100	0.00E+00	0	2.99E+00	5.15E+01	1.46E+02	0.06	0.02	0.06	0.02
Metals	Mercury	2.14E-02	1.21E-04	8.58E-04	1.52E-06	0.00E+00	0	0.00E+00	0	5.70E-04	100	0.00E+00	0	5.70E-04	1.01E+00	1.01E+01	0.0006	0.00006	0.0006	0.00006
Metals	Vanadium	4.06E+01	2.96E-02	2.73E-01	1.60E-01	0.00E+00	0	0.00E+00	0	1.82E-01	100	0.00E+00	0	1.82E-01	4.16E+00	8.31E+00	0.04	0.02	0.04	0.02
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Hexachlorobenzene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.60E+00	1.60E+01	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated Total PCBs (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.56E-01	1.27E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
SVOCs	Octachlorostyrene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.63E+00	2.63E+01	No BKG	No BKG	No BKG	No BKG

TABLE I-2f: Potential Daily Dose and Hazard Quotients for Fringed Myotis: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
500	100 < HQ

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-2g: Potential Daily Dose and Hazard Quotients for Raccoon: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.085) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+03	2.36E+02	1.62E+03	6.72E+02	2.12E+01	11.76	2.86E+01	15.86	1.31E+02	72.38	0.00E+00	0	1.81E+02	6.40E+00	3.20E+01	30	6	2	0.5
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.49E-02	3.78E-05	8.76E-03	3.33E-05	2.14E-04	23.04	4.58E-06	0.49	7.09E-04	76.47	0.00E+00	0	9.27E-04	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	3.14E-02	2.64E-05	6.13E-03	2.33E-05	1.49E-04	23.04	3.20E-06	0.49	4.96E-04	76.47	0.00E+00	0	6.48E-04	8.40E-06	3.10E-05	80	20	7	2
Metals	Antimony	2.40E+00	1.34E-02	3.84E-01	1.92E-02	1.14E-02	25.86	1.63E-03	3.70	3.11E-02	70.44	0.00E+00	0	4.41E-02	5.90E-02	5.90E-01	0.7	0.07	0.06	0.006
Metals	Boron	1.51E+03	2.27E+01	2.42E+01	4.83E+01	7.17E+00	60.41	2.75E+00	23.14	1.95E+00	16.45	0.00E+00	0	1.19E+01	2.80E+01	9.36E+01	0.4	0.1	0.04	0.01
Metals	Lead	2.67E+02	9.13E-01	1.17E+01	4.09E+00	1.27E+00	54.58	1.11E-01	4.77	9.45E-01	40.66	0.00E+00	0	2.32E+00	4.70E+00	8.90E+00	0.5	0.3	0.04	0.02
Metals	Manganese	2.50E+05	2.96E+03	3.42E+02	1.64E+03	1.19E+03	75.42	3.59E+02	22.82	2.77E+01	1.76	0.00E+00	0	1.57E+03	5.15E+01	1.46E+02	30	10	3	0.9
Metals	Mercury	1.80E+00	1.01E-02	7.20E-02	1.28E-04	8.55E-03	54.81	1.23E-03	7.87	5.82E-03	37.32	0.00E+00	0	1.56E-02	1.01E+00	1.01E+01	0.02	0.002	0.001	0.0001
Metals	Vanadium	6.76E+01	4.92E-02	4.54E-01	2.66E-01	3.21E-01	88.26	5.97E-03	1.64	3.67E-02	10.10	0.00E+00	0	3.64E-01	4.16E+00	8.31E+00	0.09	0.04	0.007	0.004
OCPs	4,4'-DDE	3.50E+00	3.12E-02	5.74E+00	7.76E+01	1.66E-02	3.43	3.79E-03	0.78	4.64E-01	95.79	0.00E+00	0	4.85E-01	1.47E-01	7.35E-01	3	0.7	0.3	0.06
OCPs	4,4'-DDT	7.70E-01	9.99E-03	1.07E+00	2.49E+00	3.66E-03	4.01	1.21E-03	1.33	8.63E-02	94.66	0.00E+00	0	9.12E-02	1.47E-01	7.35E-01	0.6	0.1	0.05	0.01
OCPs	Calculated DDx (ND=0.5DL)	4.30E+00	3.65E-02	7.71E+00	3.72E+01	2.04E-02	3.15	4.42E-03	0.68	6.23E-01	96.16	0.00E+00	0	6.48E-01	1.47E-01	7.35E-01	4	0.9	0.4	0.07
OCPs	beta-BHC	8.70E-01	3.17E-02	3.65E+00	6.08E+00	4.13E-03	1.36	3.85E-03	1.27	2.95E-01	97.37	0.00E+00	0	3.03E-01	4.00E-01	2.00E+00	0.8	0.2	0.06	0.01
OCPs	Hexachlorobenzene	4.60E+00	1.05E-02	3.35E+01	1.47E+00	2.19E-02	0.80	1.28E-03	0.05	2.71E+00	99.15	0.00E+00	0	2.73E+00	1.60E+00	1.60E+01	2	0.2	0.1	0.01
PCBs	Calculated Total PCBs (ND=0.5DL)	8.59E-01	1.29E-03	9.71E-01	4.74E-04	4.08E-03	4.93	1.56E-04	0.19	7.85E-02	94.88	0.00E+00	0	8.27E-02	2.56E-01	1.27E+00	0.3	0.06	0.03	0.006
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.07E-04	1.60E-07	1.21E-04	5.91E-08	5.08E-07	4.93	1.95E-08	0.19	9.78E-06	94.88	0.00E+00	0	1.03E-05	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	5.98E-05	8.97E-08	6.76E-05	3.30E-08	2.84E-07	4.93	1.09E-08	0.19	5.47E-06	94.88	0.00E+00	0	5.76E-06	8.40E-06	3.10E-05	0.7	0.2	0.06	0.02
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	6.18E-03	13.24	2.37E-02	50.70	1.68E-02	36.06	0.00E+00	0	4.67E-02	2.63E+00	2.63E+01	0.02	0.002	0.002	0.0002

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.085) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.57E+02	3.28E+01	5.68E+01	2.36E+01	7.46E-01	8.00	3.98E+00	42.74	4.59E+00	49.26	0.00E+00	0	9.32E+00	6.40E+00	3.20E+01	**1**	0.3	0.1	0.02
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.87E-03	1.57E-06	3.65E-04	1.39E-06	8.89E-06	23.04	1.91E-07	0.49	2.95E-05	76.47	0.00E+00	0	3.86E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.11E-03	9.32E-07	2.16E-04	8.22E-07	5.27E-06	23.04	1.13E-07	0.49	1.75E-05	76.47	0.00E+00	0	2.29E-05	8.40E-06	3.10E-05	3	0.7	0.2	0.06
Metals	Antimony	4.41E-01	2.75E-03	7.06E-02	3.53E-03	2.10E-03	25.76	3.33E-04	4.09	5.71E-03	70.15	0.00E+00	0	8.14E-03	5.90E-02	5.90E-01	0.1	0.01	0.01	0.001
Metals	Boron	6.35E+01	9.53E-01	1.02E+00	2.03E+00	3.02E-01	60.41	1.16E-01	23.14	8.22E-02	16.45	0.00E+00	0	4.99E-01	2.80E+01	9.36E+01	0.02	0.005	0.002	0.0005
Metals	Lead	1.98E+01	2.12E-01	1.43E+00	1.29E+00	9.41E-02	39.93	2.58E-02	10.93	1.16E-01	49.14	0.00E+00	0	2.36E-01	4.70E+00	8.90E+00	0.05	0.03	0.004	0.002
Metals	Manganese	8.69E+03	1.03E+02	3.46E+01	5.70E+01	4.13E+01	72.97	1.25E+01	22.08	2.80E+00	4.95	0.00E+00	0	5.66E+01	5.15E+01	1.46E+02	**1**	0.4	0.09	0.03
Metals	Mercury	1.02E-01	5.73E-04	4.08E-03	7.23E-06	4.84E-04	54.81	6.95E-05	7.87	3.30E-04	37.32	0.00E+00	0	8.83E-04	1.01E+00	1.01E+01	0.0009	0.00009	0.00007	0.000007
Metals	Vanadium	4.39E+01	3.19E-02	2.95E-01	1.73E-01	2.08E-01	88.26	3.87E-03	1.64	2.38E-02	10.10	0.00E+00	0	2.36E-01	4.16E+00	8.31E+00	0.06	0.03	0.005	0.002
OCPs	4,4'-DDE	1.88E-01	3.45E-03	4.36E-01	1.49E+01	8.91E-04	2.43	4.19E-04	1.14	3.53E-02	96.42	0.00E+00	0	3.66E-02	1.47E-01	7.35E-01	0.2	0.05	0.02	0.004
OCPs	4,4'-DDT	4.34E-02	1.15E-03	8.77E-02	4.07E-01	2.06E-04	2.77	1.39E-04	1.87	7.09E-03	95.35	0.00E+00	0	7.43E-03	1.47E-01	7.35E-01	0.05	0.01	0.004	0.0009
OCPs	Calculated DDx (ND=0.5DL)	2.33E-01	4.07E-03	4.18E-01	2.02E+00	1.11E-03	3.13	4.94E-04	1.39	3.38E-02	95.48	0.00E+00	0	3.54E-02	1.47E-01	7.35E-01	0.2	0.05	0.02	0.004
OCPs	beta-BHC	7.18E-02	2.62E-03	3.01E-01	9.95E-01	3.41E-04	1.36	3.17E-04	1.27	2.44E-02	97.37	0.00E+00	0	2.50E-02	4.00E-01	2.00E+00	0.06	0.01	0.005	0.001
OCPs	Hexachlorobenzene	2.18E-01	4.99E-04	1.59E+00	6.98E-02	1.04E-03	0.80	6.05E-05	0.05	1.28E-01	99.15	0.00E+00	0	1.30E-01	1.60E+00	1.60E+01	0.08	0.008	0.007	0.0007
PCBs	Calculated Total PCBs (ND=0.5DL)	1.95E-01	2.92E-04	2.20E-01	1.07E-04	9.24E-04	4.93	3.54E-05	0.19	1.78E-02	94.88	0.00E+00	0	1.87E-02	2.56E-01	1.27E+00	0.07	0.01	0.006	0.001
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	2.56E-05	3.84E-08	2.89E-05	1.41E-08	1.22E-07	4.93	4.66E-09	0.19	2.34E-06	94.88	0.00E+00	0	2.47E-06	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	1.51E-05	2.27E-08	1.71E-05	8.35E-09	7.18E-08	4.93	2.75E-09	0.19	1.38E-06	94.88	0.00E+00	0	1.46E-06	8.40E-06	3.10E-05	0.2	0.05	0.01	0.004
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	6.18E-03	13.24	2.37E-02	50.70	1.68E-02	36.06	0.00E+00	0	4.67E-02	2.63E+00	2.63E+01	0.02	0.002	0.002	0.0002

TABLE I-2g: Potential Daily Dose and Hazard Quotients for Raccoon: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.085) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	7.79E+01	2.17E+01	2.82E+01	1.17E+01	3.70E-01	7.0043326	2.64E+00	49.88	2.28E+00	43.11	0.00E+00	0	5.28E+00	6.40E+00	3.20E+01	0.8	0.2	0.07	0.01
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.11E-03	9.30E-07	2.16E-04	8.20E-07	5.26E-06	23.038312	1.13E-07	0.49	1.75E-05	76.47	0.00E+00	0	2.28E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	5.76E-04	4.84E-07	1.12E-04	4.27E-07	2.74E-06	23.038312	5.87E-08	0.49	9.09E-06	76.47	0.00E+00	0	1.19E-05	8.40E-06	3.10E-05	**1**	0.4	0.1	0.03
Metals	Antimony	3.64E-01	2.29E-03	5.82E-02	2.91E-03	1.73E-03	25.745187	2.78E-04	4.14	4.71E-03	70.11	0.00E+00	0	6.71E-03	5.90E-02	5.90E-01	0.1	0.01	0.01	0.001
Metals	Boron	2.88E+01	4.32E-01	4.61E-01	9.22E-01	1.37E-01	60.411311	5.24E-02	23.14	3.73E-02	16.45	0.00E+00	0	2.27E-01	2.80E+01	9.36E+01	0.008	0.002	0.0007	0.0002
Metals	Lead	1.47E+01	1.79E-01	1.12E+00	1.13E+00	6.97E-02	38.223039	2.18E-02	11.93	9.09E-02	49.85	0.00E+00	0	1.82E-01	4.70E+00	8.90E+00	0.04	0.02	0.003	0.002
Metals	Manganese	3.62E+03	4.29E+01	1.91E+01	2.38E+01	1.72E+01	71.834754	5.21E+00	21.73	1.54E+00	6.43	0.00E+00	0	2.40E+01	5.15E+01	1.46E+02	0.5	0.2	0.04	0.01
Metals	Mercury	5.87E-02	3.30E-04	2.35E-03	4.17E-06	2.79E-04	54.810496	4.01E-05	7.87	1.90E-04	37.32	0.00E+00	0	5.09E-04	1.01E+00	1.01E+01	0.0005	0.00005	0.00004	0.000004
Metals	Vanadium	4.20E+01	3.05E-02	2.82E-01	1.65E-01	1.99E-01	88.264568	3.70E-03	1.64	2.28E-02	10.10	0.00E+00	0	2.26E-01	4.16E+00	8.31E+00	0.05	0.03	0.005	0.002
OCPs	4,4'-DDE	7.23E-02	1.69E-03	1.89E-01	8.69E+00	3.44E-04	2.174334	2.05E-04	1.29	1.53E-02	96.53	0.00E+00	0	1.58E-02	1.47E-01	7.35E-01	0.1	0.02	0.009	0.002
OCPs	4,4'-DDT	1.81E-02	5.96E-04	4.11E-02	2.35E-01	8.62E-05	2.4754079	7.23E-05	2.08	3.32E-03	95.45	0.00E+00	0	3.48E-03	1.47E-01	7.35E-01	0.02	0.005	0.002	0.0004
OCPs	Calculated DDx (ND=0.5DL)	9.52E-02	2.07E-03	1.71E-01	8.24E-01	4.52E-04	3.12	2.51E-04	1.73	1.38E-02	95.15	0.00E+00	0	1.45E-02	1.47E-01	7.35E-01	0.1	0.02	0.008	0.002
OCPs	beta-BHC	4.42E-02	1.61E-03	1.85E-01	7.00E-01	2.10E-04	1.3628647	1.95E-04	1.27	1.50E-02	97.37	0.00E+00	0	1.54E-02	4.00E-01	2.00E+00	0.04	0.008	0.003	0.0007
OCPs	Hexachlorobenzene	1.49E-01	3.40E-04	1.08E+00	4.76E-02	7.06E-04	0.7993658	4.13E-05	0.05	8.76E-02	99.15	0.00E+00	0	8.84E-02	1.60E+00	1.60E+01	0.06	0.006	0.005	0.0005
PCBs	Calculated Total PCBs (ND=0.5DL)	1.25E-01	1.87E-04	1.41E-01	6.89E-05	5.93E-04	4.9328296	2.27E-05	0.19	1.14E-02	94.88	0.00E+00	0	1.20E-02	2.56E-01	1.27E+00	0.05	0.009	0.004	0.0008
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.73E-05	2.59E-08	1.95E-05	9.54E-09	8.21E-08	4.9328296	3.14E-09	0.19	1.58E-06	94.88	0.00E+00	0	1.66E-06	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	9.55E-06	1.43E-08	1.08E-05	5.27E-09	4.54E-08	4.9328296	1.74E-09	0.19	8.73E-07	94.88	0.00E+00	0	9.20E-07	8.40E-06	3.10E-05	0.1	0.03	0.009	0.003
SVOCs	Octachlorostyrene	6.60E-01	9.90E-02	1.06E-01	2.11E-01	3.14E-03	13.239437	1.20E-02	50.70	8.54E-03	36.06	0.00E+00	0	2.37E-02	2.63E+00	2.63E+01	0.009	0.0009	0.0008	0.00008

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	1.01E-03	25.71	1.69E-04	4.27	2.76E-03	70.02	0.00E+00	0	3.95E-03	5.90E-02	5.90E-01	0.07	0.007	0.07	0.007
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	2.04E-02	60.41	7.80E-03	23.14	5.55E-03	16.45	0.00E+00	0	3.37E-02	2.80E+01	9.36E+01	0.001	0.0004	0.001	0.0004
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	4.39E-02	35.61	1.68E-02	13.62	6.26E-02	50.77	0.00E+00	0	1.23E-01	4.70E+00	8.90E+00	0.03	0.01	0.03	0.01
Metals	Manganese	4.37E+02	5.18E+00	4.50E+00	2.87E+00	2.08E+00	67.66	6.28E-01	20.47	3.64E-01	11.87	0.00E+00	0	3.07E+00	5.15E+01	1.46E+02	0.06	0.02	0.06	0.02
Metals	Mercury	2.14E-02	1.21E-04	8.58E-04	1.52E-06	1.02E-04	54.81	1.46E-05	7.87	6.94E-05	37.32	0.00E+00	0	1.86E-04	1.01E+00	1.01E+01	0.0002	0.00002	0.0002	0.00002
Metals	Vanadium	4.06E+01	2.96E-02	2.73E-01	1.60E-01	1.93E-01	88.26	3.59E-03	1.64	2.21E-02	10.10	0.00E+00	0	2.19E-01	4.16E+00	8.31E+00	0.05	0.03	0.05	0.03
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Hexachlorobenzene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.60E+00	1.60E+01	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated Total PCBs (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.56E-01	1.27E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
SVOCs	Octachlorostyrene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.63E+00	2.63E+01	No BKG	No BKG	No BKG	No BKG

TABLE I-2g: Potential Daily Dose and Hazard Quotients for Raccoon: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-2h : Potential Daily Dose and Hazard Quotients for Mourning Dove: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0086) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+03	2.36E+02	1.62E+03	6.72E+02	1.17E+01	30.56	2.65E+01	69.44	0.00E+00	0	0.00E+00	0	3.82E+01	1.30E+01	2.60E+01	3	1	0.03	0.01
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.49E-02	3.78E-05	8.76E-03	3.33E-05	1.17E-04	96.51	4.24E-06	3.49	0.00E+00	0	0.00E+00	0	1.21E-04	1.40E-05	1.40E-04	9	0.9	0.07	0.007
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	3.14E-02	2.64E-05	6.13E-03	2.33E-05	8.20E-05	96.51	2.96E-06	3.49	0.00E+00	0	0.00E+00	0	8.50E-05	NA	NA	NA	NA	NA	NA
Metals	Antimony	2.40E+00	1.34E-02	3.84E-01	1.92E-02	6.26E-03	80.58	1.51E-03	19.42	0.00E+00	0	0.00E+00	0	7.77E-03	NC	NC	NC	NC	NC	NC
Metals	Boron	1.51E+03	2.27E+01	2.42E+01	4.83E+01	3.94E+00	60.78	2.54E+00	39.22	0.00E+00	0	0.00E+00	0	6.48E+00	2.88E+01	1.00E+02	0.2	0.06	0.002	0.0006
Metals	Lead	2.67E+02	9.13E-01	1.17E+01	4.09E+00	6.97E-01	87.17	1.02E-01	12.83	0.00E+00	0	0.00E+00	0	7.99E-01	1.63E+00	3.26E+00	0.5	0.2	0.004	0.002
Metals	Manganese	2.50E+05	2.96E+03	3.42E+02	1.64E+03	6.52E+02	66.24	3.32E+02	33.76	0.00E+00	0	0.00E+00	0	9.85E+02	1.79E+02	3.77E+02	6	3	0.05	0.02
Metals	Mercury	1.80E+00	1.01E-02	7.20E-02	1.28E-04	4.70E-03	80.52	1.14E-03	19.48	0.00E+00	0	0.00E+00	0	5.83E-03	3.25E-01	3.25E+00	0.02	0.002	0.0002	0.00002
Metals	Vanadium	6.76E+01	4.92E-02	4.54E-01	2.66E-01	1.76E-01	96.97	5.52E-03	3.03	0.00E+00	0	0.00E+00	0	1.82E-01	3.44E-01	6.88E-01	0.5	0.3	0.005	0.002
OCPs	4,4'-DDE	3.50E+00	3.12E-02	5.74E+00	7.76E+01	9.13E-03	72.27	3.50E-03	27.73	0.00E+00	0	0.00E+00	0	1.26E-02	2.27E-01	2.27E+00	0.06	0.006	0.0005	0.00005
OCPs	4,4'-DDT	7.70E-01	9.99E-03	1.07E+00	2.49E+00	2.01E-03	64.17	1.12E-03	35.83	0.00E+00	0	0.00E+00	0	3.13E-03	2.27E-01	2.27E+00	0.01	0.001	0.0001	0.00001
OCPs	Calculated DDx (ND=0.5DL)	4.30E+00	3.65E-02	7.71E+00	3.72E+01	1.12E-02	73.28	4.09E-03	26.72	0.00E+00	0	0.00E+00	0	1.53E-02	2.27E-01	2.27E+00	0.07	0.007	0.0006	0.00006
OCPs	beta-BHC	8.70E-01	3.17E-02	3.65E+00	6.08E+00	2.27E-03	38.93	3.56E-03	61.07	0.00E+00	0	0.00E+00	0	5.83E-03	5.60E-01	2.25E+00	0.01	0.003	0.00009	0.00002
OCPs	Hexachlorobenzene	4.60E+00	1.05E-02	3.35E+01	1.47E+00	1.20E-02	91.04	1.18E-03	8.96	0.00E+00	0	0.00E+00	0	1.32E-02	2.25E-01	2.25E+00	0.06	0.006	0.0005	0.00005
PCBs	Calculated Total PCBs (ND=0.5DL)	8.59E-01	1.29E-03	9.71E-01	4.74E-04	2.24E-03	93.94	1.45E-04	6.06	0.00E+00	0	0.00E+00	0	2.39E-03	1.47E+00	3.20E+00	0.002	0.0007	0.00001	0.000006
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.07E-04	1.60E-07	1.21E-04	5.91E-08	2.79E-07	93.94	1.80E-08	6.06	0.00E+00	0	0.00E+00	0	2.97E-07	1.40E-05	1.40E-04	0.02	0.002	0.0002	0.00002
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	5.98E-05	8.97E-08	6.76E-05	3.30E-08	1.56E-07	93.94	1.01E-08	6.06	0.00E+00	0	0.00E+00	0	1.66E-07	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	3.39E-03	13.42	2.19E-02	86.58	0.00E+00	0	0.00E+00	0	2.53E-02	2.48E+00	2.48E+01	0.01	0.001	0.00009	0.000009

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0086) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.57E+02	3.28E+01	5.68E+01	2.36E+01	4.10E-01	10.00	3.68E+00	90.00	0.00E+00	0	0.00E+00	0	4.09E+00	1.30E+01	2.60E+01	0.3	0.2	0.003	0.001
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.87E-03	1.57E-06	3.65E-04	1.39E-06	4.88E-06	96.51	1.76E-07	3.49	0.00E+00	0	0.00E+00	0	5.06E-06	1.40E-05	1.40E-04	0.4	0.04	0.003	0.0003
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.11E-03	9.32E-07	2.16E-04	8.22E-07	2.89E-06	96.51	1.05E-07	3.49	0.00E+00	0	0.00E+00	0	3.00E-06	NA	NA	NA	NA	NA	NA
Metals	Antimony	4.41E-01	2.75E-03	7.06E-02	3.53E-03	1.15E-03	78.88	3.08E-04	21.12	0.00E+00	0	0.00E+00	0	1.46E-03	NC	NC	NC	NC	NC	NC
Metals	Boron	6.35E+01	9.53E-01	1.02E+00	2.03E+00	1.66E-01	60.78	1.07E-01	39.22	0.00E+00	0	0.00E+00	0	2.73E-01	2.88E+01	1.00E+02	0.009	0.003	0.00008	0.00002
Metals	Lead	1.98E+01	2.12E-01	1.43E+00	1.29E+00	5.17E-02	68.45	2.38E-02	31.55	0.00E+00	0	0.00E+00	0	7.55E-02	1.63E+00	3.26E+00	0.05	0.02	0.0004	0.0002
Metals	Manganese	8.69E+03	1.03E+02	3.46E+01	5.70E+01	2.27E+01	66.24	1.16E+01	33.76	0.00E+00	0	0.00E+00	0	3.42E+01	1.79E+02	3.77E+02	0.2	0.09	0.002	0.0008
Metals	Mercury	1.02E-01	5.73E-04	4.08E-03	7.23E-06	2.66E-04	80.52	6.43E-05	19.48	0.00E+00	0	0.00E+00	0	3.30E-04	3.25E-01	3.25E+00	0.001	0.0001	0.000009	0.0000009
Metals	Vanadium	4.39E+01	3.19E-02	2.95E-01	1.73E-01	1.14E-01	96.97	3.58E-03	3.03	0.00E+00	0	0.00E+00	0	1.18E-01	3.44E-01	6.88E-01	0.3	0.2	0.003	0.001
OCPs	4,4'-DDE	1.88E-01	3.45E-03	4.36E-01	1.49E+01	4.89E-04	55.80	3.87E-04	44.20	0.00E+00	0	0.00E+00	0	8.77E-04	2.27E-01	2.27E+00	0.004	0.0004	0.00003	0.000003
OCPs	4,4'-DDT	4.34E-02	1.15E-03	8.77E-02	4.07E-01	1.13E-04	46.77	1.29E-04	53.23	0.00E+00	0	0.00E+00	0	2.42E-04	2.27E-01	2.27E+00	0.001	0.0001	0.000009	0.0000009
OCPs	Calculated DDx (ND=0.5DL)	2.33E-01	4.07E-03	4.18E-01	2.02E+00	6.09E-04	57.13	4.57E-04	42.87	0.00E+00	0	0.00E+00	0	1.07E-03	2.27E-01	2.27E+00	0.005	0.0005	0.00004	0.000004
OCPs	beta-BHC	7.18E-02	2.62E-03	3.01E-01	9.95E-01	1.87E-04	38.93	2.94E-04	61.07	0.00E+00	0	0.00E+00	0	4.81E-04	5.60E-01	2.25E+00	0.0009	0.0002	0.000007	0.000002
OCPs	Hexachlorobenzene	2.18E-01	4.99E-04	1.59E+00	6.98E-02	5.69E-04	91.04	5.60E-05	8.96	0.00E+00	0	0.00E+00	0	6.25E-04	2.25E-01	2.25E+00	0.003	0.0003	0.00002	0.000002
PCBs	Calculated Total PCBs (ND=0.5DL)	1.95E-01	2.92E-04	2.20E-01	1.07E-04	5.07E-04	93.94	3.27E-05	6.06	0.00E+00	0	0.00E+00	0	5.40E-04	1.47E+00	3.20E+00	0.0004	0.0002	0.000003	0.000001
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	2.56E-05	3.84E-08	2.89E-05	1.41E-08	6.68E-08	93.94	4.31E-09	6.06	0.00E+00	0	0.00E+00	0	7.11E-08	1.40E-05	1.40E-04	0.005	0.0005	0.00004	0.000004
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	1.51E-05	2.27E-08	1.71E-05	8.35E-09	3.94E-08	93.94	2.54E-09	6.06	0.00E+00	0	0.00E+00	0	4.20E-08	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	3.39E-03	13.42	2.19E-02	86.58	0.00E+00	0	0.00E+00	0	2.53E-02	2.48E+00	2.48E+01	0.01	0.001	0.00009	0.000009

TABLE I-2h : Potential Daily Dose and Hazard Quotients for Mourning Dove: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0086) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	7.79E+01	2.17E+01	2.82E+01	1.17E+01	2.03E-01	7.69	2.44E+00	92.31	0.00E+00	0	0.00E+00	0	2.64E+00	1.30E+01	2.60E+01	0.2	0.1	0.002	0.0009
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.11E-03	9.30E-07	2.16E-04	8.20E-07	2.89E-06	96.51	1.04E-07	3.49	0.00E+00	0	0.00E+00	0	2.99E-06	1.40E-05	1.40E-04	0.2	0.02	0.002	0.0002
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	5.76E-04	4.84E-07	1.12E-04	4.27E-07	1.50E-06	96.51	5.43E-08	3.49	0.00E+00	0	0.00E+00	0	1.56E-06	NA	NA	NA	NA	NA	NA
Metals	Antimony	3.64E-01	2.29E-03	5.82E-02	2.91E-03	9.49E-04	78.68	2.57E-04	21.32	0.00E+00	0	0.00E+00	0	1.21E-03	NC	NC	NC	NC	NC	NC
Metals	Boron	2.88E+01	4.32E-01	4.61E-01	9.22E-01	7.52E-02	60.78	4.85E-02	39.22	0.00E+00	0	0.00E+00	0	1.24E-01	2.88E+01	1.00E+02	0.004	0.001	0.00004	0.00001
Metals	Lead	1.47E+01	1.79E-01	1.12E+00	1.13E+00	3.83E-02	65.54	2.01E-02	34.46	0.00E+00	0	0.00E+00	0	5.84E-02	1.63E+00	3.26E+00	0.04	0.02	0.0003	0.0002
Metals	Manganese	3.62E+03	4.29E+01	1.91E+01	2.38E+01	9.45E+00	66.24	4.82E+00	33.76	0.00E+00	0	0.00E+00	0	1.43E+01	1.79E+02	3.77E+02	0.08	0.04	0.0007	0.0003
Metals	Mercury	5.87E-02	3.30E-04	2.35E-03	4.17E-06	1.53E-04	80.52	3.70E-05	19.48	0.00E+00	0	0.00E+00	0	1.90E-04	3.25E-01	3.25E+00	0.0006	0.00006	0.000005	0.0000005
Metals	Vanadium	4.20E+01	3.05E-02	2.82E-01	1.65E-01	1.09E-01	96.97	3.42E-03	3.03	0.00E+00	0	0.00E+00	0	1.13E-01	3.44E-01	6.88E-01	0.3	0.2	0.003	0.001
OCPs	4,4'-DDE	7.23E-02	1.69E-03	1.89E-01	8.69E+00	1.89E-04	49.93	1.89E-04	50.07	0.00E+00	0	0.00E+00	0	3.78E-04	2.27E-01	2.27E+00	0.002	0.0002	0.00001	0.000001
OCPs	4,4'-DDT	1.81E-02	5.96E-04	4.11E-02	2.35E-01	4.73E-05	41.46	6.69E-05	58.54	0.00E+00	0	0.00E+00	0	1.14E-04	2.27E-01	2.27E+00	0.0005	0.00005	0.000004	0.0000004
OCPs	Calculated DDx (ND=0.5DL)	9.52E-02	2.07E-03	1.71E-01	8.24E-01	2.48E-04	51.63	2.33E-04	48.37	0.00E+00	0	0.00E+00	0	4.81E-04	2.27E-01	2.27E+00	0.002	0.0002	0.00002	0.000002
OCPs	beta-BHC	4.42E-02	1.61E-03	1.85E-01	7.00E-01	1.15E-04	38.93	1.81E-04	61.07	0.00E+00	0	0.00E+00	0	2.96E-04	5.60E-01	2.25E+00	0.0005	0.0001	0.000005	0.000001
OCPs	Hexachlorobenzene	1.49E-01	3.40E-04	1.08E+00	4.76E-02	3.88E-04	91.04	3.82E-05	8.96	0.00E+00	0	0.00E+00	0	4.26E-04	2.25E-01	2.25E+00	0.002	0.0002	0.00002	0.000002
PCBs	Calculated Total PCBs (ND=0.5DL)	1.25E-01	1.87E-04	1.41E-01	6.89E-05	3.26E-04	93.94	2.10E-05	6.06	0.00E+00	0	0.00E+00	0	3.47E-04	1.47E+00	3.20E+00	0.0002	0.0001	0.000002	0.0000009
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.73E-05	2.59E-08	1.95E-05	9.54E-09	4.51E-08	93.94	2.91E-09	6.06	0.00E+00	0	0.00E+00	0	4.80E-08	1.40E-05	1.40E-04	0.003	0.0003	0.00003	0.000003
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	9.55E-06	1.43E-08	1.08E-05	5.27E-09	2.49E-08	93.94	1.61E-09	6.06	0.00E+00	0	0.00E+00	0	2.65E-08	NA	NA	NA	NA	NA	NA
SVOCs	Octachlorostyrene	6.60E-01	9.90E-02	1.06E-01	2.11E-01	1.72E-03	13.42	1.11E-02	86.58	0.00E+00	0	0.00E+00	0	1.28E-02	2.48E+00	2.48E+01	0.005	0.0005	0.00004	0.000004

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.30E+01	2.60E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	5.57E-04	78.12	1.56E-04	21.88	0.00E+00	0	0.00E+00	0	7.13E-04	NC	NC	NC	NC	NC	NC
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	1.12E-02	60.784314	7.22E-03	39.215686	0.00E+00	0	0.00E+00	0	1.84E-02	2.88E+01	1.00E+02	0.0006	0.0002	0.0006	0.0002
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	2.41E-02	60.82	1.55E-02	39.18	0.00E+00	0	0.00E+00	0	3.96E-02	1.63E+00	3.26E+00	0.02	0.01	0.02	0.01
Metals	Manganese	4.37E+02	5.18E+00	4.50E+00	2.87E+00	1.14E+00	66.24	5.81E-01	33.76	0.00E+00	0	0.00E+00	0	1.72E+00	1.79E+02	3.77E+02	0.01	0.005	0.01	0.005
Metals	Mercury	2.14E-02	1.21E-04	8.58E-04	1.52E-06	5.59E-05	80.52	1.35E-05	19.48	0.00E+00	0	0.00E+00	0	6.95E-05	3.25E-01	3.25E+00	0.0002	0.00002	0.0002	0.00002
Metals	Vanadium	4.06E+01	2.96E-02	2.73E-01	1.60E-01	1.06E-01	96.97	3.32E-03	3.03	0.00E+00	0	0.00E+00	0	1.09E-01	3.44E-01	6.88E-01	0.3	0.2	0.3	0.2
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	5.60E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Hexachlorobenzene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.25E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated Total PCBs (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E+00	3.20E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
SVOCs	Octachlorostyrene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.48E+00	2.48E+01	No BKG	No BKG	No BKG	No BKG

TABLE I-2h : Potential Daily Dose and Hazard Quotients for Mourning Dove: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-2i: Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+03	2.36E+02	1.62E+03	6.72E+02	3.43E+01	34.28	3.74E+01	37.33	2.85E+01	28.39	0.00E+00	0	1.00E+02	6.40E+00	3.20E+01	20	3	20	3
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.49E-02	3.78E-05	8.76E-03	3.33E-05	3.45E-04	68.30	5.98E-06	1.18	1.54E-04	30.51	0.00E+00	0	5.06E-04	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	3.14E-02	2.64E-05	6.13E-03	2.33E-05	2.42E-04	68.30	4.18E-06	1.18	1.08E-04	30.51	0.00E+00	0	3.54E-04	8.40E-06	3.10E-05	40	10	40	10
Metals	Antimony	2.40E+00	1.34E-02	3.84E-01	1.92E-02	1.84E-02	67.47	2.13E-03	7.80	6.76E-03	24.73	0.00E+00	0	2.73E-02	5.90E-02	5.90E-01	0.5	0.05	0.5	0.05
Metals	Boron	1.51E+03	2.27E+01	2.42E+01	4.83E+01	1.16E+01	74.30	3.59E+00	22.98	4.25E-01	2.72	0.00E+00	0	1.56E+01	2.80E+01	9.36E+01	0.6	0.2	0.6	0.2
Metals	Lead	2.67E+02	9.13E-01	1.17E+01	4.09E+00	2.05E+00	85.41	1.45E-01	6.02	2.06E-01	8.56	0.00E+00	0	2.40E+00	4.70E+00	8.90E+00	0.5	0.3	0.5	0.3
Metals	Manganese	2.50E+05	2.96E+03	3.42E+02	1.64E+03	1.92E+03	80.16	4.69E+02	19.59	6.02E+00	0.25	0.00E+00	0	2.40E+03	5.15E+01	1.46E+02	50	20	50	20
Metals	Mercury	1.80E+00	1.01E-02	7.20E-02	1.28E-04	1.38E-02	82.81	1.60E-03	9.60	1.27E-03	7.59	0.00E+00	0	1.67E-02	1.01E+00	1.01E+01	0.02	0.002	0.02	0.002
Metals	Vanadium	6.76E+01	4.92E-02	4.54E-01	2.66E-01	5.19E-01	97.05	7.79E-03	1.46	8.00E-03	1.49	0.00E+00	0	5.35E-01	4.16E+00	8.31E+00	0.1	0.06	0.1	0.06
OCPs	4,4'-DDE	3.50E+00	3.12E-02	5.74E+00	7.76E+01	2.69E-02	20.24	4.95E-03	3.72	1.01E-01	76.04	0.00E+00	0	1.33E-01	1.47E-01	7.35E-01	0.9	0.2	0.9	0.2
OCPs	4,4'-DDT	7.70E-01	9.99E-03	1.07E+00	2.49E+00	5.92E-03	22.51	1.58E-03	6.02	1.88E-02	71.47	0.00E+00	0	2.63E-02	1.47E-01	7.35E-01	0.2	0.04	0.2	0.04
OCPs	Calculated DDx (ND=0.5DL)	4.30E+00	3.65E-02	7.71E+00	3.72E+01	3.30E-02	18.94	5.78E-03	3.31	1.36E-01	77.75	0.00E+00	0	1.74E-01	1.47E-01	7.35E-01	**1**	0.2	**1**	0.2
OCPs	beta-BHC	8.70E-01	3.17E-02	3.65E+00	6.08E+00	6.68E-03	8.80	5.03E-03	6.61	6.43E-02	84.59	0.00E+00	0	7.60E-02	4.00E-01	2.00E+00	0.2	0.04	0.2	0.04
OCPs	Hexachlorobenzene	4.60E+00	1.05E-02	3.35E+01	1.47E+00	3.53E-02	5.64	1.67E-03	0.27	5.90E-01	94.10	0.00E+00	0	6.27E-01	1.60E+00	1.60E+01	0.4	0.04	0.4	0.04
PCBs	Calculated Total PCBs (ND=0.5DL)	8.59E-01	1.29E-03	9.71E-01	4.74E-04	6.60E-03	27.63	2.04E-04	0.85	1.71E-02	71.52	0.00E+00	0	2.39E-02	2.56E-01	1.27E+00	0.09	0.02	0.09	0.02
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.07E-04	1.60E-07	1.21E-04	5.91E-08	8.22E-07	27.63	2.54E-08	0.85	2.13E-06	71.52	0.00E+00	0	2.98E-06	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	5.98E-05	8.97E-08	6.76E-05	3.30E-08	4.60E-07	27.63	1.42E-08	0.85	1.19E-06	71.52	0.00E+00	0	1.66E-06	8.40E-06	3.10E-05	0.2	0.05	0.2	0.05
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	9.99E-03	22.42	3.09E-02	69.36	3.66E-03	8.22	0.00E+00	0	4.45E-02	2.63E+00	2.63E+01	0.02	0.002	0.02	0.002

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.57E+02	3.28E+01	5.68E+01	2.36E+01	1.21E+00	16.28	5.20E+00	70.22	9.99E-01	13.49	0.00E+00	0	7.41E+00	6.40E+00	3.20E+01	**1**	0.2	**1**	0.2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.87E-03	1.57E-06	3.65E-04	1.39E-06	1.44E-05	68.30	2.49E-07	1.18	6.42E-06	30.51	0.00E+00	0	2.10E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.11E-03	9.32E-07	2.16E-04	8.22E-07	8.52E-06	68.30	1.48E-07	1.18	3.81E-06	30.51	0.00E+00	0	1.25E-05	8.40E-06	3.10E-05	**1**	0.4	**1**	0.4
Metals	Antimony	4.41E-01	2.75E-03	7.06E-02	3.53E-03	3.39E-03	66.90	4.35E-04	8.58	1.24E-03	24.52	0.00E+00	0	5.07E-03	5.90E-02	5.90E-01	0.09	0.009	0.09	0.009
Metals	Boron	6.35E+01	9.53E-01	1.02E+00	2.03E+00	4.88E-01	74.30	1.51E-01	22.98	1.79E-02	2.72	0.00E+00	0	6.57E-01	2.80E+01	9.36E+01	0.02	0.007	0.02	0.007
Metals	Lead	1.98E+01	2.12E-01	1.43E+00	1.29E+00	1.52E-01	72.12	3.36E-02	15.93	2.52E-02	11.95	0.00E+00	0	2.11E-01	4.70E+00	8.90E+00	0.04	0.02	0.04	0.02
Metals	Manganese	8.69E+03	1.03E+02	3.46E+01	5.70E+01	6.68E+01	79.78	1.63E+01	19.49	6.09E-01	0.73	0.00E+00	0	8.37E+01	5.15E+01	1.46E+02	2	0.6	2	0.6
Metals	Mercury	1.02E-01	5.73E-04	4.08E-03	7.23E-06	7.83E-04	82.81	9.08E-05	9.60	7.17E-05	7.59	0.00E+00	0	9.45E-04	1.01E+00	1.01E+01	0.0009	0.00009	0.0009	0.00009
Metals	Vanadium	4.39E+01	3.19E-02	2.95E-01	1.73E-01	3.37E-01	97.05	5.05E-03	1.46	5.19E-03	1.49	0.00E+00	0	3.47E-01	4.16E+00	8.31E+00	0.08	0.04	0.08	0.04
OCPs	4,4'-DDE	1.88E-01	3.45E-03	4.36E-01	1.49E+01	1.44E-03	14.90	5.47E-04	5.66	7.68E-03	79.44	0.00E+00	0	9.67E-03	1.47E-01	7.35E-01	0.07	0.01	0.07	0.01
OCPs	4,4'-DDT	4.34E-02	1.15E-03	8.77E-02	4.07E-01	3.33E-04	16.19	1.82E-04	8.84	1.54E-03	74.97	0.00E+00	0	2.06E-03	1.47E-01	7.35E-01	0.01	0.003	0.01	0.003
OCPs	Calculated DDx (ND=0.5DL)	2.33E-01	4.07E-03	4.18E-01	2.02E+00	1.79E-03	18.30	6.45E-04	6.58	7.36E-03	75.12	0.00E+00	0	9.80E-03	1.47E-01	7.35E-01	0.07	0.01	0.07	0.01
OCPs	beta-BHC	7.18E-02	2.62E-03	3.01E-01	9.95E-01	5.51E-04	8.80	4.15E-04	6.61	5.30E-03	84.59	0.00E+00	0	6.27E-03	4.00E-01	2.00E+00	0.02	0.003	0.02	0.003
OCPs	Hexachlorobenzene	2.18E-01	4.99E-04	1.59E+00	6.98E-02	1.67E-03	5.64	7.91E-05	0.27	2.80E-02	94.10	0.00E+00	0	2.97E-02	1.60E+00	1.60E+01	0.02	0.002	0.02	0.002
PCBs	Calculated Total PCBs (ND=0.5DL)	1.95E-01	2.92E-04	2.20E-01	1.07E-04	1.49E-03	27.63	4.62E-05	0.85	3.87E-03	71.52	0.00E+00	0	5.41E-03	2.56E-01	1.27E+00	0.02	0.004	0.02	0.004
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	2.56E-05	3.84E-08	2.89E-05	1.41E-08	1.97E-07	27.63	6.09E-09	0.85	5.09E-07	71.52	0.00E+00	0	7.12E-07	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	1.51E-05	2.27E-08	1.71E-05	8.35E-09	1.16E-07	27.63	3.59E-09	0.85	3.01E-07	71.52	0.00E+00	0	4.20E-07	8.40E-06	3.10E-05	0.05	0.01	0.05	0.01
SVOCs	Octachlorostyrene	1.30E+00	1.95E-01	2.08E-01	4.16E-01	9.99E-03	22.42	3.09E-02	69.36	3.66E-03	8.22	0.00E+00	0	4.45E-02	2.63E+00	2.63E+01	0.02	0.002	0.02	0.002

TABLE I-2i: Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	7.79E+01	2.17E+01	2.82E+01	1.17E+01	5.98E-01	13.19	3.44E+00	75.88	4.96E-01	10.93	0.00E+00	0	4.54E+00	6.40E+00	3.20E+01	0.7	0.1	0.7	0.1
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.11E-03	9.30E-07	2.16E-04	8.20E-07	8.50E-06	68.30	1.47E-07	1.18	3.80E-06	30.51	0.00E+00	0	1.25E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	5.76E-04	4.84E-07	1.12E-04	4.27E-07	4.43E-06	68.30	7.67E-08	1.18	1.98E-06	30.51	0.00E+00	0	6.48E-06	8.40E-06	3.10E-05	0.8	0.2	0.8	0.2
Metals	Antimony	3.64E-01	2.29E-03	5.82E-02	2.91E-03	2.79E-03	66.83	3.63E-04	8.68	1.02E-03	24.50	0.00E+00	0	4.18E-03	5.90E-02	5.90E-01	0.07	0.007	0.07	0.007
Metals	Boron	2.88E+01	4.32E-01	4.61E-01	9.22E-01	2.21E-01	74.30	6.85E-02	22.98	8.11E-03	2.72	0.00E+00	0	2.98E-01	2.80E+01	9.36E+01	0.01	0.003	0.01	0.003
Metals	Lead	1.47E+01	1.79E-01	1.12E+00	1.13E+00	1.13E-01	70.05	2.84E-02	17.66	1.98E-02	12.29	0.00E+00	0	1.61E-01	4.70E+00	8.90E+00	0.03	0.02	0.03	0.02
Metals	Manganese	3.62E+03	4.29E+01	1.91E+01	2.38E+01	2.78E+01	79.59	6.80E+00	19.45	3.35E-01	0.96	0.00E+00	0	3.50E+01	5.15E+01	1.46E+02	0.7	0.2	0.7	0.2
Metals	Mercury	5.87E-02	3.30E-04	2.35E-03	4.17E-06	4.51E-04	82.81	5.23E-05	9.60	4.13E-05	7.59	0.00E+00	0	5.45E-04	1.01E+00	1.01E+01	0.0005	0.00005	0.0005	0.00005
Metals	Vanadium	4.20E+01	3.05E-02	2.82E-01	1.65E-01	3.22E-01	97.05	4.84E-03	1.46	4.96E-03	1.49	0.00E+00	0	3.32E-01	4.16E+00	8.31E+00	0.08	0.04	0.08	0.04
OCPs	4,4'-DDE	7.23E-02	1.69E-03	1.89E-01	8.69E+00	5.56E-04	13.41	2.67E-04	6.45	3.32E-03	80.14	0.00E+00	0	4.14E-03	1.47E-01	7.35E-01	0.03	0.006	0.03	0.006
OCPs	4,4'-DDT	1.81E-02	5.96E-04	4.11E-02	2.35E-01	1.39E-04	14.56	9.44E-05	9.86	7.24E-04	75.58	0.00E+00	0	9.57E-04	1.47E-01	7.35E-01	0.007	0.001	0.007	0.001
OCPs	Calculated DDx (ND=0.5DL)	9.52E-02	2.07E-03	1.71E-01	8.24E-01	7.31E-04	18.00	3.28E-04	8.09	3.00E-03	73.91	0.00E+00	0	4.06E-03	1.47E-01	7.35E-01	0.03	0.006	0.03	0.006
OCPs	beta-BHC	4.42E-02	1.61E-03	1.85E-01	7.00E-01	3.39E-04	8.80	2.55E-04	6.61	3.26E-03	84.59	0.00E+00	0	3.86E-03	4.00E-01	2.00E+00	0.01	0.002	0.01	0.002
OCPs	Hexachlorobenzene	1.49E-01	3.40E-04	1.08E+00	4.76E-02	1.14E-03	5.64	5.39E-05	0.27	1.91E-02	94.10	0.00E+00	0	2.03E-02	1.60E+00	1.60E+01	0.01	0.001	0.01	0.001
PCBs	Calculated Total PCBs (ND=0.5DL)	1.25E-01	1.87E-04	1.41E-01	6.89E-05	9.59E-04	27.63	2.97E-05	0.85	2.48E-03	71.52	0.00E+00	0	3.47E-03	2.56E-01	1.27E+00	0.01	0.003	0.01	0.003
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	1.73E-05	2.59E-08	1.95E-05	9.54E-09	1.33E-07	27.63	4.11E-09	0.85	3.44E-07	71.52	0.00E+00	0	4.81E-07	NA	NA	NA	NA	NA	NA
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	9.55E-06	1.43E-08	1.08E-05	5.27E-09	7.34E-08	27.63	2.27E-09	0.85	1.90E-07	71.52	0.00E+00	0	2.66E-07	8.40E-06	3.10E-05	0.03	0.009	0.03	0.009
SVOCs	Octachlorostyrene	6.60E-01	9.90E-02	1.06E-01	2.11E-01	5.07E-03	22.42	1.57E-02	69.36	1.86E-03	8.22	0.00E+00	0	2.26E-02	2.63E+00	2.63E+01	0.009	0.0009	0.009	0.0009

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	1.64E-03	66.63	2.20E-04	8.94	6.01E-04	24.42	0.00E+00	0	2.46E-03	5.90E-02	5.90E-01	0.04	0.004	0.04	0.004
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	3.29E-02	74.30	1.02E-02	22.98	1.21E-03	2.72	0.00E+00	0	4.43E-02	2.80E+01	9.36E+01	0.002	0.0005	0.002	0.0005
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	7.10E-02	66.63	2.19E-02	20.58	1.36E-02	12.79	0.00E+00	0	1.07E-01	4.70E+00	8.90E+00	0.02	0.01	0.02	0.01
Metals	Manganese	4.37E+02	5.18E+00	4.50E+00	2.87E+00	3.36E+00	78.87	8.20E-01	19.27	7.93E-02	1.86	0.00E+00	0	4.26E+00	5.15E+01	1.46E+02	0.08	0.03	0.08	0.03
Metals	Mercury	2.14E-02	1.21E-04	8.58E-04	1.52E-06	1.65E-04	82.81	1.91E-05	9.60	1.51E-05	7.59	0.00E+00	0	1.99E-04	1.01E+00	1.01E+01	0.0002	0.00002	0.0002	0.00002
Metals	Vanadium	4.06E+01	2.96E-02	2.73E-01	1.60E-01	3.12E-01	97.05	4.68E-03	1.46	4.81E-03	1.49	0.00E+00	0	3.22E-01	4.16E+00	8.31E+00	0.08	0.04	0.08	0.04
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Hexachlorobenzene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.60E+00	1.60E+01	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated Total PCBs (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.56E-01	1.27E+00	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
PCBs	Calculated PCB Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
SVOCs	Octachlorostyrene	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.63E+00	2.63E+01	No BKG	No BKG	No BKG	No BKG

TABLE I-2i: Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse: Eco DU-1
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

APPENDIX I-3
ECO DU-2

Table I-3a Potential Daily Dose and Hazard Quotients for Coppers Hawk: Eco DU-2

Table I-3b Potential Daily Dose and Hazard Quotients for Kit Fox: Eco DU-2

Table I-3c Potential Daily Dose and Hazard Quotients for Western Burrowing Owl: Eco DU-2

Table I-3d Potential Daily Dose and Hazard Quotients for American Robin: Eco DU-2

Table I-3e Potential Daily Dose and Hazard Quotients for Desert Shrew: Eco DU-2

Table I-3f Potential Daily Dose and Hazard Quotients for Fringed Myotis: Eco DU-2

Table I-3g Potential Daily Dose and Hazard Quotients for Raccoon: Eco DU-2

Table I-3h Potential Daily Dose and Hazard Quotients for Mourning Dove: Eco DU-2

Table I-3i Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse: Eco DU-2

TABLE I-3a: Potential Daily Dose and Hazard Quotients for Coopers Hawk: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.43E+01	1.34E+01	1.24E+01	5.16E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	8.51E-01	100	8.51E-01	1.30E+01	2.60E+01	0.07	0.03	0.007	0.003
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	3.67E-04	3.09E-07	7.17E-05	2.72E-07	0.00E+00	0	0.00E+00	0	0.00E+00	0	4.49E-08	100	4.49E-08	1.40E-05	1.40E-04	0.003	0.0003	0.0003	0.00003
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.69E-04	1.42E-07	3.29E-05	1.25E-07	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.06E-08	100	2.06E-08	NA	NA	NA	NA	NA	NA
Metals	Antimony	2.20E+00	1.24E-02	3.52E-01	1.76E-02	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.90E-03	100	2.90E-03	NC	NC	NC	NC	NC	NC
Metals	Boron	1.12E+02	1.68E+00	1.79E+00	3.58E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	5.91E-01	100	5.91E-01	2.88E+01	1.00E+02	0.02	0.006	0.002	0.0006
Metals	Cadmium	8.88E+00	3.07E-01	1.10E-01	2.55E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	4.21E-02	100	4.21E-02	1.47E+00	7.80E+00	0.03	0.005	0.003	0.0005
Metals	Lead	1.12E+02	5.61E-01	5.80E+00	2.78E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	4.59E-01	100	4.59E-01	1.63E+00	3.26E+00	0.3	0.1	0.03	0.01
OCPs	4,4'-DDE	9.10E-01	1.13E-02	1.75E+00	3.63E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	5.98E+00	100	5.98E+00	2.27E-01	2.27E+00	30	3	3	0.3
OCPs	4,4'-DDT	6.10E-01	8.39E-03	8.72E-01	2.15E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.55E-01	100	3.55E-01	2.27E-01	2.27E+00	2	0.2	0.2	0.02
OCPs	Calculated DDx (ND=0.5DL)	1.56E+00	1.70E-02	2.80E+00	1.35E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.23E+00	100	2.23E+00	2.27E-01	2.27E+00	10	**1**	**1**	0.1
OCPs	beta-BHC	1.50E-01	5.47E-03	6.30E-01	1.70E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.80E-01	100	2.80E-01	5.60E-01	2.25E+00	0.5	0.1	0.05	0.01

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	8.32E+00	5.82E+00	3.01E+00	1.25E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.07E-01	100	2.07E-01	1.30E+01	2.60E+01	0.02	0.008	0.002	0.0008
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	6.31E-05	5.30E-08	1.23E-05	4.68E-08	0.00E+00	0	0.00E+00	0	0.00E+00	0	7.72E-09	100	7.72E-09	1.40E-05	1.40E-04	0.0006	0.00006	0.00006	0.000006
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.79E-05	2.34E-08	5.43E-06	2.06E-08	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.41E-09	100	3.41E-09	NA	NA	NA	NA	NA	NA
Metals	Antimony	9.50E-01	5.64E-03	1.52E-01	7.60E-03	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.25E-03	100	1.25E-03	NC	NC	NC	NC	NC	NC
Metals	Boron	3.16E+01	4.74E-01	5.06E-01	1.01E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.67E-01	100	1.67E-01	2.88E+01	1.00E+02	0.006	0.002	0.0006	0.0002
Metals	Cadmium	1.56E+00	1.19E-01	2.75E-02	1.12E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.85E-02	100	1.85E-02	1.47E+00	7.80E+00	0.01	0.002	0.001	0.0002
Metals	Lead	2.89E+01	2.62E-01	1.94E+00	1.53E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.52E-01	100	2.52E-01	1.63E+00	3.26E+00	0.2	0.08	0.02	0.008
OCPs	4,4'-DDE	2.46E-01	4.24E-03	5.54E-01	1.73E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.86E+00	100	2.86E+00	2.27E-01	2.27E+00	10	**1**	**1**	0.1
OCPs	4,4'-DDT	1.43E-01	2.82E-03	2.48E-01	8.64E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.42E-01	100	1.42E-01	2.27E-01	2.27E+00	0.6	0.06	0.06	0.006
OCPs	Calculated DDx (ND=0.5DL)	3.60E-01	5.64E-03	6.46E-01	3.12E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	5.15E-01	100	5.15E-01	2.27E-01	2.27E+00	2	0.2	0.2	0.02
OCPs	beta-BHC	4.04E-02	1.47E-03	1.70E-01	6.56E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.08E-01	100	1.08E-01	5.60E-01	2.25E+00	0.2	0.05	0.02	0.005

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+00	4.03E+00	1.61E+00	6.72E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.11E-01	100	1.11E-01	1.30E+01	2.60E+01	0.009	0.004	0.0009	0.0004
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	2.36E-05	1.98E-08	4.60E-06	1.75E-08	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.88E-09	100	2.88E-09	1.40E-05	1.40E-04	0.0002	0.00002	0.00002	0.000002
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.03E-05	8.67E-09	2.01E-06	7.65E-09	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.26E-09	100	1.26E-09	NA	NA	NA	NA	NA	NA
Metals	Antimony	7.16E-01	4.32E-03	1.15E-01	5.73E-03	0.00E+00	0	0.00E+00	0	0.00E+00	0	9.45E-04	100	9.45E-04	NC	NC	NC	NC	NC	NC
Metals	Boron	1.88E+01	2.82E-01	3.01E-01	6.02E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	9.93E-02	100	9.93E-02	2.88E+01	1.00E+02	0.003	0.001	0.0003	0.0001
Metals	Cadmium	4.97E-01	6.37E-02	1.11E-02	6.54E-02	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.08E-02	100	1.08E-02	1.47E+00	7.80E+00	0.007	0.001	0.0007	0.0001
Metals	Lead	1.70E+01	1.95E-01	1.26E+00	1.21E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.99E-01	100	1.99E-01	1.63E+00	3.26E+00	0.1	0.06	0.01	0.006
OCPs	4,4'-DDE	5.66E-02	1.40E-03	1.52E-01	7.56E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.25E+00	100	1.25E+00	2.27E-01	2.27E+00	5	0.5	0.5	0.05
OCPs	4,4'-DDT	4.16E-02	1.11E-03	8.45E-02	3.96E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.53E-02	100	6.53E-02	2.27E-01	2.27E+00	0.3	0.03	0.03	0.003
OCPs	Calculated DDx (ND=0.5DL)	1.02E-01	2.19E-03	1.84E-01	8.87E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.46E-01	100	1.46E-01	2.27E-01	2.27E+00	0.6	0.06	0.06	0.006
OCPs	beta-BHC	1.55E-02	5.65E-04	6.51E-02	3.28E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	5.41E-02	100	5.41E-02	5.60E-01	2.25E+00	0.1	0.02	0.01	0.002

TABLE I-3a: Potential Daily Dose and Hazard Quotients for Coopers Hawk: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

BACKGROUND CONCENTRATIONS																			
Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.30E+01	2.60E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.82E-04	100	2.82E-04	NC	NC	NC	NC	NC	NC
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.26E-02	100	2.26E-02	2.88E+01	1.00E+02	0.0008	0.0002	0.0008	0.0002
Metals	Cadmium	6.46E-02	2.09E-02	2.19E-03	2.50E-02	0.00E+00	0	0.00E+00	0	0.00E+00	0	4.12E-03	100	4.12E-03	1.47E+00	7.80E+00	0.003	0.0005	0.003	0.0005
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.52E-01	100	1.52E-01	1.63E+00	3.26E+00	0.09	0.05	0.09	0.05
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	5.60E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NA = Not applicable
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-3b: Potential Daily Dose and Hazard Quotients for Kit Fox: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.018) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.43E+01	1.34E+01	1.24E+01	5.16E+00	2.84E-02	5.29	0.00E+00	0	0.00E+00	0	5.07E-01	94.71	5.36E-01	6.40E+00	3.20E+01	0.08	0.02	0.002	0.0003
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	3.67E-04	3.09E-07	7.17E-05	2.72E-07	3.04E-07	91.90	0.00E+00	0	0.00E+00	0	2.68E-08	8.10	3.31E-07	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.69E-04	1.42E-07	3.29E-05	1.25E-07	1.39E-07	91.90	0.00E+00	0	0.00E+00	0	1.23E-08	8.10	1.52E-07	8.40E-06	3.10E-05	0.02	0.005	0.0003	0.00009
Metals	Antimony	2.20E+00	1.24E-02	3.52E-01	1.76E-02	1.82E-03	51.24	0.00E+00	0	0.00E+00	0	1.73E-03	48.76	3.55E-03	5.90E-02	5.90E-01	0.06	0.006	0.001	0.0001
Metals	Boron	1.12E+02	1.68E+00	1.79E+00	3.58E+00	9.26E-02	20.81	0.00E+00	0	0.00E+00	0	3.52E-01	79.19	4.45E-01	2.80E+01	9.36E+01	0.02	0.005	0.0003	0.00009
Metals	Cadmium	8.88E+00	3.07E-01	1.10E-01	2.55E-01	7.34E-03	22.63	0.00E+00	0	0.00E+00	0	2.51E-02	77.37	3.24E-02	7.70E-01	7.70E+00	0.04	0.004	0.0008	0.0004
Metals	Lead	1.12E+02	5.61E-01	5.80E+00	2.78E+00	9.26E-02	25.29	0.00E+00	0	0.00E+00	0	2.74E-01	74.71	3.66E-01	4.70E+00	8.90E+00	0.08	0.04	0.001	0.0007
OCPs	4,4'-DDE	9.10E-01	1.13E-02	1.75E+00	3.63E+01	7.52E-04	0.02	0.00E+00	0	0.00E+00	0	3.57E+00	99.98	3.57E+00	1.47E-01	7.35E-01	20	5	0.4	0.09
OCPs	4,4'-DDT	6.10E-01	8.39E-03	8.72E-01	2.15E+00	5.04E-04	0.24	0.00E+00	0	0.00E+00	0	2.12E-01	99.76	2.12E-01	1.47E-01	7.35E-01	**1**	0.3	0.03	0.005
OCPs	Calculated DDx (ND=0.5DL)	1.56E+00	1.70E-02	2.80E+00	1.35E+01	1.29E-03	0.10	0.00E+00	0	0.00E+00	0	1.33E+00	99.90	1.33E+00	1.47E-01	7.35E-01	9	2	0.2	0.03
OCPs	beta-BHC	1.50E-01	5.47E-03	6.30E-01	1.70E+00	1.24E-04	0.07	0.00E+00	0	0.00E+00	0	1.67E-01	99.93	1.67E-01	4.00E-01	2.00E+00	0.4	0.08	0.008	0.002

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.018) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	8.32E+00	5.82E+00	3.01E+00	1.25E+00	6.88E-03	5.29	0.00E+00	0	0.00E+00	0	1.23E-01	94.71	1.30E-01	6.40E+00	3.20E+01	0.02	0.004	0.0004	0.00007
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	6.31E-05	5.30E-08	1.23E-05	4.68E-08	5.22E-08	91.90	0.00E+00	0	0.00E+00	0	4.60E-09	8.10	5.68E-08	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.79E-05	2.34E-08	5.43E-06	2.06E-08	2.30E-08	91.90	0.00E+00	0	0.00E+00	0	2.03E-09	8.10	2.51E-08	8.40E-06	3.10E-05	0.003	0.0008	0.00005	0.00001
Metals	Antimony	9.50E-01	5.64E-03	1.52E-01	7.60E-03	7.85E-04	51.24	0.00E+00	0	0.00E+00	0	7.47E-04	48.76	1.53E-03	5.90E-02	5.90E-01	0.03	0.003	0.0005	0.00005
Metals	Boron	3.16E+01	4.74E-01	5.06E-01	1.01E+00	2.61E-02	20.81	0.00E+00	0	0.00E+00	0	9.95E-02	79.19	1.26E-01	2.80E+01	9.36E+01	0.004	0.001	0.00008	0.00002
Metals	Cadmium	1.56E+00	1.19E-01	2.75E-02	1.12E-01	1.29E-03	10.45	0.00E+00	0	0.00E+00	0	1.10E-02	89.55	1.23E-02	7.70E-01	7.70E+00	0.02	0.002	0.0003	0.0002
Metals	Lead	2.89E+01	2.62E-01	1.94E+00	1.53E+00	2.39E-02	13.72	0.00E+00	0	0.00E+00	0	1.50E-01	86.28	1.74E-01	4.70E+00	8.90E+00	0.04	0.02	0.0007	0.0004
OCPs	4,4'-DDE	2.46E-01	4.24E-03	5.54E-01	1.73E+01	2.03E-04	0.01	0.00E+00	0	0.00E+00	0	1.70E+00	99.99	1.70E+00	1.47E-01	7.35E-01	10	2	0.2	0.04
OCPs	4,4'-DDT	1.43E-01	2.82E-03	2.48E-01	8.64E-01	1.18E-04	0.14	0.00E+00	0	0.00E+00	0	8.49E-02	99.86	8.50E-02	1.47E-01	7.35E-01	0.6	0.1	0.01	0.002
OCPs	Calculated DDx (ND=0.5DL)	3.60E-01	5.64E-03	6.46E-01	3.12E+00	2.98E-04	0.10	0.00E+00	0	0.00E+00	0	3.07E-01	99.90	3.07E-01	1.47E-01	7.35E-01	2	0.4	0.04	0.008
OCPs	beta-BHC	4.04E-02	1.47E-03	1.70E-01	6.56E-01	3.34E-05	0.05	0.00E+00	0	0.00E+00	0	6.45E-02	99.95	6.45E-02	4.00E-01	2.00E+00	0.2	0.03	0.003	0.0006

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.018) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+00	4.03E+00	1.61E+00	6.72E-01	3.69E-03	5.29	0.00E+00	0	0.00E+00	0	6.60E-02	94.71	6.97E-02	6.40E+00	3.20E+01	0.01	0.002	0.0002	0.00004
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	2.36E-05	1.98E-08	4.60E-06	1.75E-08	1.95E-08	91.90	0.00E+00	0	0.00E+00	0	1.72E-09	8.10	2.12E-08	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.03E-05	8.67E-09	2.01E-06	7.65E-09	8.53E-09	91.90	0.00E+00	0	0.00E+00	0	7.52E-10	8.10	9.29E-09	8.40E-06	3.10E-05	0.001	0.0003	0.00002	0.000005
Metals	Antimony	7.16E-01	4.32E-03	1.15E-01	5.73E-03	5.92E-04	51.24	0.00E+00	0	0.00E+00	0	5.63E-04	48.76	1.16E-03	5.90E-02	5.90E-01	0.02	0.002	0.0004	0.00004
Metals	Boron	1.88E+01	2.82E-01	3.01E-01	6.02E-01	1.56E-02	20.81	0.00E+00	0	0.00E+00	0	5.92E-02	79.19	7.48E-02	2.80E+01	9.36E+01	0.003	0.0008	0.00005	0.00001
Metals	Cadmium	4.97E-01	6.37E-02	1.11E-02	6.54E-02	4.11E-04	6.00	0.00E+00	0	0.00E+00	0	6.43E-03	94.00	6.84E-03	7.70E-01	7.70E+00	0.009	0.0009	0.0002	0.00009
Metals	Lead	1.70E+01	1.95E-01	1.26E+00	1.21E+00	1.40E-02	10.57	0.00E+00	0	0.00E+00	0	1.19E-01	89.43	1.33E-01	4.70E+00	8.90E+00	0.03	0.01	0.0005	0.0003
OCPs	4,4'-DDE	5.66E-02	1.40E-03	1.52E-01	7.56E+00	4.68E-05	0.01	0.00E+00	0	0.00E+00	0	7.44E-01	99.99	7.44E-01	1.47E-01	7.35E-01	5	**1**	0.09	0.02
OCPs	4,4'-DDT	4.16E-02	1.11E-03	8.45E-02	3.96E-01	3.44E-05	0.09	0.00E+00	0	0.00E+00	0	3.89E-02	99.91	3.89E-02	1.47E-01	7.35E-01	0.3	0.05	0.005	0.001
OCPs	Calculated DDx (ND=0.5DL)	1.02E-01	2.19E-03	1.84E-01	8.87E-01	8.47E-05	0.10	0.00E+00	0	0.00E+00	0	8.72E-02	99.90	8.72E-02	1.47E-01	7.35E-01	0.6	0.1	0.01	0.002
OCPs	beta-BHC	1.55E-02	5.65E-04	6.51E-02	3.28E-01	1.28E-05	0.04	0.00E+00	0	0.00E+00	0	3.22E-02	99.96	3.22E-02	4.00E-01	2.00E+00	0.08	0.02	0.001	0.0003

TABLE I-3b: Potential Daily Dose and Hazard Quotients for Kit Fox: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

BACKGROUND CONCENTRATIONS																		
		Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
Group	Chemical	Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	1.76E-04	51.24	0.00E+00	0	0.00E+00	0	1.68E-04	48.76	3.44E-04	5.90E-02	5.90E-01	0.006	0.0006	0.006	0.0006
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	3.54E-03	20.81	0.00E+00	0	0.00E+00	0	1.35E-02	79.19	1.70E-02	2.80E+01	9.36E+01	0.0006	0.0002	0.0006	0.0002
Metals	Cadmium	6.46E-02	2.09E-02	2.19E-03	2.50E-02	5.34E-05	2.13	0.00E+00	0	0.00E+00	0	2.45E-03	97.87	2.51E-03	7.70E-01	7.70E+00	0.003	0.0003	0.003	0.0003
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	7.64E-03	7.76	0.00E+00	0	0.00E+00	0	9.07E-02	92.24	9.84E-02	4.70E+00	8.90E+00	0.02	0.01	0.02	0.01
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NA = Not applicable
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-3c: Potential Daily Dose and Hazard Quotients for Western Burrowing Owl: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.18) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.43E+01	1.34E+01	1.24E+01	5.16E+00	1.48E-01	4.64	0.00E+00	0	2.67E+00	83.75	3.71E-01	11.61	3.19E+00	1.30E+01	2.60E+01	0.2	0.1	0.04	0.02
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	3.67E-04	3.09E-07	7.17E-05	2.72E-07	1.59E-06	9.30	0.00E+00	0	1.54E-05	90.59	1.96E-08	0.11	1.70E-05	1.40E-05	1.40E-04	**1**	0.1	0.2	0.02
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.69E-04	1.42E-07	3.29E-05	1.25E-07	7.28E-07	9.30	0.00E+00	0	7.09E-06	90.59	8.98E-09	0.11	7.82E-06	NA	NA	NA	NA	NA	NA
Metals	Antimony	2.20E+00	1.24E-02	3.52E-01	1.76E-02	9.49E-03	10.96	0.00E+00	0	7.59E-02	87.58	1.26E-03	1.46	8.66E-02	NC	NC	NC	NC	NC	NC
Metals	Boron	1.12E+02	1.68E+00	1.79E+00	3.58E+00	4.83E-01	42.88	0.00E+00	0	3.86E-01	34.27	2.57E-01	22.85	1.13E+00	2.88E+01	1.00E+02	0.04	0.01	0.007	0.002
Metals	Cadmium	8.88E+00	3.07E-01	1.10E-01	2.55E-01	3.83E-02	47.7	0.00E+00	0	2.36E-02	29.43	1.83E-02	22.85	8.03E-02	1.47E+00	7.80E+00	0.05	0.01	0.01	0.002
Metals	Lead	1.12E+02	5.61E-01	5.80E+00	2.78E+00	4.83E-01	25.01	0.00E+00	0	1.25E+00	64.65	2.00E-01	10.34	1.93E+00	1.63E+00	3.26E+00	**1**	0.6	0.2	0.1
OCPs	4,4'-DDE	9.10E-01	1.13E-02	1.75E+00	3.63E+01	3.93E-03	0.13	0.00E+00	0	3.78E-01	12.65	2.61E+00	87.22	2.99E+00	2.27E-01	2.27E+00	10	**1**	2	0.2
OCPs	4,4'-DDT	6.10E-01	8.39E-03	8.72E-01	2.15E+00	2.63E-03	0.76	0.00E+00	0	1.88E-01	54.44	1.55E-01	44.80	3.45E-01	2.27E-01	2.27E+00	2	0.2	0.3	0.03
OCPs	Calculated DDx (ND=0.5DL)	1.56E+00	1.70E-02	2.80E+00	1.35E+01	6.75E-03	0.43	0.00E+00	0	6.04E-01	38.15	9.72E-01	61.42	1.58E+00	2.27E-01	2.27E+00	7	0.7	**1**	0.1
OCPs	beta-BHC	1.50E-01	5.47E-03	6.30E-01	1.70E+00	6.47E-04	0.25	0.00E+00	0	1.36E-01	52.51	1.22E-01	47.24	2.58E-01	5.60E-01	2.25E+00	0.5	0.1	0.08	0.02

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.18) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	8.32E+00	5.82E+00	3.01E+00	1.25E+00	3.59E-02	4.64	0.00E+00	0	6.49E-01	83.75	8.99E-02	11.61	7.75E-01	1.30E+01	2.60E+01	0.06	0.03	0.01	0.005
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	6.31E-05	5.30E-08	1.23E-05	4.68E-08	2.72E-07	9.30	0.00E+00	0	2.65E-06	90.59	3.36E-09	0.11	2.93E-06	1.40E-05	1.40E-04	0.2	0.02	0.04	0.004
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.79E-05	2.34E-08	5.43E-06	2.06E-08	1.20E-07	9.30	0.00E+00	0	1.17E-06	90.59	1.48E-09	0.11	1.29E-06	NA	NA	NA	NA	NA	NA
Metals	Antimony	9.50E-01	5.64E-03	1.52E-01	7.60E-03	4.10E-03	10.96	0.00E+00	0	3.28E-02	87.58	5.46E-04	1.46	3.74E-02	NC	NC	NC	NC	NC	NC
Metals	Boron	3.16E+01	4.74E-01	5.06E-01	1.01E+00	1.36E-01	42.88	0.00E+00	0	1.09E-01	34.27	7.27E-02	22.85	3.18E-01	2.88E+01	1.00E+02	0.01	0.003	0.002	0.0006
Metals	Cadmium	1.56E+00	1.19E-01	2.75E-02	1.12E-01	6.72E-03	32.45	0.00E+00	0	5.92E-03	28.60	8.06E-03	38.94	2.07E-02	1.47E+00	7.80E+00	0.01	0.003	0.003	0.0005
Metals	Lead	2.89E+01	2.62E-01	1.94E+00	1.53E+00	1.25E-01	19.09	0.00E+00	0	4.19E-01	64.10	1.10E-01	16.81	6.53E-01	1.63E+00	3.26E+00	0.4	0.2	0.07	0.04
OCPs	4,4'-DDE	2.46E-01	4.24E-03	5.54E-01	1.73E+01	1.06E-03	0.08	0.00E+00	0	1.19E-01	8.75	1.25E+00	91.18	1.37E+00	2.27E-01	2.27E+00	6	0.6	**1**	0.1
OCPs	4,4'-DDT	1.43E-01	2.82E-03	2.48E-01	8.64E-01	6.18E-04	0.53	0.00E+00	0	5.34E-02	45.99	6.20E-02	53.47	1.16E-01	2.27E-01	2.27E+00	0.5	0.05	0.09	0.009
OCPs	Calculated DDx (ND=0.5DL)	3.60E-01	5.64E-03	6.46E-01	3.12E+00	1.55E-03	0.43	0.00E+00	0	1.39E-01	38.15	2.24E-01	61.42	3.65E-01	2.27E-01	2.27E+00	2	0.2	0.3	0.03
OCPs	beta-BHC	4.04E-02	1.47E-03	1.70E-01	6.56E-01	1.74E-04	0.21	0.00E+00	0	3.65E-02	43.58	4.71E-02	56.21	8.39E-02	5.60E-01	2.25E+00	0.1	0.04	0.03	0.007

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.18) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+00	4.03E+00	1.61E+00	6.72E-01	1.93E-02	4.64	0.00E+00	0	3.48E-01	83.75	4.83E-02	11.61	4.16E-01	1.30E+01	2.60E+01	0.03	0.02	0.006	0.003
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	2.36E-05	1.98E-08	4.60E-06	1.75E-08	1.02E-07	9.30	0.00E+00	0	9.91E-07	90.59	1.26E-09	0.11	1.09E-06	1.40E-05	1.40E-04	0.08	0.008	0.01	0.001
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.03E-05	8.67E-09	2.01E-06	7.65E-09	4.45E-08	9.30	0.00E+00	0	4.34E-07	90.59	5.50E-10	0.11	4.79E-07	NA	NA	NA	NA	NA	NA
Metals	Antimony	7.16E-01	4.32E-03	1.15E-01	5.73E-03	3.09E-03	10.96	0.00E+00	0	2.47E-02	87.58	4.12E-04	1.46	2.82E-02	NC	NC	NC	NC	NC	NC
Metals	Boron	1.88E+01	2.82E-01	3.01E-01	6.02E-01	8.12E-02	42.88	0.00E+00	0	6.49E-02	34.27	4.33E-02	22.85	1.89E-01	2.88E+01	1.00E+02	0.007	0.002	0.001	0.0003
Metals	Cadmium	4.97E-01	6.37E-02	1.11E-02	6.54E-02	2.14E-03	23.22	0.00E+00	0	2.39E-03	25.86	4.70E-03	50.92	9.23E-03	1.47E+00	7.80E+00	0.006	0.001	0.001	0.0002
Metals	Lead	1.70E+01	1.95E-01	1.26E+00	1.21E+00	7.32E-02	16.93	0.00E+00	0	2.73E-01	63.00	8.68E-02	20.06	4.33E-01	1.63E+00	3.26E+00	0.3	0.1	0.05	0.02
OCPs	4,4'-DDE	5.66E-02	1.40E-03	1.52E-01	7.56E+00	2.44E-04	0.04	0.00E+00	0	3.28E-02	5.68	5.43E-01	94.28	5.76E-01	2.27E-01	2.27E+00	3	0.3	0.5	0.05
OCPs	4,4'-DDT	4.16E-02	1.11E-03	8.45E-02	3.96E-01	1.79E-04	0.38	0.00E+00	0	1.82E-02	38.88	2.84E-02	60.73	4.68E-02	2.27E-01	2.27E+00	0.2	0.02	0.04	0.004
OCPs	Calculated DDx (ND=0.5DL)	1.02E-01	2.19E-03	1.84E-01	8.87E-01	4.42E-04	0.43	0.00E+00	0	3.96E-02	38.15	6.37E-02	61.42	1.04E-01	2.27E-01	2.27E+00	0.5	0.05	0.08	0.008
OCPs	beta-BHC	1.55E-02	5.65E-04	6.51E-02	3.28E-01	6.69E-05	0.18	0.00E+00	0	1.40E-02	37.28	2.35E-02	62.55	3.76E-02	5.60E-01	2.25E+00	0.07	0.02	0.01	0.003

TABLE I-3c: Potential Daily Dose and Hazard Quotients for Western Burrowing Owl: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

BACKGROUND CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.30E+01	2.60E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	9.21E-04	10.96	0.00E+00	0	7.36E-03	87.58	1.23E-04	1.46	8.41E-03	NC	NC	NC	NC	NC	NC
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	1.85E-02	42.88	0.00E+00	0	1.48E-02	34.27	9.86E-03	22.85	4.31E-02	2.88E+01	1.00E+02	0.001	0.0004	0.001	0.0004
Metals	Cadmium	6.46E-02	2.09E-02	2.19E-03	2.50E-02	2.79E-04	10.95	0.00E+00	0	4.71E-04	18.54	1.79E-03	70.51	2.54E-03	1.47E+00	7.80E+00	0.002	0.0003	0.002	0.0003
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	3.99E-02	14.60	0.00E+00	0	1.67E-01	61.10	6.63E-02	24.29	2.73E-01	1.63E+00	3.26E+00	0.2	0.08	0.2	0.08
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	5.60E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-3d: Potential Daily Dose and Hazard Quotients for American Robin: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.43E+01	1.34E+01	1.24E+01	5.16E+00	2.07E-01	1.31	8.07E+00	51.26	7.47E+00	47.43	0.00E+00	0	1.58E+01	1.30E+01	2.60E+01	**1**	0.6	**1**	0.6
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	3.67E-04	3.09E-07	7.17E-05	2.72E-07	2.21E-06	4.86	1.86E-07	0.41	4.32E-05	94.74	0.00E+00	0	4.56E-05	1.40E-05	1.40E-04	3	0.3	3	0.3
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.69E-04	1.42E-07	3.29E-05	1.25E-07	1.02E-06	4.86	8.53E-08	0.41	1.98E-05	94.74	0.00E+00	0	2.09E-05	NA	NA	NA	NA	NA	NA
Metals	Antimony	2.20E+00	1.24E-02	3.52E-01	1.76E-02	1.33E-02	5.69	7.47E-03	3.21	2.12E-01	91.10	0.00E+00	0	2.33E-01	NC	NC	NC	NC	NC	NC
Metals	Boron	1.12E+02	1.68E+00	1.79E+00	3.58E+00	6.75E-01	24.38	1.01E+00	36.59	1.08E+00	39.03	0.00E+00	0	2.77E+00	2.88E+01	1.00E+02	0.1	0.03	0.1	0.03
Metals	Cadmium	8.88E+00	3.07E-01	1.10E-01	2.55E-01	5.35E-02	17.55	1.85E-01	60.77	6.61E-02	21.68	0.00E+00	0	3.05E-01	1.47E+00	7.80E+00	0.2	0.04	0.2	0.04
Metals	Lead	1.12E+02	5.61E-01	5.80E+00	2.78E+00	6.75E-01	14.97	3.38E-01	7.50	3.49E+00	77.52	0.00E+00	0	4.50E+00	1.63E+00	3.26E+00	3	**1**	3	**1**
OCPs	4,4'-DDE	9.10E-01	1.13E-02	1.75E+00	3.63E+01	5.48E-03	0.51	6.83E-03	0.64	1.06E+00	98.85	0.00E+00	0	1.07E+00	2.27E-01	2.27E+00	5	0.5	5	0.5
OCPs	4,4'-DDT	6.10E-01	8.39E-03	8.72E-01	2.15E+00	3.67E-03	0.69	5.05E-03	0.95	5.25E-01	98.37	0.00E+00	0	5.34E-01	2.27E-01	2.27E+00	2	0.2	2	0.2
OCPs	Calculated DDx (ND=0.5DL)	1.56E+00	1.70E-02	2.80E+00	1.35E+01	9.42E-03	0.55	1.03E-02	0.60	1.69E+00	98.85	0.00E+00	0	1.71E+00	2.27E-01	2.27E+00	8	0.8	8	0.8
OCPs	beta-BHC	1.50E-01	5.47E-03	6.30E-01	1.70E+00	9.03E-04	0.24	3.30E-03	0.86	3.79E-01	98.91	0.00E+00	0	3.84E-01	5.60E-01	2.25E+00	0.7	0.2	0.7	0.2

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	8.32E+00	5.82E+00	3.01E+00	1.25E+00	5.01E-02	0.93	3.51E+00	65.30	1.81E+00	33.77	0.00E+00	0	5.37E+00	1.30E+01	2.60E+01	0.4	0.2	0.4	0.2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	6.31E-05	5.30E-08	1.23E-05	4.68E-08	3.80E-07	4.86	3.19E-08	0.41	7.41E-06	94.74	0.00E+00	0	7.83E-06	1.40E-05	1.40E-04	0.6	0.06	0.6	0.06
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.79E-05	2.34E-08	5.43E-06	2.06E-08	1.68E-07	4.86	1.41E-08	0.41	3.27E-06	94.74	0.00E+00	0	3.46E-06	NA	NA	NA	NA	NA	NA
Metals	Antimony	9.50E-01	5.64E-03	1.52E-01	7.60E-03	5.72E-03	5.68	3.40E-03	3.37	9.16E-02	90.94	0.00E+00	0	1.01E-01	NC	NC	NC	NC	NC	NC
Metals	Boron	3.16E+01	4.74E-01	5.06E-01	1.01E+00	1.91E-01	24.38	2.86E-01	36.59	3.05E-01	39.03	0.00E+00	0	7.81E-01	2.88E+01	1.00E+02	0.03	0.008	0.03	0.008
Metals	Cadmium	1.56E+00	1.19E-01	2.75E-02	1.12E-01	9.38E-03	9.62	7.16E-02	73.41	1.66E-02	16.98	0.00E+00	0	9.75E-02	1.47E+00	7.80E+00	0.07	0.01	0.07	0.01
Metals	Lead	2.89E+01	2.62E-01	1.94E+00	1.53E+00	1.74E-01	11.58	1.58E-01	10.52	1.17E+00	77.89	0.00E+00	0	1.50E+00	1.63E+00	3.26E+00	0.9	0.5	0.9	0.5
OCPs	4,4'-DDE	2.46E-01	4.24E-03	5.54E-01	1.73E+01	1.48E-03	0.44	2.55E-03	0.76	3.34E-01	98.81	0.00E+00	0	3.38E-01	2.27E-01	2.27E+00	**1**	0.1	**1**	0.1
OCPs	4,4'-DDT	1.43E-01	2.82E-03	2.48E-01	8.64E-01	8.63E-04	0.57	1.70E-03	1.12	1.49E-01	98.31	0.00E+00	0	1.52E-01	2.27E-01	2.27E+00	0.7	0.07	0.7	0.07
OCPs	Calculated DDx (ND=0.5DL)	3.60E-01	5.64E-03	6.46E-01	3.12E+00	2.17E-03	0.55	3.40E-03	0.86	3.89E-01	98.59	0.00E+00	0	3.95E-01	2.27E-01	2.27E+00	2	0.2	2	0.2
OCPs	beta-BHC	4.04E-02	1.47E-03	1.70E-01	6.56E-01	2.43E-04	0.24	8.88E-04	0.86	1.02E-01	98.91	0.00E+00	0	1.03E-01	5.60E-01	2.25E+00	0.2	0.05	0.2	0.05

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+00	4.03E+00	1.61E+00	6.72E-01	2.69E-02	0.78	2.43E+00	70.85	9.73E-01	28.37	0.00E+00	0	3.43E+00	1.30E+01	2.60E+01	0.3	0.1	0.3	0.1
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	2.36E-05	1.98E-08	4.60E-06	1.75E-08	1.42E-07	4.86	1.19E-08	0.41	2.77E-06	94.74	0.00E+00	0	2.92E-06	1.40E-05	1.40E-04	0.2	0.02	0.2	0.02
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.03E-05	8.67E-09	2.01E-06	7.65E-09	6.22E-08	4.86	5.23E-09	0.41	1.21E-06	94.74	0.00E+00	0	1.28E-06	NA	NA	NA	NA	NA	NA
Metals	Antimony	7.16E-01	4.32E-03	1.15E-01	5.73E-03	4.31E-03	5.68	2.61E-03	3.43	6.90E-02	90.89	0.00E+00	0	7.59E-02	NC	NC	NC	NC	NC	NC
Metals	Boron	1.88E+01	2.82E-01	3.01E-01	6.02E-01	1.13E-01	24.38	1.70E-01	36.59	1.81E-01	39.03	0.00E+00	0	4.65E-01	2.88E+01	1.00E+02	0.02	0.005	0.02	0.005
Metals	Cadmium	4.97E-01	6.37E-02	1.11E-02	6.54E-02	2.99E-03	6.23	3.84E-02	79.87	6.67E-03	13.90	0.00E+00	0	4.80E-02	1.47E+00	7.80E+00	0.03	0.006	0.03	0.006
Metals	Lead	1.70E+01	1.95E-01	1.26E+00	1.21E+00	1.02E-01	10.42	1.17E-01	11.95	7.62E-01	77.63	0.00E+00	0	9.81E-01	1.63E+00	3.26E+00	0.6	0.3	0.6	0.3
OCPs	4,4'-DDE	5.66E-02	1.40E-03	1.52E-01	7.56E+00	3.41E-04	0.37	8.45E-04	0.91	9.16E-02	98.72	0.00E+00	0	9.27E-02	2.27E-01	2.27E+00	0.4	0.04	0.4	0.04
OCPs	4,4'-DDT	4.16E-02	1.11E-03	8.45E-02	3.96E-01	2.50E-04	0.48	6.70E-04	1.29	5.09E-02	98.22	0.00E+00	0	5.18E-02	2.27E-01	2.27E+00	0.2	0.02	0.2	0.02
OCPs	Calculated DDx (ND=0.5DL)	1.02E-01	2.19E-03	1.84E-01	8.87E-01	6.17E-04	0.55	1.32E-03	1.17	1.11E-01	98.28	0.00E+00	0	1.13E-01	2.27E-01	2.27E+00	0.5	0.05	0.5	0.05
OCPs	beta-BHC	1.55E-02	5.65E-04	6.51E-02	3.28E-01	9.34E-05	0.24	3.41E-04	0.86	3.92E-02	98.91	0.00E+00	0	3.96E-02	5.60E-01	2.25E+00	0.07	0.02	0.07	0.02

TABLE I-3d: Potential Daily Dose and Hazard Quotients for American Robin: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

BACKGROUND CONCENTRATIONS																			
		Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
Group	Chemical	Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.30E+01	2.60E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	1.29E-03	5.66	8.37E-04	3.69	2.06E-02	90.65	0.00E+00	0	2.27E-02	NC	NC	NC	NC	NC	NC
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	2.58E-02	24.38	3.88E-02	36.59	4.13E-02	39.03	0.00E+00	0	1.06E-01	2.88E+01	1.00E+02	0.004	0.001	0.004	0.001
Metals	Cadmium	6.46E-02	2.09E-02	2.19E-03	2.50E-02	3.89E-04	2.72	1.26E-02	88.06	1.32E-03	9.22	0.00E+00	0	1.43E-02	1.47E+00	7.80E+00	0.01	0.002	0.01	0.002
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	5.56E-02	9.19	8.34E-02	13.77	4.66E-01	77.03	0.00E+00	0	6.05E-01	1.63E+00	3.26E+00	0.4	0.2	0.4	0.2
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	5.60E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level

mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-3e: Potential Daily Dose and Hazard Quotients for Desert Shrew: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.43E+01	1.34E+01	1.24E+01	5.16E+00	7.70E-01	10.01	0.00E+00	0	6.78E+00	88.06	1.48E-01	1.928	7.69E+00	6.40E+00	3.20E+01	**1**	0.2	**1**	0.2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	3.67E-04	3.09E-07	7.17E-05	2.72E-07	8.25E-06	17.40	0.00E+00	0	3.91E-05	82.58	7.83E-09	0.017	4.74E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.69E-04	1.42E-07	3.29E-05	1.25E-07	3.79E-06	17.40	0.00E+00	0	1.80E-05	82.58	3.59E-09	0.017	2.17E-05	8.40E-06	3.10E-05	3	0.7	3	0.7
Metals	Antimony	2.20E+00	1.24E-02	3.52E-01	1.76E-02	4.94E-02	20.39	0.00E+00	0	1.92E-01	79.40	5.06E-04	0.21	2.42E-01	5.90E-02	5.90E-01	4	0.4	4	0.4
Metals	Boron	1.12E+02	1.68E+00	1.79E+00	3.58E+00	2.51E+00	69.91	0.00E+00	0	9.79E-01	27.22	1.03E-01	2.87	3.60E+00	2.80E+01	9.36E+01	0.1	0.04	0.1	0.04
Metals	Cadmium	8.88E+00	3.07E-01	1.10E-01	2.55E-01	1.99E-01	74.78	0.00E+00	0	5.99E-02	22.47	7.34E-03	2.75	2.67E-01	7.70E-01	7.70E+00	0.3	0.03	0.3	0.03
Metals	Lead	1.12E+02	5.61E-01	5.80E+00	2.78E+00	2.51E+00	43.64	0.00E+00	0	3.17E+00	54.97	8.00E-02	1.39	5.76E+00	4.70E+00	8.90E+00	**1**	0.6	**1**	0.6
OCPs	4,4'-DDE	9.10E-01	1.13E-02	1.75E+00	3.63E+01	2.04E-02	1.01	0.00E+00	0	9.58E-01	47.39	1.04E+00	51.60	2.02E+00	1.47E-01	7.35E-01	10	3	10	3
OCPs	4,4'-DDT	6.10E-01	8.39E-03	8.72E-01	2.15E+00	1.37E-02	2.48	0.00E+00	0	4.76E-01	86.30	6.19E-02	11.21	5.52E-01	1.47E-01	7.35E-01	4	0.8	4	0.8
OCPs	Calculated DDx (ND=0.5DL)	1.56E+00	1.70E-02	2.80E+00	1.35E+01	3.51E-02	1.80	0.00E+00	0	1.53E+00	78.30	3.89E-01	19.90	1.95E+00	1.47E-01	7.35E-01	10	3	10	3
OCPs	beta-BHC	1.50E-01	5.47E-03	6.30E-01	1.70E+00	3.37E-03	0.85	0.00E+00	0	3.44E-01	86.82	4.89E-02	12.33	3.96E-01	4.00E-01	2.00E+00	**1**	0.2	**1**	0.2

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	8.32E+00	5.82E+00	3.01E+00	1.25E+00	1.87E-01	10.01	0.00E+00	0	1.64E+00	88.06	3.60E-02	1.928	1.87E+00	6.40E+00	3.20E+01	0.3	0.06	0.3	0.06
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	6.31E-05	5.30E-08	1.23E-05	4.68E-08	1.42E-06	17.40	0.00E+00	0	6.72E-06	82.58	1.34E-09	0.017	8.14E-06	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.79E-05	2.34E-08	5.43E-06	2.06E-08	6.25E-07	17.40	0.00E+00	0	2.97E-06	82.58	5.94E-10	0.017	3.59E-06	8.40E-06	3.10E-05	0.4	0.1	0.4	0.1
Metals	Antimony	9.50E-01	5.64E-03	1.52E-01	7.60E-03	2.13E-02	20.39	0.00E+00	0	8.30E-02	79.40	2.19E-04	0.21	1.05E-01	5.90E-02	5.90E-01	2	0.2	2	0.2
Metals	Boron	3.16E+01	4.74E-01	5.06E-01	1.01E+00	7.10E-01	69.91	0.00E+00	0	2.76E-01	27.22	2.91E-02	2.87	1.02E+00	2.80E+01	9.36E+01	0.04	0.01	0.04	0.01
Metals	Cadmium	1.56E+00	1.19E-01	2.75E-02	1.12E-01	3.50E-02	65.72	0.00E+00	0	1.50E-02	28.22	3.23E-03	6.07	5.32E-02	7.70E-01	7.70E+00	0.07	0.007	0.07	0.007
Metals	Lead	2.89E+01	2.62E-01	1.94E+00	1.53E+00	6.49E-01	36.99	0.00E+00	0	1.06E+00	60.51	4.39E-02	2.51	1.75E+00	4.70E+00	8.90E+00	0.4	0.2	0.4	0.2
OCPs	4,4'-DDE	2.46E-01	4.24E-03	5.54E-01	1.73E+01	5.52E-03	0.68	0.00E+00	0	3.03E-01	37.53	4.99E-01	61.78	8.07E-01	1.47E-01	7.35E-01	5	**1**	5	**1**
OCPs	4,4'-DDT	1.43E-01	2.82E-03	2.48E-01	8.64E-01	3.22E-03	1.97	0.00E+00	0	1.35E-01	82.83	2.48E-02	15.20	1.63E-01	1.47E-01	7.35E-01	**1**	0.2	**1**	0.2
OCPs	Calculated DDx (ND=0.5DL)	3.60E-01	5.64E-03	6.46E-01	3.12E+00	8.09E-03	1.80	0.00E+00	0	3.53E-01	78.30	8.97E-02	19.90	4.50E-01	1.47E-01	7.35E-01	3	0.6	3	0.6
OCPs	beta-BHC	4.04E-02	1.47E-03	1.70E-01	6.56E-01	9.07E-04	0.81	0.00E+00	0	9.26E-02	82.41	1.89E-02	16.78	1.12E-01	4.00E-01	2.00E+00	0.3	0.06	0.3	0.06

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+00	4.03E+00	1.61E+00	6.72E-01	1.00E-01	10.01	0.00E+00	0	8.82E-01	88.06	1.93E-02	1.928	1.00E+00	6.40E+00	3.20E+01	0.2	0.03	0.2	0.03
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	2.36E-05	1.98E-08	4.60E-06	1.75E-08	5.29E-07	17.40	0.00E+00	0	2.51E-06	82.58	5.02E-10	0.017	3.04E-06	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.03E-05	8.67E-09	2.01E-06	7.65E-09	2.32E-07	17.40	0.00E+00	0	1.10E-06	82.58	2.20E-10	0.017	1.33E-06	8.40E-06	3.10E-05	0.2	0.04	0.2	0.04
Metals	Antimony	7.16E-01	4.32E-03	1.15E-01	5.73E-03	1.61E-02	20.39	0.00E+00	0	6.26E-02	79.40	1.65E-04	0.21	7.88E-02	5.90E-02	5.90E-01	**1**	0.1	**1**	0.1
Metals	Boron	1.88E+01	2.82E-01	3.01E-01	6.02E-01	4.22E-01	69.91	0.00E+00	0	1.64E-01	27.22	1.73E-02	2.87	6.04E-01	2.80E+01	9.36E+01	0.02	0.006	0.02	0.006
Metals	Cadmium	4.97E-01	6.37E-02	1.11E-02	6.54E-02	1.11E-02	58.43	0.00E+00	0	6.05E-03	31.71	1.88E-03	9.86	1.91E-02	7.70E-01	7.70E+00	0.02	0.002	0.02	0.002
Metals	Lead	1.70E+01	1.95E-01	1.26E+00	1.21E+00	3.81E-01	34.44	0.00E+00	0	6.91E-01	62.42	3.47E-02	3.14	1.11E+00	4.70E+00	8.90E+00	0.2	0.1	0.2	0.1
OCPs	4,4'-DDE	5.66E-02	1.40E-03	1.52E-01	7.56E+00	1.27E-03	0.42	0.00E+00	0	8.30E-02	27.51	2.17E-01	72.07	3.02E-01	1.47E-01	7.35E-01	2	0.4	2	0.4
OCPs	4,4'-DDT	4.16E-02	1.11E-03	8.45E-02	3.96E-01	9.33E-04	1.60	0.00E+00	0	4.61E-02	78.94	1.14E-02	19.47	5.85E-02	1.47E-01	7.35E-01	0.4	0.08	0.4	0.08
OCPs	Calculated DDx (ND=0.5DL)	1.02E-01	2.19E-03	1.84E-01	8.87E-01	2.30E-03	1.80	0.00E+00	0	1.00E-01	78.30	2.55E-02	19.90	1.28E-01	1.47E-01	7.35E-01	0.9	0.2	0.9	0.2
OCPs	beta-BHC	1.55E-02	5.65E-04	6.51E-02	3.28E-01	3.48E-04	0.77	0.00E+00	0	3.56E-02	78.45	9.42E-03	20.78	4.53E-02	4.00E-01	2.00E+00	0.1	0.02	0.1	0.02

TABLE I-3e: Potential Daily Dose and Hazard Quotients for Desert Shrew: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

BACKGROUND CONCENTRATIONS																		
Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	4.79E-03	20.4	0.00E+00	0	1.87E-02	79.4	4.91E-05	0.21	2.35E-02	5.90E-02	5.90E-01	0.4	0.04	0.4	0.04
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	9.63E-02	69.9	0.00E+00	0	3.75E-02	27.2	3.94E-03	2.87	1.38E-01	2.80E+01	9.36E+01	0.005	0.001	0.005	0.001
Metals	Cadmium	6.46E-02	2.09E-02	2.19E-03	2.50E-02	1.45E-03	43.1	0.00E+00	0	1.19E-03	35.5	7.17E-04	21.34	3.36E-03	7.70E-01	7.70E+00	0.004	0.0004	0.004	0.0004
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	2.07E-01	31.6	0.00E+00	0	4.23E-01	64.4	2.65E-02	4.04	6.57E-01	4.70E+00	8.90E+00	0.1	0.07	0.1	0.07
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
500	100 < HQ

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-3f: Potential Daily Dose and Hazard Quotients for Fringed Myotis: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0007) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.43E+01	1.34E+01	1.24E+01	5.16E+00	0.00E+00	0	0.00E+00	0	8.25E+00	100	0.00E+00	0	8.25E+00	6.40E+00	3.20E+01	1	0.3	0.0009	0.0002
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	3.67E-04	3.09E-07	7.17E-05	2.72E-07	0.00E+00	0	0.00E+00	0	4.76E-05	100	0.00E+00	0	4.76E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.69E-04	1.42E-07	3.29E-05	1.25E-07	0.00E+00	0	0.00E+00	0	2.19E-05	100	0.00E+00	0	2.19E-05	8.40E-06	3.10E-05	3	0.7	0.002	0.0005
Metals	Antimony	2.20E+00	1.24E-02	3.52E-01	1.76E-02	0.00E+00	0	0.00E+00	0	2.34E-01	100	0.00E+00	0	2.34E-01	5.90E-02	5.90E-01	4	0.4	0.003	0.0003
Metals	Boron	1.12E+02	1.68E+00	1.79E+00	3.58E+00	0.00E+00	0	0.00E+00	0	1.19E+00	100	0.00E+00	0	1.19E+00	2.80E+01	9.36E+01	0.04	0.01	0.00003	0.000009
Metals	Cadmium	8.88E+00	3.07E-01	1.10E-01	2.55E-01	0.00E+00	0	0.00E+00	0	7.29E-02	100	0.00E+00	0	7.29E-02	7.70E-01	7.70E+00	0.09	0.009	0.00007	0.000007
Metals	Lead	1.12E+02	5.61E-01	5.80E+00	2.78E+00	0.00E+00	0	0.00E+00	0	3.85E+00	100	0.00E+00	0	3.85E+00	4.70E+00	8.90E+00	0.8	0.4	0.0006	0.0003
OCPs	4,4'-DDE	9.10E-01	1.13E-02	1.75E+00	3.63E+01	0.00E+00	0	0.00E+00	0	1.17E+00	100	0.00E+00	0	1.17E+00	1.47E-01	7.35E-01	8	2	0.006	0.001
OCPs	4,4'-DDT	6.10E-01	8.39E-03	8.72E-01	2.15E+00	0.00E+00	0	0.00E+00	0	5.79E-01	100	0.00E+00	0	5.79E-01	1.47E-01	7.35E-01	4	0.8	0.003	0.0006
OCPs	Calculated DDx (ND=0.5DL)	1.56E+00	1.70E-02	2.80E+00	1.35E+01	0.00E+00	0	0.00E+00	0	1.86E+00	100	0.00E+00	0	1.86E+00	1.47E-01	7.35E-01	10	3	0.009	0.002
OCPs	beta-BHC	1.50E-01	5.47E-03	6.30E-01	1.70E+00	0.00E+00	0	0.00E+00	0	4.19E-01	100	0.00E+00	0	4.19E-01	4.00E-01	2.00E+00	1	0.2	0.0007	0.0001

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0007) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	8.32E+00	5.82E+00	3.01E+00	1.25E+00	0.00E+00	0	0.00E+00	0	2.00E+00	100	0.00E+00	0	2.00E+00	6.40E+00	3.20E+01	0.3	0.06	0.0002	0.00004
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	6.31E-05	5.30E-08	1.23E-05	4.68E-08	0.00E+00	0	0.00E+00	0	8.18E-06	100	0.00E+00	0	8.18E-06	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.79E-05	2.34E-08	5.43E-06	2.06E-08	0.00E+00	0	0.00E+00	0	3.61E-06	100	0.00E+00	0	3.61E-06	8.40E-06	3.10E-05	0.4	0.1	0.0003	0.00008
Metals	Antimony	9.50E-01	5.64E-03	1.52E-01	7.60E-03	0.00E+00	0	0.00E+00	0	1.01E-01	100	0.00E+00	0	1.01E-01	5.90E-02	5.90E-01	2	0.2	0.001	0.0001
Metals	Boron	3.16E+01	4.74E-01	5.06E-01	1.01E+00	0.00E+00	0	0.00E+00	0	3.36E-01	100	0.00E+00	0	3.36E-01	2.80E+01	9.36E+01	0.01	0.004	0.000008	0.000003
Metals	Cadmium	1.56E+00	1.19E-01	2.75E-02	1.12E-01	0.00E+00	0	0.00E+00	0	1.83E-02	100	0.00E+00	0	1.83E-02	7.70E-01	7.70E+00	0.02	0.002	0.00002	0.000002
Metals	Lead	2.89E+01	2.62E-01	1.94E+00	1.53E+00	0.00E+00	0	0.00E+00	0	1.29E+00	100	0.00E+00	0	1.29E+00	4.70E+00	8.90E+00	0.3	0.1	0.0002	0.0001
OCPs	4,4'-DDE	2.46E-01	4.24E-03	5.54E-01	1.73E+01	0.00E+00	0	0.00E+00	0	3.69E-01	100	0.00E+00	0	3.69E-01	1.47E-01	7.35E-01	3	0.5	0.002	0.0004
OCPs	4,4'-DDT	1.43E-01	2.82E-03	2.48E-01	8.64E-01	0.00E+00	0	0.00E+00	0	1.65E-01	100	0.00E+00	0	1.65E-01	1.47E-01	7.35E-01	1	0.2	0.0008	0.0002
OCPs	Calculated DDx (ND=0.5DL)	3.60E-01	5.64E-03	6.46E-01	3.12E+00	0.00E+00	0	0.00E+00	0	4.29E-01	100	0.00E+00	0	4.29E-01	1.47E-01	7.35E-01	3	0.6	0.002	0.0004
OCPs	beta-BHC	4.04E-02	1.47E-03	1.70E-01	6.56E-01	0.00E+00	0	0.00E+00	0	1.13E-01	100	0.00E+00	0	1.13E-01	4.00E-01	2.00E+00	0.3	0.06	0.0002	0.00004

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0007) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+00	4.03E+00	1.61E+00	6.72E-01	0.00E+00	0	0.00E+00	0	1.07E+00	100	0.00E+00	0	1.07E+00	6.40E+00	3.20E+01	0.2	0.03	0.0001	0.00002
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	2.36E-05	1.98E-08	4.60E-06	1.75E-08	0.00E+00	0	0.00E+00	0	3.06E-06	100	0.00E+00	0	3.06E-06	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.03E-05	8.67E-09	2.01E-06	7.65E-09	0.00E+00	0	0.00E+00	0	1.34E-06	100	0.00E+00	0	1.34E-06	8.40E-06	3.10E-05	0.2	0.04	0.0001	0.00003
Metals	Antimony	7.16E-01	4.32E-03	1.15E-01	5.73E-03	0.00E+00	0	0.00E+00	0	7.62E-02	100	0.00E+00	0	7.62E-02	5.90E-02	5.90E-01	1	0.1	0.0009	0.00009
Metals	Boron	1.88E+01	2.82E-01	3.01E-01	6.02E-01	0.00E+00	0	0.00E+00	0	2.00E-01	100	0.00E+00	0	2.00E-01	2.80E+01	9.36E+01	0.007	0.002	0.000005	0.000001
Metals	Cadmium	4.97E-01	6.37E-02	1.11E-02	6.54E-02	0.00E+00	0	0.00E+00	0	7.36E-03	100	0.00E+00	0	7.36E-03	7.70E-01	7.70E+00	0.01	0.001	0.000007	0.0000007
Metals	Lead	1.70E+01	1.95E-01	1.26E+00	1.21E+00	0.00E+00	0	0.00E+00	0	8.41E-01	100	0.00E+00	0	8.41E-01	4.70E+00	8.90E+00	0.2	0.09	0.0001	0.00007
OCPs	4,4'-DDE	5.66E-02	1.40E-03	1.52E-01	7.56E+00	0.00E+00	0	0.00E+00	0	1.01E-01	100	0.00E+00	0	1.01E-01	1.47E-01	7.35E-01	0.7	0.1	0.0005	0.0001
OCPs	4,4'-DDT	4.16E-02	1.11E-03	8.45E-02	3.96E-01	0.00E+00	0	0.00E+00	0	5.62E-02	100	0.00E+00	0	5.62E-02	1.47E-01	7.35E-01	0.4	0.08	0.0003	0.00005
OCPs	Calculated DDx (ND=0.5DL)	1.02E-01	2.19E-03	1.84E-01	8.87E-01	0.00E+00	0	0.00E+00	0	1.22E-01	100	0.00E+00	0	1.22E-01	1.47E-01	7.35E-01	0.8	0.2	0.0006	0.0001
OCPs	beta-BHC	1.55E-02	5.65E-04	6.51E-02	3.28E-01	0.00E+00	0	0.00E+00	0	4.33E-02	100	0.00E+00	0	4.33E-02	4.00E-01	2.00E+00	0.1	0.02	0.00008	0.00002

TABLE I-3f: Potential Daily Dose and Hazard Quotients for Fringed Myotis: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

BACKGROUND CONCENTRATIONS																			
Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	0.00E+00	0	0.00E+00	0	2.27E-02	100	0.00E+00	0	2.27E-02	5.90E-02	5.90E-01	0.4	0.04	0.4	0.04
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	0.00E+00	0	0.00E+00	0	4.56E-02	100	0.00E+00	0	4.56E-02	2.80E+01	9.36E+01	0.002	0.0005	0.002	0.0005
Metals	Cadmium	6.46E-02	2.09E-02	2.19E-03	2.50E-02	0.00E+00	0	0.00E+00	0	1.45E-03	100	0.00E+00	0	1.45E-03	7.70E-01	7.70E+00	0.002	0.0002	0.002	0.0002
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	0.00E+00	0	0.00E+00	0	5.14E-01	100	0.00E+00	0	5.14E-01	4.70E+00	8.90E+00	0.1	0.06	0.1	0.06
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
500	100 < HQ

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-3g: Potential Daily Dose and Hazard Quotients for Raccoon: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.033) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.43E+01	1.34E+01	1.24E+01	5.16E+00	1.63E-01	5.84	1.63E+00	58.23	1.00E+00	35.93	0.00E+00	0	2.79E+00	6.40E+00	3.20E+01	0.4	0.09	0.01	0.003
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	3.67E-04	3.09E-07	7.17E-05	2.72E-07	1.75E-06	23.04	3.74E-08	0.49	5.79E-06	76.47	0.00E+00	0	7.58E-06	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.69E-04	1.42E-07	3.29E-05	1.25E-07	8.01E-07	23.04	1.72E-08	0.49	2.66E-06	76.47	0.00E+00	0	3.48E-06	8.40E-06	3.10E-05	0.4	0.1	0.01	0.004
Metals	Antimony	2.20E+00	1.24E-02	3.52E-01	1.76E-02	1.05E-02	25.86	1.50E-03	3.72	2.85E-02	70.42	0.00E+00	0	4.04E-02	5.90E-02	5.90E-01	0.7	0.07	0.02	0.002
Metals	Boron	1.12E+02	1.68E+00	1.79E+00	3.58E+00	5.32E-01	60.41	2.04E-01	23.14	1.45E-01	16.45	0.00E+00	0	8.81E-01	2.80E+01	9.36E+01	0.03	0.009	0.001	0.0003
Metals	Cadmium	8.88E+00	3.07E-01	1.10E-01	2.55E-01	4.22E-02	47.76	3.73E-02	42.20	8.87E-03	10.04	0.00E+00	0	8.83E-02	7.70E-01	7.70E+00	0.1	0.01	0.004	0.0004
Metals	Lead	1.12E+02	5.61E-01	5.80E+00	2.78E+00	5.32E-01	49.78	6.81E-02	6.37	4.69E-01	43.85	0.00E+00	0	1.07E+00	4.70E+00	8.90E+00	0.2	0.1	0.008	0.004
OCPs	4,4'-DDE	9.10E-01	1.13E-02	1.75E+00	3.63E+01	4.32E-03	2.93	1.37E-03	0.93	1.42E-01	96.14	0.00E+00	0	1.47E-01	1.47E-01	7.35E-01	**1**	0.2	0.03	0.007
OCPs	4,4'-DDT	6.10E-01	8.39E-03	8.72E-01	2.15E+00	2.90E-03	3.90	1.02E-03	1.37	7.05E-02	94.74	0.00E+00	0	7.44E-02	1.47E-01	7.35E-01	0.5	0.1	0.02	0.003
OCPs	Calculated DDx (ND=0.5DL)	1.56E+00	1.70E-02	2.80E+00	1.35E+01	7.43E-03	3.15	2.07E-03	0.88	2.27E-01	95.98	0.00E+00	0	2.36E-01	1.47E-01	7.35E-01	2	0.3	0.05	0.01
OCPs	beta-BHC	1.50E-01	5.47E-03	6.30E-01	1.70E+00	7.13E-04	1.36	6.64E-04	1.27	5.09E-02	97.37	0.00E+00	0	5.23E-02	4.00E-01	2.00E+00	0.1	0.03	0.004	0.0009

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.033) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	8.32E+00	5.82E+00	3.01E+00	1.25E+00	3.95E-02	4.00	7.06E-01	71.39	2.43E-01	24.61	0.00E+00	0	9.89E-01	6.40E+00	3.20E+01	0.2	0.03	0.005	0.001
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	6.31E-05	5.30E-08	1.23E-05	4.68E-08	3.00E-07	23.04	6.43E-09	0.49	9.95E-07	76.47	0.00E+00	0	1.30E-06	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.79E-05	2.34E-08	5.43E-06	2.06E-08	1.32E-07	23.04	2.84E-09	0.49	4.39E-07	76.47	0.00E+00	0	5.75E-07	8.40E-06	3.10E-05	0.07	0.02	0.002	0.0006
Metals	Antimony	9.50E-01	5.64E-03	1.52E-01	7.60E-03	4.51E-03	25.81	6.84E-04	3.91	1.23E-02	70.28	0.00E+00	0	1.75E-02	5.90E-02	5.90E-01	0.3	0.03	0.01	0.001
Metals	Boron	3.16E+01	4.74E-01	5.06E-01	1.01E+00	1.50E-01	60.41	5.76E-02	23.14	4.09E-02	16.45	0.00E+00	0	2.49E-01	2.80E+01	9.36E+01	0.009	0.003	0.0003	0.00009
Metals	Cadmium	1.56E+00	1.19E-01	2.75E-02	1.12E-01	7.40E-03	30.79	1.44E-02	59.97	2.22E-03	9.25	0.00E+00	0	2.40E-02	7.70E-01	7.70E+00	0.03	0.003	0.001	0.0001
Metals	Lead	2.89E+01	2.62E-01	1.94E+00	1.53E+00	1.37E-01	42.09	3.18E-02	9.76	1.57E-01	48.16	0.00E+00	0	3.26E-01	4.70E+00	8.90E+00	0.07	0.04	0.002	0.001
OCPs	4,4'-DDE	2.46E-01	4.24E-03	5.54E-01	1.73E+01	1.17E-03	2.51	5.14E-04	1.10	4.48E-02	96.38	0.00E+00	0	4.65E-02	1.47E-01	7.35E-01	0.3	0.06	0.01	0.002
OCPs	4,4'-DDT	1.43E-01	2.82E-03	2.48E-01	8.64E-01	6.81E-04	3.24	3.42E-04	1.63	2.00E-02	95.14	0.00E+00	0	2.10E-02	1.47E-01	7.35E-01	0.1	0.03	0.005	0.0009
OCPs	Calculated DDx (ND=0.5DL)	3.60E-01	5.64E-03	6.46E-01	3.12E+00	1.71E-03	3.13	6.85E-04	1.25	5.22E-02	95.61	0.00E+00	0	5.46E-02	1.47E-01	7.35E-01	0.4	0.07	0.01	0.002
OCPs	beta-BHC	4.04E-02	1.47E-03	1.70E-01	6.56E-01	1.92E-04	1.36	1.79E-04	1.27	1.37E-02	97.37	0.00E+00	0	1.41E-02	4.00E-01	2.00E+00	0.04	0.007	0.001	0.0002

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.033) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+00	4.03E+00	1.61E+00	6.72E-01	2.12E-02	3.3101358	4.89E-01	76.32	1.31E-01	20.37	0.00E+00	0	6.41E-01	6.40E+00	3.20E+01	0.1	0.02	0.003	0.0007
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	2.36E-05	1.98E-08	4.60E-06	1.75E-08	1.12E-07	23.038312	2.40E-09	0.49	3.72E-07	76.47	0.00E+00	0	4.86E-07	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.03E-05	8.67E-09	2.01E-06	7.65E-09	4.91E-08	23.038312	1.05E-09	0.49	1.63E-07	76.47	0.00E+00	0	2.13E-07	8.40E-06	3.10E-05	0.03	0.007	0.0008	0.0002
Metals	Antimony	7.16E-01	4.32E-03	1.15E-01	5.73E-03	3.40E-03	25.789092	5.25E-04	3.98	9.26E-03	70.23	0.00E+00	0	1.32E-02	5.90E-02	5.90E-01	0.2	0.02	0.007	0.0007
Metals	Boron	1.88E+01	2.82E-01	3.01E-01	6.02E-01	8.94E-02	60.411311	3.42E-02	23.14	2.43E-02	16.45	0.00E+00	0	1.48E-01	2.80E+01	9.36E+01	0.005	0.002	0.0002	0.00005
Metals	Cadmium	4.97E-01	6.37E-02	1.11E-02	6.54E-02	2.36E-03	21.495597	7.72E-03	70.34	8.96E-04	8.16	0.00E+00	0	1.10E-02	7.70E-01	7.70E+00	0.01	0.001	0.0005	0.00005
Metals	Lead	1.70E+01	1.95E-01	1.26E+00	1.21E+00	8.07E-02	39.05253	2.36E-02	11.43	1.02E-01	49.51	0.00E+00	0	2.07E-01	4.70E+00	8.90E+00	0.04	0.02	0.001	0.0008
OCPs	4,4'-DDE	5.66E-02	1.40E-03	1.52E-01	7.56E+00	2.69E-04	2.111887	1.70E-04	1.34	1.23E-02	96.55	0.00E+00	0	1.27E-02	1.47E-01	7.35E-01	0.09	0.02	0.003	0.0006
OCPs	4,4'-DDT	4.16E-02	1.11E-03	8.45E-02	3.96E-01	1.97E-04	2.7569318	1.35E-04	1.88	6.83E-03	95.36	0.00E+00	0	7.16E-03	1.47E-01	7.35E-01	0.05	0.01	0.002	0.0003
OCPs	Calculated DDx (ND=0.5DL)	1.02E-01	2.19E-03	1.84E-01	8.87E-01	4.87E-04	3.12	2.66E-04	1.70	1.48E-02	95.18	0.00E+00	0	1.56E-02	1.47E-01	7.35E-01	0.1	0.02	0.004	0.0007
OCPs	beta-BHC	1.55E-02	5.65E-04	6.51E-02	3.28E-01	7.37E-05	1.3628647	6.86E-05	1.27	5.26E-03	97.37	0.00E+00	0	5.41E-03	4.00E-01	2.00E+00	0.01	0.003	0.0004	0.00009

TABLE I-3g: Potential Daily Dose and Hazard Quotients for Raccoon: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

BACKGROUND CONCENTRATIONS																		
Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	1.01E-03	25.71	1.69E-04	4.27	2.76E-03	70.02	0.00E+00	0	3.95E-03	5.90E-02	5.90E-01	0.07	0.007	0.07	0.007
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	2.04E-02	60.41	7.80E-03	23.14	5.55E-03	16.45	0.00E+00	0	3.37E-02	2.80E+01	9.36E+01	0.001	0.0004	0.001	0.0004
Metals	Cadmium	6.46E-02	2.09E-02	2.19E-03	2.50E-02	3.07E-04	10.16	2.53E-03	83.98	1.77E-04	5.86	0.00E+00	0	3.02E-03	7.70E-01	7.70E+00	0.004	0.0004	0.004	0.0004
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	4.39E-02	35.61	1.68E-02	13.62	6.26E-02	50.77	0.00E+00	0	1.23E-01	4.70E+00	8.90E+00	0.03	0.01	0.03	0.01
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-3h : Potential Daily Dose and Hazard Quotients for Mourning Dove: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0033) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.43E+01	1.34E+01	1.24E+01	5.16E+00	8.95E-02	5.62	1.50E+00	94.38	0.00E+00	0	0.00E+00	0	1.59E+00	1.30E+01	2.60E+01	0.1	0.06	0.0004	0.0002
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	3.67E-04	3.09E-07	7.17E-05	2.72E-07	9.59E-07	96.51	3.46E-08	3.49	0.00E+00	0	0.00E+00	0	9.93E-07	1.40E-05	1.40E-04	0.07	0.007	0.0002	0.00002
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.69E-04	1.42E-07	3.29E-05	1.25E-07	4.40E-07	96.51	1.59E-08	3.49	0.00E+00	0	0.00E+00	0	4.56E-07	NA	NA	NA	NA	NA	NA
Metals	Antimony	2.20E+00	1.24E-02	3.52E-01	1.76E-02	5.74E-03	80.50	1.39E-03	19.50	0.00E+00	0	0.00E+00	0	7.13E-03	NC	NC	NC	NC	NC	NC
Metals	Boron	1.12E+02	1.68E+00	1.79E+00	3.58E+00	2.92E-01	60.78	1.88E-01	39.22	0.00E+00	0	0.00E+00	0	4.81E-01	2.88E+01	1.00E+02	0.02	0.005	0.00006	0.00002
Metals	Cadmium	8.88E+00	3.07E-01	1.10E-01	2.55E-01	2.32E-02	40.18	3.45E-02	59.82	0.00E+00	0	0.00E+00	0	5.77E-02	1.47E+00	7.80E+00	0.04	0.007	0.0001	0.00002
Metals	Lead	1.12E+02	5.61E-01	5.80E+00	2.78E+00	2.92E-01	82.27	6.29E-02	17.73	0.00E+00	0	0.00E+00	0	3.55E-01	1.63E+00	3.26E+00	0.2	0.1	0.0007	0.0004
OCPs	4,4'-DDE	9.10E-01	1.13E-02	1.75E+00	3.63E+01	2.37E-03	65.12	1.27E-03	34.88	0.00E+00	0	0.00E+00	0	3.65E-03	2.27E-01	2.27E+00	0.02	0.002	0.00005	0.000005
OCPs	4,4'-DDT	6.10E-01	8.39E-03	8.72E-01	2.15E+00	1.59E-03	62.84	9.41E-04	37.16	0.00E+00	0	0.00E+00	0	2.53E-03	2.27E-01	2.27E+00	0.01	0.001	0.00004	0.000004
OCPs	Calculated DDx (ND=0.5DL)	1.56E+00	1.70E-02	2.80E+00	1.35E+01	4.08E-03	68.10	1.91E-03	31.90	0.00E+00	0	0.00E+00	0	5.99E-03	2.27E-01	2.27E+00	0.03	0.003	0.00009	0.000009
OCPs	beta-BHC	1.50E-01	5.47E-03	6.30E-01	1.70E+00	3.91E-04	38.93	6.14E-04	61.07	0.00E+00	0	0.00E+00	0	1.01E-03	5.60E-01	2.25E+00	0.002	0.0004	0.000006	0.000001

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0033) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	8.32E+00	5.82E+00	3.01E+00	1.25E+00	2.17E-02	3.22	6.53E-01	96.78	0.00E+00	0	0.00E+00	0	6.75E-01	1.30E+01	2.60E+01	0.05	0.03	0.0002	0.00009
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	6.31E-05	5.30E-08	1.23E-05	4.68E-08	1.65E-07	96.51	5.95E-09	3.49	0.00E+00	0	0.00E+00	0	1.71E-07	1.40E-05	1.40E-04	0.01	0.001	0.00004	0.000004
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.79E-05	2.34E-08	5.43E-06	2.06E-08	7.27E-08	96.51	2.63E-09	3.49	0.00E+00	0	0.00E+00	0	7.53E-08	NA	NA	NA	NA	NA	NA
Metals	Antimony	9.50E-01	5.64E-03	1.52E-01	7.60E-03	2.48E-03	79.67	6.33E-04	20.33	0.00E+00	0	0.00E+00	0	3.11E-03	NC	NC	NC	NC	NC	NC
Metals	Boron	3.16E+01	4.74E-01	5.06E-01	1.01E+00	8.25E-02	60.78	5.32E-02	39.22	0.00E+00	0	0.00E+00	0	1.36E-01	2.88E+01	1.00E+02	0.005	0.001	0.00002	0.000004
Metals	Cadmium	1.56E+00	1.19E-01	2.75E-02	1.12E-01	4.06E-03	23.36	1.33E-02	76.64	0.00E+00	0	0.00E+00	0	1.74E-02	1.47E+00	7.80E+00	0.01	0.002	0.00004	0.000007
Metals	Lead	2.89E+01	2.62E-01	1.94E+00	1.53E+00	7.54E-02	71.92	2.94E-02	28.08	0.00E+00	0	0.00E+00	0	1.05E-01	1.63E+00	3.26E+00	0.06	0.03	0.0002	0.0001
OCPs	4,4'-DDE	2.46E-01	4.24E-03	5.54E-01	1.73E+01	6.42E-04	57.45	4.75E-04	42.55	0.00E+00	0	0.00E+00	0	1.12E-03	2.27E-01	2.27E+00	0.005	0.0005	0.00002	0.000002
OCPs	4,4'-DDT	1.43E-01	2.82E-03	2.48E-01	8.64E-01	3.74E-04	54.15	3.16E-04	45.85	0.00E+00	0	0.00E+00	0	6.90E-04	2.27E-01	2.27E+00	0.003	0.0003	0.00001	0.000001
OCPs	Calculated DDx (ND=0.5DL)	3.60E-01	5.64E-03	6.46E-01	3.12E+00	9.40E-04	59.74	6.33E-04	40.26	0.00E+00	0	0.00E+00	0	1.57E-03	2.27E-01	2.27E+00	0.007	0.0007	0.00002	0.000002
OCPs	beta-BHC	4.04E-02	1.47E-03	1.70E-01	6.56E-01	1.05E-04	38.93	1.65E-04	61.07	0.00E+00	0	0.00E+00	0	2.71E-04	5.60E-01	2.25E+00	0.0005	0.0001	0.000002	0.0000004

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0033) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+00	4.03E+00	1.61E+00	6.72E-01	1.17E-02	2.51	4.52E-01	97.49	0.00E+00	0	0.00E+00	0	4.64E-01	1.30E+01	2.60E+01	0.04	0.02	0.0001	0.00006
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	2.36E-05	1.98E-08	4.60E-06	1.75E-08	6.15E-08	96.51	2.22E-09	3.49	0.00E+00	0	0.00E+00	0	6.37E-08	1.40E-05	1.40E-04	0.005	0.0005	0.00002	0.000002
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.03E-05	8.67E-09	2.01E-06	7.65E-09	2.69E-08	96.51	9.73E-10	3.49	0.00E+00	0	0.00E+00	0	2.79E-08	NA	NA	NA	NA	NA	NA
Metals	Antimony	7.16E-01	4.32E-03	1.15E-01	5.73E-03	1.87E-03	79.38	4.85E-04	20.62	0.00E+00	0	0.00E+00	0	2.35E-03	NC	NC	NC	NC	NC	NC
Metals	Boron	1.88E+01	2.82E-01	3.01E-01	6.02E-01	4.91E-02	60.78	3.17E-02	39.22	0.00E+00	0	0.00E+00	0	8.08E-02	2.88E+01	1.00E+02	0.003	0.0008	0.000009	0.000003
Metals	Cadmium	4.97E-01	6.37E-02	1.11E-02	6.54E-02	1.30E-03	15.35	7.14E-03	84.65	0.00E+00	0	0.00E+00	0	8.44E-03	1.47E+00	7.80E+00	0.006	0.001	0.00002	0.000004
Metals	Lead	1.70E+01	1.95E-01	1.26E+00	1.21E+00	4.43E-02	66.97	2.18E-02	33.03	0.00E+00	0	0.00E+00	0	6.61E-02	1.63E+00	3.26E+00	0.04	0.02	0.0001	0.00007
OCPs	4,4'-DDE	5.66E-02	1.40E-03	1.52E-01	7.56E+00	1.48E-04	48.41	1.57E-04	51.59	0.00E+00	0	0.00E+00	0	3.05E-04	2.27E-01	2.27E+00	0.001	0.0001	0.000004	0.0000004
OCPs	4,4'-DDT	4.16E-02	1.11E-03	8.45E-02	3.96E-01	1.08E-04	46.51	1.25E-04	53.49	0.00E+00	0	0.00E+00	0	2.33E-04	2.27E-01	2.27E+00	0.001	0.0001	0.000003	0.0000003
OCPs	Calculated DDx (ND=0.5DL)	1.02E-01	2.19E-03	1.84E-01	8.87E-01	2.67E-04	52.08	2.46E-04	47.92	0.00E+00	0	0.00E+00	0	5.13E-04	2.27E-01	2.27E+00	0.002	0.0002	0.000007	0.0000007
OCPs	beta-BHC	1.55E-02	5.65E-04	6.51E-02	3.28E-01	4.04E-05	38.93	6.34E-05	61.07	0.00E+00	0	0.00E+00	0	1.04E-04	5.60E-01	2.25E+00	0.0002	0.00005	0.0000006	0.0000002

TABLE I-3h : Potential Daily Dose and Hazard Quotients for Mourning Dove: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

BACKGROUND CONCENTRATIONS																				
Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.30E+01	2.60E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	5.57E-04	78.12	1.56E-04	21.88	0.00E+00	0	0.00E+00	0	7.13E-04	NC	NC	NC	NC	NC	NC
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	1.12E-02	60.784314	7.22E-03	39.215686	0.00E+00	0	0.00E+00	0	1.84E-02	2.88E+01	1.00E+02	0.0006	0.0002	0.0006	0.0002
Metals	Cadmium	6.46E-02	2.09E-02	2.19E-03	2.50E-02	1.68E-04	6.70	2.34E-03	93.30	0.00E+00	0	0.00E+00	0	2.51E-03	1.47E+00	7.80E+00	0.002	0.0003	0.002	0.0003
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	2.41E-02	60.82	1.55E-02	39.18	0.00E+00	0	0.00E+00	0	3.96E-02	1.63E+00	3.26E+00	0.02	0.01	0.02	0.01
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	2.27E-01	2.27E+00	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	5.60E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-3i: Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.43E+01	1.34E+01	1.24E+01	5.16E+00	2.64E-01	10.12	2.12E+00	81.50	2.18E-01	8.38	0.00E+00	0	2.60E+00	6.40E+00	3.20E+01	0.4	0.08	0.4	0.08
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	3.67E-04	3.09E-07	7.17E-05	2.72E-07	2.82E-06	68.30	4.89E-08	1.18	1.26E-06	30.51	0.00E+00	0	4.13E-06	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.69E-04	1.42E-07	3.29E-05	1.25E-07	1.30E-06	68.30	2.24E-08	1.18	5.79E-07	30.51	0.00E+00	0	1.90E-06	8.40E-06	3.10E-05	0.2	0.06	0.2	0.06
Metals	Antimony	2.20E+00	1.24E-02	3.52E-01	1.76E-02	1.69E-02	67.44	1.96E-03	7.83	6.20E-03	24.72	0.00E+00	0	2.51E-02	5.90E-02	5.90E-01	0.4	0.04	0.4	0.04
Metals	Boron	1.12E+02	1.68E+00	1.79E+00	3.58E+00	8.60E-01	74.30	2.66E-01	22.98	3.15E-02	2.72	0.00E+00	0	1.16E+00	2.80E+01	9.36E+01	0.04	0.01	0.04	0.01
Metals	Cadmium	8.88E+00	3.07E-01	1.10E-01	2.55E-01	6.82E-02	57.41	4.87E-02	40.97	1.93E-03	1.62	0.00E+00	0	1.19E-01	7.70E-01	7.70E+00	0.2	0.02	0.2	0.02
Metals	Lead	1.12E+02	5.61E-01	5.80E+00	2.78E+00	8.60E-01	81.84	8.89E-02	8.45	1.02E-01	9.70	0.00E+00	0	1.05E+00	4.70E+00	8.90E+00	0.2	0.1	0.2	0.1
OCPs	4,4'-DDE	9.10E-01	1.13E-02	1.75E+00	3.63E+01	6.99E-03	17.63	1.80E-03	4.53	3.09E-02	77.84	0.00E+00	0	3.96E-02	1.47E-01	7.35E-01	0.3	0.05	0.3	0.05
OCPs	4,4'-DDT	6.10E-01	8.39E-03	8.72E-01	2.15E+00	4.69E-03	21.94	1.33E-03	6.22	1.53E-02	71.83	0.00E+00	0	2.14E-02	1.47E-01	7.35E-01	0.1	0.03	0.1	0.03
OCPs	Calculated DDx (ND=0.5DL)	1.56E+00	1.70E-02	2.80E+00	1.35E+01	1.20E-02	18.76	2.70E-03	4.21	4.93E-02	77.02	0.00E+00	0	6.40E-02	1.47E-01	7.35E-01	0.4	0.09	0.4	0.09
OCPs	beta-BHC	1.50E-01	5.47E-03	6.30E-01	1.70E+00	1.15E-03	8.80	8.67E-04	6.61	1.11E-02	84.59	0.00E+00	0	1.31E-02	4.00E-01	2.00E+00	0.03	0.007	0.03	0.007

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	8.32E+00	5.82E+00	3.01E+00	1.25E+00	6.39E-02	6.16	9.22E-01	88.74	5.30E-02	5.10	0.00E+00	0	1.04E+00	6.40E+00	3.20E+01	0.2	0.03	0.2	0.03
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	6.31E-05	5.30E-08	1.23E-05	4.68E-08	4.85E-07	68.30	8.40E-09	1.18	2.17E-07	30.51	0.00E+00	0	7.10E-07	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.79E-05	2.34E-08	5.43E-06	2.06E-08	2.14E-07	68.30	3.71E-09	1.18	9.56E-08	30.51	0.00E+00	0	3.13E-07	8.40E-06	3.10E-05	0.04	0.01	0.04	0.01
Metals	Antimony	9.50E-01	5.64E-03	1.52E-01	7.60E-03	7.30E-03	67.16	8.93E-04	8.22	2.68E-03	24.62	0.00E+00	0	1.09E-02	5.90E-02	5.90E-01	0.2	0.02	0.2	0.02
Metals	Boron	3.16E+01	4.74E-01	5.06E-01	1.01E+00	2.43E-01	74.30	7.52E-02	22.98	8.91E-03	2.72	0.00E+00	0	3.27E-01	2.80E+01	9.36E+01	0.01	0.003	0.01	0.003
Metals	Cadmium	1.56E+00	1.19E-01	2.75E-02	1.12E-01	1.20E-02	38.26	1.88E-02	60.19	4.84E-04	1.55	0.00E+00	0	3.13E-02	7.70E-01	7.70E+00	0.04	0.004	0.04	0.004
Metals	Lead	2.89E+01	2.62E-01	1.94E+00	1.53E+00	2.22E-01	74.56	4.16E-02	13.96	3.42E-02	11.48	0.00E+00	0	2.98E-01	4.70E+00	8.90E+00	0.06	0.03	0.06	0.03
OCPs	4,4'-DDE	2.46E-01	4.24E-03	5.54E-01	1.73E+01	1.89E-03	15.35	6.71E-04	5.45	9.76E-03	79.21	0.00E+00	0	1.23E-02	1.47E-01	7.35E-01	0.08	0.02	0.08	0.02
OCPs	4,4'-DDT	1.43E-01	2.82E-03	2.48E-01	8.64E-01	1.10E-03	18.64	4.47E-04	7.57	4.36E-03	73.79	0.00E+00	0	5.91E-03	1.47E-01	7.35E-01	0.04	0.008	0.04	0.008
OCPs	Calculated DDx (ND=0.5DL)	3.60E-01	5.64E-03	6.46E-01	3.12E+00	2.77E-03	18.42	8.94E-04	5.95	1.14E-02	75.63	0.00E+00	0	1.50E-02	1.47E-01	7.35E-01	0.1	0.02	0.1	0.02
OCPs	beta-BHC	4.04E-02	1.47E-03	1.70E-01	6.56E-01	3.10E-04	8.80	2.33E-04	6.61	2.98E-03	84.59	0.00E+00	0	3.53E-03	4.00E-01	2.00E+00	0.009	0.002	0.009	0.002

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.47E+00	4.03E+00	1.61E+00	6.72E-01	3.43E-02	4.89	6.39E-01	91.06	2.84E-02	4.05	0.00E+00	0	7.02E-01	6.40E+00	3.20E+01	0.1	0.02	0.1	0.02
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	2.36E-05	1.98E-08	4.60E-06	1.75E-08	1.81E-07	68.30	3.14E-09	1.18	8.10E-08	30.51	0.00E+00	0	2.65E-07	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.03E-05	8.67E-09	2.01E-06	7.65E-09	7.93E-08	68.30	1.37E-09	1.18	3.54E-08	30.51	0.00E+00	0	1.16E-07	8.40E-06	3.10E-05	0.01	0.004	0.01	0.004
Metals	Antimony	7.16E-01	4.32E-03	1.15E-01	5.73E-03	5.50E-03	67.07	6.85E-04	8.35	2.02E-03	24.58	0.00E+00	0	8.20E-03	5.90E-02	5.90E-01	0.1	0.01	0.1	0.01
Metals	Boron	1.88E+01	2.82E-01	3.01E-01	6.02E-01	1.45E-01	74.30	4.47E-02	22.98	5.30E-03	2.72	0.00E+00	0	1.95E-01	2.80E+01	9.36E+01	0.007	0.002	0.007	0.002
Metals	Cadmium	4.97E-01	6.37E-02	1.11E-02	6.54E-02	3.82E-03	27.07	1.01E-02	71.54	1.95E-04	1.38	0.00E+00	0	1.41E-02	7.70E-01	7.70E+00	0.02	0.002	0.02	0.002
Metals	Lead	1.70E+01	1.95E-01	1.26E+00	1.21E+00	1.30E-01	71.07	3.08E-02	16.80	2.23E-02	12.13	0.00E+00	0	1.84E-01	4.70E+00	8.90E+00	0.04	0.02	0.04	0.02
OCPs	4,4'-DDE	5.66E-02	1.40E-03	1.52E-01	7.56E+00	4.35E-04	13.05	2.22E-04	6.67	2.67E-03	80.29	0.00E+00	0	3.33E-03	1.47E-01	7.35E-01	0.02	0.005	0.02	0.005
OCPs	4,4'-DDT	4.16E-02	1.11E-03	8.45E-02	3.96E-01	3.19E-04	16.11	1.76E-04	8.88	1.49E-03	75.01	0.00E+00	0	1.98E-03	1.47E-01	7.35E-01	0.01	0.003	0.01	0.003
OCPs	Calculated DDx (ND=0.5DL)	1.02E-01	2.19E-03	1.84E-01	8.87E-01	7.87E-04	18.03	3.47E-04	7.95	3.23E-03	74.02	0.00E+00	0	4.36E-03	1.47E-01	7.35E-01	0.03	0.006	0.03	0.006
OCPs	beta-BHC	1.55E-02	5.65E-04	6.51E-02	3.28E-01	1.19E-04	8.80	8.96E-05	6.61	1.15E-03	84.59	0.00E+00	0	1.35E-03	4.00E-01	2.00E+00	0.003	0.0007	0.003	0.0007

TABLE I-3i: Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse: Eco DU-2
Nevada Environmental Response Trust Site
Henderson, Nevada

BACKGROUND CONCENTRATIONS																		
Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Metals	Antimony	2.14E-01	1.39E-03	3.42E-02	1.71E-03	1.64E-03	66.63	2.20E-04	8.94	6.01E-04	24.42	0.00E+00	0	2.46E-03	5.90E-02	5.90E-01	0.04	0.004	0.04	0.004
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	3.29E-02	74.30	1.02E-02	22.98	1.21E-03	2.72	0.00E+00	0	4.43E-02	2.80E+01	9.36E+01	0.002	0.0005	0.002	0.0005
Metals	Cadmium	6.46E-02	2.09E-02	2.19E-03	2.50E-02	4.96E-04	12.90	3.31E-03	86.10	3.85E-05	1.00	0.00E+00	0	3.84E-03	7.70E-01	7.70E+00	0.005	0.0005	0.005	0.0005
Metals	Lead	9.24E+00	1.38E-01	7.74E-01	9.23E-01	7.10E-02	66.63	2.19E-02	20.58	1.36E-02	12.79	0.00E+00	0	1.07E-01	4.70E+00	8.90E+00	0.02	0.01	0.02	0.01
OCPs	4,4'-DDE	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	4,4'-DDT	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	Calculated DDx (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.47E-01	7.35E-01	No BKG	No BKG	No BKG	No BKG
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

APPENDIX I-4
ECO DU-3

Table I-4a Potential Daily Dose and Hazard Quotients for Coppers Hawk: Eco DU-3

Table I-4b Potential Daily Dose and Hazard Quotients for Kit Fox: Eco DU-3

Table I-4c Potential Daily Dose and Hazard Quotients for Western Burrowing Owl: Eco DU-3

Table I-4d Potential Daily Dose and Hazard Quotients for American Robin: Eco DU-3

Table I-4e Potential Daily Dose and Hazard Quotients for Desert Shrew: Eco DU-3

Table I-4f Potential Daily Dose and Hazard Quotients for Fringed Myotis: Eco DU-3

Table I-4g Potential Daily Dose and Hazard Quotients for Raccoon: Eco DU-3

Table I-4h Potential Daily Dose and Hazard Quotients for Mourning Dove: Eco DU-3

Table I-4i Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse: Eco DU-3

TABLE I-4a: Potential Daily Dose and Hazard Quotients for Coopers Hawk: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.017) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.69E+03	1.33E+02	6.11E+02	2.54E+02	0.00E+00	0	0.00E+00	0	0.00E+00	0	4.19E+01	100	4.19E+01	1.30E+01	2.60E+01	3	2	0.05	0.03
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.26E-03	3.58E-06	8.31E-04	3.16E-06	0.00E+00	0	0.00E+00	0	0.00E+00	0	5.21E-07	100	5.21E-07	1.40E-05	1.40E-04	0.04	0.004	0.0006	0.00006
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.08E-03	1.75E-06	4.06E-04	1.54E-06	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.54E-07	100	2.54E-07	NA	NA	NA	NA	NA	NA
OCPs	4,4'-DDE	6.50E-02	1.56E-03	1.72E-01	8.18E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.35E+00	100	1.35E+00	2.27E-01	2.27E+00	6	0.6	0.1	0.01
OCPs	4,4'-DDT	5.70E-02	1.41E-03	1.11E-01	4.83E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	7.97E-02	100	7.97E-02	2.27E-01	2.27E+00	0.4	0.04	0.006	0.0006
OCPs	Calculated DDx (ND=0.5DL)	1.27E-01	2.58E-03	2.28E-01	1.10E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.81E-01	100	1.81E-01	2.27E-01	2.27E+00	0.8	0.08	0.01	0.001
OCPs	beta-BHC	5.20E-02	1.90E-03	2.18E-01	7.88E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.30E-01	100	1.30E-01	5.60E-01	2.25E+00	0.2	0.06	0.004	0.001
OCPs	Hexachlorobenzene	7.60E-01	1.74E-03	5.54E+00	2.43E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	4.01E-02	100	4.01E-02	2.25E-01	2.25E+00	0.2	0.02	0.003	0.0003
SVOCs	Octachlorostyrene	6.80E-01	1.02E-01	1.09E-01	2.18E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.59E-02	100	3.59E-02	2.48E+00	2.48E+01	0.01	0.001	0.0002	0.00002

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.017) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	6.22E+02	7.39E+01	2.25E+02	9.35E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.54E+01	100	1.54E+01	1.30E+01	2.60E+01	**1**	0.6	0.02	0.01
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.03E-03	8.69E-07	2.02E-04	7.66E-07	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.26E-07	100	1.26E-07	1.40E-05	1.40E-04	0.009	0.0009	0.0002	0.00002
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	5.28E-04	4.43E-07	1.03E-04	3.91E-07	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.45E-08	100	6.45E-08	NA	NA	NA	NA	NA	NA
OCPs	4,4'-DDE	4.00E-02	1.08E-03	1.12E-01	6.22E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.03E+00	100	1.03E+00	2.27E-01	2.27E+00	5	0.5	0.08	0.008
OCPs	4,4'-DDT	4.15E-02	1.11E-03	8.44E-02	3.95E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.52E-02	100	6.52E-02	2.27E-01	2.27E+00	0.3	0.03	0.005	0.0005
OCPs	Calculated DDx (ND=0.5DL)	8.55E-02	1.91E-03	1.53E-01	7.40E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.22E-01	100	1.22E-01	2.27E-01	2.27E+00	0.5	0.05	0.009	0.0009
OCPs	beta-BHC	3.07E-02	1.12E-03	1.29E-01	5.38E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	8.87E-02	100	8.87E-02	5.60E-01	2.25E+00	0.2	0.04	0.003	0.0007
OCPs	Hexachlorobenzene	1.85E-01	4.23E-04	1.35E+00	5.91E-02	0.00E+00	0	0.00E+00	0	0.00E+00	0	9.75E-03	100	9.75E-03	2.25E-01	2.25E+00	0.04	0.004	0.0007	0.00007
SVOCs	Octachlorostyrene	1.38E-01	2.06E-02	2.20E-02	4.40E-02	0.00E+00	0	0.00E+00	0	0.00E+00	0	7.26E-03	100	7.26E-03	2.48E+00	2.48E+01	0.003	0.0003	0.00005	0.000005

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.017) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.91E+02	5.62E+01	1.41E+02	5.88E+01	0.00E+00	0	0.00E+00	0	0.00E+00	0	9.71E+00	100	9.71E+00	1.30E+01	2.60E+01	0.7	0.4	0.01	0.006
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.31E-04	3.62E-07	8.41E-05	3.20E-07	0.00E+00	0	0.00E+00	0	0.00E+00	0	5.27E-08	100	5.27E-08	1.40E-05	1.40E-04	0.004	0.0004	0.00006	0.000006
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.12E-04	1.78E-07	4.14E-05	1.57E-07	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.59E-08	100	2.59E-08	NA	NA	NA	NA	NA	NA
OCPs	4,4'-DDE	1.74E-02	5.76E-04	5.37E-02	3.88E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.41E-01	100	6.41E-01	2.27E-01	2.27E+00	3	0.3	0.05	0.005
OCPs	4,4'-DDT	1.85E-02	6.06E-04	4.19E-02	2.38E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.93E-02	100	3.93E-02	2.27E-01	2.27E+00	0.2	0.02	0.003	0.0003
OCPs	Calculated DDx (ND=0.5DL)	3.82E-02	1.04E-03	6.85E-02	3.31E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	5.46E-02	100	5.46E-02	2.27E-01	2.27E+00	0.2	0.02	0.004	0.0004
OCPs	beta-BHC	1.34E-02	4.89E-04	5.63E-02	2.95E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	4.87E-02	100	4.87E-02	5.60E-01	2.25E+00	0.09	0.02	0.001	0.0004
OCPs	Hexachlorobenzene	1.17E-01	2.68E-04	8.53E-01	3.75E-02	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.18E-03	100	6.18E-03	2.25E-01	2.25E+00	0.03	0.003	0.0005	0.00005
SVOCs	Octachlorostyrene	7.32E-02	1.10E-02	1.17E-02	2.34E-02	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.87E-03	100	3.87E-03	2.48E+00	2.48E+01	0.002	0.0002	0.00003	0.000003

TABLE I-4a: Potential Daily Dose and Hazard Quotients for Coopers Hawk: Eco DU-3

Nevada Environmental Response Trust Site

Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NA = Not applicable
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.
(e) Background data not available for retained constituents.

TABLE I-4b: Potential Daily Dose and Hazard Quotients for Kit Fox: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0031) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.69E+03	1.33E+02	6.11E+02	2.54E+02	1.40E+00	5.29	0.00E+00	0	0.00E+00	0	2.50E+01	94.71	2.64E+01	6.40E+00	3.20E+01	4	0.8	0.01	0.003
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.26E-03	3.58E-06	8.31E-04	3.16E-06	3.52E-06	91.90	0.00E+00	0	0.00E+00	0	3.10E-07	8.10	3.83E-06	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.08E-03	1.75E-06	4.06E-04	1.54E-06	1.72E-06	91.90	0.00E+00	0	0.00E+00	0	1.52E-07	8.10	1.87E-06	8.40E-06	3.10E-05	0.2	0.06	0.0007	0.0002
OCPs	4,4'-DDE	6.50E-02	1.56E-03	1.72E-01	8.18E+00	5.37E-05	0.01	0.00E+00	0	0.00E+00	0	8.04E-01	99.99	8.04E-01	1.47E-01	7.35E-01	5	**1**	0.02	0.003
OCPs	4,4'-DDT	5.70E-02	1.41E-03	1.11E-01	4.83E-01	4.71E-05	0.10	0.00E+00	0	0.00E+00	0	4.75E-02	99.90	4.75E-02	1.47E-01	7.35E-01	0.3	0.06	0.001	0.0002
OCPs	Calculated DDx (ND=0.5DL)	1.27E-01	2.58E-03	2.28E-01	1.10E+00	1.05E-04	0.10	0.00E+00	0	0.00E+00	0	1.08E-01	99.90	1.08E-01	1.47E-01	7.35E-01	0.7	0.1	0.002	0.0005
OCPs	beta-BHC	5.20E-02	1.90E-03	2.18E-01	7.88E-01	4.30E-05	0.06	0.00E+00	0	0.00E+00	0	7.75E-02	99.94	7.75E-02	4.00E-01	2.00E+00	0.2	0.04	0.0006	0.0001
OCPs	Hexachlorobenzene	7.60E-01	1.74E-03	5.54E+00	2.43E-01	6.28E-04	2.56	0.00E+00	0	0.00E+00	0	2.39E-02	97.44	2.45E-02	1.60E+00	1.60E+01	0.02	0.002	0.00005	0.000005
SVOCs	Octachlorostyrene	6.80E-01	1.02E-01	1.09E-01	2.18E-01	5.62E-04	2.56	0.00E+00	0	0.00E+00	0	2.14E-02	97.44	2.20E-02	2.63E+00	2.63E+01	0.008	0.0008	0.00003	0.000003

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0031) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	6.22E+02	7.39E+01	2.25E+02	9.35E+01	5.14E-01	5.29	0.00E+00	0	0.00E+00	0	9.19E+00	94.71	9.71E+00	6.40E+00	3.20E+01	2	0.3	0.005	0.0009
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.03E-03	8.69E-07	2.02E-04	7.66E-07	8.55E-07	91.90	0.00E+00	0	0.00E+00	0	7.53E-08	8.10	9.30E-07	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	5.28E-04	4.43E-07	1.03E-04	3.91E-07	4.36E-07	91.90	0.00E+00	0	0.00E+00	0	3.84E-08	8.10	4.75E-07	8.40E-06	3.10E-05	0.06	0.02	0.0002	0.00005
OCPs	4,4'-DDE	4.00E-02	1.08E-03	1.12E-01	6.22E+00	3.31E-05	0.01	0.00E+00	0	0.00E+00	0	6.11E-01	99.99	6.11E-01	1.47E-01	7.35E-01	4	0.8	0.01	0.003
OCPs	4,4'-DDT	4.15E-02	1.11E-03	8.44E-02	3.95E-01	3.43E-05	0.09	0.00E+00	0	0.00E+00	0	3.89E-02	99.91	3.89E-02	1.47E-01	7.35E-01	0.3	0.05	0.0008	0.0002
OCPs	Calculated DDx (ND=0.5DL)	8.55E-02	1.91E-03	1.53E-01	7.40E-01	7.07E-05	0.10	0.00E+00	0	0.00E+00	0	7.28E-02	99.90	7.28E-02	1.47E-01	7.35E-01	0.5	0.1	0.002	0.0003
OCPs	beta-BHC	3.07E-02	1.12E-03	1.29E-01	5.38E-01	2.54E-05	0.05	0.00E+00	0	0.00E+00	0	5.29E-02	99.95	5.29E-02	4.00E-01	2.00E+00	0.1	0.03	0.0004	0.00008
OCPs	Hexachlorobenzene	1.85E-01	4.23E-04	1.35E+00	5.91E-02	1.53E-04	2.56	0.00E+00	0	0.00E+00	0	5.81E-03	97.44	5.96E-03	1.60E+00	1.60E+01	0.004	0.0004	0.00001	0.000001
SVOCs	Octachlorostyrene	1.38E-01	2.06E-02	2.20E-02	4.40E-02	1.14E-04	2.56	0.00E+00	0	0.00E+00	0	4.33E-03	97.44	4.44E-03	2.63E+00	2.63E+01	0.002	0.0002	0.000005	0.0000005

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0031) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.91E+02	5.62E+01	1.41E+02	5.88E+01	3.23E-01	5.29	0.00E+00	0	0.00E+00	0	5.78E+00	94.71	6.11E+00	6.40E+00	3.20E+01	**1**	0.2	0.003	0.0006
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.31E-04	3.62E-07	8.41E-05	3.20E-07	3.57E-07	91.90	0.00E+00	0	0.00E+00	0	3.14E-08	8.10	3.88E-07	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.12E-04	1.78E-07	4.14E-05	1.57E-07	1.75E-07	91.90	0.00E+00	0	0.00E+00	0	1.55E-08	8.10	1.91E-07	8.40E-06	3.10E-05	0.02	0.006	0.00007	0.00002
OCPs	4,4'-DDE	1.74E-02	5.76E-04	5.37E-02	3.88E+00	1.43E-05	0.00	0.00E+00	0	0.00E+00	0	3.82E-01	100.00	3.82E-01	1.47E-01	7.35E-01	3	0.5	0.008	0.002
OCPs	4,4'-DDT	1.85E-02	6.06E-04	4.19E-02	2.38E-01	1.53E-05	0.07	0.00E+00	0	0.00E+00	0	2.34E-02	99.93	2.34E-02	1.47E-01	7.35E-01	0.2	0.03	0.0005	0.0001
OCPs	Calculated DDx (ND=0.5DL)	3.82E-02	1.04E-03	6.85E-02	3.31E-01	3.16E-05	0.10	0.00E+00	0	0.00E+00	0	3.25E-02	99.90	3.26E-02	1.47E-01	7.35E-01	0.2	0.04	0.0007	0.0001
OCPs	beta-BHC	1.34E-02	4.89E-04	5.63E-02	2.95E-01	1.11E-05	0.04	0.00E+00	0	0.00E+00	0	2.90E-02	99.96	2.90E-02	4.00E-01	2.00E+00	0.07	0.01	0.0002	0.00004
OCPs	Hexachlorobenzene	1.17E-01	2.68E-04	8.53E-01	3.75E-02	9.68E-05	2.56	0.00E+00	0	0.00E+00	0	3.68E-03	97.44	3.78E-03	1.60E+00	1.60E+01	0.002	0.0002	0.000007	0.0000007
SVOCs	Octachlorostyrene	7.32E-02	1.10E-02	1.17E-02	2.34E-02	6.05E-05	2.56	0.00E+00	0	0.00E+00	0	2.30E-03	97.44	2.36E-03	2.63E+00	2.63E+01	0.0009	0.00009	0.000003	0.0000003

TABLE I-4b: Potential Daily Dose and Hazard Quotients for Kit Fox: Eco DU-3

Nevada Environmental Response Trust Site

Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NA = Not applicable
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.
(e) Background data not available for retained constituents.

TABLE I-4c: Potential Daily Dose and Hazard Quotients for Western Burrowing Owl: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.03) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.69E+03	1.33E+02	6.11E+02	2.54E+02	7.29E+00	4.64	0.00E+00	0	1.32E+02	83.75	1.83E+01	11.61	1.57E+02	1.30E+01	2.60E+01	10	6	0.4	0.2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.26E-03	3.58E-06	8.31E-04	3.16E-06	1.84E-05	9.30	0.00E+00	0	1.79E-04	90.59	2.27E-07	0.11	1.98E-04	1.40E-05	1.40E-04	10	**1**	0.4	0.04
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.08E-03	1.75E-06	4.06E-04	1.54E-06	8.98E-06	9.30	0.00E+00	0	8.75E-05	90.59	1.11E-07	0.11	9.66E-05	NA	NA	NA	NA	NA	NA
OCPs	4,4'-DDE	6.50E-02	1.56E-03	1.72E-01	8.18E+00	2.80E-04	0.04	0.00E+00	0	3.70E-02	5.92	5.88E-01	94.03	6.25E-01	2.27E-01	2.27E+00	3	0.3	0.08	0.008
OCPs	4,4'-DDT	5.70E-02	1.41E-03	1.11E-01	4.83E-01	2.46E-04	0.42	0.00E+00	0	2.40E-02	40.67	3.47E-02	58.91	5.89E-02	2.27E-01	2.27E+00	0.3	0.03	0.008	0.0008
OCPs	Calculated DDx (ND=0.5DL)	1.27E-01	2.58E-03	2.28E-01	1.10E+00	5.48E-04	0.43	0.00E+00	0	4.91E-02	38.15	7.90E-02	61.42	1.29E-01	2.27E-01	2.27E+00	0.6	0.06	0.02	0.002
OCPs	beta-BHC	5.20E-02	1.90E-03	2.18E-01	7.88E-01	2.24E-04	0.22	0.00E+00	0	4.70E-02	45.28	5.66E-02	54.50	1.04E-01	5.60E-01	2.25E+00	0.2	0.05	0.006	0.001
OCPs	Hexachlorobenzene	7.60E-01	1.74E-03	5.54E+00	2.43E-01	3.28E-03	0.27	0.00E+00	0	1.19E+00	98.29	1.75E-02	1.44	1.21E+00	2.25E-01	2.25E+00	5	0.5	0.2	0.02
SVOCs	Octachlorostyrene	6.80E-01	1.02E-01	1.09E-01	2.18E-01	2.93E-03	6.98	0.00E+00	0	2.34E-02	55.81	1.56E-02	37.21	4.20E-02	2.48E+00	2.48E+01	0.02	0.002	0.0005	0.00005

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.03) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	6.22E+02	7.39E+01	2.25E+02	9.35E+01	2.68E+00	4.64	0.00E+00	0	4.85E+01	83.75	6.72E+00	11.61	5.79E+01	1.30E+01	2.60E+01	4	2	0.1	0.07
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.03E-03	8.69E-07	2.02E-04	7.66E-07	4.46E-06	9.30	0.00E+00	0	4.35E-05	90.59	5.50E-08	0.11	4.80E-05	1.40E-05	1.40E-04	3	0.3	0.1	0.01
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	5.28E-04	4.43E-07	1.03E-04	3.91E-07	2.28E-06	9.30	0.00E+00	0	2.22E-05	90.59	2.81E-08	0.11	2.45E-05	NA	NA	NA	NA	NA	NA
OCPs	4,4'-DDE	4.00E-02	1.08E-03	1.12E-01	6.22E+00	1.73E-04	0.04	0.00E+00	0	2.41E-02	5.12	4.47E-01	94.84	4.71E-01	2.27E-01	2.27E+00	2	0.2	0.06	0.006
OCPs	4,4'-DDT	4.15E-02	1.11E-03	8.44E-02	3.95E-01	1.79E-04	0.38	0.00E+00	0	1.82E-02	38.87	2.84E-02	60.74	4.68E-02	2.27E-01	2.27E+00	0.2	0.02	0.006	0.0006
OCPs	Calculated DDx (ND=0.5DL)	8.55E-02	1.91E-03	1.53E-01	7.40E-01	3.69E-04	0.43	0.00E+00	0	3.30E-02	38.15	5.32E-02	61.42	8.66E-02	2.27E-01	2.27E+00	0.4	0.04	0.01	0.001
OCPs	beta-BHC	3.07E-02	1.12E-03	1.29E-01	5.38E-01	1.32E-04	0.20	0.00E+00	0	2.78E-02	41.74	3.86E-02	58.06	6.65E-02	5.60E-01	2.25E+00	0.1	0.03	0.004	0.0009
OCPs	Hexachlorobenzene	1.85E-01	4.23E-04	1.35E+00	5.91E-02	7.97E-04	0.27	0.00E+00	0	2.90E-01	98.29	4.24E-03	1.44	2.95E-01	2.25E-01	2.25E+00	**1**	0.1	0.04	0.004
SVOCs	Octachlorostyrene	1.38E-01	2.06E-02	2.20E-02	4.40E-02	5.93E-04	6.98	0.00E+00	0	4.74E-03	55.81	3.16E-03	37.21	8.50E-03	2.48E+00	2.48E+01	0.003	0.0003	0.0001	0.00001

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.03) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.91E+02	5.62E+01	1.41E+02	5.88E+01	1.69E+00	4.64	0.00E+00	0	3.05E+01	83.75	4.23E+00	11.61	3.64E+01	1.30E+01	2.60E+01	3	**1**	0.08	0.04
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.31E-04	3.62E-07	8.41E-05	3.20E-07	1.86E-06	9.30	0.00E+00	0	1.81E-05	90.59	2.30E-08	0.11	2.00E-05	1.40E-05	1.40E-04	**1**	0.1	0.04	0.004
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.12E-04	1.78E-07	4.14E-05	1.57E-07	9.15E-07	9.30	0.00E+00	0	8.92E-06	90.59	1.13E-08	0.11	9.84E-06	NA	NA	NA	NA	NA	NA
OCPs	4,4'-DDE	1.74E-02	5.76E-04	5.37E-02	3.88E+00	7.49E-05	0.03	0.00E+00	0	1.16E-02	3.98	2.79E-01	95.99	2.91E-01	2.27E-01	2.27E+00	**1**	0.1	0.04	0.004
OCPs	4,4'-DDT	1.85E-02	6.06E-04	4.19E-02	2.38E-01	8.00E-05	0.31	0.00E+00	0	9.03E-03	34.45	1.71E-02	65.24	2.62E-02	2.27E-01	2.27E+00	0.1	0.01	0.003	0.0003
OCPs	Calculated DDx (ND=0.5DL)	3.82E-02	1.04E-03	6.85E-02	3.31E-01	1.65E-04	0.43	0.00E+00	0	1.48E-02	38.15	2.38E-02	61.42	3.87E-02	2.27E-01	2.27E+00	0.2	0.02	0.005	0.0005
OCPs	beta-BHC	1.34E-02	4.89E-04	5.63E-02	2.95E-01	5.79E-05	0.17	0.00E+00	0	1.21E-02	36.35	2.12E-02	63.47	3.34E-02	5.60E-01	2.25E+00	0.06	0.01	0.002	0.0004
OCPs	Hexachlorobenzene	1.17E-01	2.68E-04	8.53E-01	3.75E-02	5.05E-04	0.27	0.00E+00	0	1.84E-01	98.29	2.69E-03	1.44	1.87E-01	2.25E-01	2.25E+00	0.8	0.08	0.02	0.002
SVOCs	Octachlorostyrene	7.32E-02	1.10E-02	1.17E-02	2.34E-02	3.16E-04	6.98	0.00E+00	0	2.52E-03	55.81	1.68E-03	37.21	4.52E-03	2.48E+00	2.48E+01	0.002	0.0002	0.00005	0.000005

TABLE I-4c: Potential Daily Dose and Hazard Quotients for Western Burrowing Owl: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.
(e) Background data not available for retained constituents.

TABLE I-4d: Potential Daily Dose and Hazard Quotients for American Robin: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.69E+03	1.33E+02	6.11E+02	2.54E+02	1.02E+01	2.22	8.02E+01	17.49	3.68E+02	80.29	0.00E+00	0	4.59E+02	1.30E+01	2.60E+01	40	20	40	20
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.26E-03	3.58E-06	8.31E-04	3.16E-06	2.57E-05	4.86	2.16E-06	0.41	5.01E-04	94.74	0.00E+00	0	5.28E-04	1.40E-05	1.40E-04	40	4	40	4
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.08E-03	1.75E-06	4.06E-04	1.54E-06	1.25E-05	4.86	1.05E-06	0.41	2.45E-04	94.74	0.00E+00	0	2.58E-04	NA	NA	NA	NA	NA	NA
OCPs	4,4'-DDE	6.50E-02	1.56E-03	1.72E-01	8.18E+00	3.92E-04	0.37	9.38E-04	0.89	1.03E-01	98.73	0.00E+00	0	1.05E-01	2.27E-01	2.27E+00	0.5	0.05	0.5	0.05
OCPs	4,4'-DDT	5.70E-02	1.41E-03	1.11E-01	4.83E-01	3.43E-04	0.50	8.49E-04	1.25	6.70E-02	98.25	0.00E+00	0	6.82E-02	2.27E-01	2.27E+00	0.3	0.03	0.3	0.03
OCPs	Calculated DDx (ND=0.5DL)	1.27E-01	2.58E-03	2.28E-01	1.10E+00	7.65E-04	0.55	1.55E-03	1.11	1.37E-01	98.34	0.00E+00	0	1.39E-01	2.27E-01	2.27E+00	0.6	0.06	0.6	0.06
OCPs	beta-BHC	5.20E-02	1.90E-03	2.18E-01	7.88E-01	3.13E-04	0.24	1.14E-03	0.86	1.32E-01	98.91	0.00E+00	0	1.33E-01	5.60E-01	2.25E+00	0.2	0.06	0.2	0.06
OCPs	Hexachlorobenzene	7.60E-01	1.74E-03	5.54E+00	2.43E-01	4.58E-03	0.14	1.05E-03	0.03	3.34E+00	99.83	0.00E+00	0	3.34E+00	2.25E-01	2.25E+00	10	1	10	1
SVOCs	Octachlorostyrene	6.80E-01	1.02E-01	1.09E-01	2.18E-01	4.10E-03	3.12	6.15E-02	46.88	6.56E-02	50.00	0.00E+00	0	1.31E-01	2.48E+00	2.48E+01	0.05	0.005	0.05	0.005

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	6.22E+02	7.39E+01	2.25E+02	9.35E+01	3.75E+00	2.04	4.45E+01	24.23	1.35E+02	73.74	0.00E+00	0	1.84E+02	1.30E+01	2.60E+01	10	7	10	7
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.03E-03	8.69E-07	2.02E-04	7.66E-07	6.23E-06	4.86	5.23E-07	0.41	1.21E-04	94.74	0.00E+00	0	1.28E-04	1.40E-05	1.40E-04	9	0.9	9	0.9
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	5.28E-04	4.43E-07	1.03E-04	3.91E-07	3.18E-06	4.86	2.67E-07	0.41	6.20E-05	94.74	0.00E+00	0	6.54E-05	NA	NA	NA	NA	NA	NA
OCPs	4,4'-DDE	4.00E-02	1.08E-03	1.12E-01	6.22E+00	2.41E-04	0.35	6.51E-04	0.95	6.75E-02	98.70	0.00E+00	0	6.84E-02	2.27E-01	2.27E+00	0.3	0.03	0.3	0.03
OCPs	4,4'-DDT	4.15E-02	1.11E-03	8.44E-02	3.95E-01	2.50E-04	0.48	6.69E-04	1.29	5.08E-02	98.22	0.00E+00	0	5.17E-02	2.27E-01	2.27E+00	0.2	0.02	0.2	0.02
OCPs	Calculated DDx (ND=0.5DL)	8.55E-02	1.91E-03	1.53E-01	7.40E-01	5.15E-04	0.55	1.15E-03	1.23	9.23E-02	98.23	0.00E+00	0	9.40E-02	2.27E-01	2.27E+00	0.4	0.04	0.4	0.04
OCPs	beta-BHC	3.07E-02	1.12E-03	1.29E-01	5.38E-01	1.85E-04	0.24	6.75E-04	0.86	7.76E-02	98.91	0.00E+00	0	7.85E-02	5.60E-01	2.25E+00	0.1	0.03	0.1	0.03
OCPs	Hexachlorobenzene	1.85E-01	4.23E-04	1.35E+00	5.91E-02	1.11E-03	0.14	2.55E-04	0.03	8.11E-01	99.83	0.00E+00	0	8.12E-01	2.25E-01	2.25E+00	4	0.4	4	0.4
SVOCs	Octachlorostyrene	1.38E-01	2.06E-02	2.20E-02	4.40E-02	8.28E-04	3.12	1.24E-02	46.88	1.33E-02	50.00	0.00E+00	0	2.65E-02	2.48E+00	2.48E+01	0.01	0.001	0.01	0.001

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.91E+02	5.62E+01	1.41E+02	5.88E+01	2.36E+00	1.94	3.39E+01	27.89	8.52E+01	70.17	0.00E+00	0	1.21E+02	1.30E+01	2.60E+01	9	5	9	5
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.31E-04	3.62E-07	8.41E-05	3.20E-07	2.60E-06	4.86	2.18E-07	0.41	5.07E-05	94.74	0.00E+00	0	5.35E-05	1.40E-05	1.40E-04	4	0.4	4	0.4
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.12E-04	1.78E-07	4.14E-05	1.57E-07	1.28E-06	4.86	1.07E-07	0.41	2.49E-05	94.74	0.00E+00	0	2.63E-05	NA	NA	NA	NA	NA	NA
OCPs	4,4'-DDE	1.74E-02	5.76E-04	5.37E-02	3.88E+00	1.05E-04	0.32	3.47E-04	1.06	3.23E-02	98.62	0.00E+00	0	3.28E-02	2.27E-01	2.27E+00	0.1	0.01	0.1	0.01
OCPs	4,4'-DDT	1.85E-02	6.06E-04	4.19E-02	2.38E-01	1.12E-04	0.43	3.65E-04	1.42	2.52E-02	98.15	0.00E+00	0	2.57E-02	2.27E-01	2.27E+00	0.1	0.01	0.1	0.01
OCPs	Calculated DDx (ND=0.5DL)	3.82E-02	1.04E-03	6.85E-02	3.31E-01	2.30E-04	0.55	6.29E-04	1.49	4.13E-02	97.96	0.00E+00	0	4.21E-02	2.27E-01	2.27E+00	0.2	0.02	0.2	0.02
OCPs	beta-BHC	1.34E-02	4.89E-04	5.63E-02	2.95E-01	8.08E-05	0.24	2.95E-04	0.86	3.39E-02	98.91	0.00E+00	0	3.43E-02	5.60E-01	2.25E+00	0.06	0.02	0.06	0.02
OCPs	Hexachlorobenzene	1.17E-01	2.68E-04	8.53E-01	3.75E-02	7.05E-04	0.14	1.61E-04	0.03	5.14E-01	99.83	0.00E+00	0	5.15E-01	2.25E-01	2.25E+00	2	0.2	2	0.2
SVOCs	Octachlorostyrene	7.32E-02	1.10E-02	1.17E-02	2.34E-02	4.41E-04	3.12	6.62E-03	46.88	7.06E-03	50.00	0.00E+00	0	1.41E-02	2.48E+00	2.48E+01	0.006	0.0006	0.006	0.0006

TABLE I-4d: Potential Daily Dose and Hazard Quotients for American Robin: Eco DU-3

Nevada Environmental Response Trust Site

Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.
(e) Background data not available for retained constituents.

TABLE I-4e: Potential Daily Dose and Hazard Quotients for Desert Shrew: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.69E+03	1.33E+02	6.11E+02	2.54E+02	3.79E+01	10.01	0.00E+00	0	3.34E+02	88.06	7.31E+00	1.928	3.79E+02	6.40E+00	3.20E+01	60	10	60	10
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.26E-03	3.58E-06	8.31E-04	3.16E-06	9.56E-05	17.40	0.00E+00	0	4.54E-04	82.58	9.08E-08	0.017	5.50E-04	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.08E-03	1.75E-06	4.06E-04	1.54E-06	4.67E-05	17.40	0.00E+00	0	2.22E-04	82.58	4.43E-08	0.017	2.68E-04	8.40E-06	3.10E-05	30	9	30	9
OCPs	4,4'-DDE	6.50E-02	1.56E-03	1.72E-01	8.18E+00	1.46E-03	0.44	0.00E+00	0	9.38E-02	28.39	2.35E-01	71.17	3.30E-01	1.47E-01	7.35E-01	2	0.4	2	0.4
OCPs	4,4'-DDT	5.70E-02	1.41E-03	1.11E-01	4.83E-01	1.28E-03	1.69	0.00E+00	0	6.07E-02	80.01	1.39E-02	18.30	7.59E-02	1.47E-01	7.35E-01	0.5	0.1	0.5	0.1
OCPs	Calculated DDx (ND=0.5DL)	1.27E-01	2.58E-03	2.28E-01	1.10E+00	2.85E-03	1.80	0.00E+00	0	1.24E-01	78.30	3.16E-02	19.90	1.59E-01	1.47E-01	7.35E-01	**1**	0.2	**1**	0.2
OCPs	beta-BHC	5.20E-02	1.90E-03	2.18E-01	7.88E-01	1.17E-03	0.82	0.00E+00	0	1.19E-01	83.35	2.27E-02	15.84	1.43E-01	4.00E-01	2.00E+00	0.4	0.07	0.4	0.07
OCPs	Hexachlorobenzene	7.60E-01	1.74E-03	5.54E+00	2.43E-01	1.71E-02	0.56	0.00E+00	0	3.03E+00	99.21	6.99E-03	0.23	3.05E+00	1.60E+00	1.60E+01	2	0.2	2	0.2
SVOCs	Octachlorostyrene	6.80E-01	1.02E-01	1.09E-01	2.18E-01	1.53E-02	18.86	0.00E+00	0	5.94E-02	73.42	6.26E-03	7.73	8.10E-02	2.63E+00	2.63E+01	0.03	0.003	0.03	0.003

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	6.22E+02	7.39E+01	2.25E+02	9.35E+01	1.40E+01	10.01	0.00E+00	0	1.23E+02	88.06	2.69E+00	1.928	1.39E+02	6.40E+00	3.20E+01	20	4	20	4
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.03E-03	8.69E-07	2.02E-04	7.66E-07	2.32E-05	17.40	0.00E+00	0	1.10E-04	82.58	2.20E-08	0.017	1.33E-04	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	5.28E-04	4.43E-07	1.03E-04	3.91E-07	1.18E-05	17.40	0.00E+00	0	5.62E-05	82.58	1.12E-08	0.017	6.81E-05	8.40E-06	3.10E-05	8	2	8	2
OCPs	4,4'-DDE	4.00E-02	1.08E-03	1.12E-01	6.22E+00	8.98E-04	0.37	0.00E+00	0	6.12E-02	25.40	1.79E-01	74.23	2.41E-01	1.47E-01	7.35E-01	2	0.3	2	0.3
OCPs	4,4'-DDT	4.15E-02	1.11E-03	8.44E-02	3.95E-01	9.32E-04	1.60	0.00E+00	0	4.61E-02	78.93	1.14E-02	19.47	5.84E-02	1.47E-01	7.35E-01	0.4	0.08	0.4	0.08
OCPs	Calculated DDx (ND=0.5DL)	8.55E-02	1.91E-03	1.53E-01	7.40E-01	1.92E-03	1.80	0.00E+00	0	8.37E-02	78.30	2.13E-02	19.90	1.07E-01	1.47E-01	7.35E-01	0.7	0.1	0.7	0.1
OCPs	beta-BHC	3.07E-02	1.12E-03	1.29E-01	5.38E-01	6.89E-04	0.80	0.00E+00	0	7.04E-02	81.34	1.55E-02	17.86	8.65E-02	4.00E-01	2.00E+00	0.2	0.04	0.2	0.04
OCPs	Hexachlorobenzene	1.85E-01	4.23E-04	1.35E+00	5.91E-02	4.14E-03	0.56	0.00E+00	0	7.35E-01	99.21	1.70E-03	0.23	7.41E-01	1.60E+00	1.60E+01	0.5	0.05	0.5	0.05
SVOCs	Octachlorostyrene	1.38E-01	2.06E-02	2.20E-02	4.40E-02	3.09E-03	18.86	0.00E+00	0	1.20E-02	73.42	1.27E-03	7.73	1.64E-02	2.63E+00	2.63E+01	0.006	0.0006	0.006	0.0006

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose								TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.91E+02	5.62E+01	1.41E+02	5.88E+01	8.78E+00	10.01	0.00E+00	0	7.73E+01	88.06	1.69E+00	1.928	8.77E+01	6.40E+00	3.20E+01	10	3	10	3
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.31E-04	3.62E-07	8.41E-05	3.20E-07	9.68E-06	17.40	0.00E+00	0	4.60E-05	82.58	9.19E-09	0.017	5.56E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.12E-04	1.78E-07	4.14E-05	1.57E-07	4.76E-06	17.40	0.00E+00	0	2.26E-05	82.58	4.52E-09	0.017	2.74E-05	8.40E-06	3.10E-05	3	0.9	3	0.9
OCPs	4,4'-DDE	1.74E-02	5.76E-04	5.37E-02	3.88E+00	3.90E-04	0.28	0.00E+00	0	2.93E-02	20.75	1.12E-01	78.97	1.41E-01	1.47E-01	7.35E-01	**1**	0.2	**1**	0.2
OCPs	4,4'-DDT	1.85E-02	6.06E-04	4.19E-02	2.38E-01	4.16E-04	1.38	0.00E+00	0	2.29E-02	75.92	6.84E-03	22.70	3.01E-02	1.47E-01	7.35E-01	0.2	0.04	0.2	0.04
OCPs	Calculated DDx (ND=0.5DL)	3.82E-02	1.04E-03	6.85E-02	3.31E-01	8.58E-04	1.80	0.00E+00	0	3.74E-02	78.30	9.51E-03	19.90	4.78E-02	1.47E-01	7.35E-01	0.3	0.07	0.3	0.07
OCPs	beta-BHC	1.34E-02	4.89E-04	5.63E-02	2.95E-01	3.01E-04	0.76	0.00E+00	0	3.07E-02	77.79	8.48E-03	21.45	3.95E-02	4.00E-01	2.00E+00	0.1	0.02	0.1	0.02
OCPs	Hexachlorobenzene	1.17E-01	2.68E-04	8.53E-01	3.75E-02	2.63E-03	0.56	0.00E+00	0	4.66E-01	99.21	1.08E-03	0.23	4.70E-01	1.60E+00	1.60E+01	0.3	0.03	0.3	0.03
SVOCs	Octachlorostyrene	7.32E-02	1.10E-02	1.17E-02	2.34E-02	1.64E-03	18.86	0.00E+00	0	6.40E-03	73.42	6.73E-04	7.73	8.71E-03	2.63E+00	2.63E+01	0.003	0.0003	0.003	0.0003

TABLE I-4e: Potential Daily Dose and Hazard Quotients for Desert Shrew: Eco DU-3

Nevada Environmental Response Trust Site

Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
500	100 < HQ

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.
(e) Background data not available for retained constituents.

TABLE I-4f: Potential Daily Dose and Hazard Quotients for Fringed Myotis: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.00012) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.69E+03	1.33E+02	6.11E+02	2.54E+02	0.00E+00	0	0.00E+00	0	4.06E+02	100	0.00E+00	0	4.06E+02	6.40E+00	3.20E+01	60	10	0.008	0.002
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.26E-03	3.58E-06	8.31E-04	3.16E-06	0.00E+00	0	0.00E+00	0	5.52E-04	100	0.00E+00	0	5.52E-04	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.08E-03	1.75E-06	4.06E-04	1.54E-06	0.00E+00	0	0.00E+00	0	2.70E-04	100	0.00E+00	0	2.70E-04	8.40E-06	3.10E-05	30	9	0.004	0.001
OCPs	4,4'-DDE	6.50E-02	1.56E-03	1.72E-01	8.18E+00	0.00E+00	0	0.00E+00	0	1.14E-01	100	0.00E+00	0	1.14E-01	1.47E-01	7.35E-01	0.8	0.2	0.00009	0.00002
OCPs	4,4'-DDT	5.70E-02	1.41E-03	1.11E-01	4.83E-01	0.00E+00	0	0.00E+00	0	7.39E-02	100	0.00E+00	0	7.39E-02	1.47E-01	7.35E-01	0.5	0.1	0.00006	0.00001
OCPs	Calculated DDx (ND=0.5DL)	1.27E-01	2.58E-03	2.28E-01	1.10E+00	0.00E+00	0	0.00E+00	0	1.51E-01	100	0.00E+00	0	1.51E-01	1.47E-01	7.35E-01	1	0.2	0.0001	0.00002
OCPs	beta-BHC	5.20E-02	1.90E-03	2.18E-01	7.88E-01	0.00E+00	0	0.00E+00	0	1.45E-01	100	0.00E+00	0	1.45E-01	4.00E-01	2.00E+00	0.4	0.07	0.00004	0.000009
OCPs	Hexachlorobenzene	7.60E-01	1.74E-03	5.54E+00	2.43E-01	0.00E+00	0	0.00E+00	0	3.68E+00	100	0.00E+00	0	3.68E+00	1.60E+00	1.60E+01	2	0.2	0.0003	0.00003
SVOCs	Octachlorostyrene	6.80E-01	1.02E-01	1.09E-01	2.18E-01	0.00E+00	0	0.00E+00	0	7.23E-02	100	0.00E+00	0	7.23E-02	2.63E+00	2.63E+01	0.03	0.003	0.000003	0.0000003

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.00012) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	6.22E+02	7.39E+01	2.25E+02	9.35E+01	0.00E+00	0	0.00E+00	0	1.49E+02	100	0.00E+00	0	1.49E+02	6.40E+00	3.20E+01	20	5	0.003	0.0006
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.03E-03	8.69E-07	2.02E-04	7.66E-07	0.00E+00	0	0.00E+00	0	1.34E-04	100	0.00E+00	0	1.34E-04	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	5.28E-04	4.43E-07	1.03E-04	3.91E-07	0.00E+00	0	0.00E+00	0	6.84E-05	100	0.00E+00	0	6.84E-05	8.40E-06	3.10E-05	8	2	0.001	0.0003
OCPs	4,4'-DDE	4.00E-02	1.08E-03	1.12E-01	6.22E+00	0.00E+00	0	0.00E+00	0	7.45E-02	100	0.00E+00	0	7.45E-02	1.47E-01	7.35E-01	0.5	0.1	0.00006	0.00001
OCPs	4,4'-DDT	4.15E-02	1.11E-03	8.44E-02	3.95E-01	0.00E+00	0	0.00E+00	0	5.61E-02	100	0.00E+00	0	5.61E-02	1.47E-01	7.35E-01	0.4	0.08	0.00005	0.000009
OCPs	Calculated DDx (ND=0.5DL)	8.55E-02	1.91E-03	1.53E-01	7.40E-01	0.00E+00	0	0.00E+00	0	1.02E-01	100	0.00E+00	0	1.02E-01	1.47E-01	7.35E-01	0.7	0.1	0.00008	0.00002
OCPs	beta-BHC	3.07E-02	1.12E-03	1.29E-01	5.38E-01	0.00E+00	0	0.00E+00	0	8.57E-02	100	0.00E+00	0	8.57E-02	4.00E-01	2.00E+00	0.2	0.04	0.00003	0.000005
OCPs	Hexachlorobenzene	1.85E-01	4.23E-04	1.35E+00	5.91E-02	0.00E+00	0	0.00E+00	0	8.94E-01	100	0.00E+00	0	8.94E-01	1.60E+00	1.60E+01	0.6	0.06	0.00007	0.000007
SVOCs	Octachlorostyrene	1.38E-01	2.06E-02	2.20E-02	4.40E-02	0.00E+00	0	0.00E+00	0	1.46E-02	100	0.00E+00	0	1.46E-02	2.63E+00	2.63E+01	0.006	0.0006	0.0000007	0.00000007

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.00012) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.91E+02	5.62E+01	1.41E+02	5.88E+01	0.00E+00	0	0.00E+00	0	9.40E+01	100	0.00E+00	0	9.40E+01	6.40E+00	3.20E+01	10	3	0.002	0.0004
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.31E-04	3.62E-07	8.41E-05	3.20E-07	0.00E+00	0	0.00E+00	0	5.59E-05	100	0.00E+00	0	5.59E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.12E-04	1.78E-07	4.14E-05	1.57E-07	0.00E+00	0	0.00E+00	0	2.75E-05	100	0.00E+00	0	2.75E-05	8.40E-06	3.10E-05	3	0.9	0.0004	0.0001
OCPs	4,4'-DDE	1.74E-02	5.76E-04	5.37E-02	3.88E+00	0.00E+00	0	0.00E+00	0	3.57E-02	100	0.00E+00	0	3.57E-02	1.47E-01	7.35E-01	0.2	0.05	0.00003	0.000006
OCPs	4,4'-DDT	1.85E-02	6.06E-04	4.19E-02	2.38E-01	0.00E+00	0	0.00E+00	0	2.79E-02	100	0.00E+00	0	2.79E-02	1.47E-01	7.35E-01	0.2	0.04	0.00002	0.000005
OCPs	Calculated DDx (ND=0.5DL)	3.82E-02	1.04E-03	6.85E-02	3.31E-01	0.00E+00	0	0.00E+00	0	4.55E-02	100	0.00E+00	0	4.55E-02	1.47E-01	7.35E-01	0.3	0.06	0.00004	0.000007
OCPs	beta-BHC	1.34E-02	4.89E-04	5.63E-02	2.95E-01	0.00E+00	0	0.00E+00	0	3.74E-02	100	0.00E+00	0	3.74E-02	4.00E-01	2.00E+00	0.09	0.02	0.00001	0.000002
OCPs	Hexachlorobenzene	1.17E-01	2.68E-04	8.53E-01	3.75E-02	0.00E+00	0	0.00E+00	0	5.67E-01	100	0.00E+00	0	5.67E-01	1.60E+00	1.60E+01	0.4	0.04	0.00004	0.000004
SVOCs	Octachlorostyrene	7.32E-02	1.10E-02	1.17E-02	2.34E-02	0.00E+00	0	0.00E+00	0	7.79E-03	100	0.00E+00	0	7.79E-03	2.63E+00	2.63E+01	0.003	0.0003	0.0000004	0.00000004

TABLE I-4f: Potential Daily Dose and Hazard Quotients for Fringed Myotis: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
500	100 < HQ

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.
(e) Background data not available for retained constituents.

TABLE I-4g: Potential Daily Dose and Hazard Quotients for Raccoon: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0055) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.69E+03	1.33E+02	6.11E+02	2.54E+02	8.03E+00	10.91	1.61E+01	21.94	4.94E+01	67.15	0.00E+00	0	7.36E+01	6.40E+00	3.20E+01	10	2	0.06	0.01
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.26E-03	3.58E-06	8.31E-04	3.16E-06	2.02E-05	23.04	4.34E-07	0.49	6.72E-05	76.47	0.00E+00	0	8.79E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.08E-03	1.75E-06	4.06E-04	1.54E-06	9.89E-06	23.04	2.12E-07	0.49	3.28E-05	76.47	0.00E+00	0	4.29E-05	8.40E-06	3.10E-05	5	1	0.03	0.008
OCPs	4,4'-DDE	6.50E-02	1.56E-03	1.72E-01	8.18E+00	3.09E-04	2.15	1.89E-04	1.31	1.39E-02	96.54	0.00E+00	0	1.44E-02	1.47E-01	7.35E-01	0.1	0.02	0.0005	0.0001
OCPs	4,4'-DDT	5.70E-02	1.41E-03	1.11E-01	4.83E-01	2.71E-04	2.87	1.71E-04	1.81	8.99E-03	95.31	0.00E+00	0	9.43E-03	1.47E-01	7.35E-01	0.06	0.01	0.0004	0.00007
OCPs	Calculated DDx (ND=0.5DL)	1.27E-01	2.58E-03	2.28E-01	1.10E+00	6.03E-04	3.12	3.12E-04	1.62	1.84E-02	95.26	0.00E+00	0	1.93E-02	1.47E-01	7.35E-01	0.1	0.03	0.0007	0.0001
OCPs	beta-BHC	5.20E-02	1.90E-03	2.18E-01	7.88E-01	2.47E-04	1.36	2.30E-04	1.27	1.77E-02	97.37	0.00E+00	0	1.81E-02	4.00E-01	2.00E+00	0.05	0.009	0.0002	0.00005
OCPs	Hexachlorobenzene	7.60E-01	1.74E-03	5.54E+00	2.43E-01	3.61E-03	0.80	2.11E-04	0.05	4.48E-01	99.15	0.00E+00	0	4.52E-01	1.60E+00	1.60E+01	0.3	0.03	0.002	0.0002
SVOCs	Octachlorostyrene	6.80E-01	1.02E-01	1.09E-01	2.18E-01	3.23E-03	13.24	1.24E-02	50.70	8.80E-03	36.06	0.00E+00	0	2.44E-02	2.63E+00	2.63E+01	0.009	0.0009	0.00005	0.000005

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0055) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	6.22E+02	7.39E+01	2.25E+02	9.35E+01	2.95E+00	9.82	8.96E+00	29.77	1.82E+01	60.41	0.00E+00	0	3.01E+01	6.40E+00	3.20E+01	5	0.9	0.03	0.005
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.03E-03	8.69E-07	2.02E-04	7.66E-07	4.91E-06	23.04	1.05E-07	0.49	1.63E-05	76.47	0.00E+00	0	2.13E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	5.28E-04	4.43E-07	1.03E-04	3.91E-07	2.51E-06	23.04	5.38E-08	0.49	8.32E-06	76.47	0.00E+00	0	1.09E-05	8.40E-06	3.10E-05	1	0.4	0.007	0.002
OCPs	4,4'-DDE	4.00E-02	1.08E-03	1.12E-01	6.22E+00	1.90E-04	2.03	1.31E-04	1.40	9.06E-03	96.58	0.00E+00	0	9.38E-03	1.47E-01	7.35E-01	0.06	0.01	0.0004	0.00007
OCPs	4,4'-DDT	4.15E-02	1.11E-03	8.44E-02	3.95E-01	1.97E-04	2.76	1.35E-04	1.88	6.82E-03	95.36	0.00E+00	0	7.15E-03	1.47E-01	7.35E-01	0.05	0.01	0.0003	0.00005
OCPs	Calculated DDx (ND=0.5DL)	8.55E-02	1.91E-03	1.53E-01	7.40E-01	4.06E-04	3.12	2.32E-04	1.78	1.24E-02	95.10	0.00E+00	0	1.30E-02	1.47E-01	7.35E-01	0.09	0.02	0.0005	0.0001
OCPs	beta-BHC	3.07E-02	1.12E-03	1.29E-01	5.38E-01	1.46E-04	1.36	1.36E-04	1.27	1.04E-02	97.37	0.00E+00	0	1.07E-02	4.00E-01	2.00E+00	0.03	0.005	0.0001	0.00003
OCPs	Hexachlorobenzene	1.85E-01	4.23E-04	1.35E+00	5.91E-02	8.77E-04	0.80	5.13E-05	0.05	1.09E-01	99.15	0.00E+00	0	1.10E-01	1.60E+00	1.60E+01	0.07	0.007	0.0004	0.00004
SVOCs	Octachlorostyrene	1.38E-01	2.06E-02	2.20E-02	4.40E-02	6.53E-04	13.24	2.50E-03	50.70	1.78E-03	36.06	0.00E+00	0	4.93E-03	2.63E+00	2.63E+01	0.002	0.0002	0.00001	0.000001

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0055) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.91E+02	5.62E+01	1.41E+02	5.88E+01	1.86E+00	9.2384615	6.82E+00	33.90	1.14E+01	56.86	0.00E+00	0	2.01E+01	6.40E+00	3.20E+01	3	0.6	0.02	0.003
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.31E-04	3.62E-07	8.41E-05	3.20E-07	2.05E-06	23.038312	4.40E-08	0.49	6.80E-06	76.47	0.00E+00	0	8.90E-06	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.12E-04	1.78E-07	4.14E-05	1.57E-07	1.01E-06	23.038312	2.16E-08	0.49	3.35E-06	76.47	0.00E+00	0	4.38E-06	8.40E-06	3.10E-05	0.5	0.1	0.003	0.0008
OCPs	4,4'-DDE	1.74E-02	5.76E-04	5.37E-02	3.88E+00	8.24E-05	1.8346285	6.99E-05	1.56	4.34E-03	96.61	0.00E+00	0	4.49E-03	1.47E-01	7.35E-01	0.03	0.006	0.0002	0.00003
OCPs	4,4'-DDT	1.85E-02	6.06E-04	4.19E-02	2.38E-01	8.81E-05	2.4824786	7.35E-05	2.07	3.39E-03	95.45	0.00E+00	0	3.55E-03	1.47E-01	7.35E-01	0.02	0.005	0.0001	0.00003
OCPs	Calculated DDx (ND=0.5DL)	3.82E-02	1.04E-03	6.85E-02	3.31E-01	1.82E-04	3.11	1.27E-04	2.17	5.54E-03	94.73	0.00E+00	0	5.85E-03	1.47E-01	7.35E-01	0.04	0.008	0.0002	0.00004
OCPs	beta-BHC	1.34E-02	4.89E-04	5.63E-02	2.95E-01	6.37E-05	1.3628647	5.93E-05	1.27	4.55E-03	97.37	0.00E+00	0	4.68E-03	4.00E-01	2.00E+00	0.01	0.002	0.00006	0.00001
OCPs	Hexachlorobenzene	1.17E-01	2.68E-04	8.53E-01	3.75E-02	5.56E-04	0.7993658	3.25E-05	0.05	6.90E-02	99.15	0.00E+00	0	6.96E-02	1.60E+00	1.60E+01	0.04	0.004	0.0002	0.00002
SVOCs	Octachlorostyrene	7.32E-02	1.10E-02	1.17E-02	2.34E-02	3.48E-04	13.239437	1.33E-03	50.70	9.47E-04	36.06	0.00E+00	0	2.63E-03	2.63E+00	2.63E+01	0.001	0.0001	0.000005	0.0000005

TABLE I-4g: Potential Daily Dose and Hazard Quotients for Raccoon: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.
(e) Background data not available for retained constituents.

TABLE I-4h : Potential Daily Dose and Hazard Quotients for Mourning Dove: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.00055) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.69E+03	1.33E+02	6.11E+02	2.54E+02	4.41E+00	22.79	1.49E+01	77.21	0.00E+00	0	0.00E+00	0	1.93E+01	1.30E+01	2.60E+01	**1**	0.7	0.0008	0.0004
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.26E-03	3.58E-06	8.31E-04	3.16E-06	1.11E-05	96.51	4.02E-07	3.49	0.00E+00	0	0.00E+00	0	1.15E-05	1.40E-05	1.40E-04	0.8	0.08	0.0005	0.00005
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.08E-03	1.75E-06	4.06E-04	1.54E-06	5.43E-06	96.51	1.96E-07	3.49	0.00E+00	0	0.00E+00	0	5.63E-06	NA	NA	NA	NA	NA	NA
OCPs	4,4'-DDE	6.50E-02	1.56E-03	1.72E-01	8.18E+00	1.70E-04	49.27	1.75E-04	50.73	0.00E+00	0	0.00E+00	0	3.44E-04	2.27E-01	2.27E+00	0.002	0.0002	0.0000008	0.00000008
OCPs	4,4'-DDT	5.70E-02	1.41E-03	1.11E-01	4.83E-01	1.49E-04	48.46	1.58E-04	51.54	0.00E+00	0	0.00E+00	0	3.07E-04	2.27E-01	2.27E+00	0.001	0.0001	0.0000007	0.00000007
OCPs	Calculated DDx (ND=0.5DL)	1.27E-01	2.58E-03	2.28E-01	1.10E+00	3.31E-04	53.41	2.89E-04	46.59	0.00E+00	0	0.00E+00	0	6.20E-04	2.27E-01	2.27E+00	0.003	0.0003	0.000002	0.0000002
OCPs	beta-BHC	5.20E-02	1.90E-03	2.18E-01	7.88E-01	1.36E-04	38.93	2.13E-04	61.07	0.00E+00	0	0.00E+00	0	3.48E-04	5.60E-01	2.25E+00	0.0006	0.0002	0.0000003	0.00000009
OCPs	Hexachlorobenzene	7.60E-01	1.74E-03	5.54E+00	2.43E-01	1.98E-03	91.04	1.95E-04	8.96	0.00E+00	0	0.00E+00	0	2.18E-03	2.25E-01	2.25E+00	0.01	0.001	0.000005	0.0000005
SVOCs	Octachlorostyrene	6.80E-01	1.02E-01	1.09E-01	2.18E-01	1.77E-03	13.42	1.14E-02	86.58	0.00E+00	0	0.00E+00	0	1.32E-02	2.48E+00	2.48E+01	0.005	0.0005	0.000003	0.0000003

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.00055) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	6.22E+02	7.39E+01	2.25E+02	9.35E+01	1.62E+00	16.37	8.29E+00	83.63	0.00E+00	0	0.00E+00	0	9.91E+00	1.30E+01	2.60E+01	0.8	0.4	0.0004	0.0002
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.03E-03	8.69E-07	2.02E-04	7.66E-07	2.70E-06	96.51	9.75E-08	3.49	0.00E+00	0	0.00E+00	0	2.79E-06	1.40E-05	1.40E-04	0.2	0.02	0.0001	0.00001
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	5.28E-04	4.43E-07	1.03E-04	3.91E-07	1.38E-06	96.51	4.97E-08	3.49	0.00E+00	0	0.00E+00	0	1.43E-06	NA	NA	NA	NA	NA	NA
OCPs	4,4'-DDE	4.00E-02	1.08E-03	1.12E-01	6.22E+00	1.04E-04	46.27	1.21E-04	53.73	0.00E+00	0	0.00E+00	0	2.26E-04	2.27E-01	2.27E+00	0.001	0.0001	0.0000005	0.00000005
OCPs	4,4'-DDT	4.15E-02	1.11E-03	8.44E-02	3.95E-01	1.08E-04	46.50	1.25E-04	53.50	0.00E+00	0	0.00E+00	0	2.33E-04	2.27E-01	2.27E+00	0.001	0.0001	0.0000006	0.00000006
OCPs	Calculated DDx (ND=0.5DL)	8.55E-02	1.91E-03	1.53E-01	7.40E-01	2.23E-04	50.97	2.15E-04	49.03	0.00E+00	0	0.00E+00	0	4.38E-04	2.27E-01	2.27E+00	0.002	0.0002	0.000001	0.0000001
OCPs	beta-BHC	3.07E-02	1.12E-03	1.29E-01	5.38E-01	8.01E-05	38.93	1.26E-04	61.07	0.00E+00	0	0.00E+00	0	2.06E-04	5.60E-01	2.25E+00	0.0004	0.00009	0.0000002	0.00000005
OCPs	Hexachlorobenzene	1.85E-01	4.23E-04	1.35E+00	5.91E-02	4.82E-04	91.04	4.74E-05	8.96	0.00E+00	0	0.00E+00	0	5.29E-04	2.25E-01	2.25E+00	0.002	0.0002	0.000001	0.0000001
SVOCs	Octachlorostyrene	1.38E-01	2.06E-02	2.20E-02	4.40E-02	3.59E-04	13.42	2.31E-03	86.58	0.00E+00	0	0.00E+00	0	2.67E-03	2.48E+00	2.48E+01	0.001	0.0001	0.0000006	0.00000006

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.00055) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.91E+02	5.62E+01	1.41E+02	5.88E+01	1.02E+00	13.92	6.31E+00	86.08	0.00E+00	0	0.00E+00	0	7.33E+00	1.30E+01	2.60E+01	0.6	0.3	0.0003	0.0002
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.31E-04	3.62E-07	8.41E-05	3.20E-07	1.13E-06	96.51	4.07E-08	3.49	0.00E+00	0	0.00E+00	0	1.17E-06	1.40E-05	1.40E-04	0.08	0.008	0.00005	0.000005
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.12E-04	1.78E-07	4.14E-05	1.57E-07	5.53E-07	96.51	2.00E-08	3.49	0.00E+00	0	0.00E+00	0	5.73E-07	NA	NA	NA	NA	NA	NA
OCPs	4,4'-DDE	1.74E-02	5.76E-04	5.37E-02	3.88E+00	4.53E-05	41.19	6.46E-05	58.81	0.00E+00	0	0.00E+00	0	1.10E-04	2.27E-01	2.27E+00	0.0005	0.00005	0.0000003	0.00000003
OCPs	4,4'-DDT	1.85E-02	6.06E-04	4.19E-02	2.38E-01	4.84E-05	41.59	6.80E-05	58.41	0.00E+00	0	0.00E+00	0	1.16E-04	2.27E-01	2.27E+00	0.0005	0.00005	0.0000003	0.00000003
OCPs	Calculated DDx (ND=0.5DL)	3.82E-02	1.04E-03	6.85E-02	3.31E-01	9.97E-05	45.99	1.17E-04	54.01	0.00E+00	0	0.00E+00	0	2.17E-04	2.27E-01	2.27E+00	0.001	0.0001	0.0000005	0.00000005
OCPs	beta-BHC	1.34E-02	4.89E-04	5.63E-02	2.95E-01	3.50E-05	38.93	5.49E-05	61.07	0.00E+00	0	0.00E+00	0	8.99E-05	5.60E-01	2.25E+00	0.0002	0.00004	9E-08	0.00000002
OCPs	Hexachlorobenzene	1.17E-01	2.68E-04	8.53E-01	3.75E-02	3.05E-04	91.04	3.01E-05	8.96	0.00E+00	0	0.00E+00	0	3.35E-04	2.25E-01	2.25E+00	0.001	0.0001	0.0000008	0.00000008
SVOCs	Octachlorostyrene	7.32E-02	1.10E-02	1.17E-02	2.34E-02	1.91E-04	13.42	1.23E-03	86.58	0.00E+00	0	0.00E+00	0	1.42E-03	2.48E+00	2.48E+01	0.0006	0.00006	0.0000003	0.00000003

TABLE I-4h : Potential Daily Dose and Hazard Quotients for Mourning Dove: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.
(e) Background data not available for retained constituents.

TABLE I-4i: Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	1.69E+03	1.33E+02	6.11E+02	2.54E+02	1.30E+01	28.96	2.11E+01	47.04	1.08E+01	23.99	0.00E+00	0	4.48E+01	6.40E+00	3.20E+01	7	**1**	7	**1**
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.26E-03	3.58E-06	8.31E-04	3.16E-06	3.27E-05	68.30	5.67E-07	1.18	1.46E-05	30.51	0.00E+00	0	4.79E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.08E-03	1.75E-06	4.06E-04	1.54E-06	1.60E-05	68.30	2.77E-07	1.18	7.14E-06	30.51	0.00E+00	0	2.34E-05	8.40E-06	3.10E-05	3	0.8	3	0.8
OCPs	4,4'-DDE	6.50E-02	1.56E-03	1.72E-01	8.18E+00	4.99E-04	13.25	2.46E-04	6.54	3.02E-03	80.21	0.00E+00	0	3.77E-03	1.47E-01	7.35E-01	0.03	0.005	0.03	0.005
OCPs	4,4'-DDT	5.70E-02	1.41E-03	1.11E-01	4.83E-01	4.38E-04	16.73	2.23E-04	8.53	1.96E-03	74.74	0.00E+00	0	2.62E-03	1.47E-01	7.35E-01	0.02	0.004	0.02	0.004
OCPs	Calculated DDx (ND=0.5DL)	1.27E-01	2.58E-03	2.28E-01	1.10E+00	9.76E-04	18.10	4.08E-04	7.57	4.01E-03	74.33	0.00E+00	0	5.39E-03	1.47E-01	7.35E-01	0.04	0.007	0.04	0.007
OCPs	beta-BHC	5.20E-02	1.90E-03	2.18E-01	7.88E-01	4.00E-04	8.80	3.00E-04	6.61	3.84E-03	84.59	0.00E+00	0	4.54E-03	4.00E-01	2.00E+00	0.01	0.002	0.01	0.002
OCPs	Hexachlorobenzene	7.60E-01	1.74E-03	5.54E+00	2.43E-01	5.84E-03	5.64	2.76E-04	0.27	9.75E-02	94.10	0.00E+00	0	1.04E-01	1.60E+00	1.60E+01	0.06	0.006	0.06	0.006
SVOCs	Octachlorostyrene	6.80E-01	1.02E-01	1.09E-01	2.18E-01	5.22E-03	22.42	1.62E-02	69.36	1.92E-03	8.22	0.00E+00	0	2.33E-02	2.63E+00	2.63E+01	0.009	0.0009	0.009	0.0009

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	6.22E+02	7.39E+01	2.25E+02	9.35E+01	4.78E+00	23.38	1.17E+01	57.26	3.96E+00	19.36	0.00E+00	0	2.04E+01	6.40E+00	3.20E+01	3	0.6	3	0.6
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.03E-03	8.69E-07	2.02E-04	7.66E-07	7.94E-06	68.30	1.38E-07	1.18	3.55E-06	30.51	0.00E+00	0	1.16E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	5.28E-04	4.43E-07	1.03E-04	3.91E-07	4.05E-06	68.30	7.02E-08	1.18	1.81E-06	30.51	0.00E+00	0	5.93E-06	8.40E-06	3.10E-05	0.7	0.2	0.7	0.2
OCPs	4,4'-DDE	4.00E-02	1.08E-03	1.12E-01	6.22E+00	3.07E-04	12.55	1.71E-04	6.98	1.97E-03	80.47	0.00E+00	0	2.45E-03	1.47E-01	7.35E-01	0.02	0.003	0.02	0.003
OCPs	4,4'-DDT	4.15E-02	1.11E-03	8.44E-02	3.95E-01	3.19E-04	16.11	1.76E-04	8.89	1.48E-03	75.01	0.00E+00	0	1.98E-03	1.47E-01	7.35E-01	0.01	0.003	0.01	0.003
OCPs	Calculated DDx (ND=0.5DL)	8.55E-02	1.91E-03	1.53E-01	7.40E-01	6.57E-04	17.96	3.03E-04	8.28	2.70E-03	73.75	0.00E+00	0	3.66E-03	1.47E-01	7.35E-01	0.02	0.005	0.02	0.005
OCPs	beta-BHC	3.07E-02	1.12E-03	1.29E-01	5.38E-01	2.36E-04	8.80	1.77E-04	6.61	2.27E-03	84.59	0.00E+00	0	2.68E-03	4.00E-01	2.00E+00	0.007	0.001	0.007	0.001
OCPs	Hexachlorobenzene	1.85E-01	4.23E-04	1.35E+00	5.91E-02	1.42E-03	5.64	6.69E-05	0.27	2.37E-02	94.10	0.00E+00	0	2.52E-02	1.60E+00	1.60E+01	0.02	0.002	0.02	0.002
SVOCs	Octachlorostyrene	1.38E-01	2.06E-02	2.20E-02	4.40E-02	1.06E-03	22.42	3.27E-03	69.36	3.87E-04	8.22	0.00E+00	0	4.71E-03	2.63E+00	2.63E+01	0.002	0.0002	0.002	0.0002

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.91E+02	5.62E+01	1.41E+02	5.88E+01	3.01E+00	20.87	8.91E+00	61.84	2.49E+00	17.29	0.00E+00	0	1.44E+01	6.40E+00	3.20E+01	2	0.5	2	0.5
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	4.31E-04	3.62E-07	8.41E-05	3.20E-07	3.31E-06	68.30	5.74E-08	1.18	1.48E-06	30.51	0.00E+00	0	4.85E-06	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.12E-04	1.78E-07	4.14E-05	1.57E-07	1.63E-06	68.30	2.82E-08	1.18	7.28E-07	30.51	0.00E+00	0	2.39E-06	8.40E-06	3.10E-05	0.3	0.08	0.3	0.08
OCPs	4,4'-DDE	1.74E-02	5.76E-04	5.37E-02	3.88E+00	1.33E-04	11.40	9.13E-05	7.80	9.45E-04	80.80	0.00E+00	0	1.17E-03	1.47E-01	7.35E-01	0.008	0.002	0.008	0.002
OCPs	4,4'-DDT	1.85E-02	6.06E-04	4.19E-02	2.38E-01	1.43E-04	14.60	9.60E-05	9.83	7.37E-04	75.57	0.00E+00	0	9.76E-04	1.47E-01	7.35E-01	0.007	0.001	0.007	0.001
OCPs	Calculated DDx (ND=0.5DL)	3.82E-02	1.04E-03	6.85E-02	3.31E-01	2.94E-04	17.64	1.65E-04	9.93	1.21E-03	72.43	0.00E+00	0	1.66E-03	1.47E-01	7.35E-01	0.01	0.002	0.01	0.002
OCPs	beta-BHC	1.34E-02	4.89E-04	5.63E-02	2.95E-01	1.03E-04	8.80	7.75E-05	6.61	9.91E-04	84.59	0.00E+00	0	1.17E-03	4.00E-01	2.00E+00	0.003	0.0006	0.003	0.0006
OCPs	Hexachlorobenzene	1.17E-01	2.68E-04	8.53E-01	3.75E-02	8.99E-04	5.64	4.24E-05	0.27	1.50E-02	94.10	0.00E+00	0	1.60E-02	1.60E+00	1.60E+01	0.01	0.001	0.01	0.001
SVOCs	Octachlorostyrene	7.32E-02	1.10E-02	1.17E-02	2.34E-02	5.62E-04	22.42	1.74E-03	69.36	2.06E-04	8.22	0.00E+00	0	2.51E-03	2.63E+00	2.63E+01	0.001	0.0001	0.001	0.0001

TABLE I-4i: Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse: Eco DU-3
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.
(e) Background data not available for retained constituents.

APPENDIX I-5
PARCEL E

Table I-5a Potential Daily Dose and Hazard Quotients for Coppers Hawk: Parcel E

Table I-5b Potential Daily Dose and Hazard Quotients for Kit Fox: Parcel E

Table I-5c Potential Daily Dose and Hazard Quotients for Western Burrowing Owl: Parcel E

Table I-5d Potential Daily Dose and Hazard Quotients for American Robin: Parcel E

Table I-5e Potential Daily Dose and Hazard Quotients for Desert Shrew: Parcel E

Table I-5f Potential Daily Dose and Hazard Quotients for Fringed Myotis: Parcel E

Table I-5g Potential Daily Dose and Hazard Quotients for Raccoon: Parcel E

Table I-5h Potential Daily Dose and Hazard Quotients for Mourning Dove: Parcel E

Table I-5i Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse: Parcel E

TABLE I-5a: Potential Daily Dose and Hazard Quotients for Coopers Hawk: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.017) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	6.10E+00	4.85E+00	2.21E+00	9.17E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.51E-01	100	1.51E-01	1.30E+01	2.60E+01	0.01	0.006	0.0002	0.0001
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	2.65E-04	2.22E-07	5.16E-05	1.96E-07	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.24E-08	100	3.24E-08	1.40E-05	1.40E-04	0.002	0.0002	0.00004	0.000004
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.39E-04	1.17E-07	2.71E-05	1.03E-07	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.70E-08	100	1.70E-08	NA	NA	NA	NA	NA	NA
Metals	Boron	3.20E+01	4.80E-01	5.12E-01	1.02E+00	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.69E-01	100	1.69E-01	2.88E+01	1.00E+02	0.006	0.002	0.0001	0.00003
OCPs	beta-BHC	1.00E-02	3.65E-04	4.20E-02	2.38E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.93E-02	100	3.93E-02	5.60E-01	2.25E+00	0.07	0.02	0.001	0.0003

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.017) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.80E+00	4.21E+00	1.74E+00	7.22E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.19E-01	100	1.19E-01	1.30E+01	2.60E+01	0.009	0.005	0.0002	0.00008
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.20E-04	1.01E-07	2.34E-05	8.88E-08	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.46E-08	100	1.46E-08	1.40E-05	1.40E-04	0.001	0.0001	0.00002	0.000002
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	7.57E-05	6.36E-08	1.48E-05	5.61E-08	0.00E+00	0	0.00E+00	0	0.00E+00	0	9.26E-09	100	9.26E-09	NA	NA	NA	NA	NA	NA
Metals	Boron	2.06E+01	3.08E-01	3.29E-01	6.58E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	1.09E-01	100	1.09E-01	2.88E+01	1.00E+02	0.004	0.001	0.00006	0.00002
OCPs	beta-BHC	6.89E-03	2.51E-04	2.89E-02	1.82E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.00E-02	100	3.00E-02	5.60E-01	2.25E+00	0.05	0.01	0.0009	0.0002

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.017) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.57E+00	3.54E+00	1.29E+00	5.37E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	8.86E-02	100	8.86E-02	1.30E+01	2.60E+01	0.007	0.003	0.0001	0.00006
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	5.22E-05	4.39E-08	1.02E-05	3.87E-08	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.39E-09	100	6.39E-09	1.40E-05	1.40E-04	0.0005	0.00005	0.000008	0.0000008
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.73E-05	2.29E-08	5.32E-06	2.02E-08	0.00E+00	0	0.00E+00	0	0.00E+00	0	3.33E-09	100	3.33E-09	NA	NA	NA	NA	NA	NA
Metals	Boron	1.30E+01	1.95E-01	2.08E-01	4.17E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	6.88E-02	100	6.88E-02	2.88E+01	1.00E+02	0.002	0.0007	0.00004	0.00001
OCPs	beta-BHC	4.09E-03	1.49E-04	1.72E-02	1.25E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.06E-02	100	2.06E-02	5.60E-01	2.25E+00	0.04	0.009	0.0006	0.0002

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.30E+01	2.60E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	0.00E+00	0	0.00E+00	0	0.00E+00	0	2.26E-02	100	2.26E-02	2.88E+01	1.00E+02	0.0008	0.0002	0.0008	0.0002
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	5.60E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG

TABLE I-5a: Potential Daily Dose and Hazard Quotients for Coopers Hawk: Parcel E

Nevada Environmental Response Trust Site

Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NA = Not applicable
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-5b: Potential Daily Dose and Hazard Quotients for Kit Fox: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0031) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	6.10E+00	4.85E+00	2.21E+00	9.17E-01	5.04E-03	5.29	0.00E+00	0	0.00E+00	0	9.02E-02	94.71	9.52E-02	6.40E+00	3.20E+01	0.01	0.003	0.00005	0.000009
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	2.65E-04	2.22E-07	5.16E-05	1.96E-07	2.19E-07	91.90	0.00E+00	0	0.00E+00	0	1.93E-08	8.10	2.38E-07	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.39E-04	1.17E-07	2.71E-05	1.03E-07	1.15E-07	91.90	0.00E+00	0	0.00E+00	0	1.01E-08	8.10	1.25E-07	8.40E-06	3.10E-05	0.01	0.004	0.00005	0.00001
Metals	Boron	3.20E+01	4.80E-01	5.12E-01	1.02E+00	2.65E-02	20.81	0.00E+00	0	0.00E+00	0	1.01E-01	79.19	1.27E-01	2.80E+01	9.36E+01	0.005	0.001	0.00001	0.000004
OCPs	beta-BHC	1.00E-02	3.65E-04	4.20E-02	2.38E-01	8.27E-06	0.04	0.00E+00	0	0.00E+00	0	2.34E-02	99.96	2.34E-02	4.00E-01	2.00E+00	0.06	0.01	0.0002	0.00004

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0031) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.80E+00	4.21E+00	1.74E+00	7.22E-01	3.97E-03	5.29	0.00E+00	0	0.00E+00	0	7.10E-02	94.71	7.50E-02	6.40E+00	3.20E+01	0.01	0.002	0.00004	0.000007
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.20E-04	1.01E-07	2.34E-05	8.88E-08	9.90E-08	91.90	0.00E+00	0	0.00E+00	0	8.73E-09	8.10	1.08E-07	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	7.57E-05	6.36E-08	1.48E-05	5.61E-08	6.26E-08	91.90	0.00E+00	0	0.00E+00	0	5.52E-09	8.10	6.81E-08	8.40E-06	3.10E-05	0.008	0.002	0.00003	0.000007
Metals	Boron	2.06E+01	3.08E-01	3.29E-01	6.58E-01	1.70E-02	20.81	0.00E+00	0	0.00E+00	0	6.47E-02	79.19	8.17E-02	2.80E+01	9.36E+01	0.003	0.0009	0.000009	0.000003
OCPs	beta-BHC	6.89E-03	2.51E-04	2.89E-02	1.82E-01	5.70E-06	0.03	0.00E+00	0	0.00E+00	0	1.79E-02	99.97	1.79E-02	4.00E-01	2.00E+00	0.04	0.009	0.0001	0.00003

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0031) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.57E+00	3.54E+00	1.29E+00	5.37E-01	2.95E-03	5.29	0.00E+00	0	0.00E+00	0	5.28E-02	94.71	5.58E-02	6.40E+00	3.20E+01	0.009	0.002	0.00003	0.000005
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	5.22E-05	4.39E-08	1.02E-05	3.87E-08	4.32E-08	91.90	0.00E+00	0	0.00E+00	0	3.81E-09	8.10	4.70E-08	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.73E-05	2.29E-08	5.32E-06	2.02E-08	2.25E-08	91.90	0.00E+00	0	0.00E+00	0	1.99E-09	8.10	2.45E-08	8.40E-06	3.10E-05	0.003	0.0008	0.000009	0.000002
Metals	Boron	1.30E+01	1.95E-01	2.08E-01	4.17E-01	1.08E-02	20.81	0.00E+00	0	0.00E+00	0	4.10E-02	79.19	5.17E-02	2.80E+01	9.36E+01	0.002	0.0006	0.000006	0.000002
OCPs	beta-BHC	4.09E-03	1.49E-04	1.72E-02	1.25E-01	3.38E-06	0.03	0.00E+00	0	0.00E+00	0	1.23E-02	99.97	1.23E-02	4.00E-01	2.00E+00	0.03	0.006	0.0001	0.00002

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	3.54E-03	20.81	0.00E+00	0	0.00E+00	0	1.35E-02	79.19	1.70E-02	2.80E+01	9.36E+01	0.0006	0.0002	0.0006	0.0002
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG

TABLE I-5b: Potential Daily Dose and Hazard Quotients for Kit Fox: Parcel E

Nevada Environmental Response Trust Site

Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NA = Not applicable
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-5c: Potential Daily Dose and Hazard Quotients for Western Burrowing Owl: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.031) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	6.10E+00	4.85E+00	2.21E+00	9.17E-01	2.63E-02	4.64	0.00E+00	0	4.75E-01	83.75	6.59E-02	11.61	5.68E-01	1.30E+01	2.60E+01	0.04	0.02	0.001	0.0007
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	2.65E-04	2.22E-07	5.16E-05	1.96E-07	1.14E-06	9.30	0.00E+00	0	1.11E-05	90.59	1.41E-08	0.11	1.23E-05	1.40E-05	1.40E-04	0.9	0.09	0.03	0.003
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.39E-04	1.17E-07	2.71E-05	1.03E-07	5.99E-07	9.30	0.00E+00	0	5.84E-06	90.59	7.39E-09	0.11	6.44E-06	NA	NA	NA	NA	NA	NA
Metals	Boron	3.20E+01	4.80E-01	5.12E-01	1.02E+00	1.38E-01	42.88	0.00E+00	0	1.10E-01	34.27	7.36E-02	22.85	3.22E-01	2.88E+01	1.00E+02	0.01	0.003	0.0003	0.0001
OCPs	beta-BHC	1.00E-02	3.65E-04	4.20E-02	2.38E-01	4.31E-05	0.16	0.00E+00	0	9.05E-03	34.51	1.71E-02	65.32	2.62E-02	5.60E-01	2.25E+00	0.05	0.01	0.001	0.0004

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.031) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.80E+00	4.21E+00	1.74E+00	7.22E-01	2.07E-02	4.64	0.00E+00	0	3.74E-01	83.75	5.19E-02	11.61	4.47E-01	1.30E+01	2.60E+01	0.03	0.02	0.001	0.0005
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.20E-04	1.01E-07	2.34E-05	8.88E-08	5.17E-07	9.30	0.00E+00	0	5.03E-06	90.59	6.38E-09	0.11	5.56E-06	1.40E-05	1.40E-04	0.4	0.04	0.01	0.001
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	7.57E-05	6.36E-08	1.48E-05	5.61E-08	3.27E-07	9.30	0.00E+00	0	3.18E-06	90.59	4.03E-09	0.11	3.51E-06	NA	NA	NA	NA	NA	NA
Metals	Boron	2.06E+01	3.08E-01	3.29E-01	6.58E-01	8.87E-02	42.88	0.00E+00	0	7.09E-02	34.27	4.73E-02	22.85	2.07E-01	2.88E+01	1.00E+02	0.007	0.002	0.0002	0.00006
OCPs	beta-BHC	6.89E-03	2.51E-04	2.89E-02	1.82E-01	2.97E-05	0.15	0.00E+00	0	6.23E-03	32.25	1.31E-02	67.60	1.93E-02	5.60E-01	2.25E+00	0.03	0.009	0.001	0.0003

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.031) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.57E+00	3.54E+00	1.29E+00	5.37E-01	1.54E-02	4.64	0.00E+00	0	2.78E-01	83.75	3.86E-02	11.61	3.32E-01	1.30E+01	2.60E+01	0.03	0.01	0.0008	0.0004
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	5.22E-05	4.39E-08	1.02E-05	3.87E-08	2.25E-07	9.30	0.00E+00	0	2.20E-06	90.59	2.78E-09	0.11	2.42E-06	1.40E-05	1.40E-04	0.2	0.02	0.005	0.0005
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.73E-05	2.29E-08	5.32E-06	2.02E-08	1.18E-07	9.30	0.00E+00	0	1.15E-06	90.59	1.45E-09	0.11	1.27E-06	NA	NA	NA	NA	NA	NA
Metals	Boron	1.30E+01	1.95E-01	2.08E-01	4.17E-01	5.62E-02	42.88	0.00E+00	0	4.49E-02	34.27	2.99E-02	22.85	1.31E-01	2.88E+01	1.00E+02	0.005	0.001	0.0001	0.00004
OCPs	beta-BHC	4.09E-03	1.49E-04	1.72E-02	1.25E-01	1.77E-05	0.14	0.00E+00	0	3.70E-03	29.21	8.96E-03	70.65	1.27E-02	5.60E-01	2.25E+00	0.02	0.006	0.0007	0.0002

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.30E+01	2.60E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	1.85E-02	42.88	0.00E+00	0	1.48E-02	34.27	9.86E-03	22.85	4.31E-02	2.88E+01	1.00E+02	0.001	0.0004	0.001	0.0004
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	5.60E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG

TABLE I-5c: Potential Daily Dose and Hazard Quotients for Western Burrowing Owl: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-5d: Potential Daily Dose and Hazard Quotients for American Robin: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	6.10E+00	4.85E+00	2.21E+00	9.17E-01	3.67E-02	0.86	2.92E+00	68.13	1.33E+00	31.01	0.00E+00	0	4.29E+00	1.30E+01	2.60E+01	0.3	0.2	0.3	0.2
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	2.65E-04	2.22E-07	5.16E-05	1.96E-07	1.59E-06	4.86	1.34E-07	0.41	3.11E-05	94.74	0.00E+00	0	3.28E-05	1.40E-05	1.40E-04	2	0.2	2	0.2
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.39E-04	1.17E-07	2.71E-05	1.03E-07	8.36E-07	4.86	7.03E-08	0.41	1.63E-05	94.74	0.00E+00	0	1.72E-05	NA	NA	NA	NA	NA	NA
Metals	Boron	3.20E+01	4.80E-01	5.12E-01	1.02E+00	1.93E-01	24.38	2.89E-01	36.59	3.08E-01	39.03	0.00E+00	0	7.90E-01	2.88E+01	1.00E+02	0.03	0.008	0.03	0.008
OCPs	beta-BHC	1.00E-02	3.65E-04	4.20E-02	2.38E-01	6.02E-05	0.24	2.20E-04	0.86	2.53E-02	98.91	0.00E+00	0	2.56E-02	5.60E-01	2.25E+00	0.05	0.01	0.05	0.01

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.80E+00	4.21E+00	1.74E+00	7.22E-01	2.89E-02	0.80	2.54E+00	70.23	1.05E+00	28.97	0.00E+00	0	3.61E+00	1.30E+01	2.60E+01	0.3	0.1	0.3	0.1
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.20E-04	1.01E-07	2.34E-05	8.88E-08	7.22E-07	4.86	6.06E-08	0.41	1.41E-05	94.74	0.00E+00	0	1.49E-05	1.40E-05	1.40E-04	**1**	0.1	**1**	0.1
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	7.57E-05	6.36E-08	1.48E-05	5.61E-08	4.56E-07	4.86	3.83E-08	0.41	8.90E-06	94.74	0.00E+00	0	9.39E-06	NA	NA	NA	NA	NA	NA
Metals	Boron	2.06E+01	3.08E-01	3.29E-01	6.58E-01	1.24E-01	24.38	1.86E-01	36.59	1.98E-01	39.03	0.00E+00	0	5.08E-01	2.88E+01	1.00E+02	0.02	0.005	0.02	0.005
OCPs	beta-BHC	6.89E-03	2.51E-04	2.89E-02	1.82E-01	4.15E-05	0.24	1.51E-04	0.86	1.74E-02	98.91	0.00E+00	0	1.76E-02	5.60E-01	2.25E+00	0.03	0.008	0.03	0.008

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.57E+00	3.54E+00	1.29E+00	5.37E-01	2.15E-02	0.73	2.13E+00	72.71	7.78E-01	26.56	0.00E+00	0	2.93E+00	1.30E+01	2.60E+01	0.2	0.1	0.2	0.1
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	5.22E-05	4.39E-08	1.02E-05	3.87E-08	3.15E-07	4.86	2.64E-08	0.41	6.14E-06	94.74	0.00E+00	0	6.48E-06	1.40E-05	1.40E-04	0.5	0.05	0.5	0.05
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.73E-05	2.29E-08	5.32E-06	2.02E-08	1.64E-07	4.86	1.38E-08	0.41	3.20E-06	94.74	0.00E+00	0	3.38E-06	NA	NA	NA	NA	NA	NA
Metals	Boron	1.30E+01	1.95E-01	2.08E-01	4.17E-01	7.85E-02	24.38	1.18E-01	36.59	1.26E-01	39.03	0.00E+00	0	3.22E-01	2.88E+01	1.00E+02	0.01	0.003	0.01	0.003
OCPs	beta-BHC	4.09E-03	1.49E-04	1.72E-02	1.25E-01	2.47E-05	0.24	8.99E-05	0.86	1.04E-02	98.91	0.00E+00	0	1.05E-02	5.60E-01	2.25E+00	0.02	0.005	0.02	0.005

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.30E+01	2.60E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	2.58E-02	24.38	3.88E-02	36.59	4.13E-02	39.03	0.00E+00	0	1.06E-01	2.88E+01	1.00E+02	0.004	0.001	0.004	0.001
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	5.60E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG

TABLE I-5d: Potential Daily Dose and Hazard Quotients for American Robin: Parcel E

Nevada Environmental Response Trust Site

Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-5e: Potential Daily Dose and Hazard Quotients for Desert Shrew: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	6.10E+00	4.85E+00	2.21E+00	9.17E-01	1.37E-01	10.01	0.00E+00	0	1.20E+00	88.06	2.64E-02	1.928	1.37E+00	6.40E+00	3.20E+01	0.2	0.04	0.2	0.04
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	2.65E-04	2.22E-07	5.16E-05	1.96E-07	5.94E-06	17.40	0.00E+00	0	2.82E-05	82.58	5.64E-09	0.017	3.41E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.39E-04	1.17E-07	2.71E-05	1.03E-07	3.12E-06	17.40	0.00E+00	0	1.48E-05	82.58	2.96E-09	0.017	1.79E-05	8.40E-06	3.10E-05	2	0.6	2	0.6
Metals	Boron	3.20E+01	4.80E-01	5.12E-01	1.02E+00	7.18E-01	69.91	0.00E+00	0	2.80E-01	27.22	2.94E-02	2.87	1.03E+00	2.80E+01	9.36E+01	0.04	0.01	0.04	0.01
OCPs	beta-BHC	1.00E-02	3.65E-04	4.20E-02	2.38E-01	2.24E-04	0.75	0.00E+00	0	2.29E-02	76.42	6.85E-03	22.84	3.00E-02	4.00E-01	2.00E+00	0.08	0.02	0.08	0.02

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.80E+00	4.21E+00	1.74E+00	7.22E-01	1.08E-01	10.01	0.00E+00	0	9.49E-01	88.06	2.08E-02	1.928	1.08E+00	6.40E+00	3.20E+01	0.2	0.03	0.2	0.03
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.20E-04	1.01E-07	2.34E-05	8.88E-08	2.69E-06	17.40	0.00E+00	0	1.28E-05	82.58	2.55E-09	0.017	1.55E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	7.57E-05	6.36E-08	1.48E-05	5.61E-08	1.70E-06	17.40	0.00E+00	0	8.07E-06	82.58	1.61E-09	0.017	9.77E-06	8.40E-06	3.10E-05	**1**	0.3	**1**	0.3
Metals	Boron	2.06E+01	3.08E-01	3.29E-01	6.58E-01	4.62E-01	69.91	0.00E+00	0	1.80E-01	27.22	1.89E-02	2.87	6.60E-01	2.80E+01	9.36E+01	0.02	0.007	0.02	0.007
OCPs	beta-BHC	6.89E-03	2.51E-04	2.89E-02	1.82E-01	1.55E-04	0.73	0.00E+00	0	1.58E-02	74.58	5.23E-03	24.69	2.12E-02	4.00E-01	2.00E+00	0.05	0.01	0.05	0.01

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.57E+00	3.54E+00	1.29E+00	5.37E-01	8.02E-02	10.01	0.00E+00	0	7.05E-01	88.06	1.54E-02	1.928	8.01E-01	6.40E+00	3.20E+01	0.1	0.03	0.1	0.03
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	5.22E-05	4.39E-08	1.02E-05	3.87E-08	1.17E-06	17.40	0.00E+00	0	5.56E-06	82.58	1.11E-09	0.017	6.74E-06	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.73E-05	2.29E-08	5.32E-06	2.02E-08	6.12E-07	17.40	0.00E+00	0	2.90E-06	82.58	5.81E-10	0.017	3.52E-06	8.40E-06	3.10E-05	0.4	0.1	0.4	0.1
Metals	Boron	1.30E+01	1.95E-01	2.08E-01	4.17E-01	2.92E-01	69.91	0.00E+00	0	1.14E-01	27.22	1.20E-02	2.87	4.18E-01	2.80E+01	9.36E+01	0.01	0.004	0.01	0.004
OCPs	beta-BHC	4.09E-03	1.49E-04	1.72E-02	1.25E-01	9.19E-05	0.70	0.00E+00	0	9.39E-03	71.86	3.58E-03	27.44	1.31E-02	4.00E-01	2.00E+00	0.03	0.007	0.03	0.007

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	9.63E-02	69.9	0.00E+00	0	3.75E-02	27.2	3.94E-03	2.87	1.38E-01	2.80E+01	9.36E+01	0.005	0.001	0.005	0.001
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG

TABLE I-5e: Potential Daily Dose and Hazard Quotients for Desert Shrew: Parcel E

Nevada Environmental Response Trust Site

Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
500	100 < HQ

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-5f: Potential Daily Dose and Hazard Quotients for Fringed Myotis: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.00012) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	6.10E+00	4.85E+00	2.21E+00	9.17E-01	0.00E+00	0	0.00E+00	0	1.47E+00	100	0.00E+00	0	1.47E+00	6.40E+00	3.20E+01	0.2	0.05	0.00003	0.000005
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	2.65E-04	2.22E-07	5.16E-05	1.96E-07	0.00E+00	0	0.00E+00	0	3.43E-05	100	0.00E+00	0	3.43E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.39E-04	1.17E-07	2.71E-05	1.03E-07	0.00E+00	0	0.00E+00	0	1.80E-05	100	0.00E+00	0	1.80E-05	8.40E-06	3.10E-05	2	0.6	0.0003	0.00007
Metals	Boron	3.20E+01	4.80E-01	5.12E-01	1.02E+00	0.00E+00	0	0.00E+00	0	3.40E-01	100	0.00E+00	0	3.40E-01	2.80E+01	9.36E+01	0.01	0.004	0.000001	0.0000004
OCPs	beta-BHC	1.00E-02	3.65E-04	4.20E-02	2.38E-01	0.00E+00	0	0.00E+00	0	2.79E-02	100	0.00E+00	0	2.79E-02	4.00E-01	2.00E+00	0.07	0.01	0.000008	0.000002

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.00012) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.80E+00	4.21E+00	1.74E+00	7.22E-01	0.00E+00	0	0.00E+00	0	1.15E+00	100	0.00E+00	0	1.15E+00	6.40E+00	3.20E+01	0.2	0.04	0.00002	0.000004
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.20E-04	1.01E-07	2.34E-05	8.88E-08	0.00E+00	0	0.00E+00	0	1.55E-05	100	0.00E+00	0	1.55E-05	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	7.57E-05	6.36E-08	1.48E-05	5.61E-08	0.00E+00	0	0.00E+00	0	9.82E-06	100	0.00E+00	0	9.82E-06	8.40E-06	3.10E-05	**1**	0.3	0.0001	0.00004
Metals	Boron	2.06E+01	3.08E-01	3.29E-01	6.58E-01	0.00E+00	0	0.00E+00	0	2.19E-01	100	0.00E+00	0	2.19E-01	2.80E+01	9.36E+01	0.008	0.002	0.0000009	0.0000003
OCPs	beta-BHC	6.89E-03	2.51E-04	2.89E-02	1.82E-01	0.00E+00	0	0.00E+00	0	1.92E-02	100	0.00E+00	0	1.92E-02	4.00E-01	2.00E+00	0.05	0.01	0.000006	0.000001

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.00012) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.57E+00	3.54E+00	1.29E+00	5.37E-01	0.00E+00	0	0.00E+00	0	8.59E-01	100	0.00E+00	0	8.59E-01	6.40E+00	3.20E+01	0.1	0.03	0.00002	0.000003
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	5.22E-05	4.39E-08	1.02E-05	3.87E-08	0.00E+00	0	0.00E+00	0	6.77E-06	100	0.00E+00	0	6.77E-06	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.73E-05	2.29E-08	5.32E-06	2.02E-08	0.00E+00	0	0.00E+00	0	3.53E-06	100	0.00E+00	0	3.53E-06	8.40E-06	3.10E-05	0.4	0.1	0.00005	0.00001
Metals	Boron	1.30E+01	1.95E-01	2.08E-01	4.17E-01	0.00E+00	0	0.00E+00	0	1.39E-01	100	0.00E+00	0	1.39E-01	2.80E+01	9.36E+01	0.005	0.001	0.0000006	0.0000002
OCPs	beta-BHC	4.09E-03	1.49E-04	1.72E-02	1.25E-01	0.00E+00	0	0.00E+00	0	1.14E-02	100	0.00E+00	0	1.14E-02	4.00E-01	2.00E+00	0.03	0.006	0.000003	0.0000007

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	0.00E+00	0	0.00E+00	0	4.56E-02	100	0.00E+00	0	4.56E-02	2.80E+01	9.36E+01	0.002	0.0005	0.002	0.0005
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG

TABLE I-5f: Potential Daily Dose and Hazard Quotients for Fringed Myotis: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
500	100 < HQ

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-5g: Potential Daily Dose and Hazard Quotients for Raccoon: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0055) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	6.10E+00	4.85E+00	2.21E+00	9.17E-01	2.90E-02	3.64	5.88E-01	73.92	1.78E-01	22.43	0.00E+00	0	7.95E-01	6.40E+00	3.20E+01	0.1	0.02	0.0007	0.0001
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	2.65E-04	2.22E-07	5.16E-05	1.96E-07	1.26E-06	23.04	2.70E-08	0.49	4.18E-06	76.47	0.00E+00	0	5.46E-06	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.39E-04	1.17E-07	2.71E-05	1.03E-07	6.60E-07	23.04	1.42E-08	0.49	2.19E-06	76.47	0.00E+00	0	2.86E-06	8.40E-06	3.10E-05	0.3	0.09	0.002	0.0005
Metals	Boron	3.20E+01	4.80E-01	5.12E-01	1.02E+00	1.52E-01	60.41	5.82E-02	23.14	4.14E-02	16.45	0.00E+00	0	2.52E-01	2.80E+01	9.36E+01	0.009	0.003	0.00005	0.00001
OCPs	beta-BHC	1.00E-02	3.65E-04	4.20E-02	2.38E-01	4.75E-05	1.36	4.42E-05	1.27	3.39E-03	97.37	0.00E+00	0	3.49E-03	4.00E-01	2.00E+00	0.009	0.002	0.00005	0.00001

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0055) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.80E+00	4.21E+00	1.74E+00	7.22E-01	2.28E-02	3.39	5.11E-01	75.77	1.40E-01	20.84	0.00E+00	0	6.74E-01	6.40E+00	3.20E+01	0.1	0.02	0.0006	0.0001
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.20E-04	1.01E-07	2.34E-05	8.88E-08	5.69E-07	23.04	1.22E-08	0.49	1.89E-06	76.47	0.00E+00	0	2.47E-06	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	7.57E-05	6.36E-08	1.48E-05	5.61E-08	3.60E-07	23.04	7.72E-09	0.49	1.19E-06	76.47	0.00E+00	0	1.56E-06	8.40E-06	3.10E-05	0.2	0.05	0.001	0.0003
Metals	Boron	2.06E+01	3.08E-01	3.29E-01	6.58E-01	9.77E-02	60.41	3.74E-02	23.14	2.66E-02	16.45	0.00E+00	0	1.62E-01	2.80E+01	9.36E+01	0.006	0.002	0.00003	0.00001
OCPs	beta-BHC	6.89E-03	2.51E-04	2.89E-02	1.82E-01	3.27E-05	1.36	3.05E-05	1.27	2.34E-03	97.37	0.00E+00	0	2.40E-03	4.00E-01	2.00E+00	0.006	0.001	0.00003	0.000007

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.0055) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.57E+00	3.54E+00	1.29E+00	5.37E-01	1.70E-02	3.083689	4.29E-01	77.94	1.04E-01	18.98	0.00E+00	0	5.50E-01	6.40E+00	3.20E+01	0.09	0.02	0.0005	0.00009
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	5.22E-05	4.39E-08	1.02E-05	3.87E-08	2.48E-07	23.038312	5.32E-09	0.49	8.24E-07	76.47	0.00E+00	0	1.08E-06	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.73E-05	2.29E-08	5.32E-06	2.02E-08	1.30E-07	23.038312	2.78E-09	0.49	4.30E-07	76.47	0.00E+00	0	5.62E-07	8.40E-06	3.10E-05	0.07	0.02	0.0004	0.0001
Metals	Boron	1.30E+01	1.95E-01	2.08E-01	4.17E-01	6.19E-02	60.411311	2.37E-02	23.14	1.69E-02	16.45	0.00E+00	0	1.02E-01	2.80E+01	9.36E+01	0.004	0.001	0.00002	0.000006
OCPs	beta-BHC	4.09E-03	1.49E-04	1.72E-02	1.25E-01	1.94E-05	1.3628647	1.81E-05	1.27	1.39E-03	97.37	0.00E+00	0	1.43E-03	4.00E-01	2.00E+00	0.004	0.0007	0.00002	0.000004

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	2.04E-02	60.41	7.80E-03	23.14	5.55E-03	16.45	0.00E+00	0	3.37E-02	2.80E+01	9.36E+01	0.001	0.0004	0.001	0.0004
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG

TABLE I-5g: Potential Daily Dose and Hazard Quotients for Raccoon: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-5h : Potential Daily Dose and Hazard Quotients for Mourning Dove: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.00056) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	6.10E+00	4.85E+00	2.21E+00	9.17E-01	1.59E-02	2.84	5.44E-01	97.16	0.00E+00	0	0.00E+00	0	5.60E-01	1.30E+01	2.60E+01	0.04	0.02	0.00002	0.00001
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	2.65E-04	2.22E-07	5.16E-05	1.96E-07	6.91E-07	96.51	2.50E-08	3.49	0.00E+00	0	0.00E+00	0	7.16E-07	1.40E-05	1.40E-04	0.05	0.005	0.00003	0.000003
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.39E-04	1.17E-07	2.71E-05	1.03E-07	3.62E-07	96.51	1.31E-08	3.49	0.00E+00	0	0.00E+00	0	3.75E-07	NA	NA	NA	NA	NA	NA
Metals	Boron	3.20E+01	4.80E-01	5.12E-01	1.02E+00	8.35E-02	60.78	5.39E-02	39.22	0.00E+00	0	0.00E+00	0	1.37E-01	2.88E+01	1.00E+02	0.005	0.001	0.000003	0.0000008
OCPs	beta-BHC	1.00E-02	3.65E-04	4.20E-02	2.38E-01	2.61E-05	38.93	4.09E-05	61.07	0.00E+00	0	0.00E+00	0	6.70E-05	5.60E-01	2.25E+00	0.0001	0.00003	7E-08	0.00000002

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.00056) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.80E+00	4.21E+00	1.74E+00	7.22E-01	1.25E-02	2.58	4.72E-01	97.42	0.00E+00	0	0.00E+00	0	4.85E-01	1.30E+01	2.60E+01	0.04	0.02	0.00002	0.00001
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.20E-04	1.01E-07	2.34E-05	8.88E-08	3.13E-07	96.51	1.13E-08	3.49	0.00E+00	0	0.00E+00	0	3.24E-07	1.40E-05	1.40E-04	0.02	0.002	0.00001	0.000001
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	7.57E-05	6.36E-08	1.48E-05	5.61E-08	1.98E-07	96.51	7.14E-09	3.49	0.00E+00	0	0.00E+00	0	2.05E-07	NA	NA	NA	NA	NA	NA
Metals	Boron	2.06E+01	3.08E-01	3.29E-01	6.58E-01	5.36E-02	60.78	3.46E-02	39.22	0.00E+00	0	0.00E+00	0	8.82E-02	2.88E+01	1.00E+02	0.003	0.0009	0.000002	0.0000005
OCPs	beta-BHC	6.89E-03	2.51E-04	2.89E-02	1.82E-01	1.80E-05	38.93	2.82E-05	61.07	0.00E+00	0	0.00E+00	0	4.62E-05	5.60E-01	2.25E+00	0.00008	0.00002	5E-08	0.00000001

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 0.00056) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.57E+00	3.54E+00	1.29E+00	5.37E-01	9.32E-03	2.29	3.97E-01	97.71	0.00E+00	0	0.00E+00	0	4.06E-01	1.30E+01	2.60E+01	0.03	0.02	0.00002	0.000009
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	5.22E-05	4.39E-08	1.02E-05	3.87E-08	1.36E-07	96.51	4.92E-09	3.49	0.00E+00	0	0.00E+00	0	1.41E-07	1.40E-05	1.40E-04	0.01	0.001	0.000006	0.0000006
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.73E-05	2.29E-08	5.32E-06	2.02E-08	7.11E-08	96.51	2.57E-09	3.49	0.00E+00	0	0.00E+00	0	7.37E-08	NA	NA	NA	NA	NA	NA
Metals	Boron	1.30E+01	1.95E-01	2.08E-01	4.17E-01	3.40E-02	60.78	2.19E-02	39.22	0.00E+00	0	0.00E+00	0	5.59E-02	2.88E+01	1.00E+02	0.002	0.0006	0.000001	0.0000003
OCPs	beta-BHC	4.09E-03	1.49E-04	1.72E-02	1.25E-01	1.07E-05	38.93	1.68E-05	61.07	0.00E+00	0	0.00E+00	0	2.74E-05	5.60E-01	2.25E+00	0.00005	0.00001	3E-08	0.000000007

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.30E+01	2.60E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	1.40E-05	1.40E-04	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	1.12E-02	60.784314	7.22E-03	39.215686	0.00E+00	0	0.00E+00	0	1.84E-02	2.88E+01	1.00E+02	0.0006	0.0002	0.0006	0.0002
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	5.60E-01	2.25E+00	No BKG	No BKG	No BKG	No BKG

TABLE I-5h : Potential Daily Dose and Hazard Quotients for Mourning Dove: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

TABLE I-5i: Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

MAXIMUM CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	6.10E+00	4.85E+00	2.21E+00	9.17E-01	4.69E-02	5.49	7.68E-01	89.96	3.88E-02	4.55	0.00E+00	0	8.53E-01	6.40E+00	3.20E+01	0.1	0.03	0.1	0.03
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	2.65E-04	2.22E-07	5.16E-05	1.96E-07	2.03E-06	68.30	3.52E-08	1.18	9.09E-07	30.51	0.00E+00	0	2.98E-06	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	1.39E-04	1.17E-07	2.71E-05	1.03E-07	1.07E-06	68.30	1.85E-08	1.18	4.77E-07	30.51	0.00E+00	0	1.56E-06	8.40E-06	3.10E-05	0.2	0.05	0.2	0.05
Metals	Boron	3.20E+01	4.80E-01	5.12E-01	1.02E+00	2.46E-01	74.30	7.60E-02	22.98	9.01E-03	2.72	0.00E+00	0	3.31E-01	2.80E+01	9.36E+01	0.01	0.004	0.01	0.004
OCPs	beta-BHC	1.00E-02	3.65E-04	4.20E-02	2.38E-01	7.68E-05	8.80	5.78E-05	6.61	7.39E-04	84.59	0.00E+00	0	8.73E-04	4.00E-01	2.00E+00	0.002	0.0004	0.002	0.0004

95th% UCL CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	4.80E+00	4.21E+00	1.74E+00	7.22E-01	3.69E-02	5.03	6.67E-01	90.81	3.06E-02	4.16	0.00E+00	0	7.34E-01	6.40E+00	3.20E+01	0.1	0.02	0.1	0.02
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	1.20E-04	1.01E-07	2.34E-05	8.88E-08	9.20E-07	68.30	1.59E-08	1.18	4.11E-07	30.51	0.00E+00	0	1.35E-06	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	7.57E-05	6.36E-08	1.48E-05	5.61E-08	5.82E-07	68.30	1.01E-08	1.18	2.60E-07	30.51	0.00E+00	0	8.52E-07	8.40E-06	3.10E-05	0.1	0.03	0.1	0.03
Metals	Boron	2.06E+01	3.08E-01	3.29E-01	6.58E-01	1.58E-01	74.30	4.89E-02	22.98	5.79E-03	2.72	0.00E+00	0	2.13E-01	2.80E+01	9.36E+01	0.008	0.002	0.008	0.002
OCPs	beta-BHC	6.89E-03	2.51E-04	2.89E-02	1.82E-01	5.30E-05	8.80	3.98E-05	6.61	5.09E-04	84.59	0.00E+00	0	6.02E-04	4.00E-01	2.00E+00	0.002	0.0003	0.002	0.0003

AVERAGE CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	3.57E+00	3.54E+00	1.29E+00	5.37E-01	2.74E-02	4.50	5.60E-01	91.78	2.27E-02	3.73	0.00E+00	0	6.10E-01	6.40E+00	3.20E+01	0.1	0.02	0.1	0.02
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	5.22E-05	4.39E-08	1.02E-05	3.87E-08	4.01E-07	68.30	6.95E-09	1.18	1.79E-07	30.51	0.00E+00	0	5.88E-07	NA	NA	NA	NA	NA	NA
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	2.73E-05	2.29E-08	5.32E-06	2.02E-08	2.09E-07	68.30	3.63E-09	1.18	9.36E-08	30.51	0.00E+00	0	3.07E-07	8.40E-06	3.10E-05	0.04	0.01	0.04	0.01
Metals	Boron	1.30E+01	1.95E-01	2.08E-01	4.17E-01	1.00E-01	74.30	3.09E-02	22.98	3.67E-03	2.72	0.00E+00	0	1.35E-01	2.80E+01	9.36E+01	0.005	0.001	0.005	0.001
OCPs	beta-BHC	4.09E-03	1.49E-04	1.72E-02	1.25E-01	3.15E-05	8.80	2.36E-05	6.61	3.02E-04	84.59	0.00E+00	0	3.58E-04	4.00E-01	2.00E+00	0.0009	0.0002	0.0009	0.0002

BACKGROUND CONCENTRATIONS

Group	Chemical	Media Concentrations				Potential Daily Dose									TRV		HQ (AUF = 1) (d)		HQ (AUF = 1) (d)	
		Soil	Plants (a)	Inverts (b)	Small Mammals (c)	Soil		Plants		Invertebrates		Mammals		Total	NOAEL	LOAEL	NOAEL	LOAEL	NOAEL	LOAEL
		mg/kg	mg/kg ww	mg/kg ww	mg/kg ww	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	% of Diet	mg/kg bw-d	mg/kg bw-d	mg/kg bw-d	unitless	unitless	unitless	unitless
Chlorine Oxyanions	Perchlorate	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	6.40E+00	3.20E+01	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Avian TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	NA	NA	No BKG	No BKG	No BKG	No BKG
Dioxins/Furans	Calculated D/F Mammal TEQ (ND=0.5DL)	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	8.40E-06	3.10E-05	No BKG	No BKG	No BKG	No BKG
Metals	Boron	4.29E+00	6.43E-02	6.86E-02	1.37E-01	3.29E-02	74.30	1.02E-02	22.98	1.21E-03	2.72	0.00E+00	0	4.43E-02	2.80E+01	9.36E+01	0.002	0.0005	0.002	0.0005
OCPs	beta-BHC	--	No BKG	No BKG	No BKG	No BKG	--	No BKG	--	No BKG	--	No BKG	--	No BKG	4.00E-01	2.00E+00	No BKG	No BKG	No BKG	No BKG

TABLE I-5i: Potential Daily Dose and Hazard Quotients for Great Basin Pocket Mouse: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BHC = Benzene hexachloride
BKG = Background
D/F = Dioxins/furans
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
DDx = DDT and isomers
DL = Detection limit
HQ = Hazard quotient
Inverts = Invertebrates
LOAEL = Lowest observed apparent effects level
mg/kg = Milligrams per kilogram
mg/kg ww = Milligram per kilogram of wet weight
mg/kg-bw d = Milligrams per kilogram bodyweight per day
NC = No criterion
ND = Nondetects
NOAEL = No observed apparent effects level
OCPs = Organochlorine pesticides
PCB = Polychlorinated biphenyls
SVOCs = Semivolatile organic compounds
TEQ = Toxicity equivalent quotient
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100

(a) Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.
(b) Invertebrates are assumed to be 16% solids. The dry weight is multiplied by 0.16 to convert to wet weight.
(c) Small mammals are assumed to be 32% solids. The dry weight concentration is multiplied by 0.32 to convert to wet weight.
(d) An AUF of 1 assumes that a receptor spends 100% of its time at the site. An AUF of less than 1 assumes that a receptor spends some portion of its time off-site based on a receptor's home range compared to the size of the site.

APPENDIX J
UNCERTAINTY ANALYSIS

J-1 Evaluation of Chemicals Detected Lacking ESVs

J-2 Evaluation of Sample Quantitation Limits for Chemicals Not Detected with ESVs

J-3 Summary of Chemicals Not Detected Lacking ESVs

J-4 Uncertainties Associated with Dioxin and Furan Bioaccumulation Factors for Soil Invertebrates

J-5 Uncertainties Associated with the use of ECOSAR for Soil Criteria

APPENDIX J-1
EVALUATION OF CHEMICALS DETECTED LACKING ESVS

Figure J-1.1 Spatial Concentration Plots for General Chemistry Parameters that were Detected without ESVs

Figure J-1.2 Spatial Concentration Plots for Chlorine Oxyanion Compounds that were Detected without ESVs

Figure J-1.3 Spatial Concentration Plots for Inorganics and/or Metals that were Detected without ESVs

Figure J-1.4 Spatial Concentration Plots for Semi-volatile Organic Compounds that were Detected without ESVs

Figure J-1.5 Spatial Concentration Plots for Volatile Organic Compounds that were Detected without ESVs

Figure J-1.6 Spatial Concentration Plots for Organophosphate Pesticide Compounds that were Detected without ESVs

Table J-1a Evaluation of Chemicals Detected Lacking ESVs: Operations Area

Table J-1b Evaluation of Chemicals Detected Lacking ESVs: Parcel E

SPATIAL PLOT FIGURES
DETECTED CHEMICALS LACKING ESVs

FIGURE J-1.1 SERIES: GENERAL CHEMISTRY

Figure J-1.1a Spatial Concentration Plot for Ammonia -- No ESV

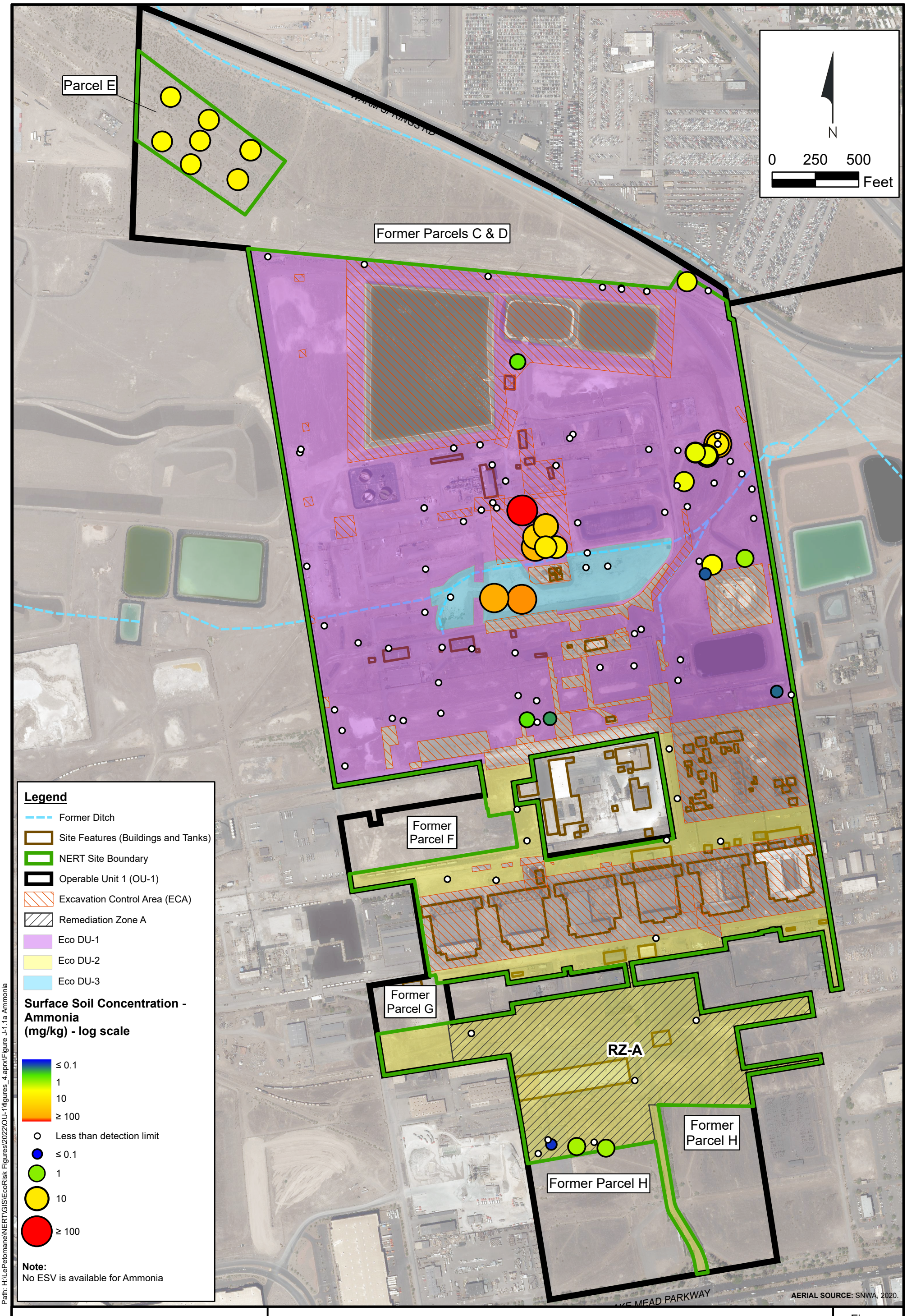
Figure J-1.1b Spatial Concentration Plot for Bromide -- No ESV

Figure J-1.1c Spatial Concentration Plot for Nitrate -- No ESV

Figure J-1.1d Spatial Concentration Plot for Nitrite -- No ESV

Figure J-1.1e Spatial Concentration Plot for Ortho-Phosphate -- No ESV

Figure J-1.1f Spatial Concentration Plot for Sulfate -- No ESV



Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_4.aprx\Figure J-1.1a Ammonia

RAMBOLL

Spatial Surface Soil Concentration Plot for Ammonia
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.1a

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Bromide (mg/kg) - log scale

- ≤ 0.05
- 0.5
- 5
- ≥ 50
- Less than detection limit
- ≤ 0.05
- 0.5
- 5
- ≥ 50

Note:
No ESV is available for Bromide

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_4.aprx\Figure J-1.1b Bromide

RAMBOLL

Spatial Surface Soil Concentration Plot for Bromide
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.1b

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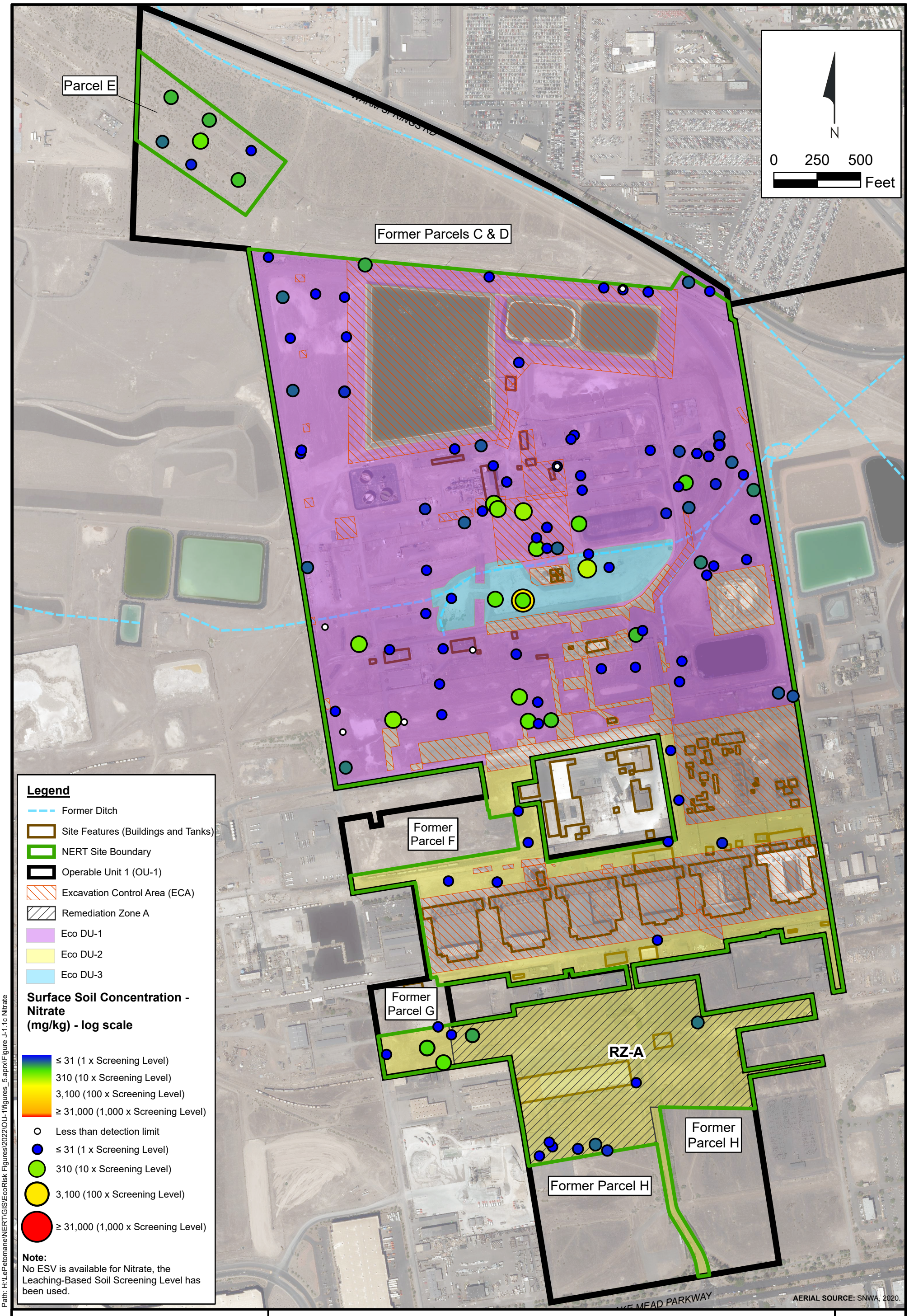

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_5.aprx\Figure J-1.1c Nitrate

RAMBOLL

Spatial Surface Soil Concentration Plot for Nitrate
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.1c

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Parcel E

Former Parcels C & D

N

0 250 500

Feet

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Nitrite (mg/kg) - log scale

- ≤ 0.005
- 0.05
- 0.5
- ≥ 5
- Less than detection limit
- ≤ 0.005
- 0.05
- 0.5
- ≥ 5

Note:
No ESV is available for Nitrite

AERIAL SOURCE: SNWA, 2020.

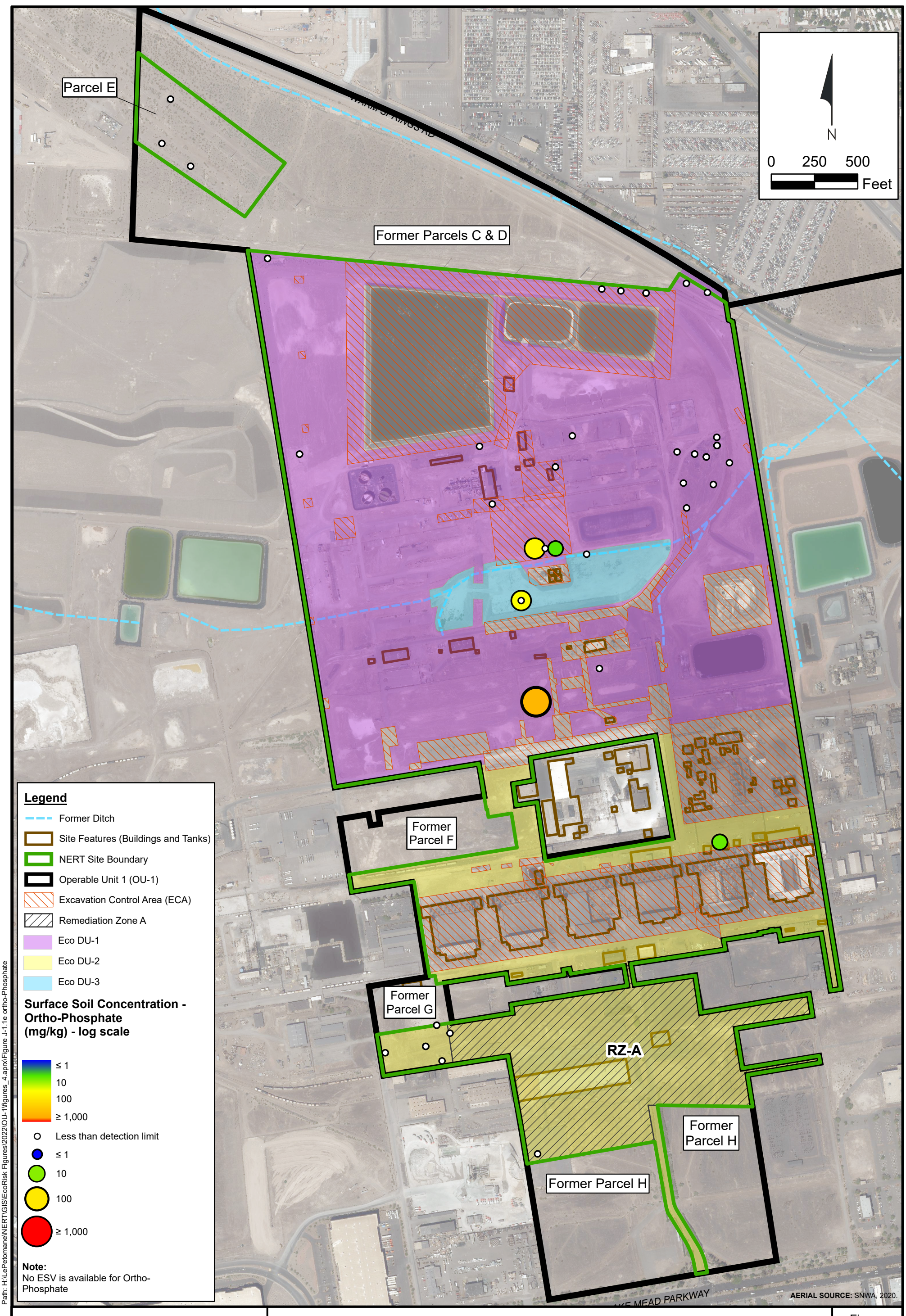
Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_4.aprx\Figure J-1.1d Nitrite

RAMBOLL

Spatial Surface Soil Concentration Plot for Nitrite
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.1d

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



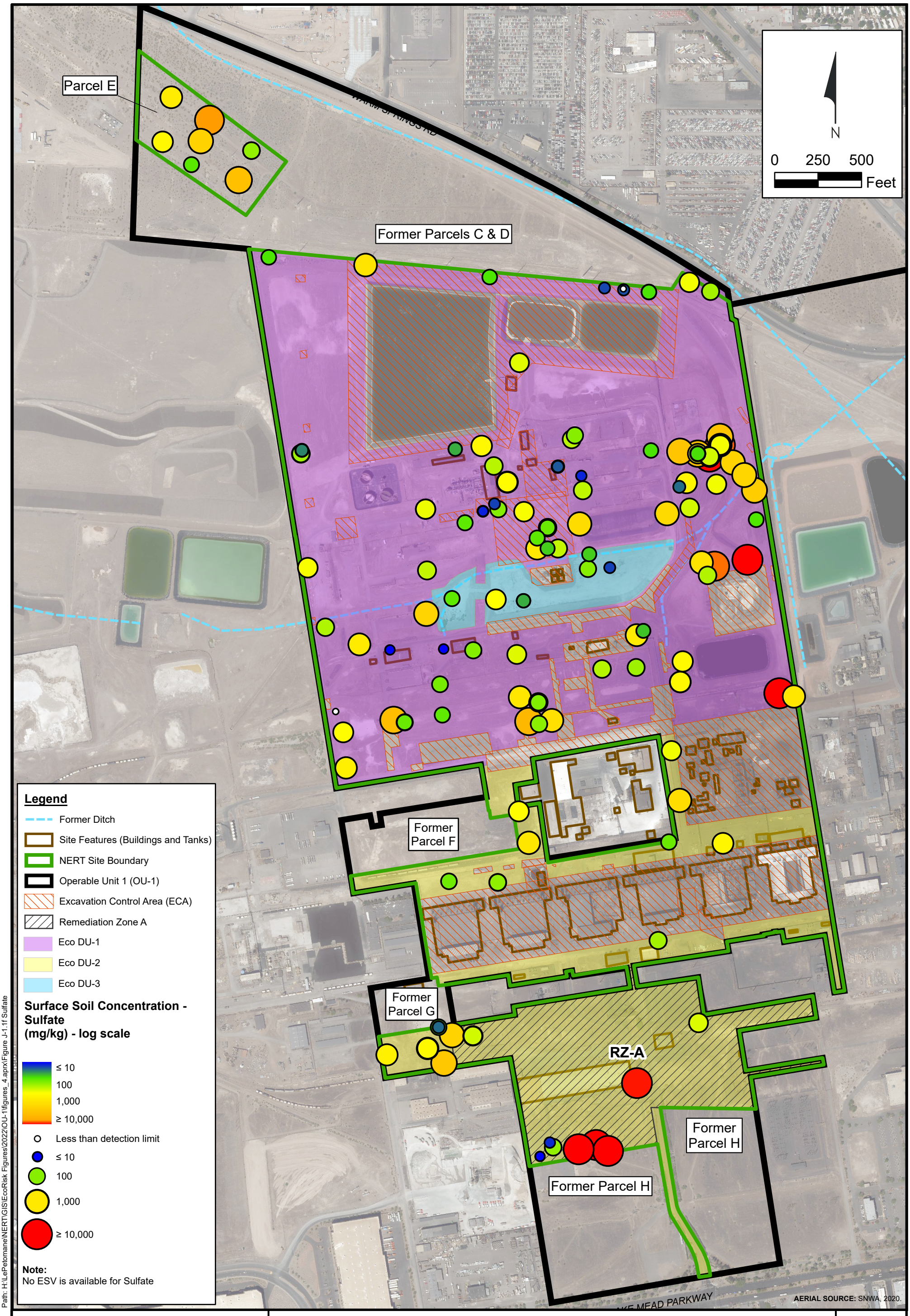
Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_4.aprx\Figure J-1.1e ortho-Phosphate

RAMBOLL

Spatial Surface Soil Concentration Plot for Ortho-Phosphate
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.1e

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_4.aprx\Figure J-1.1f Sulfate

RAMBOLL

Spatial Surface Soil Concentration Plot for Sulfate
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.1f

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

FIGURE J-1.2 SERIES: CHLORINE OXYANIONS

Figure J-1.2a Spatial Concentration Plot for Chlorate -- No ESV

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

Former Parcel H

Former Parcel H

RZ-A

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Chlorate (mg/kg) - log scale

- ≤ 1.03 (1 x Screening Level)
- 10.3 (10 x Screening Level)
- 103 (100 x Screening Level)
- ≥ 1,030 (1,000 x Screening Level)
- Less than detection limit
- ≤ 1.03 (1 x Screening Level)
- 10.3 (10 x Screening Level)
- 103 (100 x Screening Level)
- ≥ 1,030 (1,000 x Screening Level)

Note:
No ESV is available for Chlorate, the Leaching-Based Soil Screening Level has been used.

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_5.aprx\Figure J-1.2a Chlorate

RAMBOLL

Spatial Surface Soil Concentration Plot for Chlorate
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.2a

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

FIGURE J-1.3 SERIES: METALS

Figure J-1.3a Spatial Concentration Plot for Magnesium -- No ESV

Figure J-1.3b Spatial Concentration Plot for Sulfur -- No ESV

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Magnesium (mg/kg) - log scale

- ≤ 889 (1 x Screening Level)
- 8,890 (10 x Screening Level)
- 88,900 (100 x Screening Level)
- ≥ 889,000 (1,000 x Screening Level)
- Less than detection limit
- ≤ 889 (1 x Screening Level)
- 8,890 (10 x Screening Level)
- 88,900 (100 x Screening Level)
- ≥ 889,000 (1,000 x Screening Level)

Note:
No ESV is available for Magnesium, the Leaching-Based Soil Screening Level has been used.

AERIAL SOURCE: SNWA, 2020.

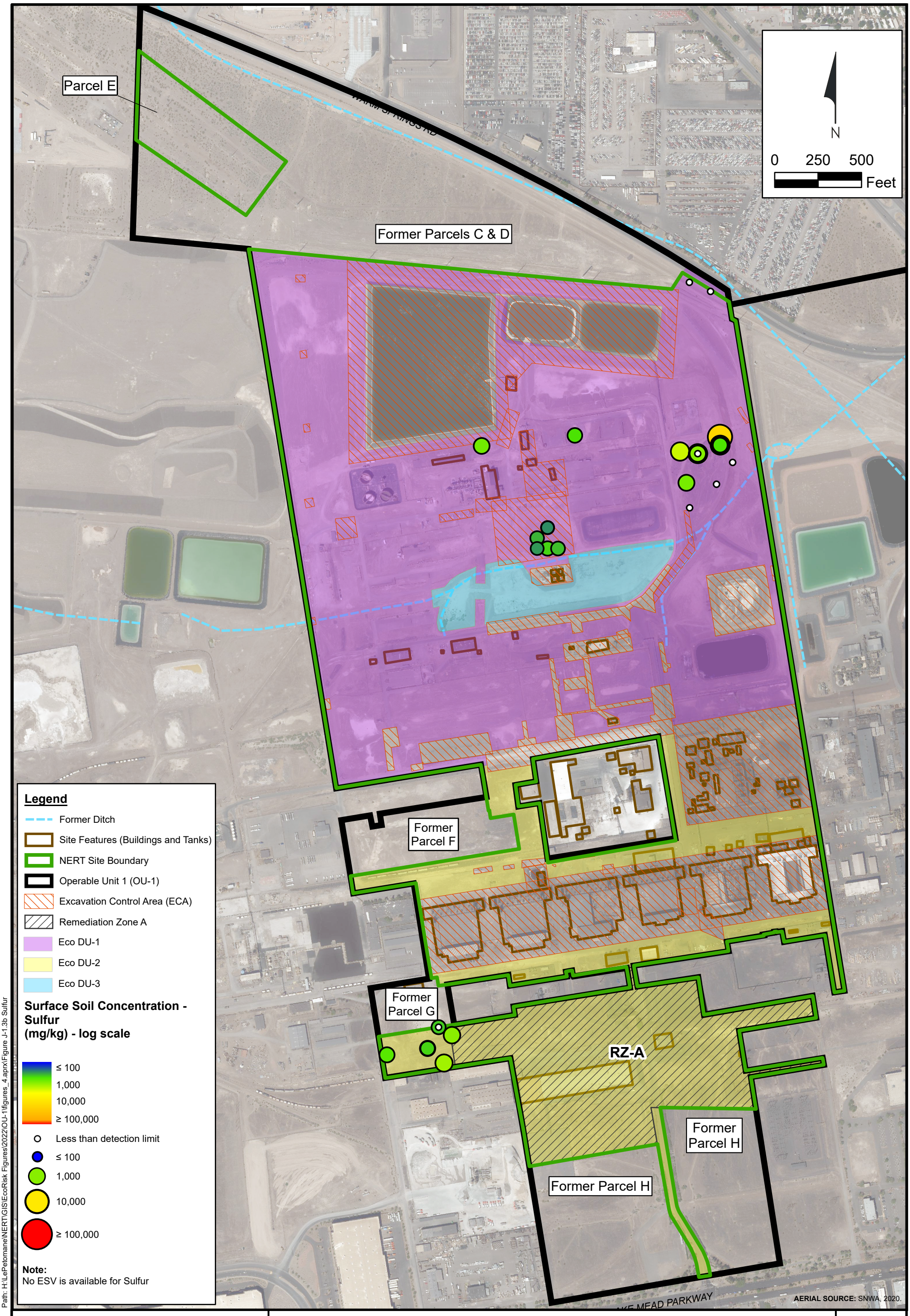
Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_5.aprx\Figure J-1.3a Magnesium

RAMBOLL

Spatial Surface Soil Concentration Plot for Magnesium
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.3a

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_4.aprx\Figure J-1.3b Sulfur

RAMBOLL

Spatial Surface Soil Concentration Plot for Sulfur
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.3b

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Parcel F

Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Sale Parcel Boundary
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Magnesium (mg/kg) - log scale

- ≤ 889 (1 x Screening Level)
- 8,890 (10 x Screening Level)
- 88,900 (100 x Screening Level)
- ≥ 889,000 (1,000 x Screening Level)
- Less than detection limit
- ≤ 889 (1 x Screening Level)
- 8,890 (10 x Screening Level)
- 88,900 (100 x Screening Level)
- ≥ 889,000 (1,000 x Screening Level)

Note:
No ESV is available for Magnesium, the Leaching-Based Soil Screening Level has been used.

JDKING; SNWA

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_5.aprx\Figure J-1.3a Magnesium

RAMBOLL

Spatial Surface Soil Concentration Plot for Magnesium
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.3a

Drafter: JC | Date: 2023-02-03 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Parcel F

Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Sale Parcel Boundary
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Sulfur (mg/kg) - log scale

- ≤ 100
- 1,000
- 10,000
- ≥ 100,000
- Less than detection limit
- ≤ 100
- 1,000
- 10,000
- ≥ 100,000

Note:
No ESV is available for Sulfur

JDKING: SNWA

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_4.aprx\Figure J-1.3b Sulfur

RAMBOLL

Spatial Surface Soil Concentration Plot for Sulfur
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.3b

Drafter: JC | Date: 2023-02-03 | Contract Number: 169002 9369 | Approved by: | Revised:

FIGURE 1-1.4 SERIES: SEMI-VOLATILE ORGANIC COMPOUNDS

Figure J-1.4a Spatial Concentration Plot for 2-Chloronaphthalene -- No ESV

Figure J-1.4b Spatial Concentration Plot for 4-Chloro-3-methylphenol -- No ESV

Figure J-1.4c Spatial Concentration Plot for Isophorone -- No ESV

Figure J-1.4d Spatial Concentration Plot for Octachlorostyrene -- No ESV

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - 2-Chloronaphthalene (mg/kg) - log scale

- ≤ 0.01
- 0.1
- 1
- ≥ 10
- Less than detection limit
- ≤ 0.01
- 0.1
- 1
- ≥ 10

Note:
No ESV is available for 2-Chloronaphthalene

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_4.aprx\Figure J-1.4a 2-Chloronaphthalene

RAMBOLL

Spatial Surface Soil Concentration Plot for 2-Chloronaphthalene
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.4a

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - 4-Chloro-3-methylphenol (mg/kg) - log scale

- ≤ 0.01
- 0.1
- 1
- ≥ 10
- Less than detection limit
- ≤ 0.01
- 0.1
- 1
- ≥ 10

Note:
No ESV is available for 4-Chloro-3-methylphenol

AERIAL SOURCE: SNWA, 2020.

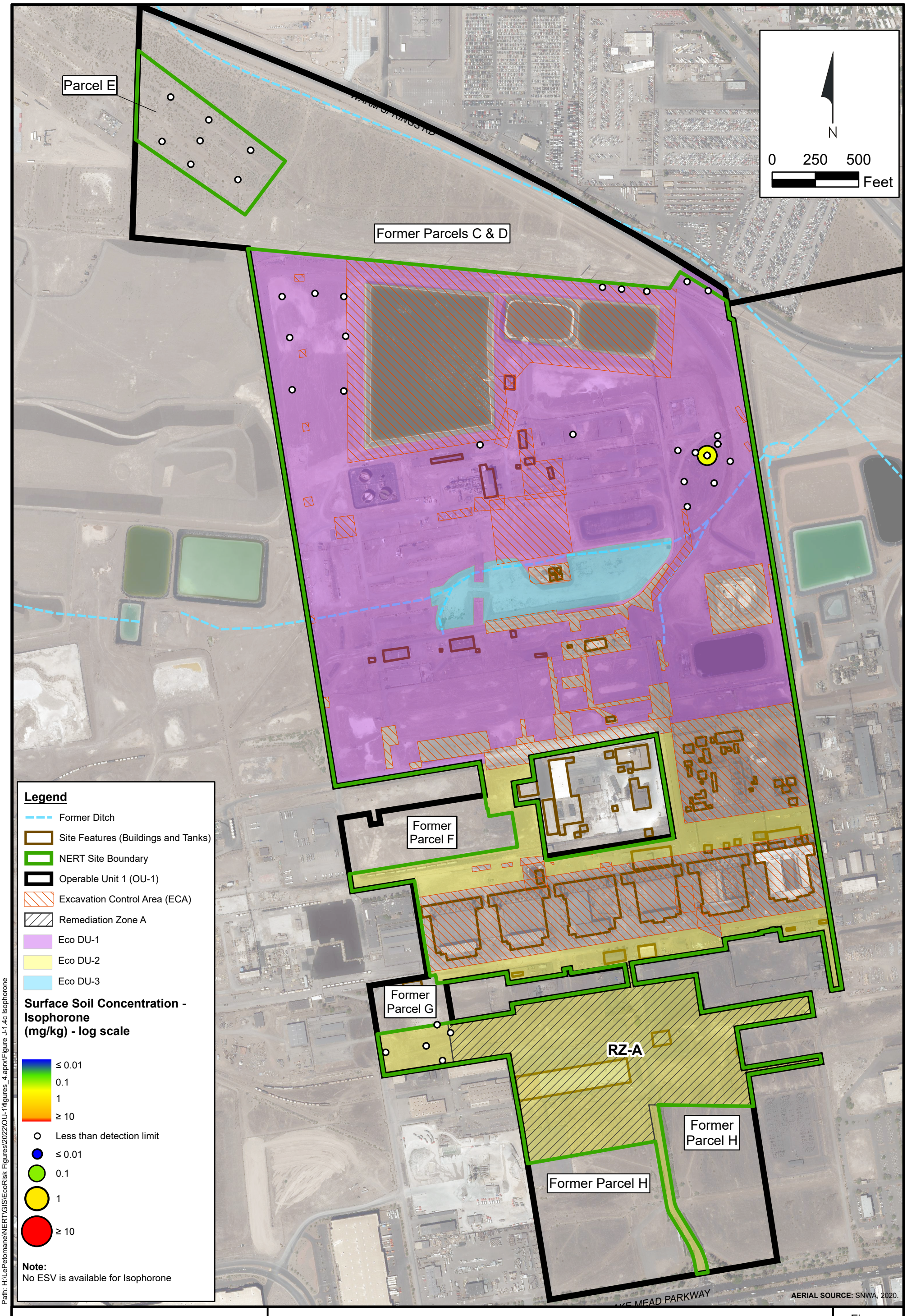
Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_4.aprx\Figure J-1.4b 4-Chloro-3-methylphenol

RAMBOLL

Spatial Surface Soil Concentration Plot for 4-Chloro-3-methylphenol
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.4b

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_4.aprx\Figure J-1.4c Isophorone

RAMBOLL

Spatial Surface Soil Concentration Plot for Isophorone
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.4c

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Octachlorostyrene (mg/kg) - log scale

- ≤ 0.001
- 0.01
- 0.1
- ≥ 1
- Less than detection limit
- ≤ 0.001
- 0.01
- 0.1
- ≥ 1

Note:
No ESV is available for Octachlorostyrene

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_4.aprx\Figure J-1.4d Octachlorostyrene

RAMBOLL

Spatial Surface Soil Concentration Plot for Octachlorostyrene
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.4d

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

FIGURE J-1.5 SERIES: VOLATILE ORGANIC COMPOUNDS

Figure J-1.5a Spatial Concentration Plot for Bromodichloromethane -- No ESV

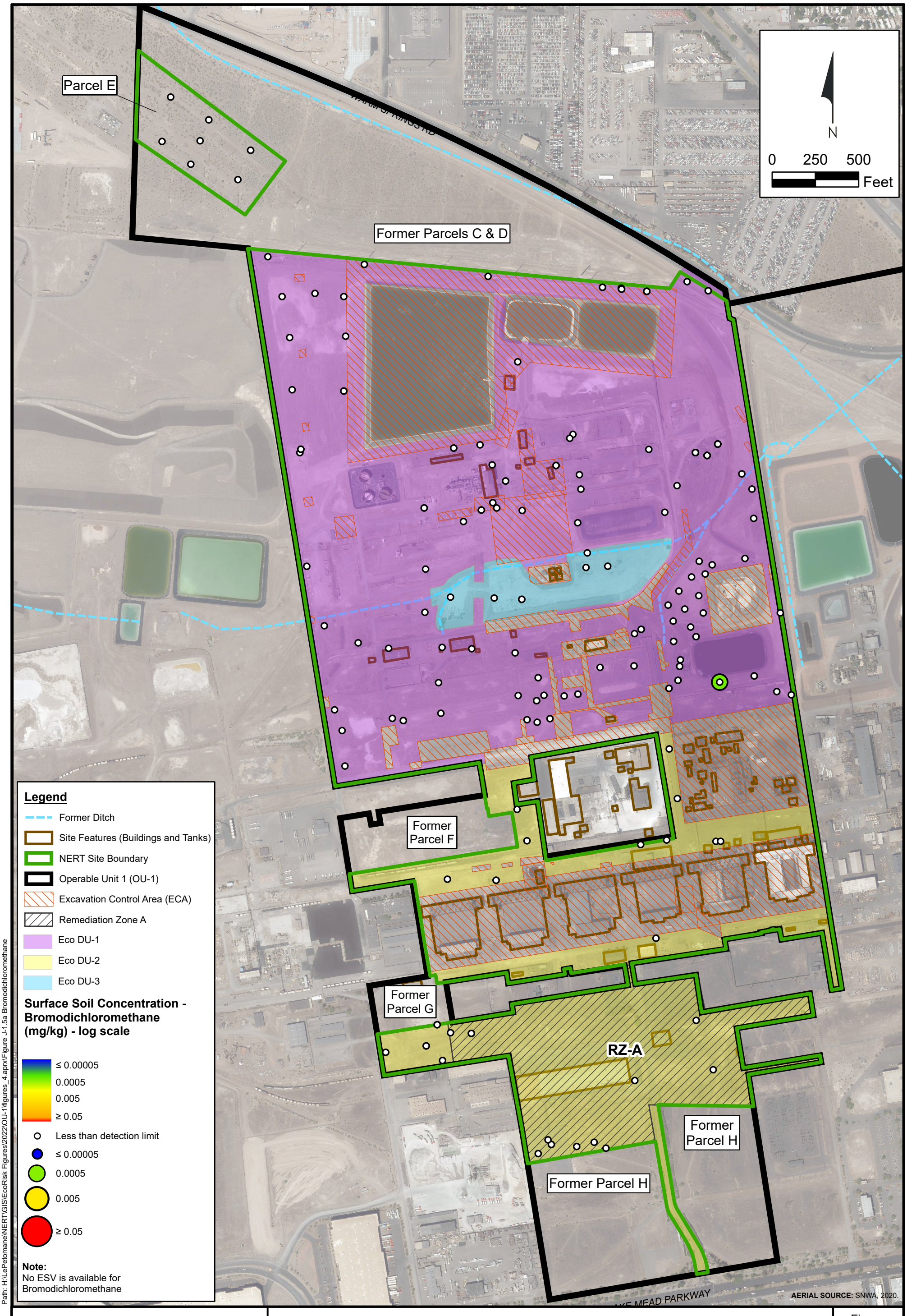
Figure J-1.5b Spatial Concentration Plot for Chloromethane -- No ESV

Figure J-1.5c Spatial Concentration Plot for Ethyl tert-butyl ether -- No ESV

Figure J-1.5d Spatial Concentration Plot for Formaldehyde -- No ESV

Figure J-1.5e Spatial Concentration Plot for Methyl tert-butyl ether -- No ESV

Figure J-1.5f Spatial Concentration Plot for Tert-butyl Alcohol -- No ESV



Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_4.aprx\Figure J-1.5a Bromodichloromethane

RAMBOLL

Spatial Surface Soil Concentration Plot for Bromodichloromethane
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.5a

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Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Chloromethane (mg/kg) - log scale

- ≤ 0.00005
- 0.0005
- 0.005
- ≥ 0.05
- Less than detection limit
- ≤ 0.00005
- 0.0005
- 0.005
- ≥ 0.05

Note:
No ESV is available for Chloromethane

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_4.aprx\Figure J-1.5b Chloromethane

RAMBOLL

Spatial Surface Soil Concentration Plot for Chloromethane
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.5b

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Ethyl tert-butyl ether (mg/kg) - log scale

- ≤ 0.00005
- 0.0005
- 0.005
- ≥ 0.05
- Less than detection limit
- ≤ 0.00005
- 0.0005
- 0.005
- ≥ 0.05

Note:
No ESV is available for Ethyl tert-butyl ether

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_4.aprx\Figure J-1.5c Ethyl tert-butyl ether

RAMBOLL

Spatial Surface Soil Concentration Plot for Ethyl tert-butyl ether
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.5c

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Formaldehyde (mg/kg) - log scale

- ≤ 0.001
- 0.01
- 0.1
- ≥ 1
- Less than detection limit
- ≤ 0.001
- 0.01
- 0.1
- ≥ 1

Note:
No ESV is available for Formaldehyde

AERIAL SOURCE: SNWA, 2020.

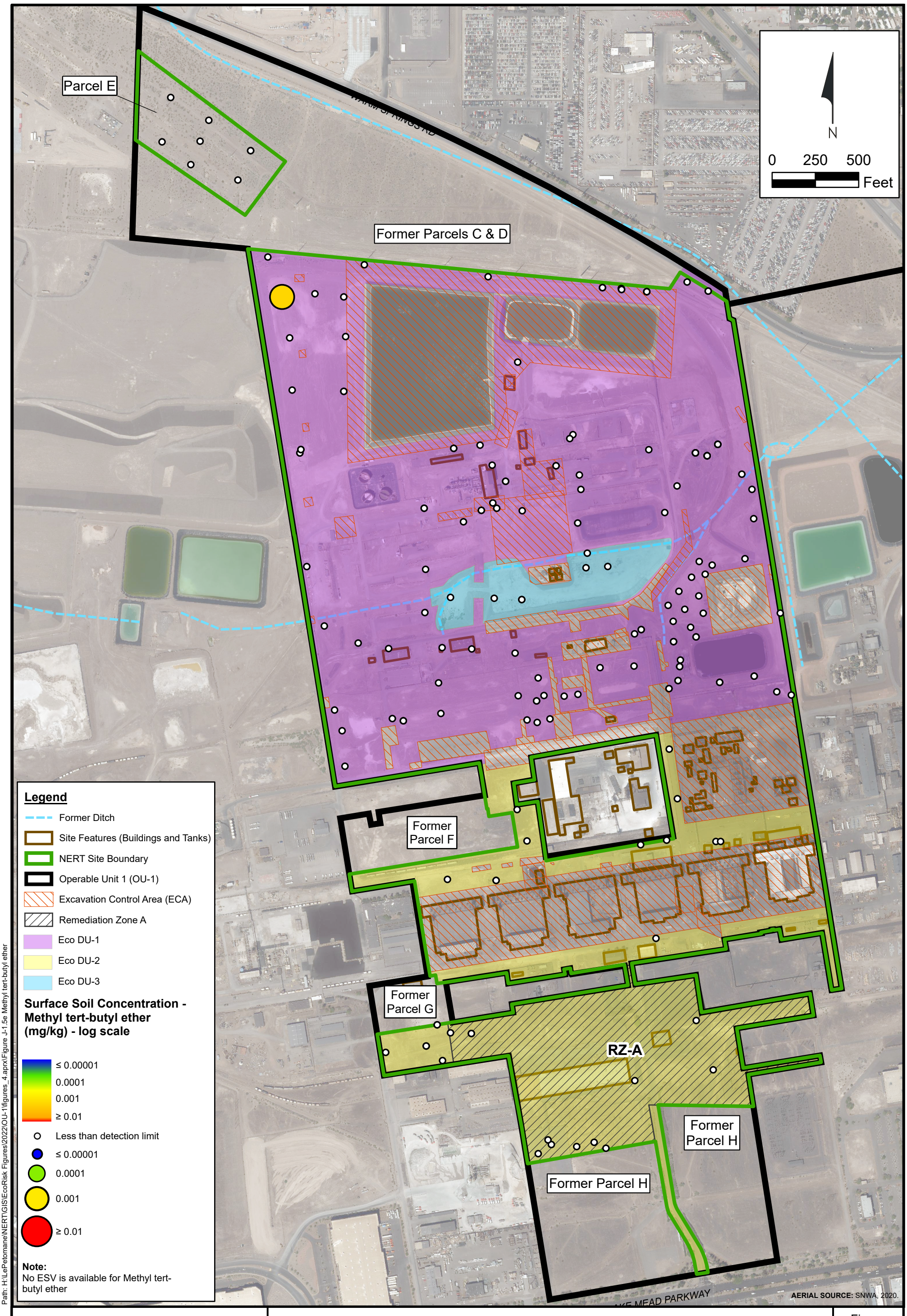
Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_4.aprx\Figure J-1.5d Formaldehyde

RAMBOLL

Spatial Surface Soil Concentration Plot for Formaldehyde
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.5d

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_4.aprx\Figure J-1.5e Methyl tert-butyl ether

RAMBOLL

Spatial Surface Soil Concentration Plot for Methyl tert-butyl ether
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.5e

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

N

0 250 500

Feet

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Tert Butyl alcohol (mg/kg) - log scale

- ≤ 0.0001
- 0.001
- 0.01
- ≥ 0.1
- Less than detection limit
- ≤ 0.0001
- 0.001
- 0.01
- ≥ 0.1

Note:
No ESV is available for Tert Butyl alcohol

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_4.aprx\Figure J-1.5f tert Butyl alcohol

RAMBOLL

Spatial Surface Soil Concentration Plot for Tert Butyl alcohol
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.5f

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

FIGURE J-1.6 SERIES: ORGANOPHOSPHATE PESTICIDES

Figure J-1.6a Spatial Concentration Plot for Dimethoate -- No ESV

Figure J-1.6b Spatial Concentration Plot for Stirophos -- No ESV

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Dimethoate (mg/kg) - log scale

- ≤ 0.001
- 0.01
- 0.1
- ≥ 1
- Less than detection limit
- ≤ 0.001
- 0.01
- 0.1
- ≥ 1

Note:
No ESV is available for Dimethoate

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_4.aprx\Figure J-1.6a Dimethoate

RAMBOLL

Spatial Surface Soil Concentration Plot for Dimethoate
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.6a

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Stirophos (mg/kg) - log scale

- ≤ 0.001
- 0.01
- 0.1
- ≥ 1
- Less than detection limit
- ≤ 0.001
- 0.01
- 0.1
- ≥ 1

Note:
No ESV is available for Stirophos

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_4.aprx\Figure J-1.6b Stirophos

RAMBOLL

Spatial Surface Soil Concentration Plot for Stirophos
Nevada Environmental Response Trust
Henderson, Nevada

Figure
J-1.6b

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	SA-186	SA186-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	2580	Y	
DU-1	SA-11	SA11-0.5D	Chlorine Oxyanions	Chlorate	14866-68-3	1410	Y	
DU-1	SA-11	SA11-0.5	Chlorine Oxyanions	Chlorate	14866-68-3	1300	Y	
DU-1	RIDB-6	RIDB-6-0.5-20170225	Chlorine Oxyanions	Chlorate	14866-68-3	1200	Y	
DU-1	RIT-2-05	RIT-2-05-20141113	Chlorine Oxyanions	Chlorate	14866-68-3	750	Y	
DU-1	RSAO5	RSAO5-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	662	Y	
DU-2	SA-7	SA7-0.5	Chlorine Oxyanions	Chlorate	14866-68-3	108	Y	J+
DU-1	RIT-2-03	RIT-2-03-20141112-FD	Chlorine Oxyanions	Chlorate	14866-68-3	78	Y	
DU-1	RIT-2-03	RIT-2-03-20141112	Chlorine Oxyanions	Chlorate	14866-68-3	76	Y	
DU-1	SA-50	SA50-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	53.8	Y	
DU-1	RISB-32	RISB-32-0.5-20141120	Chlorine Oxyanions	Chlorate	14866-68-3	48	Y	J+
DU-1	SA-151	SA151-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	31	Y	J+
DU-1	RIDB-7	RIDB-7-0.5-20170312	Chlorine Oxyanions	Chlorate	14866-68-3	31	Y	
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	Chlorine Oxyanions	Chlorate	14866-68-3	30	Y	
DU-2	RSAT6	RSAT6-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	29.9	Y	
DU-1	RISB-01	RISB-1-0.5-20181218	Chlorine Oxyanions	Chlorate	14866-68-3	28	Y	
DU-1	SA-158	SA158-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	21.5	Y	
DU-1	RISB-13	RISB-13-0.5-20141217	Chlorine Oxyanions	Chlorate	14866-68-3	19	Y	
DU-2	RSAS3	RSAS3009-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	18.7	Y	
DU-1	SA-19	SA19-0.5	Chlorine Oxyanions	Chlorate	14866-68-3	18.4	Y	J-
DU-1	SA-85	SA85-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	18.4	Y	
DU-1	SA-185	SA185-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	18.3	Y	
DU-2	RSAS3	RSAS3-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	17.7	Y	
DU-1	RSAO8	RSAO8-11.5B	Chlorine Oxyanions	Chlorate	14866-68-3	16.5	Y	
DU-1	SA-176	SA176-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	16.2	Y	
DU-1	RIT-3-01	RIT-3-01-20141113	Chlorine Oxyanions	Chlorate	14866-68-3	16	Y	
DU-3	SA-15	SA15-10D	Chlorine Oxyanions	Chlorate	14866-68-3	15.7	Y	J-
DU-2	TSB-GR-02	TSB-GR-02-0	Chlorine Oxyanions	Chlorate	14866-68-3	15.5	Y	J-
DU-1	RIT-2-01	RIT-2-01-20141112	Chlorine Oxyanions	Chlorate	14866-68-3	15	Y	
DU-2	TSB-GR-02	TSB-GR-02-0-FD	Chlorine Oxyanions	Chlorate	14866-68-3	13.8	Y	J-
DU-1	SA-166	SA166-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	13	Y	
DU-2	TSB-GJ-03	TSB-GJ-03-0	Chlorine Oxyanions	Chlorate	14866-68-3	12.2	Y	J-
DU-1	SA-141	SA141-14B	Chlorine Oxyanions	Chlorate	14866-68-3	11.1	Y	J-
DU-1	RISB-31	RISB-31-0.5-20141119	Chlorine Oxyanions	Chlorate	14866-68-3	11	Y	
DU-1	SA-18	SA18-0.5	Chlorine Oxyanions	Chlorate	14866-68-3	10.2	Y	
DU-2	SA-138	SA138-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	9.9	Y	
DU-1	SA-141	SA141009-14B	Chlorine Oxyanions	Chlorate	14866-68-3	9.8	Y	
DU-1	RSAJ5	RSAJ5-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	9.68	Y	J
DU-1	RISB-29	RISB-29-0.5-20141027	Chlorine Oxyanions	Chlorate	14866-68-3	9	Y	
DU-1	RISB-26	RISB-26-0.5-20141023	Chlorine Oxyanions	Chlorate	14866-68-3	8.9	Y	
DU-1	RISB-47	RISB-47-0.5-20141120	Chlorine Oxyanions	Chlorate	14866-68-3	8.5	Y	J
DU-1	RISB-10	RISB-10-0.5-20141215	Chlorine Oxyanions	Chlorate	14866-68-3	8.3	Y	
DU-1	RISB-21	RISB-21-0.5-20141031	Chlorine Oxyanions	Chlorate	14866-68-3	7.9	Y	
DU-1	RISB-03	RISB-3-0.5-20181218	Chlorine Oxyanions	Chlorate	14866-68-3	6.1	Y	
DU-1	M-161D	M-161D-0.5-20141203	Chlorine Oxyanions	Chlorate	14866-68-3	6	Y	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	SA-72	SA72-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	6	Y	
DU-2	SA-103	SA103-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	5.83	Y	
DU-1	RISB-14	RISB-14-0.5-20141216	Chlorine Oxyanions	Chlorate	14866-68-3	5.2	Y	
DU-2	RSAP7	RSAP7-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	4.93	Y	
DU-1	RIT-1-02	RIT-1-02-20141111	Chlorine Oxyanions	Chlorate	14866-68-3	4.8	Y	
DU-1	SA-18	SA18-0.5D	Chlorine Oxyanions	Chlorate	14866-68-3	4.7	Y	J
DU-1	RSAM6	RSAM6-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	3.94	Y	
DU-1	RIDB-1	RIDB-1-0.5-20170308	Chlorine Oxyanions	Chlorate	14866-68-3	3.9	Y	
DU-1	RSAI4	RSAI4-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	3.56	Y	
DU-1	RISB-09	RISB-09-0.5-20141211	Chlorine Oxyanions	Chlorate	14866-68-3	3.4	Y	
DU-2	RSAQ6	RSAQ6-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	3.21	Y	
DU-1	RISB-20	RISB-20-0.5-20141029	Chlorine Oxyanions	Chlorate	14866-68-3	2.9	Y	
DU-1	RISB-24	RISB-24-0.5-20141027	Chlorine Oxyanions	Chlorate	14866-68-3	2.8	Y	
DU-3	SA-16	SA16-0.5	Chlorine Oxyanions	Chlorate	14866-68-3	2.65	N	UJ
DU-1	SA-21	SA21-0.5	Chlorine Oxyanions	Chlorate	14866-68-3	2.6	N	U
DU-1	SA-173	SA173-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	2.44	Y	J
DU-1	SA-171	SA171-5B	Chlorine Oxyanions	Chlorate	14866-68-3	2.42	Y	
DU-1	RIDB-2	RIDB-2-0.5-20170309	Chlorine Oxyanions	Chlorate	14866-68-3	2.4	Y	
DU-1	RSAL4	RSAL4009-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	2.34	Y	
DU-1	RIDB-4	RIDB-4-0.5-20170306	Chlorine Oxyanions	Chlorate	14866-68-3	2.3	Y	
DU-3	SA-64	SA64-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	2.27	Y	
DU-1	RSAL4	RSAL4-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	2.07	Y	
DU-1	SA-71	SA71-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	1.99	Y	
DU-3	SA-128	SA128-10B	Chlorine Oxyanions	Chlorate	14866-68-3	1.98	Y	
DU-1	SA-92	SA92-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	1.93	Y	
DU-1	SA-12	SA12-0.5	Chlorine Oxyanions	Chlorate	14866-68-3	1.9	Y	J
DU-1	RIT-1-04	RIT-1-04-20141112	Chlorine Oxyanions	Chlorate	14866-68-3	1.8	Y	
DU-1	RIT-1-03	RIT-1-03-20141112	Chlorine Oxyanions	Chlorate	14866-68-3	1.8	Y	
DU-1	RISB-18	RISB-18-0.5-20141027	Chlorine Oxyanions	Chlorate	14866-68-3	1.7	Y	J-
DU-1	RISB-22	RISB-22-0.5-20141029	Chlorine Oxyanions	Chlorate	14866-68-3	1.6	Y	
DU-1	M-162D	M-162D-0.5-20141209	Chlorine Oxyanions	Chlorate	14866-68-3	1.6	Y	
DU-1	RISB-12	RISB-12-0.5-20141215	Chlorine Oxyanions	Chlorate	14866-68-3	1.6	Y	
DU-1	RISB-11	RISB-11-0.5-20141217	Chlorine Oxyanions	Chlorate	14866-68-3	1.6	Y	
DU-1	RSAM2	RSAM2-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	1.26	Y	J
DU-1	RSAO6	RSAO6-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	1.21	Y	
DU-1	RISB-35	RISB-35-0.5-20141119	Chlorine Oxyanions	Chlorate	14866-68-3	1.1	Y	
DU-1	RSAK6	RSAK6-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	1.08	Y	
DU-1	RISB-28	RISB-28-0.5-20141024	Chlorine Oxyanions	Chlorate	14866-68-3	0.99	Y	
DU-1	SA-145	SA145-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.979	Y	
DU-1	RSAI5	RSAI5-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.964	Y	
DU-1	RSAN5	RSAN5-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.821	Y	
DU-1	RIT-1-01	RIT-1-01-20141111	Chlorine Oxyanions	Chlorate	14866-68-3	0.81	Y	
DU-1	RISB-48	RISB-48-0.5-20141120	Chlorine Oxyanions	Chlorate	14866-68-3	0.79	Y	J
DU-1	RIDB-5	RIDB-5-0.5-20170311	Chlorine Oxyanions	Chlorate	14866-68-3	0.79	Y	J
DU-1	SA-55	SA55-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.783	Y	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-2	SA-121	SA121-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.759	Y	J-
DU-1	RIT-2-04	RIT-2-04-20141113	Chlorine Oxyanions	Chlorate	14866-68-3	0.73	Y	
DU-1	RISB-30	RISB-30-0.5-20141118	Chlorine Oxyanions	Chlorate	14866-68-3	0.72	Y	
DU-1	RISB-37	RISB-37-0.5-20141117	Chlorine Oxyanions	Chlorate	14866-68-3	0.65	Y	
DU-1	RIT-2-02	RIT-2-02-20141112	Chlorine Oxyanions	Chlorate	14866-68-3	0.62	Y	
DU-1	SA-20	SA20-0.5D	Chlorine Oxyanions	Chlorate	14866-68-3	0.6	N	UJ
DU-3	SA-15	SA15-10	Chlorine Oxyanions	Chlorate	14866-68-3	0.6	N	U
DU-1	RSAM7	RSAM7-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.585	Y	
DU-1	RIT-3-05	RIT-3-05-20141113	Chlorine Oxyanions	Chlorate	14866-68-3	0.56	Y	
DU-2	SA-31	SA31-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.554	Y	
DU-1	RIDB-3	RIDB-3-0.5-20170310	Chlorine Oxyanions	Chlorate	14866-68-3	0.55	Y	J
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	Chlorine Oxyanions	Chlorate	14866-68-3	0.55	N	UJ
DU-1	SA-20	SA20-0.5	Chlorine Oxyanions	Chlorate	14866-68-3	0.55	N	UJ
DU-2	TSB-GJ-04	TSB-GJ-04-0	Chlorine Oxyanions	Chlorate	14866-68-3	0.55	N	UJ
DU-2	SA-2	SA2-0.5	Chlorine Oxyanions	Chlorate	14866-68-3	0.55	N	UJ
DU-2	SA-121	SA121009-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.541	Y	J
DU-2	SA-212	SA212-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.522	Y	J+
DU-1	SA-62	SA62-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.518	Y	
DU-2	TSB-GJ-05	TSB-GJ-05-0	Chlorine Oxyanions	Chlorate	14866-68-3	0.5	N	UJ
DU-3	TSB-GJ-02	TSB-GJ-02-0	Chlorine Oxyanions	Chlorate	14866-68-3	0.5	N	UJ
DU-1	SA-67	SA67-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.476	Y	J
DU-1	RISB-05	RISB-5-0.5-20181218	Chlorine Oxyanions	Chlorate	14866-68-3	0.43	Y	
DU-1	RISB-05	RISB-5-0.5-20181218-FD	Chlorine Oxyanions	Chlorate	14866-68-3	0.43	Y	
DU-1	SA-152	SA152-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.414	Y	J
DU-1	RISB-36	RISB-36-0.5-20141118	Chlorine Oxyanions	Chlorate	14866-68-3	0.39	Y	
DU-1	RSAM4	RSAM4-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.381	Y	
DU-1	SA-152	SA152009-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.366	Y	J
DU-1	RSAI7	RSAI7-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.322	Y	J
DU-1	RSAK4	RSAK4009-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.291	Y	
DU-2	RSAQ7	RSAQ7-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.29	Y	
DU-1	RSAK4	RSAK4-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.27	Y	
DU-1	RISB-17	RISB-17-0.5-20141028	Chlorine Oxyanions	Chlorate	14866-68-3	0.27	Y	
DU-3	SA-65	SA65-10B	Chlorine Oxyanions	Chlorate	14866-68-3	0.265	Y	
DU-1	RISB-27	RISB-27-0.5-20141024	Chlorine Oxyanions	Chlorate	14866-68-3	0.26	Y	
DU-1	RISB-19	RISB-19-0.5-20141027	Chlorine Oxyanions	Chlorate	14866-68-3	0.24	Y	
DU-1	RSAM8	RSAM8-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.239	Y	
DU-2	SA-146	SA146-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.232	Y	
DU-1	RSAL8	RSAL8-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.231	Y	
DU-1	SA-189	SA189-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.227	Y	J
DU-1	RISB-34	RISB-34-0.5-20141119	Chlorine Oxyanions	Chlorate	14866-68-3	0.21	Y	
DU-1	RIT-1-05	RIT-1-05-20141112	Chlorine Oxyanions	Chlorate	14866-68-3	0.18	Y	J
DU-1	RISB-25	RISB-25-0.5-20141023	Chlorine Oxyanions	Chlorate	14866-68-3	0.11	Y	J
DU-1	RISB-40	RISB-40-0.5-20141121	Chlorine Oxyanions	Chlorate	14866-68-3	0.091	Y	J
DU-1	SA-87	SA87-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.0825	N	
DU-1	SA-180	SA180-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.0825	N	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	RISB-39	RISB-39-0.5-20141121	Chlorine Oxyanions	Chlorate	14866-68-3	0.078	Y	J
DU-1	RIT-3-03	RIT-3-03-20141113-FD	Chlorine Oxyanions	Chlorate	14866-68-3	0.076	Y	J
DU-1	RIT-3-03	RIT-3-03-20141113	Chlorine Oxyanions	Chlorate	14866-68-3	0.074	Y	J
DU-1	RISB-23	RISB-23-0.5-20141028	Chlorine Oxyanions	Chlorate	14866-68-3	0.072	Y	J
DU-2	SA-28	SA28-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.054	Y	J
DU-1	RSAL5	RSAL5-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.052	Y	J
DU-2	RSAU4	RSAU4-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.05	Y	J
DU-1	RISB-02	RISB-2-0.5-20181218	Chlorine Oxyanions	Chlorate	14866-68-3	0.044	Y	J
DU-1	RISB-04	RISB-4-0.5-20181218	Chlorine Oxyanions	Chlorate	14866-68-3	0.039	Y	J
DU-2	RSAU5	RSAU5-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.0285	N	
DU-2	SA-147	SA147-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.028	N	
DU-1	RISB-16	RISB-16-0.5-20141029	Chlorine Oxyanions	Chlorate	14866-68-3	0.027	N	U
DU-1	RISB-15	RISB-15-0.5-20141031	Chlorine Oxyanions	Chlorate	14866-68-3	0.0265	N	U
DU-1	RIT-3-04	RIT-3-04-20141113	Chlorine Oxyanions	Chlorate	14866-68-3	0.026	N	U
DU-1	RIT-3-02	RIT-3-02-20141113	Chlorine Oxyanions	Chlorate	14866-68-3	0.026	N	U
DU-1	RISB-41	RISB-41-0.5-20141121	Chlorine Oxyanions	Chlorate	14866-68-3	0.026	N	U
DU-1	RISB-41	RISB-41-0.5-20141121-FD	Chlorine Oxyanions	Chlorate	14866-68-3	0.026	N	U
DU-1	RISB-33	RISB-33-0.5-20141119	Chlorine Oxyanions	Chlorate	14866-68-3	0.026	N	U
DU-1	SA-74	SA74-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.0225	N	
DU-1	RSAN4	RSAN4-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.0225	N	
DU-1	SA-179	SA179-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.0225	N	
DU-1	SA-157	SA157009-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.022	N	
DU-1	SA-157	SA157-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.022	N	
DU-3	SA-197	SA197-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.022	N	
DU-1	SA-73	SA73-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.022	N	
DU-1	RSAO7	RSAO7-9B	Chlorine Oxyanions	Chlorate	14866-68-3	0.022	N	
DU-1	SA-69	SA69-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.022	N	
DU-1	RSAN3	RSAN3-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.022	N	
DU-1	SA-74	SA74009-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.022	N	
DU-1	RSAL6	RSAL6-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.0215	N	
DU-1	SA-173	SA173009-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.0215	N	UJ
DU-1	SA-35	SA35-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.0215	N	
DU-1	SA-75	SA75-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.0215	N	
DU-2	SA-116	SA116-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.0215	N	
DU-1	RSAL7	RSAL7-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.021	N	
DU-1	RSAO3	RSAO3-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.021	N	
DU-1	RSAO2	RSAO2-0.5B	Chlorine Oxyanions	Chlorate	14866-68-3	0.0122	N	
DU-1	SA-72	SA72-0.5B	General Chemistry	Ammonia	7664-41-7	162	Y	J+
DU-3	SA-15	SA15-10D	General Chemistry	Ammonia	7664-41-7	71	Y	J
DU-3	SA-65	SA65-10B	General Chemistry	Ammonia	7664-41-7	60	Y	
DU-1	RISB-01	RISB-1-0.5-20181218	General Chemistry	Ammonia	7664-41-7	42	Y	
DU-1	RIT-2-04	RIT-2-04-20141113	General Chemistry	Ammonia	7664-41-7	39	Y	
DU-1	RISB-05	RISB-5-0.5-20181218	General Chemistry	Ammonia	7664-41-7	16	Y	
DU-1	RISB-04	RISB-4-0.5-20181218	General Chemistry	Ammonia	7664-41-7	16	Y	
DU-1	RISB-05	RISB-5-0.5-20181218-FD	General Chemistry	Ammonia	7664-41-7	15	Y	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	RIT-3-03	RIT-3-03-20141113-FD	General Chemistry	Ammonia	7664-41-7	8.9	Y	J
DU-1	RIT-2-05	RIT-2-05-20141113	General Chemistry	Ammonia	7664-41-7	6.5	Y	J
DU-1	RISB-03	RISB-3-0.5-20181218	General Chemistry	Ammonia	7664-41-7	6.3	Y	J
DU-1	RISB-02	RISB-2-0.5-20181218	General Chemistry	Ammonia	7664-41-7	5.9	Y	J
DU-1	RIT-3-05	RIT-3-05-20141113	General Chemistry	Ammonia	7664-41-7	5	Y	J
DU-1	RIT-3-04	RIT-3-04-20141113	General Chemistry	Ammonia	7664-41-7	4.1	Y	J
DU-1	RIT-3-03	RIT-3-03-20141113	General Chemistry	Ammonia	7664-41-7	3.8	Y	J
DU-1	RIT-1-05	RIT-1-05-20141112	General Chemistry	Ammonia	7664-41-7	3.6	Y	J
DU-1	SA-11	SA11-0.5D	General Chemistry	Ammonia	7664-41-7	3.5	N	UJ
DU-1	SA-12	SA12-0.5	General Chemistry	Ammonia	7664-41-7	3.4	N	UJ
DU-1	SA-18	SA18-0.5	General Chemistry	Ammonia	7664-41-7	3.3	N	UJ
DU-1	SA-11	SA11-0.5	General Chemistry	Ammonia	7664-41-7	3.3	N	UJ
DU-1	SA-62	SA62-0.5B	General Chemistry	Ammonia	7664-41-7	3.2	Y	
DU-3	SA-16	SA16-0.5	General Chemistry	Ammonia	7664-41-7	3.2	N	UJ
DU-1	SA-18	SA18-0.5D	General Chemistry	Ammonia	7664-41-7	3.2	N	UJ
DU-1	SA-21	SA21-0.5	General Chemistry	Ammonia	7664-41-7	3.2	N	UJ
DU-1	RIT-3-02	RIT-3-02-20141113	General Chemistry	Ammonia	7664-41-7	2.9	Y	J
DU-1	RIT-1-02	RIT-1-02-20141111	General Chemistry	Ammonia	7664-41-7	2.8	Y	J
DU-1	RISB-10	RISB-10-0.5-20141215	General Chemistry	Ammonia	7664-41-7	2.8	Y	J
DU-1	RIT-1-01	RIT-1-01-20141111	General Chemistry	Ammonia	7664-41-7	2.8	Y	J
DU-1	RISB-47	RISB-47-0.5-20141120	General Chemistry	Ammonia	7664-41-7	2.8	Y	J
DU-1	RIT-1-04	RIT-1-04-20141112	General Chemistry	Ammonia	7664-41-7	2.7	Y	J
DU-1	RIT-3-01	RIT-3-01-20141113	General Chemistry	Ammonia	7664-41-7	2.6	Y	J
DU-1	RIT-1-03	RIT-1-03-20141112	General Chemistry	Ammonia	7664-41-7	2.6	Y	J
DU-2	SA-146	SA146-0.5B	General Chemistry	Ammonia	7664-41-7	1.3	Y	J+
DU-1	RISB-13	RISB-13-0.5-20141217	General Chemistry	Ammonia	7664-41-7	1.3	N	U
DU-1	RIT-2-01	RIT-2-01-20141112	General Chemistry	Ammonia	7664-41-7	1.3	N	U
DU-1	SA-145	SA145-0.5B	General Chemistry	Ammonia	7664-41-7	1.3	Y	
DU-2	RSAU5	RSAU5-0.5B	General Chemistry	Ammonia	7664-41-7	1.3	Y	J+
DU-1	RISB-12	RISB-12-0.5-20141215	General Chemistry	Ammonia	7664-41-7	1.25	N	U
DU-1	RISB-09	RISB-09-0.5-20141211	General Chemistry	Ammonia	7664-41-7	1.25	N	U
DU-1	M-162D	M-162D-0.5-20141209	General Chemistry	Ammonia	7664-41-7	1.25	N	U
DU-1	M-161D	M-161D-0.5-20141203	General Chemistry	Ammonia	7664-41-7	1.25	N	U
DU-1	RIT-2-02	RIT-2-02-20141112	General Chemistry	Ammonia	7664-41-7	1.25	N	U
DU-1	RISB-48	RISB-48-0.5-20141120	General Chemistry	Ammonia	7664-41-7	1.25	N	U
DU-1	RIT-2-03	RIT-2-03-20141112-FD	General Chemistry	Ammonia	7664-41-7	1.25	N	U
DU-1	RIT-2-03	RIT-2-03-20141112	General Chemistry	Ammonia	7664-41-7	1.25	N	U
DU-1	RISB-41	RISB-41-0.5-20141121	General Chemistry	Ammonia	7664-41-7	1.25	N	U
DU-1	RISB-14	RISB-14-0.5-20141216	General Chemistry	Ammonia	7664-41-7	1.25	N	U
DU-1	RISB-11	RISB-11-0.5-20141217	General Chemistry	Ammonia	7664-41-7	1.25	N	U
DU-1	RISB-41	RISB-41-0.5-20141121-FD	General Chemistry	Ammonia	7664-41-7	1.25	N	U
DU-1	RISB-40	RISB-40-0.5-20141121	General Chemistry	Ammonia	7664-41-7	1.25	N	U
DU-1	RISB-39	RISB-39-0.5-20141121	General Chemistry	Ammonia	7664-41-7	1.25	N	U
DU-1	RSAJ5	RSAJ5-0.5B	General Chemistry	Ammonia	7664-41-7	0.72	Y	J+
DU-1	RSAO5	RSAO5-0.5B	General Chemistry	Ammonia	7664-41-7	0.64	Y	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	SA-20	SA20-0.5D	General Chemistry	Ammonia	7664-41-7	0.41	N	UJ
DU-1	SA-20	SA20-0.5	General Chemistry	Ammonia	7664-41-7	0.37	N	UJ
DU-1	SA-19	SA19-0.5	General Chemistry	Ammonia	7664-41-7	0.37	N	UJ
DU-2	SA-7	SA7-0.5	General Chemistry	Ammonia	7664-41-7	0.35	N	UJ
DU-2	SA-2	SA2-0.5	General Chemistry	Ammonia	7664-41-7	0.35	N	U
DU-1	SA-186	SA186-0.5B	General Chemistry	Ammonia	7664-41-7	0.32	Y	J
DU-1	RSAO8	RSAO8-11.5B	General Chemistry	Ammonia	7664-41-7	0.22	Y	J
DU-1	SA-180	SA180-0.5BD	General Chemistry	Ammonia	7664-41-7	0.21	N	
DU-1	SA-180	SA180-0.5B	General Chemistry	Ammonia	7664-41-7	0.21	N	
DU-1	SA-67	SA67-0.5B	General Chemistry	Ammonia	7664-41-7	0.21	N	
DU-1	RSAO2	RSAO2-0.5B	General Chemistry	Ammonia	7664-41-7	0.21	N	
DU-1	SA-87	SA87-0.5B	General Chemistry	Ammonia	7664-41-7	0.21	N	
DU-1	RSAI7	RSAI7-0.5B	General Chemistry	Ammonia	7664-41-7	0.21	N	
DU-1	SA-158	SA158-0.5B	General Chemistry	Ammonia	7664-41-7	0.19	Y	J
DU-2	RSAU4	RSAU4-0.5B	General Chemistry	Ammonia	7664-41-7	0.15	Y	J
DU-2	RSAT6	RSAT6-0.5B	General Chemistry	Ammonia	7664-41-7	0.061	N	
DU-2	RSAS3	RSAS3009-0.5B	General Chemistry	Ammonia	7664-41-7	0.061	N	
DU-2	SA-31	SA31-0.5B	General Chemistry	Ammonia	7664-41-7	0.061	N	
DU-2	SA-116	SA116-0.5B	General Chemistry	Ammonia	7664-41-7	0.061	N	
DU-2	RSAS3	RSAS3-0.5B	General Chemistry	Ammonia	7664-41-7	0.061	N	
DU-1	SA-157	SA157009-0.5B	General Chemistry	Ammonia	7664-41-7	0.061	N	
DU-1	SA-157	SA157-0.5B	General Chemistry	Ammonia	7664-41-7	0.061	N	
DU-3	SA-128	SA128-10B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-2	SA-121	SA121-0.5B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-2	SA-28	SA28-0.5B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-2	SA-147	SA147-0.5B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-1	RSAO7	RSAO7-9B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-2	RSAQ6	RSAQ6-0.5B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-1	RSAI5	RSAI5-0.5B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-2	SA-121	SA121009-0.5B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-1	SA-141	SA141009-14B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-1	SA-179	SA179-0.5B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-1	SA-74	SA74-0.5B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-2	SA-138	SA138-0.5B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-2	RSAP7	RSAP7-0.5B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-1	SA-141	SA141-14B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-1	RSAI4	RSAI4-0.5B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-1	SA-74	SA74009-0.5B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-2	SA-103	SA103-0.5B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-2	RSAQ7	RSAQ7-0.5B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-2	SA-212	SA212-0.5B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-1	SA-151	SA151-0.5B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-1	SA-171	SA171-5B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-1	RSAL5	RSAL5-0.5B	General Chemistry	Ammonia	7664-41-7	0.049	N	
DU-1	RSAO3	RSAO3-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	SA-50	SA50-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	SA-189	SA189-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	SA-69	SA69-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	RSAN3	RSAN3-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	RSAO6	RSAO6-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	RSAL7	RSAL7-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	RSAM2	RSAM2-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	RSAK6	RSAK6-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	RSAL4	RSAL4-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	SA-92	SA92-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	RSAN5	RSAN5-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	SA-173	SA173009-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	SA-85	SA85-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	RSAM7	RSAM7-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	RSAN4	RSAN4-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	SA-152	SA152009-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	SA-35	SA35-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	RSAL4	RSAL4009-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	SA-176	SA176-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-3	SA-64	SA64-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	SA-152	SA152-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	SA-75	SA75-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	RSAM8	RSAM8-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	RSAK4	RSAK4-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	RSAK4	RSAK4009-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	RSAM4	RSAM4-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	RSAM6	RSAM6-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	SA-55	SA55-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	SA-71	SA71-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	SA-173	SA173-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-3	SA-197	SA197-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	SA-185	SA185-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	RSAL8	RSAL8-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	SA-166	SA166-0.5B	General Chemistry	Ammonia	7664-41-7	0.030	N	
DU-1	SA-11	SA11-0.5D	General Chemistry	Bromide	24959-67-9	14.2	N	U
DU-1	SA-18	SA18-0.5	General Chemistry	Bromide	24959-67-9	13.65	N	U
DU-1	RIT-2-03	RIT-2-03-20141112-FD	General Chemistry	Bromide	24959-67-9	4.7	Y	J
DU-1	RISB-10	RISB-10-0.5-20141215	General Chemistry	Bromide	24959-67-9	4.6	Y	J
DU-1	RIT-2-01	RIT-2-01-20141112	General Chemistry	Bromide	24959-67-9	1.95	N	U
DU-1	RISB-01	RISB-1-0.5-20181218	General Chemistry	Bromide	24959-67-9	1.9	N	U
DU-1	RIT-1-01	RIT-1-01-20141111	General Chemistry	Bromide	24959-67-9	1.9	N	U
DU-1	RIT-3-01	RIT-3-01-20141113	General Chemistry	Bromide	24959-67-9	1.9	N	U
DU-1	RISB-11	RISB-11-0.5-20141217	General Chemistry	Bromide	24959-67-9	1.9	N	U
DU-1	RISB-41	RISB-41-0.5-20141121	General Chemistry	Bromide	24959-67-9	1.85	N	U
DU-1	RIT-2-04	RIT-2-04-20141113	General Chemistry	Bromide	24959-67-9	1.85	N	U

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	RIT-1-03	RIT-1-03-20141112	General Chemistry	Bromide	24959-67-9	1.85	N	U
DU-1	RIT-3-04	RIT-3-04-20141113	General Chemistry	Bromide	24959-67-9	1.85	N	U
DU-1	RIT-2-02	RIT-2-02-20141112	General Chemistry	Bromide	24959-67-9	1.85	N	U
DU-1	RISB-13	RISB-13-0.5-20141217	General Chemistry	Bromide	24959-67-9	1.85	N	U
DU-1	RISB-14	RISB-14-0.5-20141216	General Chemistry	Bromide	24959-67-9	1.85	N	U
DU-1	RIT-3-03	RIT-3-03-20141113	General Chemistry	Bromide	24959-67-9	1.85	N	U
DU-1	RISB-39	RISB-39-0.5-20141121	General Chemistry	Bromide	24959-67-9	1.85	N	U
DU-1	RIT-1-04	RIT-1-04-20141112	General Chemistry	Bromide	24959-67-9	1.85	N	U
DU-1	RIT-1-02	RIT-1-02-20141111	General Chemistry	Bromide	24959-67-9	1.85	N	U
DU-1	RIT-3-02	RIT-3-02-20141113	General Chemistry	Bromide	24959-67-9	1.85	N	U
DU-1	RISB-04	RISB-4-0.5-20181218	General Chemistry	Bromide	24959-67-9	1.85	N	U
DU-1	RISB-05	RISB-5-0.5-20181218	General Chemistry	Bromide	24959-67-9	1.8	N	U
DU-1	RIT-2-05	RIT-2-05-20141113	General Chemistry	Bromide	24959-67-9	1.8	N	U
DU-1	RISB-41	RISB-41-0.5-20141121-FD	General Chemistry	Bromide	24959-67-9	1.8	N	U
DU-1	RISB-12	RISB-12-0.5-20141215	General Chemistry	Bromide	24959-67-9	1.8	N	U
DU-1	RIT-3-03	RIT-3-03-20141113-FD	General Chemistry	Bromide	24959-67-9	1.8	N	U
DU-1	RISB-02	RISB-2-0.5-20181218	General Chemistry	Bromide	24959-67-9	1.8	N	U
DU-1	RISB-05	RISB-5-0.5-20181218-FD	General Chemistry	Bromide	24959-67-9	1.8	N	U
DU-1	M-161D	M-161D-0.5-20141203	General Chemistry	Bromide	24959-67-9	1.8	N	U
DU-1	RISB-03	RISB-3-0.5-20181218	General Chemistry	Bromide	24959-67-9	1.8	N	U
DU-1	RIT-3-05	RIT-3-05-20141113	General Chemistry	Bromide	24959-67-9	1.8	N	U
DU-1	RISB-40	RISB-40-0.5-20141121	General Chemistry	Bromide	24959-67-9	1.8	N	U
DU-1	RISB-47	RISB-47-0.5-20141120	General Chemistry	Bromide	24959-67-9	1.8	N	U
DU-1	M-162D	M-162D-0.5-20141209	General Chemistry	Bromide	24959-67-9	1.8	N	U
DU-1	RISB-48	RISB-48-0.5-20141120	General Chemistry	Bromide	24959-67-9	1.8	N	U
DU-1	RISB-09	RISB-09-0.5-20141211	General Chemistry	Bromide	24959-67-9	1.8	N	U
DU-1	RIT-2-03	RIT-2-03-20141112	General Chemistry	Bromide	24959-67-9	1.8	N	U
DU-1	SA-18	SA18-0.5D	General Chemistry	Bromide	24959-67-9	1.8	Y	J
DU-1	RIT-1-05	RIT-1-05-20141112	General Chemistry	Bromide	24959-67-9	1.75	N	U
DU-1	SA-12	SA12-0.5	General Chemistry	Bromide	24959-67-9	1.4	N	U
DU-3	SA-16	SA16-0.5	General Chemistry	Bromide	24959-67-9	1.35	N	U
DU-1	SA-11	SA11-0.5	General Chemistry	Bromide	24959-67-9	1.35	N	U
DU-1	RSAO8	RSAO8-11.5B	General Chemistry	Bromide	24959-67-9	1.3	Y	
DU-1	SA-21	SA21-0.5	General Chemistry	Bromide	24959-67-9	1.3	N	U
DU-2	SA-7	SA7-0.5	General Chemistry	Bromide	24959-67-9	1.1	Y	J
DU-1	RSAJ5	RSAJ5-0.5B	General Chemistry	Bromide	24959-67-9	1	N	
DU-1	RSAM2	RSAM2-0.5B	General Chemistry	Bromide	24959-67-9	1	N	
DU-2	SA-28	SA28-0.5B	General Chemistry	Bromide	24959-67-9	1	Y	J
DU-1	RSAO5	RSAO5-0.5B	General Chemistry	Bromide	24959-67-9	0.9	Y	J
DU-1	SA-50	SA50-0.5B	General Chemistry	Bromide	24959-67-9	0.7	Y	J+
DU-1	RSAI4	RSAI4-0.5B	General Chemistry	Bromide	24959-67-9	0.7	Y	J
DU-1	SA-71	SA71-0.5B	General Chemistry	Bromide	24959-67-9	0.6	Y	J
DU-1	SA-176	SA176-0.5B	General Chemistry	Bromide	24959-67-9	0.6	Y	J
DU-1	SA-92	SA92-0.5B	General Chemistry	Bromide	24959-67-9	0.4	Y	J
DU-2	SA-146	SA146-0.5B	General Chemistry	Bromide	24959-67-9	0.35	N	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-3	SA-65	SA65-10B	General Chemistry	Bromide	24959-67-9	0.35	N	
DU-1	SA-20	SA20-0.5D	General Chemistry	Bromide	24959-67-9	0.31	N	UJ
DU-3	SA-15	SA15-10	General Chemistry	Bromide	24959-67-9	0.295	N	U
DU-1	SA-20	SA20-0.5	General Chemistry	Bromide	24959-67-9	0.28	N	UJ
DU-1	SA-19	SA19-0.5	General Chemistry	Bromide	24959-67-9	0.275	N	UJ
DU-3	SA-15	SA15-10D	General Chemistry	Bromide	24959-67-9	0.275	N	U
DU-2	SA-2	SA2-0.5	General Chemistry	Bromide	24959-67-9	0.265	N	U
DU-1	SA-145	SA145-0.5B	General Chemistry	Bromide	24959-67-9	0.2	Y	J
DU-1	SA-87	SA87-0.5B	General Chemistry	Bromide	24959-67-9	0.1925	N	
DU-1	SA-67	SA67-0.5B	General Chemistry	Bromide	24959-67-9	0.1925	N	
DU-1	SA-180	SA180-0.5B	General Chemistry	Bromide	24959-67-9	0.1925	N	
DU-1	RSAO2	RSAO2-0.5B	General Chemistry	Bromide	24959-67-9	0.1925	N	
DU-1	SA-180	SA180-0.5BD	General Chemistry	Bromide	24959-67-9	0.1925	N	
DU-1	SA-85	SA85-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-3	SA-64	SA64-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-2	RSAS3	RSAS3009-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-2	SA-103	SA103-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-157	SA157009-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	RSAK6	RSAK6-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	RSAN4	RSAN4-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	RSAM8	RSAM8-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-179	SA179-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	RSAK4	RSAK4-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-2	RSAQ6	RSAQ6-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-157	SA157-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-186	SA186-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-141	SA141-14B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-158	SA158-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-62	SA62-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-73	SA73-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-152	SA152009-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-141	SA141009-14B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-75	SA75-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-72	SA72-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-2	RSAP7	RSAP7-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-166	SA166-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-152	SA152-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	RSAM7	RSAM7-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-69	SA69-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-173	SA173009-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	RSAI5	RSAI5-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-173	SA173-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	RSAO6	RSAO6-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-3	SA-128	SA128-10B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-2	RSAQ7	RSAQ7-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	SA-189	SA189-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-2	RSAT6	RSAT6-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-2	SA-121	SA121-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	RSAL5	RSAL5-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-2	RSAU5	RSAU5-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	RSAL4	RSAL4-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	RSAL7	RSAL7-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-151	SA151-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	RSAO7	RSAO7-9B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-2	SA-147	SA147-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	RSAO3	RSAO3-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	RSAN3	RSAN3-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-2	SA-121	SA121009-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-2	RSAU4	RSAU4-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-2	SA-212	SA212-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-2	SA-138	SA138-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	RSAM6	RSAM6-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-55	SA55-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-74	SA74009-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-2	RSAS3	RSAS3-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	RSAN5	RSAN5-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	RSAL4	RSAL4009-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	RSAL8	RSAL8-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-35	SA35-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-171	SA171-5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-3	SA-197	SA197-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	RSAK4	RSAK4009-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	RSAL6	RSAL6-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-2	SA-31	SA31-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-2	SA-116	SA116-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-185	SA185-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	RSAM4	RSAM4-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-1	SA-74	SA74-0.5B	General Chemistry	Bromide	24959-67-9	0.1	N	
DU-2	TSB-GJ-04	TSB-GJ-04-0	General Chemistry	Bromide	24959-67-9	0.034	N	UJ
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	General Chemistry	Bromide	24959-67-9	0.033	N	UJ
DU-2	TSB-GR-02	TSB-GR-02-0-FD	General Chemistry	Bromide	24959-67-9	0.033	N	UJ
DU-2	TSB-GJ-05	TSB-GJ-05-0	General Chemistry	Bromide	24959-67-9	0.0325	N	UJ
DU-3	TSB-GJ-02	TSB-GJ-02-0	General Chemistry	Bromide	24959-67-9	0.0325	N	UJ
DU-2	TSB-GR-02	TSB-GR-02-0	General Chemistry	Bromide	24959-67-9	0.032	N	UJ
DU-2	TSB-GJ-03	TSB-GJ-03-0	General Chemistry	Bromide	24959-67-9	0.0315	N	UJ
DU-3	SA-15	SA15-10	General Chemistry	Nitrate	14797-55-8	2280.7	Y	J
DU-3	SA-64	SA64-0.5B	General Chemistry	Nitrate	14797-55-8	518.1	Y	
DU-1	SA-72	SA72-0.5B	General Chemistry	Nitrate	14797-55-8	360.5	Y	J+
DU-1	SA-176	SA176-0.5B	General Chemistry	Nitrate	14797-55-8	297.6	Y	J+
DU-1	SA-19	SA19-0.5	General Chemistry	Nitrate	14797-55-8	273.7	Y	J+

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	SA-179	SA179-0.5B	General Chemistry	Nitrate	14797-55-8	273.7	Y	J+
DU-1	SA-85	SA85-0.5B	General Chemistry	Nitrate	14797-55-8	254.2	Y	J
DU-1	RISB-01	RISB-1-0.5-20181218	General Chemistry	Nitrate	14797-55-8	240	Y	
DU-1	SA-50	SA50-0.5B	General Chemistry	Nitrate	14797-55-8	229.4	Y	
DU-1	RSAO5	RSAO5-0.5B	General Chemistry	Nitrate	14797-55-8	203.7	Y	
DU-3	SA-65	SA65-10B	General Chemistry	Nitrate	14797-55-8	202.8	Y	J+
DU-3	SA-15	SA15-10D	General Chemistry	Nitrate	14797-55-8	192.2	Y	J
DU-1	RSAM6	RSAM6-0.5B	General Chemistry	Nitrate	14797-55-8	191.3	Y	
DU-2	TSB-GR-02	TSB-GR-02-0	General Chemistry	Nitrate	14797-55-8	190.9	Y	
DU-2	TSB-GJ-03	TSB-GJ-03-0	General Chemistry	Nitrate	14797-55-8	190.9	Y	
DU-1	RISB-10	RISB-10-0.5-20141215	General Chemistry	Nitrate	14797-55-8	160	Y	
DU-2	TSB-GR-02	TSB-GR-02-0-FD	General Chemistry	Nitrate	14797-55-8	159.9	Y	
DU-1	SA-186	SA186-0.5B	General Chemistry	Nitrate	14797-55-8	144.4	Y	
DU-1	SA-151	SA151-0.5B	General Chemistry	Nitrate	14797-55-8	131.5	Y	J+
DU-2	RSAS3	RSAS3-0.5B	General Chemistry	Nitrate	14797-55-8	115.6	Y	J+
DU-1	RSAI4	RSAI4-0.5B	General Chemistry	Nitrate	14797-55-8	110.3	Y	J+
DU-2	RSAS3	RSAS3009-0.5B	General Chemistry	Nitrate	14797-55-8	104.5	Y	J+
DU-1	SA-71	SA71-0.5B	General Chemistry	Nitrate	14797-55-8	84.1	Y	
DU-1	SA-92	SA92-0.5B	General Chemistry	Nitrate	14797-55-8	82.8	Y	
DU-1	SA-166	SA166-0.5B	General Chemistry	Nitrate	14797-55-8	77.1	Y	J+
DU-2	RSAT6	RSAT6-0.5B	General Chemistry	Nitrate	14797-55-8	73.1	Y	J+
DU-1	RIDB-1	RIDB-1-0.5-20170308	General Chemistry	Nitrate	14797-55-8	69	Y	
DU-2	SA-28	SA28-0.5B	General Chemistry	Nitrate	14797-55-8	68.6	Y	J+
DU-1	RISB-03	RISB-3-0.5-20181218	General Chemistry	Nitrate	14797-55-8	66	Y	
DU-1	RISB-47	RISB-47-0.5-20141120	General Chemistry	Nitrate	14797-55-8	64	Y	
DU-1	RIDB-6	RIDB-6-0.5-20170225	General Chemistry	Nitrate	14797-55-8	64	Y	J
DU-1	RISB-13	RISB-13-0.5-20141217	General Chemistry	Nitrate	14797-55-8	63	Y	
DU-1	SA-189	SA189-0.5B	General Chemistry	Nitrate	14797-55-8	62.9	Y	J+
DU-1	RSAM2	RSAM2-0.5B	General Chemistry	Nitrate	14797-55-8	62	Y	J+
DU-1	RISB-09	RISB-09-0.5-20141211	General Chemistry	Nitrate	14797-55-8	62	Y	
DU-1	RSAO8	RSAO8-11.5B	General Chemistry	Nitrate	14797-55-8	61.6	Y	J+
DU-1	M-161D	M-161D-0.5-20141203	General Chemistry	Nitrate	14797-55-8	59	Y	
DU-1	SA-171	SA171-5B	General Chemistry	Nitrate	14797-55-8	58.0	Y	J+
DU-1	RISB-12	RISB-12-0.5-20141215	General Chemistry	Nitrate	14797-55-8	52	Y	
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	General Chemistry	Nitrate	14797-55-8	52	Y	
DU-1	RISB-14	RISB-14-0.5-20141216	General Chemistry	Nitrate	14797-55-8	49	Y	
DU-1	RIT-2-03	RIT-2-03-20141112	General Chemistry	Nitrate	14797-55-8	45	Y	
DU-1	RIDB-7	RIDB-7-0.5-20170312	General Chemistry	Nitrate	14797-55-8	44	Y	
DU-1	RSAL4	RSAL4-0.5B	General Chemistry	Nitrate	14797-55-8	44.0	Y	J+
DU-1	RSAL4	RSAL4009-0.5B	General Chemistry	Nitrate	14797-55-8	43.9	Y	J+
DU-2	RSAU5	RSAU5-0.5B	General Chemistry	Nitrate	14797-55-8	43.4	Y	J+
DU-1	RISB-11	RISB-11-0.5-20141217	General Chemistry	Nitrate	14797-55-8	40	Y	
DU-2	SA-7	SA7-0.5	General Chemistry	Nitrate	14797-55-8	39.4	Y	
DU-1	RIT-2-03	RIT-2-03-20141112-FD	General Chemistry	Nitrate	14797-55-8	39	Y	
DU-1	RIT-2-01	RIT-2-01-20141112	General Chemistry	Nitrate	14797-55-8	39	Y	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	RSAM7	RSAM7-0.5B	General Chemistry	Nitrate	14797-55-8	38.7	Y	
DU-2	SA-146	SA146-0.5B	General Chemistry	Nitrate	14797-55-8	38.2	Y	J+
DU-1	RISB-05	RISB-5-0.5-20181218	General Chemistry	Nitrate	14797-55-8	34	Y	
DU-1	RSAN5	RSAN5-0.5B	General Chemistry	Nitrate	14797-55-8	33.79	Y	
DU-1	RSAJ5	RSAJ5-0.5B	General Chemistry	Nitrate	14797-55-8	33.2	Y	J+
DU-2	TSB-GJ-04	TSB-GJ-04-0	General Chemistry	Nitrate	14797-55-8	30.6	Y	
DU-2	SA-103	SA103-0.5B	General Chemistry	Nitrate	14797-55-8	30.0	Y	J+
DU-2	TSB-GJ-05	TSB-GJ-05-0	General Chemistry	Nitrate	14797-55-8	27.0	Y	
DU-1	RISB-02	RISB-2-0.5-20181218	General Chemistry	Nitrate	14797-55-8	26	Y	
DU-1	SA-18	SA18-0.5	General Chemistry	Nitrate	14797-55-8	25.2	Y	J+
DU-1	SA-141	SA141-14B	General Chemistry	Nitrate	14797-55-8	25.2	Y	J+
DU-1	RISB-05	RISB-5-0.5-20181218-FD	General Chemistry	Nitrate	14797-55-8	25	Y	
DU-1	SA-141	SA141009-14B	General Chemistry	Nitrate	14797-55-8	24.7	Y	J+
DU-2	SA-138	SA138-0.5B	General Chemistry	Nitrate	14797-55-8	24.18	Y	J+
DU-1	RIT-1-02	RIT-1-02-20141111	General Chemistry	Nitrate	14797-55-8	24	Y	
DU-1	M-162D	M-162D-0.5-20141209	General Chemistry	Nitrate	14797-55-8	24	Y	
DU-1	RSAO7	RSAO7-9B	General Chemistry	Nitrate	14797-55-8	24.0	Y	J+
DU-1	RSAK6	RSAK6-0.5B	General Chemistry	Nitrate	14797-55-8	23.3	Y	J+
DU-1	SA-145	SA145-0.5B	General Chemistry	Nitrate	14797-55-8	23.1	Y	
DU-1	RIT-3-01	RIT-3-01-20141113	General Chemistry	Nitrate	14797-55-8	23	Y	
DU-1	RIT-3-02	RIT-3-02-20141113	General Chemistry	Nitrate	14797-55-8	22	Y	
DU-1	RSAM8	RSAM8-0.5B	General Chemistry	Nitrate	14797-55-8	21.08	Y	
DU-1	RIDB-5	RIDB-5-0.5-20170311	General Chemistry	Nitrate	14797-55-8	21	Y	
DU-1	RISB-48	RISB-48-0.5-20141120	General Chemistry	Nitrate	14797-55-8	20	Y	
DU-1	RIDB-4	RIDB-4-0.5-20170306	General Chemistry	Nitrate	14797-55-8	19	Y	
DU-1	SA-158	SA158-0.5B	General Chemistry	Nitrate	14797-55-8	19.0	Y	
DU-1	RSAI5	RSAI5-0.5B	General Chemistry	Nitrate	14797-55-8	18.6	Y	J+
DU-1	SA-55	SA55-0.5B	General Chemistry	Nitrate	14797-55-8	17.5	Y	J+
DU-1	SA-18	SA18-0.5D	General Chemistry	Nitrate	14797-55-8	16.8	Y	J+
DU-1	SA-62	SA62-0.5B	General Chemistry	Nitrate	14797-55-8	16.6	Y	
DU-1	SA-11	SA11-0.5D	General Chemistry	Nitrate	14797-55-8	15.5	Y	J+
DU-2	SA-212	SA212-0.5B	General Chemistry	Nitrate	14797-55-8	15.4	Y	J+
DU-1	RSAL8	RSAL8-0.5B	General Chemistry	Nitrate	14797-55-8	15.2	Y	J+
DU-1	RSAO6	RSAO6-0.5B	General Chemistry	Nitrate	14797-55-8	15.1	Y	
DU-1	RISB-04	RISB-4-0.5-20181218	General Chemistry	Nitrate	14797-55-8	15	Y	
DU-1	RIDB-2	RIDB-2-0.5-20170309	General Chemistry	Nitrate	14797-55-8	15	Y	
DU-1	RIT-1-04	RIT-1-04-20141112	General Chemistry	Nitrate	14797-55-8	15	Y	
DU-1	RSAM4	RSAM4-0.5B	General Chemistry	Nitrate	14797-55-8	14.6	Y	J+
DU-1	SA-152	SA152009-0.5B	General Chemistry	Nitrate	14797-55-8	14.1	Y	J+
DU-1	RIT-1-05	RIT-1-05-20141112	General Chemistry	Nitrate	14797-55-8	14	Y	
DU-1	RIT-3-03	RIT-3-03-20141113-FD	General Chemistry	Nitrate	14797-55-8	13	Y	J
DU-1	RSAO3	RSAO3-0.5B	General Chemistry	Nitrate	14797-55-8	12.8	Y	J+
DU-1	SA-152	SA152-0.5B	General Chemistry	Nitrate	14797-55-8	12.6	Y	J+
DU-1	SA-185	SA185-0.5B	General Chemistry	Nitrate	14797-55-8	12.4	Y	
DU-1	RIT-2-02	RIT-2-02-20141112	General Chemistry	Nitrate	14797-55-8	12	Y	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	SA-21	SA21-0.5	General Chemistry	Nitrate	14797-55-8	11.1	Y	J+
DU-1	RIDB-3	RIDB-3-0.5-20170310	General Chemistry	Nitrate	14797-55-8	11	Y	J-
DU-1	RIT-3-04	RIT-3-04-20141113	General Chemistry	Nitrate	14797-55-8	11	Y	
DU-1	RIT-2-04	RIT-2-04-20141113	General Chemistry	Nitrate	14797-55-8	11	Y	
DU-1	RIT-2-05	RIT-2-05-20141113	General Chemistry	Nitrate	14797-55-8	11	Y	
DU-1	RSAK4	RSAK4-0.5B	General Chemistry	Nitrate	14797-55-8	10.54	Y	J+
DU-1	RSAK4	RSAK4009-0.5B	General Chemistry	Nitrate	14797-55-8	9.92	Y	J+
DU-1	RISB-40	RISB-40-0.5-20141121	General Chemistry	Nitrate	14797-55-8	9.9	Y	
DU-1	RIT-1-03	RIT-1-03-20141112	General Chemistry	Nitrate	14797-55-8	9.7	Y	
DU-1	RSAL5	RSAL5-0.5B	General Chemistry	Nitrate	14797-55-8	9.6	Y	J+
DU-1	RIT-3-05	RIT-3-05-20141113	General Chemistry	Nitrate	14797-55-8	9.2	Y	
DU-2	RSAP7	RSAP7-0.5B	General Chemistry	Nitrate	14797-55-8	8.8	Y	J+
DU-1	RISB-41	RISB-41-0.5-20141121	General Chemistry	Nitrate	14797-55-8	8.5	Y	
DU-2	SA-121	SA121009-0.5B	General Chemistry	Nitrate	14797-55-8	8.5	Y	J+
DU-2	SA-121	SA121-0.5B	General Chemistry	Nitrate	14797-55-8	8.4	Y	J+
DU-1	RISB-39	RISB-39-0.5-20141121	General Chemistry	Nitrate	14797-55-8	8.1	Y	
DU-1	RISB-41	RISB-41-0.5-20141121-FD	General Chemistry	Nitrate	14797-55-8	8	Y	
DU-2	RSAQ7	RSAQ7-0.5B	General Chemistry	Nitrate	14797-55-8	7.9	Y	J+
DU-3	TSB-GJ-02	TSB-GJ-02-0	General Chemistry	Nitrate	14797-55-8	7.5	Y	J
DU-1	SA-74	SA74009-0.5B	General Chemistry	Nitrate	14797-55-8	7.5	Y	J+
DU-1	SA-74	SA74-0.5B	General Chemistry	Nitrate	14797-55-8	7.4	Y	J+
DU-2	RSAU4	RSAU4-0.5B	General Chemistry	Nitrate	14797-55-8	7.2	Y	J+
DU-1	RSAN3	RSAN3-0.5B	General Chemistry	Nitrate	14797-55-8	6.8	Y	J+
DU-2	SA-147	SA147-0.5B	General Chemistry	Nitrate	14797-55-8	6.6	Y	J+
DU-2	RSAQ6	RSAQ6-0.5B	General Chemistry	Nitrate	14797-55-8	6.4	Y	J+
DU-1	RIT-1-01	RIT-1-01-20141111	General Chemistry	Nitrate	14797-55-8	6.3	Y	
DU-1	SA-69	SA69-0.5B	General Chemistry	Nitrate	14797-55-8	6.3	Y	J+
DU-1	RIT-3-03	RIT-3-03-20141113	General Chemistry	Nitrate	14797-55-8	6.1	Y	J
DU-1	RSAN4	RSAN4-0.5B	General Chemistry	Nitrate	14797-55-8	6.1	Y	J+
DU-3	SA-197	SA197-0.5B	General Chemistry	Nitrate	14797-55-8	5.8	Y	
DU-1	SA-75	SA75-0.5B	General Chemistry	Nitrate	14797-55-8	5.8	Y	J+
DU-1	RSAL7	RSAL7-0.5B	General Chemistry	Nitrate	14797-55-8	5.58	Y	J+
DU-1	RSAL6	RSAL6-0.5B	General Chemistry	Nitrate	14797-55-8	5.5	Y	J
DU-2	SA-31	SA31-0.5B	General Chemistry	Nitrate	14797-55-8	5.4	Y	J+
DU-1	SA-11	SA11-0.5	General Chemistry	Nitrate	14797-55-8	4.9	Y	J+
DU-1	SA-73	SA73-0.5B	General Chemistry	Nitrate	14797-55-8	4.9	Y	J
DU-1	SA-157	SA157009-0.5B	General Chemistry	Nitrate	14797-55-8	4.8	Y	J+
DU-2	SA-116	SA116-0.5B	General Chemistry	Nitrate	14797-55-8	4.7	Y	J+
DU-1	SA-173	SA173-0.5B	General Chemistry	Nitrate	14797-55-8	4.7	Y	J+
DU-1	SA-157	SA157-0.5B	General Chemistry	Nitrate	14797-55-8	4.7	Y	J+
DU-3	SA-128	SA128-10B	General Chemistry	Nitrate	14797-55-8	3.9	Y	J+
DU-1	SA-12	SA12-0.5	General Chemistry	Nitrate	14797-55-8	3.8	Y	J+
DU-1	SA-35	SA35-0.5B	General Chemistry	Nitrate	14797-55-8	3.6	Y	J+
DU-1	SA-173	SA173009-0.5B	General Chemistry	Nitrate	14797-55-8	3.4	Y	J+
DU-1	SA-20	SA20-0.5	General Chemistry	Nitrate	14797-55-8	2.3	Y	J+

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	General Chemistry	Nitrate	14797-55-8	2.3	Y	J
DU-3	SA-16	SA16-0.5	General Chemistry	Nitrate	14797-55-8	1.3	Y	J+
DU-2	SA-2	SA2-0.5	General Chemistry	Nitrate	14797-55-8	0.80	Y	J
DU-1	SA-180	SA180-0.5B	General Chemistry	Nitrate	14797-55-8	0.79	N	
DU-1	SA-180	SA180-0.5BD	General Chemistry	Nitrate	14797-55-8	0.79	N	
DU-1	SA-87	SA87-0.5B	General Chemistry	Nitrate	14797-55-8	0.79	N	
DU-1	RSAO2	RSAO2-0.5B	General Chemistry	Nitrate	14797-55-8	0.79	N	
DU-1	SA-67	SA67-0.5B	General Chemistry	Nitrate	14797-55-8	0.79	N	
DU-1	RSAI7	RSAI7-0.5B	General Chemistry	Nitrate	14797-55-8	0.79	N	
DU-1	SA-20	SA20-0.5D	General Chemistry	Nitrate	14797-55-8	0.11	N	U
DU-1	RISB-01	RISB-1-0.5-20181218	General Chemistry	Nitrate/Nitrite	NO3/NO2	239.1	Y	
DU-1	RISB-10	RISB-10-0.5-20141215	General Chemistry	Nitrate/Nitrite	NO3/NO2	163.9	Y	
DU-1	RIDB-1	RIDB-1-0.5-20170308	General Chemistry	Nitrate/Nitrite	NO3/NO2	70.9	Y	
DU-1	RISB-03	RISB-3-0.5-20181218	General Chemistry	Nitrate/Nitrite	NO3/NO2	66.4	Y	
DU-1	RISB-47	RISB-47-0.5-20141120	General Chemistry	Nitrate/Nitrite	NO3/NO2	62	Y	
DU-1	RISB-09	RISB-09-0.5-20141211	General Chemistry	Nitrate/Nitrite	NO3/NO2	62	Y	
DU-1	RISB-13	RISB-13-0.5-20141217	General Chemistry	Nitrate/Nitrite	NO3/NO2	62	Y	
DU-1	RIDB-6	RIDB-6-0.5-20170225	General Chemistry	Nitrate/Nitrite	NO3/NO2	62	Y	J
DU-1	M-161D	M-161D-0.5-20141203	General Chemistry	Nitrate/Nitrite	NO3/NO2	57.6	Y	
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	General Chemistry	Nitrate/Nitrite	NO3/NO2	53.1	Y	
DU-1	RISB-12	RISB-12-0.5-20141215	General Chemistry	Nitrate/Nitrite	NO3/NO2	53.1	Y	
DU-1	RISB-14	RISB-14-0.5-20141216	General Chemistry	Nitrate/Nitrite	NO3/NO2	48.7	Y	
DU-1	RIT-2-03	RIT-2-03-20141112	General Chemistry	Nitrate/Nitrite	NO3/NO2	44.3	Y	
DU-1	RIDB-7	RIDB-7-0.5-20170312	General Chemistry	Nitrate/Nitrite	NO3/NO2	43.8	Y	
DU-1	RISB-11	RISB-11-0.5-20141217	General Chemistry	Nitrate/Nitrite	NO3/NO2	40.3	Y	
DU-1	RIT-2-05	RIT-2-05-20141113	General Chemistry	Nitrate/Nitrite	NO3/NO2	39.9	Y	J
DU-1	RIT-2-01	RIT-2-01-20141112	General Chemistry	Nitrate/Nitrite	NO3/NO2	39.4	Y	
DU-1	RIT-2-03	RIT-2-03-20141112-FD	General Chemistry	Nitrate/Nitrite	NO3/NO2	38.5	Y	
DU-1	RISB-05	RISB-5-0.5-20181218	General Chemistry	Nitrate/Nitrite	NO3/NO2	34.1	Y	
DU-1	RISB-02	RISB-2-0.5-20181218	General Chemistry	Nitrate/Nitrite	NO3/NO2	26.1	Y	
DU-1	RISB-05	RISB-5-0.5-20181218-FD	General Chemistry	Nitrate/Nitrite	NO3/NO2	24.8	Y	
DU-1	RIT-1-02	RIT-1-02-20141111	General Chemistry	Nitrate/Nitrite	NO3/NO2	23.9	Y	
DU-1	M-162D	M-162D-0.5-20141209	General Chemistry	Nitrate/Nitrite	NO3/NO2	23.9	Y	
DU-1	RIT-3-01	RIT-3-01-20141113	General Chemistry	Nitrate/Nitrite	NO3/NO2	22.6	Y	
DU-1	RIT-3-02	RIT-3-02-20141113	General Chemistry	Nitrate/Nitrite	NO3/NO2	21.7	Y	
DU-1	RIDB-5	RIDB-5-0.5-20170311	General Chemistry	Nitrate/Nitrite	NO3/NO2	20.8	Y	
DU-1	RISB-48	RISB-48-0.5-20141120	General Chemistry	Nitrate/Nitrite	NO3/NO2	20.4	Y	
DU-1	RIDB-4	RIDB-4-0.5-20170306	General Chemistry	Nitrate/Nitrite	NO3/NO2	19.0	Y	
DU-1	RIT-3-05	RIT-3-05-20141113	General Chemistry	Nitrate/Nitrite	NO3/NO2	15.5	Y	
DU-1	RIT-1-04	RIT-1-04-20141112	General Chemistry	Nitrate/Nitrite	NO3/NO2	15.5	Y	
DU-1	RISB-04	RISB-4-0.5-20181218	General Chemistry	Nitrate/Nitrite	NO3/NO2	14.6	Y	
DU-1	RIDB-2	RIDB-2-0.5-20170309	General Chemistry	Nitrate/Nitrite	NO3/NO2	14.6	Y	
DU-1	RIT-1-05	RIT-1-05-20141112	General Chemistry	Nitrate/Nitrite	NO3/NO2	13.7	Y	
DU-1	RIT-3-03	RIT-3-03-20141113-FD	General Chemistry	Nitrate/Nitrite	NO3/NO2	13.3	Y	
DU-1	RIT-2-02	RIT-2-02-20141112	General Chemistry	Nitrate/Nitrite	NO3/NO2	11.5	Y	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	RIT-2-04	RIT-2-04-20141113	General Chemistry	Nitrate/Nitrite	NO3/NO2	11.1	Y	
DU-1	RIT-3-04	RIT-3-04-20141113	General Chemistry	Nitrate/Nitrite	NO3/NO2	11.1	Y	
DU-1	RIDB-3	RIDB-3-0.5-20170310	General Chemistry	Nitrate/Nitrite	NO3/NO2	11.1	Y	J-
DU-1	RISB-40	RISB-40-0.5-20141121	General Chemistry	Nitrate/Nitrite	NO3/NO2	9.74	Y	
DU-1	RIT-1-03	RIT-1-03-20141112	General Chemistry	Nitrate/Nitrite	NO3/NO2	9.74	Y	
DU-1	RISB-41	RISB-41-0.5-20141121	General Chemistry	Nitrate/Nitrite	NO3/NO2	8.41	Y	
DU-1	RISB-41	RISB-41-0.5-20141121-FD	General Chemistry	Nitrate/Nitrite	NO3/NO2	7.97	Y	
DU-1	RISB-39	RISB-39-0.5-20141121	General Chemistry	Nitrate/Nitrite	NO3/NO2	7.97	Y	
DU-1	RIT-3-03	RIT-3-03-20141113	General Chemistry	Nitrate/Nitrite	NO3/NO2	6.2	Y	J
DU-1	RIT-1-01	RIT-1-01-20141111	General Chemistry	Nitrate/Nitrite	NO3/NO2	6.2	Y	J
DU-3	SA-15	SA15-10D	General Chemistry	Nitrite	14797-65-0	7.1	Y	
DU-1	SA-18	SA18-0.5	General Chemistry	Nitrite	14797-65-0	5.45	N	U
DU-3	SA-15	SA15-10	General Chemistry	Nitrite	14797-65-0	5.3	Y	J-
DU-1	RIT-3-05	RIT-3-05-20141113	General Chemistry	Nitrite	14797-65-0	4.6	Y	J
DU-1	SA-186	SA186-0.5B	General Chemistry	Nitrite	14797-65-0	4.22	Y	
DU-1	SA-72	SA72-0.5B	General Chemistry	Nitrite	14797-65-0	3.51	Y	
DU-1	SA-62	SA62-0.5B	General Chemistry	Nitrite	14797-65-0	2.45	Y	
DU-3	SA-65	SA65-10B	General Chemistry	Nitrite	14797-65-0	2.29	Y	
DU-1	SA-11	SA11-0.5	General Chemistry	Nitrite	14797-65-0	2	Y	J
DU-1	RIT-2-02	RIT-2-02-20141112	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RISB-13	RISB-13-0.5-20141217	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RIT-1-01	RIT-1-01-20141111	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RISB-14	RISB-14-0.5-20141216	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RIDB-7	RIDB-7-0.5-20170312	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RIT-1-02	RIT-1-02-20141111	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RIT-3-04	RIT-3-04-20141113	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RIDB-4	RIDB-4-0.5-20170306	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RIT-1-04	RIT-1-04-20141112	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RISB-39	RISB-39-0.5-20141121	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RIT-3-03	RIT-3-03-20141113	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RIT-1-03	RIT-1-03-20141112	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RIDB-5	RIDB-5-0.5-20170311	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RIT-3-01	RIT-3-01-20141113	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RISB-41	RISB-41-0.5-20141121	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RISB-01	RISB-1-0.5-20181218	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RIDB-2	RIDB-2-0.5-20170309	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RIT-2-01	RIT-2-01-20141112	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RIDB-6	RIDB-6-0.5-20170225	General Chemistry	Nitrite	14797-65-0	1.97	N	UJ
DU-1	RISB-11	RISB-11-0.5-20141217	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RIDB-3	RIDB-3-0.5-20170310	General Chemistry	Nitrite	14797-65-0	1.97	N	U
DU-1	RIT-3-02	RIT-3-02-20141113	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	M-162D	M-162D-0.5-20141209	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	RISB-12	RISB-12-0.5-20141215	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	RISB-04	RISB-4-0.5-20181218	General Chemistry	Nitrite	14797-65-0	1.81	N	U

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	RISB-05	RISB-5-0.5-20181218	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	RIDB-1	RIDB-1-0.5-20170308	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	M-161D	M-161D-0.5-20141203	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	RIT-1-05	RIT-1-05-20141112	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	RIT-3-03	RIT-3-03-20141113-FD	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	RIT-2-03	RIT-2-03-20141112	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	RISB-48	RISB-48-0.5-20141120	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	RISB-10	RISB-10-0.5-20141215	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	RISB-47	RISB-47-0.5-20141120	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	RISB-09	RISB-09-0.5-20141211	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	RISB-40	RISB-40-0.5-20141121	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	RISB-41	RISB-41-0.5-20141121-FD	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	RISB-02	RISB-2-0.5-20181218	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	RIT-2-03	RIT-2-03-20141112-FD	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	RISB-03	RISB-3-0.5-20181218	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	RIT-2-04	RIT-2-04-20141113	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	RIT-2-05	RIT-2-05-20141113	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	RISB-05	RISB-5-0.5-20181218-FD	General Chemistry	Nitrite	14797-65-0	1.81	N	U
DU-1	SA-11	SA11-0.5D	General Chemistry	Nitrite	14797-65-0	1.15	N	U
DU-1	SA-18	SA18-0.5D	General Chemistry	Nitrite	14797-65-0	1.05	N	U
DU-1	SA-20	SA20-0.5	General Chemistry	Nitrite	14797-65-0	0.95	Y	J-
DU-1	RSAJ5	RSAJ5-0.5B	General Chemistry	Nitrite	14797-65-0	0.7	N	
DU-1	RSAM2	RSAM2-0.5B	General Chemistry	Nitrite	14797-65-0	0.65	N	
DU-1	SA-21	SA21-0.5	General Chemistry	Nitrite	14797-65-0	0.47	Y	
DU-1	SA-19	SA19-0.5	General Chemistry	Nitrite	14797-65-0	0.31	Y	J-
DU-1	SA-145	SA145-0.5B	General Chemistry	Nitrite	14797-65-0	0.24	Y	
DU-2	RSAU5	RSAU5-0.5B	General Chemistry	Nitrite	14797-65-0	0.21	Y	
DU-1	RSAO8	RSAO8-11.5B	General Chemistry	Nitrite	14797-65-0	0.16	Y	
DU-2	SA-28	SA28-0.5B	General Chemistry	Nitrite	14797-65-0	0.12	Y	
DU-1	SA-12	SA12-0.5	General Chemistry	Nitrite	14797-65-0	0.11	N	U
DU-3	SA-16	SA16-0.5	General Chemistry	Nitrite	14797-65-0	0.105	N	U
DU-1	SA-151	SA151-0.5B	General Chemistry	Nitrite	14797-65-0	0.09	Y	J
DU-2	SA-146	SA146-0.5B	General Chemistry	Nitrite	14797-65-0	0.08	Y	J
DU-2	SA-103	SA103-0.5B	General Chemistry	Nitrite	14797-65-0	0.05	N	
DU-1	RSAL5	RSAL5-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-2	SA-147	SA147-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	RSAM8	RSAM8-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	RSAN4	RSAN4-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-69	SA69-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-50	SA50-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	RSAO7	RSAO7-9B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	RSAK4	RSAK4009-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	RSAK4	RSAK4-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	RSAM4	RSAM4-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-2	SA-138	SA138-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	RSAO5	RSAO5-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	RSAO3	RSAO3-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	RSAL4	RSAL4009-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	RSAL7	RSAL7-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-3	SA-128	SA128-10B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	RSAI4	RSAI4-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	RSAI5	RSAI5-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	RSAM6	RSAM6-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-92	SA92-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	RSAL6	RSAL6-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	UJ
DU-1	SA-71	SA71-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-2	RSAT6	RSAT6-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-2	RSAS3	RSAS3-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-2	SA-121	SA121-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-2	RSAS3	RSAS3009-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-179	SA179-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-141	SA141-14B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-2	SA-121	SA121009-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	RSAK6	RSAK6-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	RSAM7	RSAM7-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	RSAN5	RSAN5-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-85	SA85-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	RSAL4	RSAL4-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	RSAO6	RSAO6-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	RSAN3	RSAN3-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-189	SA189-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-141	SA141009-14B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-2	RSAP7	RSAP7-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-2	RSAU4	RSAU4-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-2	RSAQ6	RSAQ6-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	RSAL8	RSAL8-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-3	SA-64	SA64-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-173	SA173-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-173	SA173009-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-2	SA-31	SA31-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-2	SA-212	SA212-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-74	SA74009-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-166	SA166-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-157	SA157009-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-74	SA74-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-157	SA157-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-3	SA-197	SA197-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-2	RSAQ7	RSAQ7-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-35	SA35-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-2	SA-116	SA116-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	SA-152	SA152-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-55	SA55-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-75	SA75-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-152	SA152009-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-185	SA185-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-176	SA176-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-171	SA171-5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-158	SA158-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	
DU-1	SA-73	SA73-0.5B	General Chemistry	Nitrite	14797-65-0	0.04	N	UJ
DU-1	SA-20	SA20-0.5D	General Chemistry	Nitrite	14797-65-0	0.025	N	UJ
DU-2	SA-2	SA2-0.5	General Chemistry	Nitrite	14797-65-0	0.0215	N	U
DU-1	RSAI7	RSAI7-0.5B	General Chemistry	Nitrite	14797-65-0	0.0005	N	
DU-1	SA-180	SA180-0.5B	General Chemistry	Nitrite	14797-65-0	0.0005	N	
DU-1	RSAO2	RSAO2-0.5B	General Chemistry	Nitrite	14797-65-0	0.0005	N	
DU-1	SA-67	SA67-0.5B	General Chemistry	Nitrite	14797-65-0	0.0005	N	
DU-1	SA-87	SA87-0.5B	General Chemistry	Nitrite	14797-65-0	0.0005	N	
DU-1	SA-180	SA180-0.5BD	General Chemistry	Nitrite	14797-65-0	0.0005	N	
DU-1	SA-11	SA11-0.5D	General Chemistry	ortho-Phosphate	11-36-9	997	Y	
DU-1	SA-11	SA11-0.5	General Chemistry	ortho-Phosphate	11-36-9	409	Y	
DU-1	RISB-01	RISB-1-0.5-20181218	General Chemistry	ortho-Phosphate	11-36-9	40	Y	J-
DU-3	SA-15	SA15-10D	General Chemistry	ortho-Phosphate	11-36-9	31.2	Y	
DU-2	SA-7	SA7-0.5	General Chemistry	ortho-Phosphate	11-36-9	7.2	Y	
DU-1	RISB-03	RISB-3-0.5-20181218	General Chemistry	ortho-Phosphate	11-36-9	6	Y	J-
DU-1	SA-19	SA19-0.5	General Chemistry	ortho-Phosphate	11-36-9	5.5	N	U
DU-1	SA-12	SA12-0.5	General Chemistry	ortho-Phosphate	11-36-9	2.8	N	U
DU-1	SA-18	SA18-0.5	General Chemistry	ortho-Phosphate	11-36-9	2.75	N	U
DU-3	SA-16	SA16-0.5	General Chemistry	ortho-Phosphate	11-36-9	2.65	N	U
DU-1	SA-18	SA18-0.5D	General Chemistry	ortho-Phosphate	11-36-9	2.65	N	U
DU-1	SA-21	SA21-0.5	General Chemistry	ortho-Phosphate	11-36-9	2.6	N	U
DU-1	RIT-2-01	RIT-2-01-20141112	General Chemistry	ortho-Phosphate	11-36-9	2.2	N	UJ
DU-1	RIT-3-01	RIT-3-01-20141113	General Chemistry	ortho-Phosphate	11-36-9	2.2	N	UJ
DU-1	RISB-13	RISB-13-0.5-20141217	General Chemistry	ortho-Phosphate	11-36-9	2.15	N	UJ
DU-1	RISB-11	RISB-11-0.5-20141217	General Chemistry	ortho-Phosphate	11-36-9	2.15	N	UJ
DU-1	RIT-2-02	RIT-2-02-20141112	General Chemistry	ortho-Phosphate	11-36-9	2.15	N	UJ
DU-1	RISB-39	RISB-39-0.5-20141121	General Chemistry	ortho-Phosphate	11-36-9	2.1	N	U
DU-1	RIT-3-04	RIT-3-04-20141113	General Chemistry	ortho-Phosphate	11-36-9	2.1	N	UJ
DU-1	RISB-12	RISB-12-0.5-20141215	General Chemistry	ortho-Phosphate	11-36-9	2.1	N	UJ
DU-1	M-162D	M-162D-0.5-20141209	General Chemistry	ortho-Phosphate	11-36-9	2.1	N	U
DU-1	RIT-1-04	RIT-1-04-20141112	General Chemistry	ortho-Phosphate	11-36-9	2.1	N	UJ
DU-1	RISB-41	RISB-41-0.5-20141121	General Chemistry	ortho-Phosphate	11-36-9	2.1	N	U
DU-1	RISB-48	RISB-48-0.5-20141120	General Chemistry	ortho-Phosphate	11-36-9	2.1	N	U
DU-1	RISB-14	RISB-14-0.5-20141216	General Chemistry	ortho-Phosphate	11-36-9	2.1	N	U
DU-1	RIT-2-03	RIT-2-03-20141112-FD	General Chemistry	ortho-Phosphate	11-36-9	2.05	N	UJ
DU-1	RIT-2-03	RIT-2-03-20141112	General Chemistry	ortho-Phosphate	11-36-9	2.05	N	UJ
DU-1	RISB-40	RISB-40-0.5-20141121	General Chemistry	ortho-Phosphate	11-36-9	2.05	N	U

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	RISB-09	RISB-09-0.5-20141211	General Chemistry	ortho-Phosphate	11-36-9	2.05	N	U
DU-1	M-161D	M-161D-0.5-20141203	General Chemistry	ortho-Phosphate	11-36-9	2.05	N	U
DU-1	RISB-02	RISB-2-0.5-20181218	General Chemistry	ortho-Phosphate	11-36-9	2.05	N	UJ
DU-1	RIT-3-05	RIT-3-05-20141113	General Chemistry	ortho-Phosphate	11-36-9	2.05	N	UJ
DU-1	RISB-47	RISB-47-0.5-20141120	General Chemistry	ortho-Phosphate	11-36-9	2.05	N	U
DU-1	RISB-41	RISB-41-0.5-20141121-FD	General Chemistry	ortho-Phosphate	11-36-9	2.05	N	U
DU-1	RISB-10	RISB-10-0.5-20141215	General Chemistry	ortho-Phosphate	11-36-9	2.05	N	UJ
DU-1	RIT-1-05	RIT-1-05-20141112	General Chemistry	ortho-Phosphate	11-36-9	2	N	UJ
DU-2	TSB-GJ-04	TSB-GJ-04-0	General Chemistry	ortho-Phosphate	11-36-9	0.9	N	UJ
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	General Chemistry	ortho-Phosphate	11-36-9	0.85	N	UJ
DU-2	TSB-GR-02	TSB-GR-02-0-FD	General Chemistry	ortho-Phosphate	11-36-9	0.85	N	UJ
DU-3	TSB-GJ-02	TSB-GJ-02-0	General Chemistry	ortho-Phosphate	11-36-9	0.85	N	UJ
DU-2	TSB-GR-02	TSB-GR-02-0	General Chemistry	ortho-Phosphate	11-36-9	0.85	N	UJ
DU-2	TSB-GJ-05	TSB-GJ-05-0	General Chemistry	ortho-Phosphate	11-36-9	0.85	N	UJ
DU-2	TSB-GJ-03	TSB-GJ-03-0	General Chemistry	ortho-Phosphate	11-36-9	0.8	N	UJ
DU-3	SA-15	SA15-10	General Chemistry	ortho-Phosphate	11-36-9	0.6	N	U
DU-1	SA-20	SA20-0.5D	General Chemistry	ortho-Phosphate	11-36-9	0.6	N	U
DU-2	SA-2	SA2-0.5	General Chemistry	ortho-Phosphate	11-36-9	0.55	N	U
DU-1	SA-20	SA20-0.5	General Chemistry	ortho-Phosphate	11-36-9	0.55	N	UJ
DU-2	SA-28	SA28-0.5B	General Chemistry	Sulfate	14808-79-8	19500	Y	
DU-2	RSAU5	RSAU5-0.5B	General Chemistry	Sulfate	14808-79-8	17900	Y	
DU-2	SA-146	SA146-0.5B	General Chemistry	Sulfate	14808-79-8	16900	Y	
DU-1	SA-145	SA145-0.5B	General Chemistry	Sulfate	14808-79-8	12100	Y	
DU-1	RSAO8	RSAO8-11.5B	General Chemistry	Sulfate	14808-79-8	11200	Y	
DU-1	RIT-3-03	RIT-3-03-20141113	General Chemistry	Sulfate	14808-79-8	11000	Y	
DU-1	RIT-3-03	RIT-3-03-20141113-FD	General Chemistry	Sulfate	14808-79-8	10000	Y	
DU-2	SA-116	SA116-0.5B	General Chemistry	Sulfate	14808-79-8	9510	Y	J+
DU-1	RIT-2-04	RIT-2-04-20141113	General Chemistry	Sulfate	14808-79-8	7900	Y	
DU-1	SA-62	SA62-0.5B	General Chemistry	Sulfate	14808-79-8	7570	Y	
DU-1	RSAO5	RSAO5-0.5B	General Chemistry	Sulfate	14808-79-8	3970	Y	
DU-1	SA-176	SA176-0.5B	General Chemistry	Sulfate	14808-79-8	3340	Y	
DU-1	RIT-1-04	RIT-1-04-20141112	General Chemistry	Sulfate	14808-79-8	2900	Y	
DU-1	RISB-14	RISB-14-0.5-20141216	General Chemistry	Sulfate	14808-79-8	2700	Y	
DU-1	RISB-12	RISB-12-0.5-20141215	General Chemistry	Sulfate	14808-79-8	2500	Y	
DU-2	TSB-GJ-03	TSB-GJ-03-0	General Chemistry	Sulfate	14808-79-8	2260	Y	
DU-1	SA-71	SA71-0.5B	General Chemistry	Sulfate	14808-79-8	1870	Y	
DU-2	TSB-GJ-05	TSB-GJ-05-0	General Chemistry	Sulfate	14808-79-8	1550	Y	
DU-1	RISB-13	RISB-13-0.5-20141217	General Chemistry	Sulfate	14808-79-8	1500	Y	
DU-1	RSAM4	RSAM4-0.5B	General Chemistry	Sulfate	14808-79-8	1470	Y	
DU-1	RSAL8	RSAL8-0.5B	General Chemistry	Sulfate	14808-79-8	1350	Y	
DU-1	RSAM7	RSAM7-0.5B	General Chemistry	Sulfate	14808-79-8	1190	Y	
DU-1	RSAM6	RSAM6-0.5B	General Chemistry	Sulfate	14808-79-8	1100	Y	
DU-2	RSAQ7	RSAQ7-0.5B	General Chemistry	Sulfate	14808-79-8	1060	Y	J
DU-1	SA-186	SA186-0.5B	General Chemistry	Sulfate	14808-79-8	946	Y	
DU-1	SA-92	SA92-0.5B	General Chemistry	Sulfate	14808-79-8	859	Y	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	RIT-2-05	RIT-2-05-20141113	General Chemistry	Sulfate	14808-79-8	850	Y	
DU-1	RSAI4	RSAI4-0.5B	General Chemistry	Sulfate	14808-79-8	838	Y	J+
DU-2	SA-138	SA138-0.5B	General Chemistry	Sulfate	14808-79-8	789	Y	
DU-1	SA-171	SA171-5B	General Chemistry	Sulfate	14808-79-8	745	Y	
DU-1	SA-50	SA50-0.5B	General Chemistry	Sulfate	14808-79-8	735	Y	
DU-1	RISB-01	RISB-1-0.5-20181218	General Chemistry	Sulfate	14808-79-8	680	Y	
DU-1	RIT-2-01	RIT-2-01-20141112	General Chemistry	Sulfate	14808-79-8	670	Y	
DU-1	SA-85	SA85-0.5B	General Chemistry	Sulfate	14808-79-8	645	Y	J
DU-1	SA-151	SA151-0.5B	General Chemistry	Sulfate	14808-79-8	642	Y	J+
DU-2	TSB-GR-02	TSB-GR-02-0	General Chemistry	Sulfate	14808-79-8	578	Y	
DU-1	RIT-2-03	RIT-2-03-20141112-FD	General Chemistry	Sulfate	14808-79-8	570	Y	J-
DU-1	SA-166	SA166-0.5B	General Chemistry	Sulfate	14808-79-8	551	Y	
DU-1	RIT-2-03	RIT-2-03-20141112	General Chemistry	Sulfate	14808-79-8	530	Y	J-
DU-2	TSB-GJ-04	TSB-GJ-04-0	General Chemistry	Sulfate	14808-79-8	516	Y	
DU-1	SA-74	SA74-0.5B	General Chemistry	Sulfate	14808-79-8	492	Y	J+
DU-1	RISB-10	RISB-10-0.5-20141215	General Chemistry	Sulfate	14808-79-8	460	Y	
DU-2	SA-7	SA7-0.5	General Chemistry	Sulfate	14808-79-8	449	Y	J
DU-1	SA-141	SA141-14B	General Chemistry	Sulfate	14808-79-8	444	Y	J+
DU-1	M-161D	M-161D-0.5-20141203	General Chemistry	Sulfate	14808-79-8	410	Y	
DU-1	SA-141	SA141009-14B	General Chemistry	Sulfate	14808-79-8	408	Y	J+
DU-2	TSB-GR-02	TSB-GR-02-0-FD	General Chemistry	Sulfate	14808-79-8	399	Y	
DU-1	RIT-3-04	RIT-3-04-20141113	General Chemistry	Sulfate	14808-79-8	390	Y	
DU-1	RSAO7	RSAO7-9B	General Chemistry	Sulfate	14808-79-8	376	Y	J+
DU-1	RIT-3-01	RIT-3-01-20141113	General Chemistry	Sulfate	14808-79-8	370	Y	
DU-1	SA-74	SA74009-0.5B	General Chemistry	Sulfate	14808-79-8	355	Y	J+
DU-2	SA-103	SA103-0.5B	General Chemistry	Sulfate	14808-79-8	349	Y	
DU-1	RSAO2	RSAO2-0.5B	General Chemistry	Sulfate	14808-79-8	336	Y	
DU-3	SA-65	SA65-10B	General Chemistry	Sulfate	14808-79-8	320	Y	J
DU-1	RIT-1-02	RIT-1-02-20141111	General Chemistry	Sulfate	14808-79-8	300	Y	
DU-1	RSAM2	RSAM2-0.5B	General Chemistry	Sulfate	14808-79-8	298	Y	J+
DU-1	SA-72	SA72-0.5B	General Chemistry	Sulfate	14808-79-8	296	Y	J+
DU-1	RIT-2-02	RIT-2-02-20141112	General Chemistry	Sulfate	14808-79-8	290	Y	
DU-1	RIT-3-05	RIT-3-05-20141113	General Chemistry	Sulfate	14808-79-8	290	Y	
DU-1	RISB-47	RISB-47-0.5-20141120	General Chemistry	Sulfate	14808-79-8	290	Y	
DU-1	RISB-11	RISB-11-0.5-20141217	General Chemistry	Sulfate	14808-79-8	280	Y	
DU-1	RSAL4	RSAL4-0.5B	General Chemistry	Sulfate	14808-79-8	276	Y	J+
DU-2	RSAP7	RSAP7-0.5B	General Chemistry	Sulfate	14808-79-8	274	Y	J
DU-2	RSAS3	RSAS3-0.5B	General Chemistry	Sulfate	14808-79-8	268	Y	
DU-1	RSAL4	RSAL4009-0.5B	General Chemistry	Sulfate	14808-79-8	268	Y	J+
DU-1	RSAJ5	RSAJ5-0.5B	General Chemistry	Sulfate	14808-79-8	236	Y	J+
DU-1	RSAN5	RSAN5-0.5B	General Chemistry	Sulfate	14808-79-8	234	Y	
DU-2	RSAT6	RSAT6-0.5B	General Chemistry	Sulfate	14808-79-8	226	Y	J+
DU-1	RISB-09	RISB-09-0.5-20141211	General Chemistry	Sulfate	14808-79-8	210	Y	
DU-1	RIT-3-02	RIT-3-02-20141113	General Chemistry	Sulfate	14808-79-8	210	Y	
DU-2	RSAS3	RSAS3009-0.5B	General Chemistry	Sulfate	14808-79-8	204	Y	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	SA-11	SA11-0.5D	General Chemistry	Sulfate	14808-79-8	199	Y	J
DU-1	RISB-03	RISB-3-0.5-20181218	General Chemistry	Sulfate	14808-79-8	180	Y	
DU-1	SA-69	SA69-0.5B	General Chemistry	Sulfate	14808-79-8	175	Y	J+
DU-1	SA-73	SA73-0.5B	General Chemistry	Sulfate	14808-79-8	172	Y	J
DU-1	SA-18	SA18-0.5	General Chemistry	Sulfate	14808-79-8	163	Y	
DU-1	RSAK6	RSAK6-0.5B	General Chemistry	Sulfate	14808-79-8	162	Y	J+
DU-1	RSAL5	RSAL5-0.5B	General Chemistry	Sulfate	14808-79-8	157	Y	J+
DU-1	SA-12	SA12-0.5	General Chemistry	Sulfate	14808-79-8	153	Y	J+
DU-1	SA-158	SA158-0.5B	General Chemistry	Sulfate	14808-79-8	151	Y	
DU-1	RISB-05	RISB-5-0.5-20181218	General Chemistry	Sulfate	14808-79-8	150	Y	J
DU-1	SA-67	SA67-0.5B	General Chemistry	Sulfate	14808-79-8	145	Y	
DU-2	SA-31	SA31-0.5B	General Chemistry	Sulfate	14808-79-8	131	Y	J+
DU-1	RISB-48	RISB-48-0.5-20141120	General Chemistry	Sulfate	14808-79-8	130	Y	
DU-1	SA-18	SA18-0.5D	General Chemistry	Sulfate	14808-79-8	129	Y	
DU-1	RSAO6	RSAO6-0.5B	General Chemistry	Sulfate	14808-79-8	123	Y	
DU-2	SA-121	SA121-0.5B	General Chemistry	Sulfate	14808-79-8	118	Y	J
DU-2	RSAU4	RSAU4-0.5B	General Chemistry	Sulfate	14808-79-8	112	Y	
DU-2	SA-121	SA121009-0.5B	General Chemistry	Sulfate	14808-79-8	108	Y	J
DU-1	SA-185	SA185-0.5B	General Chemistry	Sulfate	14808-79-8	103	Y	
DU-1	M-162D	M-162D-0.5-20141209	General Chemistry	Sulfate	14808-79-8	100	Y	
DU-3	SA-64	SA64-0.5B	General Chemistry	Sulfate	14808-79-8	98.7	Y	
DU-1	SA-87	SA87-0.5B	General Chemistry	Sulfate	14808-79-8	97.7	Y	
DU-1	SA-179	SA179-0.5B	General Chemistry	Sulfate	14808-79-8	96.1	Y	J+
DU-1	SA-180	SA180-0.5BD	General Chemistry	Sulfate	14808-79-8	95.5	Y	
DU-1	SA-11	SA11-0.5	General Chemistry	Sulfate	14808-79-8	93.6	Y	J
DU-1	SA-55	SA55-0.5B	General Chemistry	Sulfate	14808-79-8	84.1	Y	J+
DU-3	TSB-GJ-02	TSB-GJ-02-0	General Chemistry	Sulfate	14808-79-8	79.8	Y	J
DU-2	SA-212	SA212-0.5B	General Chemistry	Sulfate	14808-79-8	78.2	Y	J
DU-1	RISB-05	RISB-5-0.5-20181218-FD	General Chemistry	Sulfate	14808-79-8	75	Y	J
DU-1	SA-180	SA180-0.5B	General Chemistry	Sulfate	14808-79-8	74.7	Y	
DU-2	RSAQ6	RSAQ6-0.5B	General Chemistry	Sulfate	14808-79-8	74	Y	J
DU-1	RSAO3	RSAO3-0.5B	General Chemistry	Sulfate	14808-79-8	68.5	Y	J+
DU-3	SA-128	SA128-10B	General Chemistry	Sulfate	14808-79-8	68	Y	J+
DU-1	RIT-1-01	RIT-1-01-20141111	General Chemistry	Sulfate	14808-79-8	67	Y	
DU-1	SA-189	SA189-0.5B	General Chemistry	Sulfate	14808-79-8	67	Y	J+
DU-1	RISB-04	RISB-4-0.5-20181218	General Chemistry	Sulfate	14808-79-8	66	Y	
DU-1	RIT-1-05	RIT-1-05-20141112	General Chemistry	Sulfate	14808-79-8	66	Y	
DU-1	RISB-41	RISB-41-0.5-20141121-FD	General Chemistry	Sulfate	14808-79-8	58	Y	
DU-1	RSAM8	RSAM8-0.5B	General Chemistry	Sulfate	14808-79-8	57.9	Y	
DU-1	SA-21	SA21-0.5	General Chemistry	Sulfate	14808-79-8	57	Y	
DU-1	RSAI5	RSAI5-0.5B	General Chemistry	Sulfate	14808-79-8	56.4	Y	J+
DU-1	RISB-41	RISB-41-0.5-20141121	General Chemistry	Sulfate	14808-79-8	55	Y	
DU-1	SA-75	SA75-0.5B	General Chemistry	Sulfate	14808-79-8	54.5	Y	J+
DU-1	RIT-1-03	RIT-1-03-20141112	General Chemistry	Sulfate	14808-79-8	54	Y	
DU-1	RISB-02	RISB-2-0.5-20181218	General Chemistry	Sulfate	14808-79-8	47	Y	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-3	SA-16	SA16-0.5	General Chemistry	Sulfate	14808-79-8	47	Y	J
DU-1	SA-157	SA157009-0.5B	General Chemistry	Sulfate	14808-79-8	43.4	Y	
DU-1	SA-157	SA157-0.5B	General Chemistry	Sulfate	14808-79-8	43.2	Y	
DU-3	SA-15	SA15-10	General Chemistry	Sulfate	14808-79-8	39.3	Y	
DU-1	RSAK4	RSAK4-0.5B	General Chemistry	Sulfate	14808-79-8	37.5	Y	J+
DU-1	RSAK4	RSAK4009-0.5B	General Chemistry	Sulfate	14808-79-8	36.9	Y	J+
DU-3	SA-15	SA15-10D	General Chemistry	Sulfate	14808-79-8	36.6	Y	
DU-1	SA-152	SA152009-0.5B	General Chemistry	Sulfate	14808-79-8	33.1	Y	J+
DU-1	SA-20	SA20-0.5D	General Chemistry	Sulfate	14808-79-8	27.3	Y	J+
DU-1	SA-152	SA152-0.5B	General Chemistry	Sulfate	14808-79-8	26.9	Y	J+
DU-1	RSAL7	RSAL7-0.5B	General Chemistry	Sulfate	14808-79-8	22.8	Y	J+
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	General Chemistry	Sulfate	14808-79-8	22.1	Y	J
DU-1	SA-20	SA20-0.5	General Chemistry	Sulfate	14808-79-8	19.7	Y	J+
DU-1	RISB-40	RISB-40-0.5-20141121	General Chemistry	Sulfate	14808-79-8	18	Y	
DU-1	RISB-39	RISB-39-0.5-20141121	General Chemistry	Sulfate	14808-79-8	17	Y	
DU-1	SA-19	SA19-0.5	General Chemistry	Sulfate	14808-79-8	16.4	Y	J+
DU-1	SA-173	SA173-0.5B	General Chemistry	Sulfate	14808-79-8	16.2	Y	J+
DU-3	SA-197	SA197-0.5B	General Chemistry	Sulfate	14808-79-8	16.2	Y	
DU-2	SA-147	SA147-0.5B	General Chemistry	Sulfate	14808-79-8	13.8	Y	
DU-1	RSAL6	RSAL6-0.5B	General Chemistry	Sulfate	14808-79-8	13.2	Y	J
DU-1	SA-173	SA173009-0.5B	General Chemistry	Sulfate	14808-79-8	12.7	Y	J+
DU-1	RSAN4	RSAN4-0.5B	General Chemistry	Sulfate	14808-79-8	8.4	Y	J+
DU-1	RSAN3	RSAN3-0.5B	General Chemistry	Sulfate	14808-79-8	8.2	Y	J+
DU-2	SA-2	SA2-0.5	General Chemistry	Sulfate	14808-79-8	5.4	Y	
DU-1	SA-35	SA35-0.5B	General Chemistry	Sulfate	14808-79-8	0.75	N	
DU-1	RSAI7	RSAI7-0.5B	General Chemistry	Sulfate	14808-79-8	0.26	N	
DU-1	DS-DB-1	DS-DB-1	Metals	Magnesium	7439-95-4	189000	Y	
DU-1	DS-DB-1	DS-DB-2	Metals	Magnesium	7439-95-4	173000	Y	
DU-1	EE-D10-1	EE-D10-1	Metals	Magnesium	7439-95-4	169000	Y	
DU-1	EE-DB-2	EE-DB-2	Metals	Magnesium	7439-95-4	162000	Y	
DU-1	EE-DB-1	EE-DB-1	Metals	Magnesium	7439-95-4	162000	Y	
DU-1	RIDB-1	RIDB-1-0.5-20170308	Metals	Magnesium	7439-95-4	97000	Y	
DU-1	RSAJ5	RSAJ5-0.5B	Metals	Magnesium	7439-95-4	76000	Y	
DU-1	DS-D27-1	DS-D27-1	Metals	Magnesium	7439-95-4	37000	Y	
DU-1	RISB-14	RISB-14-0.5-20141216	Metals	Magnesium	7439-95-4	29000	Y	
DU-2	SA-103	SA103-0.5B	Metals	Magnesium	7439-95-4	28800	Y	
DU-1	SA-207	SA207-12BPC_FD	Metals	Magnesium	7439-95-4	27000	Y	
DU-1	CS-D10-1	CS-D10-1	Metals	Magnesium	7439-95-4	25100	Y	
DU-1	RIT-1-05	RIT-1-05-20141112	Metals	Magnesium	7439-95-4	20000	Y	
DU-1	SSAP3-01	SSAP3-01-1BPC	Metals	Magnesium	7439-95-4	19000	Y	
DU-1	RIDB-6	RIDB-6-0.5-20170225	Metals	Magnesium	7439-95-4	18000	Y	
DU-1	CS-C10B-1	CS-C10B-1	Metals	Magnesium	7439-95-4	18000	Y	J
DU-1	SA-207	SA207-12BPC	Metals	Magnesium	7439-95-4	17000	Y	
DU-1	RISB-11	RISB-11-0.5-20141217	Metals	Magnesium	7439-95-4	16000	Y	
DU-1	RIT-2-03	RIT-2-03-20141112	Metals	Magnesium	7439-95-4	14000	Y	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	RIT-3-01	RIT-3-01-20141113	Metals	Magnesium	7439-95-4	14000	Y	
DU-1	RIDB-4	RIDB-4-0.5-20170306	Metals	Magnesium	7439-95-4	14000	Y	
DU-1	RIDB-5	RIDB-5-0.5-20170311	Metals	Magnesium	7439-95-4	14000	Y	
DU-1	RIDB-2	RIDB-2-0.5-20170309	Metals	Magnesium	7439-95-4	13000	Y	
DU-1	RIT-2-01	RIT-2-01-20141112	Metals	Magnesium	7439-95-4	13000	Y	
DU-1	RISB-37	RISB-37-0.5-20141117	Metals	Magnesium	7439-95-4	13000	Y	
DU-1	RISB-15	RISB-15-0.5-20141031	Metals	Magnesium	7439-95-4	12000	Y	
DU-1	RIT-1-02	RIT-1-02-20141111	Metals	Magnesium	7439-95-4	12000	Y	
DU-1	RIT-1-04	RIT-1-04-20141112	Metals	Magnesium	7439-95-4	12000	Y	
DU-1	RISB-12	RISB-12-0.5-20141215	Metals	Magnesium	7439-95-4	12000	Y	
DU-3	SA-197	SA197-0.5B	Metals	Magnesium	7439-95-4	11900	Y	
DU-1	SA-180	SA180-0.5B	Metals	Magnesium	7439-95-4	11600	Y	
DU-2	RSAT6	RSAT6-0.5B	Metals	Magnesium	7439-95-4	11400	Y	
DU-3	SA-65	SA65-10B	Metals	Magnesium	7439-95-4	11300	Y	
DU-1	SA-186	SA186-0.5B	Metals	Magnesium	7439-95-4	11100	Y	
DU-1	SA-50	SA50-0.5B	Metals	Magnesium	7439-95-4	11100	Y	
DU-1	RISB-31	RISB-31-0.5-20141119	Metals	Magnesium	7439-95-4	11000	Y	
DU-1	RISB-01	RISB-1-0.5-20181218	Metals	Magnesium	7439-95-4	11000	Y	
DU-1	RISB-29	RISB-29-0.5-20141027	Metals	Magnesium	7439-95-4	11000	Y	
DU-1	RIT-1-03	RIT-1-03-20141112	Metals	Magnesium	7439-95-4	11000	Y	
DU-1	M-162D	M-162D-0.5-20141209	Metals	Magnesium	7439-95-4	11000	Y	
DU-1	RIT-1-01	RIT-1-01-20141111	Metals	Magnesium	7439-95-4	11000	Y	
DU-1	RIDB-7	RIDB-7-0.5-20170312	Metals	Magnesium	7439-95-4	11000	Y	
DU-1	RIT-3-04	RIT-3-04-20141113	Metals	Magnesium	7439-95-4	11000	Y	
DU-1	RISB-18	RISB-18-0.5-20141027	Metals	Magnesium	7439-95-4	11000	Y	
DU-1	RISB-41	RISB-41-0.5-20141121	Metals	Magnesium	7439-95-4	11000	Y	
DU-1	CS-C10A-1	CS-C10A-1	Metals	Magnesium	7439-95-4	11000	Y	
DU-1	RISB-19	RISB-19-0.5-20141027	Metals	Magnesium	7439-95-4	11000	Y	
DU-1	RSAO2	RSAO2-0.5B	Metals	Magnesium	7439-95-4	10900	Y	
DU-1	SA-114	SA114009-1BR	Metals	Magnesium	7439-95-4	10800	Y	
DU-1	SA-102	SA102-1.5BR	Metals	Magnesium	7439-95-4	10600	Y	
DU-1	SA-114	SA114-1BR	Metals	Magnesium	7439-95-4	10500	Y	
DU-1	RSAM4	RSAM4-0.5B	Metals	Magnesium	7439-95-4	10500	Y	
DU-1	SA-87	SA87-0.5B	Metals	Magnesium	7439-95-4	10500	Y	
DU-1	RSAK4	RSAK4-0.5B	Metals	Magnesium	7439-95-4	10300	Y	
DU-1	RSAO5	RSAO5-0.5B	Metals	Magnesium	7439-95-4	10300	Y	
DU-1	RSAL5	RSAL5-0.5B	Metals	Magnesium	7439-95-4	10200	Y	
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	Metals	Magnesium	7439-95-4	10100	Y	
DU-1	RSAO3	RSAO3-0.5B	Metals	Magnesium	7439-95-4	10100	Y	
DU-1	RSAM6	RSAM6-0.5B	Metals	Magnesium	7439-95-4	10100	Y	
DU-1	RISB-10	RISB-10-0.5-20141215	Metals	Magnesium	7439-95-4	10000	Y	
DU-1	RIT-2-03	RIT-2-03-20141112-FD	Metals	Magnesium	7439-95-4	10000	Y	
DU-1	SSAO5-02	SSAO5-02-5BPC	Metals	Magnesium	7439-95-4	10000	Y	
DU-1	RISB-16	RISB-16-0.5-20141029	Metals	Magnesium	7439-95-4	10000	Y	
DU-1	RISB-30	RISB-30-0.5-20141118	Metals	Magnesium	7439-95-4	10000	Y	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	SA-114	SA114-1.5BR	Metals	Magnesium	7439-95-4	10000	Y	
DU-1	SA-151	SA151-0.5B	Metals	Magnesium	7439-95-4	9990	Y	
DU-1	SA-74	SA74009-0.5B	Metals	Magnesium	7439-95-4	9970	Y	
DU-1	RISB-40	RISB-40-0.5-20141121	Metals	Magnesium	7439-95-4	9900	Y	
DU-1	RISB-09	RISB-09-0.5-20141211	Metals	Magnesium	7439-95-4	9900	Y	
DU-3	TSB-GJ-02	TSB-GJ-02-0	Metals	Magnesium	7439-95-4	9840	Y	
DU-1	SA-92	SA92-0.5B	Metals	Magnesium	7439-95-4	9820	Y	
DU-1	RISB-21	RISB-21-0.5-20141031	Metals	Magnesium	7439-95-4	9800	Y	
DU-2	SA-31	SA31-0.5B	Metals	Magnesium	7439-95-4	9790	Y	
DU-2	RSAQ7	RSAQ7-0.5B	Metals	Magnesium	7439-95-4	9770	Y	
DU-2	SA-116	SA116-0.5B	Metals	Magnesium	7439-95-4	9740	Y	
DU-1	SA-69	SA69-0.5B	Metals	Magnesium	7439-95-4	9700	Y	
DU-1	SA-141	SA141-14B	Metals	Magnesium	7439-95-4	9680	Y	
DU-1	SA-71	SA71-0.5B	Metals	Magnesium	7439-95-4	9650	Y	
DU-1	SA-141	SA141009-14B	Metals	Magnesium	7439-95-4	9630	Y	
DU-1	RISB-13	RISB-13-0.5-20141217	Metals	Magnesium	7439-95-4	9600	Y	
DU-1	RISB-32	RISB-32-0.5-20141120	Metals	Magnesium	7439-95-4	9600	Y	
DU-1	RISB-20	RISB-20-0.5-20141029	Metals	Magnesium	7439-95-4	9600	Y	
DU-1	SA-171	SA171-5B	Metals	Magnesium	7439-95-4	9590	Y	
DU-2	SA-121	SA121009-0.5B	Metals	Magnesium	7439-95-4	9530	Y	
DU-1	RISB-36	RISB-36-0.5-20141118	Metals	Magnesium	7439-95-4	9500	Y	
DU-1	CS-D23-2	CS-D23-2	Metals	Magnesium	7439-95-4	9400	Y	J
DU-1	RSAK4	RSAK4009-0.5B	Metals	Magnesium	7439-95-4	9380	Y	
DU-1	SA-176	SA176-0.5B	Metals	Magnesium	7439-95-4	9370	Y	
DU-1	SA-145	SA145-0.5B	Metals	Magnesium	7439-95-4	9350	Y	
DU-1	RISB-27	RISB-27-0.5-20141024	Metals	Magnesium	7439-95-4	9300	Y	
DU-2	RSAP7	RSAP7-0.5B	Metals	Magnesium	7439-95-4	9280	Y	
DU-2	SA-121	SA121-0.5B	Metals	Magnesium	7439-95-4	9220	Y	
DU-1	SA-62	SA62-0.5B	Metals	Magnesium	7439-95-4	9200	Y	
DU-1	RISB-33	RISB-33-0.5-20141119	Metals	Magnesium	7439-95-4	9200	Y	
DU-1	RISB-28	RISB-28-0.5-20141024	Metals	Magnesium	7439-95-4	9200	Y	
DU-1	SA-102	SA102-1BR	Metals	Magnesium	7439-95-4	9190	Y	
DU-1	SA-166	SA166-0.5B	Metals	Magnesium	7439-95-4	9180	Y	
DU-1	RSAL4	RSAL4009-0.5B	Metals	Magnesium	7439-95-4	9160	Y	
DU-1	RSAN4	RSAN4-0.5B	Metals	Magnesium	7439-95-4	9150	Y	
DU-1	CS-DC-1	CS-DC-1	Metals	Magnesium	7439-95-4	9130	Y	
DU-1	RISB-17	RISB-17-0.5-20141028	Metals	Magnesium	7439-95-4	9100	Y	
DU-1	RISB-24	RISB-24-0.5-20141027	Metals	Magnesium	7439-95-4	9100	Y	
DU-1	CS-C05A-1	CS-C05A-1	Metals	Magnesium	7439-95-4	9060	Y	
DU-2	SA-138	SA138-0.5B	Metals	Magnesium	7439-95-4	9030	Y	
DU-1	RISB-34	RISB-34-0.5-20141119	Metals	Magnesium	7439-95-4	9000	Y	
DU-1	SA-173	SA173-0.5B	Metals	Magnesium	7439-95-4	8990	Y	
DU-1	SA-157	SA157009-0.5B	Metals	Magnesium	7439-95-4	8990	Y	
DU-1	RSAM8	RSAM8-0.5B	Metals	Magnesium	7439-95-4	8940	Y	
DU-1	SA-85	SA85-0.5B	Metals	Magnesium	7439-95-4	8940	Y	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	RSAI5	RSAI5-0.5B	Metals	Magnesium	7439-95-4	8930	Y	
DU-2	TSB-GR-02	TSB-GR-02-0	Metals	Magnesium	7439-95-4	8910	Y	
DU-1	RSAL8	RSAL8-0.5B	Metals	Magnesium	7439-95-4	8900	Y	
DU-1	M-116	M116-0.5_03/12/2006	Metals	Magnesium	7439-95-4	8900	Y	
DU-1	SA-158	SA158-0.5B	Metals	Magnesium	7439-95-4	8890	Y	
DU-3	SA-64	SA64-0.5B	Metals	Magnesium	7439-95-4	8870	Y	
DU-1	SA-189	SA189-0.5B	Metals	Magnesium	7439-95-4	8830	Y	
DU-1	RISB-41	RISB-41-0.5-20141121-FD	Metals	Magnesium	7439-95-4	8800	Y	
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	Metals	Magnesium	7439-95-4	8800	Y	
DU-1	M-161D	M-161D-0.5-20141203	Metals	Magnesium	7439-95-4	8800	Y	
DU-2	SA-147	SA147-0.5B	Metals	Magnesium	7439-95-4	8750	Y	
DU-1	RSAN3	RSAN3-0.5B	Metals	Magnesium	7439-95-4	8730	Y	
DU-1	RSAO8	RSAO8-11.5B	Metals	Magnesium	7439-95-4	8730	Y	
DU-1	RSAO7	RSAO7-9B	Metals	Magnesium	7439-95-4	8730	Y	J
DU-1	SA-185	SA185-0.5B	Metals	Magnesium	7439-95-4	8700	Y	
DU-1	RSAL4	RSAL4-0.5B	Metals	Magnesium	7439-95-4	8640	Y	
DU-1	SA-173	SA173009-0.5B	Metals	Magnesium	7439-95-4	8610	Y	
DU-2	RSAS3	RSAS3-0.5B	Metals	Magnesium	7439-95-4	8600	Y	
DU-1	RIT-3-02	RIT-3-02-20141113	Metals	Magnesium	7439-95-4	8600	Y	
DU-1	RISB-26	RISB-26-0.5-20141023	Metals	Magnesium	7439-95-4	8600	Y	
DU-1	RISB-25	RISB-25-0.5-20141023	Metals	Magnesium	7439-95-4	8500	Y	
DU-1	SA-20	SA20-0.5D	Metals	Magnesium	7439-95-4	8460	Y	J-
DU-1	RSAI7	RSAI7-0.5B	Metals	Magnesium	7439-95-4	8420	Y	
DU-3	SA-128	SA128-10B	Metals	Magnesium	7439-95-4	8410	Y	
DU-2	SA-7	SA7-0.5	Metals	Magnesium	7439-95-4	8360	Y	J-
DU-1	SA-55	SA55-0.5B	Metals	Magnesium	7439-95-4	8340	Y	
DU-1	SA-74	SA74-0.5B	Metals	Magnesium	7439-95-4	8320	Y	
DU-1	RISB-39	RISB-39-0.5-20141121	Metals	Magnesium	7439-95-4	8300	Y	
DU-1	RISB-47	RISB-47-0.5-20141120	Metals	Magnesium	7439-95-4	8300	Y	
DU-1	RSAM7	RSAM7-0.5B	Metals	Magnesium	7439-95-4	8230	Y	
DU-1	CS-C01-2	CS-C01-2	Metals	Magnesium	7439-95-4	8190	Y	
DU-1	SA-179	SA179-0.5B	Metals	Magnesium	7439-95-4	8170	Y	
DU-1	RSAK6	RSAK6-0.5B	Metals	Magnesium	7439-95-4	8120	Y	
DU-2	TSB-GR-02	TSB-GR-02-0-FD	Metals	Magnesium	7439-95-4	8120	Y	
DU-1	SSAO3-02	SSAO3-02-5BPC	Metals	Magnesium	7439-95-4	8100	Y	
DU-1	SA-67	SA67-0.5B	Metals	Magnesium	7439-95-4	8060	Y	
DU-2	RSAS3	RSAS3009-0.5B	Metals	Magnesium	7439-95-4	8060	Y	
DU-2	RSAQ6	RSAQ6-0.5B	Metals	Magnesium	7439-95-4	7990	Y	
DU-3	SA-15	SA15-10	Metals	Magnesium	7439-95-4	7970	Y	J-
DU-2	SA-28	SA28-0.5B	Metals	Magnesium	7439-95-4	7950	Y	
DU-2	SA-212	SA212-0.5B	Metals	Magnesium	7439-95-4	7920	Y	
DU-2	SA-146	SA146-0.5B	Metals	Magnesium	7439-95-4	7800	Y	
DU-1	SA-157	SA157-0.5B	Metals	Magnesium	7439-95-4	7770	Y	
DU-1	RSAI4	RSAI4-0.5B	Metals	Magnesium	7439-95-4	7760	Y	
DU-2	TSB-GJ-04	TSB-GJ-04-0	Metals	Magnesium	7439-95-4	7710	Y	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	SA-72	SA72-0.5B	Metals	Magnesium	7439-95-4	7710	Y	
DU-1	SA-73	SA73-0.5B	Metals	Magnesium	7439-95-4	7690	Y	
DU-1	SA-21	SA21-0.5	Metals	Magnesium	7439-95-4	7560	Y	J-
DU-1	RSAN5	RSAN5-0.5B	Metals	Magnesium	7439-95-4	7550	Y	
DU-1	RISB-23	RISB-23-0.5-20141028	Metals	Magnesium	7439-95-4	7500	Y	
DU-1	SA-20	SA20-0.5	Metals	Magnesium	7439-95-4	7500	Y	J-
DU-1	RSAL6	RSAL6-0.5B	Metals	Magnesium	7439-95-4	7490	Y	
DU-1	RISB-35	RISB-35-0.5-20141119	Metals	Magnesium	7439-95-4	7400	Y	
DU-1	RSAL7	RSAL7-0.5B	Metals	Magnesium	7439-95-4	7370	Y	
DU-2	RSAU4	RSAU4-0.5B	Metals	Magnesium	7439-95-4	7310	Y	
DU-1	RISB-48	RISB-48-0.5-20141120	Metals	Magnesium	7439-95-4	7300	Y	
DU-1	SA-11	SA11-0.5D	Metals	Magnesium	7439-95-4	7270	Y	J-
DU-1	RSAO6	RSAO6-0.5B	Metals	Magnesium	7439-95-4	7270	Y	
DU-3	SA-15	SA15-10D	Metals	Magnesium	7439-95-4	7250	Y	J-
DU-2	RSAU5	RSAU5-0.5B	Metals	Magnesium	7439-95-4	7240	Y	
DU-2	TSB-GJ-03	TSB-GJ-03-0	Metals	Magnesium	7439-95-4	7240	Y	
DU-1	SA-152	SA152-0.5B	Metals	Magnesium	7439-95-4	7230	Y	
DU-1	SA-18	SA18-0.5	Metals	Magnesium	7439-95-4	7190	Y	J-
DU-2	TSB-GJ-05	TSB-GJ-05-0	Metals	Magnesium	7439-95-4	7190	Y	
DU-1	SA-11	SA11-0.5	Metals	Magnesium	7439-95-4	7130	Y	J-
DU-1	SA-75	SA75-0.5B	Metals	Magnesium	7439-95-4	7130	Y	J
DU-1	RSAM2	RSAM2-0.5B	Metals	Magnesium	7439-95-4	6960	Y	
DU-1	RIDB-3	RIDB-3-0.5-20170310	Metals	Magnesium	7439-95-4	6900	Y	
DU-1	CS-C07B-1	CS-C07B-1	Metals	Magnesium	7439-95-4	6830	Y	
DU-1	SA-19	SA19-0.5	Metals	Magnesium	7439-95-4	6680	Y	J-
DU-1	RIT-3-05	RIT-3-05-20141113	Metals	Magnesium	7439-95-4	6600	Y	
DU-1	RIT-2-02	RIT-2-02-20141112	Metals	Magnesium	7439-95-4	6500	Y	
DU-1	RISB-22	RISB-22-0.5-20141029	Metals	Magnesium	7439-95-4	6500	Y	
DU-1	SA-35	SA35-0.5B	Metals	Magnesium	7439-95-4	6410	Y	
DU-2	SA-2	SA2-0.5	Metals	Magnesium	7439-95-4	6320	Y	J-
DU-1	SA-152	SA152009-0.5B	Metals	Magnesium	7439-95-4	6040	Y	
DU-3	SA-16	SA16-0.5	Metals	Magnesium	7439-95-4	6030	Y	J-
DU-1	SA-18	SA18-0.5D	Metals	Magnesium	7439-95-4	5900	Y	J-
DU-1	SA-12	SA12-0.5	Metals	Magnesium	7439-95-4	5670	Y	J-
DU-1	RIT-2-05	RIT-2-05-20141113	Metals	Magnesium	7439-95-4	4500	Y	
DU-1	RISB-03	RISB-3-0.5-20181218	Metals	Magnesium	7439-95-4	2600	Y	
DU-1	RISB-05	RISB-5-0.5-20181218-FD	Metals	Magnesium	7439-95-4	2300	Y	J
DU-1	RISB-04	RISB-4-0.5-20181218	Metals	Magnesium	7439-95-4	2200	Y	J
DU-1	RIT-2-04	RIT-2-04-20141113	Metals	Magnesium	7439-95-4	2100	Y	
DU-1	RISB-02	RISB-2-0.5-20181218	Metals	Magnesium	7439-95-4	2000	Y	
DU-1	RISB-05	RISB-5-0.5-20181218	Metals	Magnesium	7439-95-4	1900	Y	J
DU-1	RIT-3-03	RIT-3-03-20141113-FD	Metals	Magnesium	7439-95-4	450	Y	J
DU-1	RIT-3-03	RIT-3-03-20141113	Metals	Magnesium	7439-95-4	130	N	U
DU-1	RISB-14	RISB-14-0.5-20141216	Metals	Sulfur	7704-34-9	14000	Y	
DU-1	RIT-2-01	RIT-2-01-20141112	Metals	Sulfur	7704-34-9	2400	Y	J+

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	RIT-1-05	RIT-1-05-20141112	Metals	Sulfur	7704-34-9	2400	Y	J+
DU-1	RISB-12	RISB-12-0.5-20141215	Metals	Sulfur	7704-34-9	1900	Y	J
DU-1	RIT-2-03	RIT-2-03-20141112-FD	Metals	Sulfur	7704-34-9	1600	Y	J+
DU-1	RIT-1-02	RIT-1-02-20141111	Metals	Sulfur	7704-34-9	1600	Y	J
DU-1	RIT-1-04	RIT-1-04-20141112	Metals	Sulfur	7704-34-9	1300	Y	J+
DU-1	RIT-2-03	RIT-2-03-20141112	Metals	Sulfur	7704-34-9	1300	Y	J+
DU-2	TSB-GJ-03	TSB-GJ-03-0	Metals	Sulfur	7704-34-9	1290	Y	
DU-2	TSB-GJ-05	TSB-GJ-05-0	Metals	Sulfur	7704-34-9	1040	Y	
DU-1	RIT-1-01	RIT-1-01-20141111	Metals	Sulfur	7704-34-9	970	Y	J
DU-1	RISB-10	RISB-10-0.5-20141215	Metals	Sulfur	7704-34-9	860	Y	J
DU-1	M-161D	M-161D-0.5-20141203	Metals	Sulfur	7704-34-9	810	Y	J+
DU-2	TSB-GR-02	TSB-GR-02-0	Metals	Sulfur	7704-34-9	681	Y	J
DU-2	TSB-GJ-04	TSB-GJ-04-0	Metals	Sulfur	7704-34-9	639	Y	J
DU-1	RIT-2-02	RIT-2-02-20141112	Metals	Sulfur	7704-34-9	570	Y	J+
DU-1	M-162D	M-162D-0.5-20141209	Metals	Sulfur	7704-34-9	550	Y	J
DU-2	TSB-GR-02	TSB-GR-02-0-FD	Metals	Sulfur	7704-34-9	498	Y	J
DU-1	RISB-02	RISB-2-0.5-20181218	Metals	Sulfur	7704-34-9	490	Y	
DU-3	TSB-GJ-02	TSB-GJ-02-0	Metals	Sulfur	7704-34-9	451	Y	J
DU-1	RISB-03	RISB-3-0.5-20181218	Metals	Sulfur	7704-34-9	420	Y	
DU-1	RISB-04	RISB-4-0.5-20181218	Metals	Sulfur	7704-34-9	390	Y	J+
DU-1	RISB-05	RISB-5-0.5-20181218-FD	Metals	Sulfur	7704-34-9	320	Y	J+
DU-1	RISB-01	RISB-1-0.5-20181218	Metals	Sulfur	7704-34-9	310	Y	
DU-1	RISB-05	RISB-5-0.5-20181218	Metals	Sulfur	7704-34-9	290	Y	J+
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	Metals	Sulfur	7704-34-9	210.7	N	U
DU-1	RISB-47	RISB-47-0.5-20141120	Metals	Sulfur	7704-34-9	205	N	UJ
DU-1	RISB-13	RISB-13-0.5-20141217	Metals	Sulfur	7704-34-9	205	N	U
DU-1	RISB-11	RISB-11-0.5-20141217	Metals	Sulfur	7704-34-9	200	N	U
DU-1	RIT-1-03	RIT-1-03-20141112	Metals	Sulfur	7704-34-9	200	N	U
DU-1	RISB-09	RISB-09-0.5-20141211	Metals	Sulfur	7704-34-9	190	N	U
DU-1	RISB-48	RISB-48-0.5-20141120	Metals	Sulfur	7704-34-9	180	N	UJ
DU-1	RIT-3-03	RIT-3-03-20141113	SVOCs	Octachlorostyrene	29082-74-4	35.5	N	U
DU-1	RIT-3-03	RIT-3-03-20141113-FD	SVOCs	Octachlorostyrene	29082-74-4	14	N	U
DU-1	RIT-2-05	RIT-2-05-20141113	SVOCs	Octachlorostyrene	29082-74-4	4.6	N	U
DU-1	RIDB-2	RIDB-2-0.5-20170309	SVOCs	Octachlorostyrene	29082-74-4	2.65	N	U
DU-1	RIDB-6	RIDB-6-0.5-20170225	SVOCs	Octachlorostyrene	29082-74-4	2.65	N	U
DU-1	RIT-1-05	RIT-1-05-20141112	SVOCs	Octachlorostyrene	29082-74-4	2.5	N	U
DU-1	RIT-2-01	RIT-2-01-20141112	SVOCs	Octachlorostyrene	29082-74-4	2.5	N	U
DU-1	RIT-1-03	RIT-1-03-20141112	SVOCs	Octachlorostyrene	29082-74-4	2.4	N	U
DU-1	RSAJ5	RSAJ5-0.5B	SVOCs	Octachlorostyrene	29082-74-4	1.3	Y	J
DU-1	RIT-3-01	RIT-3-01-20141113	SVOCs	Octachlorostyrene	29082-74-4	1.25	N	U
DU-1	RIDB-5	RIDB-5-0.5-20170311	SVOCs	Octachlorostyrene	29082-74-4	1.25	N	U
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	SVOCs	Octachlorostyrene	29082-74-4	1.25	N	U
DU-1	RIDB-4	RIDB-4-0.5-20170306	SVOCs	Octachlorostyrene	29082-74-4	1.25	N	U
DU-1	RIDB-7	RIDB-7-0.5-20170312	SVOCs	Octachlorostyrene	29082-74-4	1.25	N	U
DU-1	RIT-1-01	RIT-1-01-20141111	SVOCs	Octachlorostyrene	29082-74-4	1.25	N	U

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	RIT-2-03	RIT-2-03-20141112-FD	SVOCs	Octachlorostyrene	29082-74-4	1.2	N	U
DU-1	RIT-1-04	RIT-1-04-20141112	SVOCs	Octachlorostyrene	29082-74-4	1.2	N	U
DU-1	RISB-14	RISB-14-0.5-20141216	SVOCs	Octachlorostyrene	29082-74-4	1.2	N	U
DU-1	RISB-12	RISB-12-0.5-20141215	SVOCs	Octachlorostyrene	29082-74-4	1.2	N	U
DU-1	RISB-41	RISB-41-0.5-20141121	SVOCs	Octachlorostyrene	29082-74-4	1.2	N	U
DU-1	RISB-11	RISB-11-0.5-20141217	SVOCs	Octachlorostyrene	29082-74-4	1.2	N	U
DU-1	RIDB-3	RIDB-3-0.5-20170310	SVOCs	Octachlorostyrene	29082-74-4	1.2	N	U
DU-1	RISB-39	RISB-39-0.5-20141121	SVOCs	Octachlorostyrene	29082-74-4	1.2	N	U
DU-1	RISB-41	RISB-41-0.5-20141121-FD	SVOCs	Octachlorostyrene	29082-74-4	1.2	N	U
DU-1	M-162D	M-162D-0.5-20141209	SVOCs	Octachlorostyrene	29082-74-4	1.2	N	U
DU-1	RIT-1-02	RIT-1-02-20141111	SVOCs	Octachlorostyrene	29082-74-4	1.2	N	U
DU-1	RISB-40	RISB-40-0.5-20141121	SVOCs	Octachlorostyrene	29082-74-4	1.2	N	U
DU-1	RISB-13	RISB-13-0.5-20141217	SVOCs	Octachlorostyrene	29082-74-4	1.2	N	U
DU-1	RISB-48	RISB-48-0.5-20141120	SVOCs	Octachlorostyrene	29082-74-4	1.2	N	U
DU-1	RIT-2-02	RIT-2-02-20141112	SVOCs	Octachlorostyrene	29082-74-4	1.2	N	U
DU-1	RIDB-1	RIDB-1-0.5-20170308	SVOCs	Octachlorostyrene	29082-74-4	1.15	N	U
DU-1	RIT-2-03	RIT-2-03-20141112	SVOCs	Octachlorostyrene	29082-74-4	1.15	N	U
DU-1	RIT-2-04	RIT-2-04-20141113	SVOCs	Octachlorostyrene	29082-74-4	1.15	N	U
DU-1	RISB-09	RISB-09-0.5-20141211	SVOCs	Octachlorostyrene	29082-74-4	1.15	N	U
DU-1	RIT-3-04	RIT-3-04-20141113	SVOCs	Octachlorostyrene	29082-74-4	1.15	N	U
DU-1	RISB-10	RISB-10-0.5-20141215	SVOCs	Octachlorostyrene	29082-74-4	1.15	N	U
DU-1	RIT-3-05	RIT-3-05-20141113	SVOCs	Octachlorostyrene	29082-74-4	1.15	N	U
DU-1	M-161D	M-161D-0.5-20141203	SVOCs	Octachlorostyrene	29082-74-4	1.15	N	U
DU-1	RISB-47	RISB-47-0.5-20141120	SVOCs	Octachlorostyrene	29082-74-4	1.15	N	U
DU-1	RIT-3-02	RIT-3-02-20141113	SVOCs	Octachlorostyrene	29082-74-4	1.15	N	U
DU-3	SA-86	SA86-3BPC	SVOCs	Octachlorostyrene	29082-74-4	0.68	Y	
DU-1	RSAH3	RSAH3-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.41	Y	
DU-1	SSAK5-01	SSAK5-01-1BPC	SVOCs	Octachlorostyrene	29082-74-4	0.305	N	
DU-1	SA-11	SA11-0.5	SVOCs	Octachlorostyrene	29082-74-4	0.21	Y	J
DU-1	SA-20	SA20-0.5D	SVOCs	Octachlorostyrene	29082-74-4	0.205	N	U
DU-3	SA-15	SA15-10	SVOCs	Octachlorostyrene	29082-74-4	0.195	N	U
DU-1	SA-11	SA11-0.5D	SVOCs	Octachlorostyrene	29082-74-4	0.19	N	U
DU-1	SA-20	SA20-0.5	SVOCs	Octachlorostyrene	29082-74-4	0.185	N	U
DU-1	SA-12	SA12-0.5	SVOCs	Octachlorostyrene	29082-74-4	0.185	N	U
DU-3	SA-15	SA15-10D	SVOCs	Octachlorostyrene	29082-74-4	0.18	N	U
DU-1	SA-19	SA19-0.5	SVOCs	Octachlorostyrene	29082-74-4	0.18	N	U
DU-1	SA-18	SA18-0.5	SVOCs	Octachlorostyrene	29082-74-4	0.18	N	U
DU-1	SA-18	SA18-0.5D	SVOCs	Octachlorostyrene	29082-74-4	0.175	N	U
DU-2	SA-2	SA2-0.5	SVOCs	Octachlorostyrene	29082-74-4	0.175	N	U
DU-2	SA-7	SA7-0.5	SVOCs	Octachlorostyrene	29082-74-4	0.175	N	U
DU-3	SA-16	SA16-0.5	SVOCs	Octachlorostyrene	29082-74-4	0.175	N	U
DU-1	SA-21	SA21-0.5	SVOCs	Octachlorostyrene	29082-74-4	0.17	N	U
DU-1	SSAK8-07	SSAK8-07-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.17	Y	J
DU-1	SSAJ2-02	SSAJ2-02-4BPC	SVOCs	Octachlorostyrene	29082-74-4	0.16	Y	J
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	SVOCs	Octachlorostyrene	29082-74-4	0.15	Y	J

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	SSAK4-01	SSAK4-01-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.13	Y	J
DU-1	SSAK5-01	SSAK5-01-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.115	N	
DU-1	SSAP3-01	SSAP3-01-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.11	N	
DU-3	SA-86	SA86-4BPC	SVOCs	Octachlorostyrene	29082-74-4	0.11	Y	J
DU-3	SA-175	SA175-8BPC	SVOCs	Octachlorostyrene	29082-74-4	0.11	Y	J
DU-1	SSAK6-03	SSAK6-03-3BPC	SVOCs	Octachlorostyrene	29082-74-4	0.11	Y	J
DU-1	SSAN6-03	SSAN6-03-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.105	N	
DU-1	RSAO3	RSAO3-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.091	Y	J
DU-1	SSAK8-02	SSAK8-02-1BPC	SVOCs	Octachlorostyrene	29082-74-4	0.085	Y	J
DU-1	RSAL8	RSAL8-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.08	Y	J
DU-1	SA-167	SA167-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.077	Y	J
DU-1	SSAP3-01	SSAP3-01-1BPC	SVOCs	Octachlorostyrene	29082-74-4	0.073	Y	J
DU-1	SSAK4-02	SSAK4-02-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.069	Y	J
DU-3	SA-64	SA64-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.052	Y	J
DU-1	RSAK4	RSAK4-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.05	Y	J
DU-1	RSAK4	RSAK4009-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.047	Y	J
DU-3	SA-49	SA49-1.5BR	SVOCs	Octachlorostyrene	29082-74-4	0.044	Y	
DU-1	RSAM8	RSAM8-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.033	Y	J
DU-1	SSAI3-01	SSAI3-01-3BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0325	N	
DU-1	SSAO7-01	SSAO7-01-1BPC	SVOCs	Octachlorostyrene	29082-74-4	0.032	N	
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0315	N	
DU-1	SSAK5-03	SSAK5-03-1BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0315	N	
DU-1	SSAM3-01	SSAM3-01-2BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0315	N	
DU-1	SA-75	SA75-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0315	N	
DU-1	SSAO3-02	SSAO3-02-5BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0315	N	
DU-1	SSAK4-02	SSAK4-02-1BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0315	N	
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0315	N	U
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	SVOCs	Octachlorostyrene	29082-74-4	0.031	N	
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	SVOCs	Octachlorostyrene	29082-74-4	0.031	N	
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	SVOCs	Octachlorostyrene	29082-74-4	0.031	N	
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	SVOCs	Octachlorostyrene	29082-74-4	0.031	N	
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	SVOCs	Octachlorostyrene	29082-74-4	0.031	N	
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.031	N	
DU-1	SSAJ2-02	SSAJ2-02-5BPC	SVOCs	Octachlorostyrene	29082-74-4	0.031	N	
DU-1	SSAI3-07	SSAI3-07-10BPC	SVOCs	Octachlorostyrene	29082-74-4	0.031	N	
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0305	N	
DU-1	SSAI3-02	SSAI3-02-15BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0305	N	
DU-1	SSAK5-05	SSAK5-05-9BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0305	N	
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0305	N	
DU-1	SSAJ3-07	SSAJ3-07-5BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0305	N	
DU-2	SSAQ5-07	SSAQ5-07-1BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0305	N	
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0305	N	
DU-1	SSAO4-02	SSAO4-02-3BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0305	N	
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0305	N	U
DU-1	SSAK8-05	SSAK8-05-1BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0305	N	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	SVOCs	Octachlorostyrene	29082-74-4	0.03	N	
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	SVOCs	Octachlorostyrene	29082-74-4	0.03	N	
DU-1	SSAO4-01	SSAO4-01-1BPC	SVOCs	Octachlorostyrene	29082-74-4	0.03	N	
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	SVOCs	Octachlorostyrene	29082-74-4	0.03	N	
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	SVOCs	Octachlorostyrene	29082-74-4	0.03	N	
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	SVOCs	Octachlorostyrene	29082-74-4	0.03	N	
DU-1	SSAI3-02	SSAI3-02-14BPC	SVOCs	Octachlorostyrene	29082-74-4	0.03	N	
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0295	N	
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0295	N	
DU-1	SSAK3-02	SSAK3-02-1BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0295	N	
DU-1	SSAO7-02	SSAO7-02-1BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0295	N	
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0295	N	
DU-1	SSAO4-05	SSAO4-05-1BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0295	N	
DU-3	SSAM7-04	SSAM7-04-1BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0295	N	
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0295	N	
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0295	N	
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	SVOCs	Octachlorostyrene	29082-74-4	0.0295	N	
DU-1	SSAJ3-05	SSAJ3-05-8BPC	SVOCs	Octachlorostyrene	29082-74-4	0.029	N	
DU-1	SSAO7-06	SSAO7-06-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.029	N	
DU-2	SA-156	SA156-1BPC	SVOCs	Octachlorostyrene	29082-74-4	0.029	N	
DU-1	SSAK7-03	SSAK7-03-1BPC	SVOCs	Octachlorostyrene	29082-74-4	0.029	N	
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.029	N	
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	SVOCs	Octachlorostyrene	29082-74-4	0.029	N	
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	SVOCs	Octachlorostyrene	29082-74-4	0.029	N	
DU-1	SSAO7-04	SSAO7-04-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.029	N	
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	SVOCs	Octachlorostyrene	29082-74-4	0.029	N	
DU-1	SSAO8-05	SSAO8-05-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.029	N	
DU-1	CS-C10B-1	CS-C10B-1	SVOCs	Octachlorostyrene	29082-74-4	0.029	N	U
DU-1	SSAO4-01	SSAO4-01-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0285	N	
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0285	N	
DU-1	SSAN5-04	SSAN5-04-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0285	N	
DU-1	SSAN7-07	SSAN7-07-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.028	N	
DU-1	SA-200	SA200-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.028	N	
DU-1	SA-189	SA189-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.028	Y	J
DU-1	SA-70	SA70-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.028	N	
DU-1	SSAN7-06	SSAN7-06-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.028	N	
DU-1	SSAK8-09	SSAK8-09-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0275	N	
DU-1	RSAN7	RSAN7-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.0275	N	
DU-1	RSAL8	RSAL8-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.027	N	
DU-1	SSAL3-07	SSAL3-07-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.027	N	
DU-1	SSAO8-08	SSAO8-08-0BPC	SVOCs	Octachlorostyrene	29082-74-4	0.027	N	
DU-1	RSAL5	RSAL5-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.025	Y	J
DU-1	RSAL6	RSAL6-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.021	Y	
DU-1	RSAM4	RSAM4-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.02	Y	
DU-2	TSB-GJ-04	TSB-GJ-04-0	SVOCs	Octachlorostyrene	29082-74-4	0.018	N	U

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-2	TSB-GR-02	TSB-GR-02-0-FD	SVOCs	Octachlorostyrene	29082-74-4	0.0175	N	U
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	SVOCs	Octachlorostyrene	29082-74-4	0.0175	N	U
DU-2	TSB-GJ-05	TSB-GJ-05-0	SVOCs	Octachlorostyrene	29082-74-4	0.017	N	U
DU-3	TSB-GJ-02	TSB-GJ-02-0	SVOCs	Octachlorostyrene	29082-74-4	0.017	N	U
DU-2	TSB-GJ-03	TSB-GJ-03-0	SVOCs	Octachlorostyrene	29082-74-4	0.017	N	UJ
DU-1	SA-186	SA186-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.017	Y	J
DU-2	TSB-GR-02	TSB-GR-02-0	SVOCs	Octachlorostyrene	29082-74-4	0.017	N	U
DU-1	RSAL4	RSAL4-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.014	Y	
DU-1	RSAO5	RSAO5-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.014	Y	J
DU-1	RSAL4	RSAL4009-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.013	Y	
DU-3	SA-65	SA65-10B	SVOCs	Octachlorostyrene	29082-74-4	0.013	Y	
DU-1	SA-92	SA92-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.013	Y	J
DU-1	RSAM6	RSAM6-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.011	Y	J
DU-1	SA-85	SA85-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.008	Y	J
DU-2	SA-103	SA103-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0075	N	
DU-1	SA-74	SA74-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.006	N	
DU-1	SA-158	SA158-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0048	Y	J
DU-1	SA-157	SA157-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0037	N	
DU-1	SA-67	SA67-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0021	Y	J
DU-1	SA-74	SA74009-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0019	N	
DU-2	SA-147	SA147-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0019	N	
DU-2	SA-121	SA121009-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0019	N	
DU-2	RSAU4	RSAU4-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0019	N	
DU-1	RSAN4	RSAN4-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0019	N	
DU-1	SA-171	SA171-5B	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	
DU-1	RSAN3	RSAN3-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	
DU-2	RSAQ6	RSAQ6-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	
DU-1	SA-114	SA114-1BR	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	
DU-1	SA-114	SA114009-1BR	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	
DU-2	SA-28	SA28-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	
DU-1	SA-185	SA185-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	
DU-1	SA-114	SA114-1.5BR	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	
DU-1	SA-141	SA141-14B	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	
DU-3	SA-197	SA197-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	UJ
DU-2	RSAQ7	RSAQ7-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	
DU-2	SA-31	SA31-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	
DU-1	SA-141	SA141009-14B	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	
DU-2	SA-116	SA116-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	
DU-2	RSAP7	RSAP7-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	
DU-2	SA-146	SA146-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	
DU-1	SA-75	SA75-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	
DU-3	SA-128	SA128-10B	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	
DU-1	SA-157	SA157009-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	
DU-1	SA-151	SA151-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	
DU-2	SA-121	SA121-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	

Table J-1a: Evaluation for Chemicals Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
DU-1	RSAO7	RSAO7-9B	SVOCs	Octachlorostyrene	29082-74-4	0.00185	N	
DU-2	RSAU5	RSAU5-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0018	N	
DU-1	RSAK6	RSAK6-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0018	N	UJ
DU-1	RSAI5	RSAI5-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0018	N	
DU-2	SA-138	SA138-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0018	N	
DU-1	SA-152	SA152-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0018	N	UJ
DU-2	SA-212	SA212-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0018	N	
DU-1	RSAO6	RSAO6-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0018	N	UJ
DU-1	RSAI4	RSAI4-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0018	N	
DU-1	RSAL7	RSAL7-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0018	N	UJ
DU-1	SA-176	SA176-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0018	N	UJ
DU-1	RSAN5	RSAN5-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0018	N	UJ
DU-1	SA-55	SA55-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0018	N	UJ
DU-1	SA-35	SA35-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0018	N	UJ
DU-1	SA-166	SA166-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0018	N	UJ
DU-2	RSAS3	RSAS3009-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0018	N	
DU-2	RSAT6	RSAT6-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0018	N	
DU-2	RSAS3	RSAS3-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0018	N	
DU-1	SA-50	SA50-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0018	N	
DU-1	RSAM2	RSAM2-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.0018	N	UJ
DU-1	SA-71	SA71-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.00175	N	UJ
DU-1	SA-152	SA152009-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.00175	N	UJ
DU-1	RSAM7	RSAM7-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.00175	N	UJ
DU-1	SA-180	SA180-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.000981705	N	
DU-1	RSAO2	RSAO2-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.000981705	N	
DU-1	RSAI7	RSAI7-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.000981705	N	
DU-1	SA-180	SA180-0.5BD	SVOCs	Octachlorostyrene	29082-74-4	0.000981705	N	
DU-1	SA-69	SA69-0.5B	SVOCs	Octachlorostyrene	29082-74-4	0.00006	N	
DU-1	SA-85	SA85-0.5B	VOCs	Formaldehyde	50-00-0	0.089	Y	J
DU-1	RSAN3	RSAN3-0.5B	VOCs	Formaldehyde	50-00-0	0.061	Y	J

Notes:
Non-detected compounds shown as 1/2 the sample quantitation limit

mg/kg = Milligram per kilogram
N = Not detected
Y = Detected
SVOCs = semivolatile organic carbons
VOCs = volatile organic carbons

Table J-1b: Evaluation for Chemicals Detected Lacking ESVs: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Group	Chemical Name	CASRN	Result (mg/kg)	Detect Flag	Qualifier
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	Chlorine Oxyanions	Chlorate	14866-68-3	4.2	Y	J+
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	Chlorine Oxyanions	Chlorate	14866-68-3	1.5	Y	
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	Chlorine Oxyanions	Chlorate	14866-68-3	1.2	Y	J+
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	Chlorine Oxyanions	Chlorate	14866-68-3	1.1	Y	
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	Chlorine Oxyanions	Chlorate	14866-68-3	0.77	Y	J+
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	Chlorine Oxyanions	Chlorate	14866-68-3	0.53	Y	J+
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	Chlorine Oxyanions	Chlorate	14866-68-3	0.53	Y	J+
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	Chlorine Oxyanions	Chlorate	14866-68-3	0.19	Y	J
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	General Chemistry	Ammonia	7664-41-7	4.9	Y	J
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	General Chemistry	Ammonia	7664-41-7	4.4	Y	J
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	General Chemistry	Ammonia	7664-41-7	4.1	Y	J
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	General Chemistry	Ammonia	7664-41-7	3.9	Y	J
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	General Chemistry	Ammonia	7664-41-7	3.7	Y	J
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	General Chemistry	Ammonia	7664-41-7	3.5	Y	J
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	General Chemistry	Ammonia	7664-41-7	3.5	Y	J
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	General Chemistry	Ammonia	7664-41-7	3.2	Y	J
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	General Chemistry	Bromide	24959-67-9	15	Y	
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	General Chemistry	Bromide	24959-67-9	5.5	Y	
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	General Chemistry	Bromide	24959-67-9	3.6	Y	J
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	General Chemistry	Bromide	24959-67-9	1.8	N	U
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	General Chemistry	Bromide	24959-67-9	1.8	N	U
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	General Chemistry	Bromide	24959-67-9	1.8	N	U
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	General Chemistry	Bromide	24959-67-9	1.8	N	U
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	General Chemistry	Bromide	24959-67-9	1.75	N	U
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	General Chemistry	Nitrate	14797-55-8	226	Y	J+
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	General Chemistry	Nitrate	14797-55-8	133	Y	J+
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	General Chemistry	Nitrate	14797-55-8	124	Y	
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	General Chemistry	Nitrate	14797-55-8	120	Y	J+
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	General Chemistry	Nitrate	14797-55-8	71	Y	
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	General Chemistry	Nitrate	14797-55-8	39	Y	
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	General Chemistry	Nitrate	14797-55-8	28	Y	J+
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	General Chemistry	Nitrate	14797-55-8	18	Y	J+
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	General Chemistry	Sulfate	14808-79-8	6900	Y	
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	General Chemistry	Sulfate	14808-79-8	3000	Y	
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	General Chemistry	Sulfate	14808-79-8	1600	Y	
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	General Chemistry	Sulfate	14808-79-8	610	Y	
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	General Chemistry	Sulfate	14808-79-8	410	Y	
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	General Chemistry	Sulfate	14808-79-8	110	Y	
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	General Chemistry	Sulfate	14808-79-8	110	Y	
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	General Chemistry	Sulfate	14808-79-8	65	Y	

Table J-1b: Evaluation for Chemicals Detected Lacking ESVs: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:
Non-detected compounds shown as 1/2 the sample quantitation limit

mg/kg = Milligram per kilogram
N = Not detected
Y = Detected
SVOCs = semivolatile organic carbons
VOCs = volatile organic carbons

APPENDIX J-2
EVALUATION OF SAMPLE QUANTITATION LIMITS FOR CHEMICALS NOT DETECTED WITH ESVS

Figure J-2.1 Spatial Concentration Plot for Cyanide where SQLs Exceed Conservative ESVs

Figure J-2.2 Spatial Concentration Plot for Semi-volatile Organic Compounds where SQLs Exceed Conservative ESVs

Figure J-2.3 Spatial Concentration Plot for Volatile Organic Compounds where SQLs Exceed Conservative ESVs

Figure J-2.4 Spatial Concentration Plot for Organochlorine Pesticides where SQLs Exceed Conservative ESVs

Figure J-2.5 Spatial Concentration Plot for Organophosphate Pesticides where SQLs Exceed Conservative ESVs

Figure J-2.6a Evaluation of SQL Hazard Quotients versus Dilution Factors for Non-Detected Analytes

Figure J-2.6b Evaluation of SQL Hazard Quotients versus Dilution Factors for Select Non-Detected Analytes

Table J-2a Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area

Table J-2b Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E

Table J-2c Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area

Table J-2d Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Parcel E

Table J-2e Summary of Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values, Sorted Highest to Lowest: Operations Area

Table J-2f Summary of Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values, Sorted Highest to Lowest: Parcel E

Table J-2g Uncertainties Regarding Chemicals Not Detected with SQLs Greater than ESVs: Operations Area

Table J-2h Uncertainties Regarding Chemicals Not Detected with SQLs Greater than ESVs: Parcel E

SPATIAL PLOT FIGURES
NONDETECTED CHEMICALS WITH SAMPLE QUANTITATION LIMITS > CONSERVATIVE ESVs

FIGURE J-2.1 SERIES: GENERAL CHEMISTRY

Figure J-2.1 Spatial Concentration Plot for Cyanide where SQLs Exceed Conservative ESVs

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Cyanide (Total) (mg/kg) - log scale

- ≤ 0.098 (1 x Screening Level)
- 0.98 (10 x Screening Level)
- 9.8 (100 x Screening Level)
- ≥ 98 (1,000 x Screening Level)

- ≤ 0.098 (1 x Screening Level)
- 0.98 (10 x Screening Level)
- 9.8 (100 x Screening Level)
- ≥ 98 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.1 Cyanide (total)

RAMBOLL

Spatial Surface Soil Concentration Plot for Cyanide (Total) using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.1**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

FIGURE J-2.2 SERIES: SEMI-VOLATILE ORGANIC COMPOUNDS

Figure J-2.2a Spatial Concentration Plot for 2,4-Dichlorophenol where SQLs Exceed Conservative ESVs
Figure J-2.2b Spatial Concentration Plot for 2,4-Dimethylphenol where SQLs Exceed Conservative ESVs
Figure J-2.2c Spatial Concentration Plot for 2,4-Dinitrophenol where SQLs Exceed Conservative ESVs
Figure J-2.2d Spatial Concentration Plot for 2-Methylphenol where SQLs Exceed Conservative ESVs
Figure J-2.2e Spatial Concentration Plot for 2-Nitroaniline where SQLs Exceeds Conservative ESVs
Figure J-2.2f Spatial Concentration Plot for 3,3'-Dichlorobenzidine where SQLs Exceed Conservative ESVs
Figure J-2.2g Spatial Concentration Plot for 4-Chloroaniline where SQLs Exceed Conservative ESVs
Figure J-2.2h Spatial Concentration Plot for Benzoic acid where SQLs Exceed Conservative ESVs
Figure J-2.2i Spatial Concentration Plot for Benzyl alcohol where SQLs Exceed Conservative ESVs
Figure J-2.2j Spatial Concentration Plot for Hexachlorocyclopentadiene where SQLs Exceed Conservative ESVs
Figure J-2.2k Spatial Concentration Plot for Hexachloroethane where SQLs Exceed Conservative ESVs
Figure J-2.2l Spatial Concentration Plot for n-Nitrosodiphenylamine where SQLs Exceed Conservative ESVs
Figure J-2.2m Spatial Concentration Plot for Pentachlorophenol where SQLs Exceed Conservative ESVs

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - 2,4-Dichlorophenol (mg/kg) - log scale

- ≤ 0.05 (1 x Screening Level)
- 0.5 (10 x Screening Level)
- 5 (100 x Screening Level)
- ≥ 50 (1,000 x Screening Level)

- ≤ 0.05 (1 x Screening Level)
- 0.5 (10 x Screening Level)
- 5 (100 x Screening Level)
- ≥ 50 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.2a 2,4-Dichlorophenol

RAMBOLL

Spatial Surface Soil Concentration Plot for 2,4-Dichlorophenol using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.2a**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - 2,4-Dimethylphenol (mg/kg) - log scale

- ≤ 0.04 (1 x Screening Level)
- 0.4 (10 x Screening Level)
- 4 (100 x Screening Level)
- ≥ 40 (1,000 x Screening Level)

- ≤ 0.04 (1 x Screening Level)
- 0.4 (10 x Screening Level)
- 4 (100 x Screening Level)
- ≥ 40 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.2b 2,4-Dimethylphenol

RAMBOLL

Spatial Surface Soil Concentration Plot for 2,4-Dimethylphenol using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.2b**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - 2,4-Dinitrophenol (mg/kg) - log scale

- ≤ 0.061 (1 x Screening Level)
- 0.61 (10 x Screening Level)
- 6.1 (100 x Screening Level)
- ≥ 61 (1,000 x Screening Level)

- ≤ 0.061 (1 x Screening Level)
- 0.61 (10 x Screening Level)
- 6.1 (100 x Screening Level)
- ≥ 61 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.2c 2,4-Dinitrophenol

RAMBOLL

Spatial Surface Soil Concentration Plot for 2,4-Dinitrophenol using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.2c**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - 2-Methylphenol (mg/kg) - log scale

- ≤ 0.1 (1 x Screening Level)
- 1 (10 x Screening Level)
- 10 (100 x Screening Level)
- ≥ 100 (1,000 x Screening Level)
- ≤ 0.1 (1 x Screening Level)
- 1 (10 x Screening Level)
- 10 (100 x Screening Level)
- ≥ 100 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.2d 2-Methylphenol

RAMBOLL

Spatial Surface Soil Concentration Plot for 2-Methylphenol using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.2d**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - 2-Nitroaniline (mg/kg) - log scale

- ≤ 0.02 (1 x Screening Level)
- 0.2 (10 x Screening Level)
- 2 (100 x Screening Level)
- ≥ 20 (1,000 x Screening Level)
- ≤ 0.02 (1 x Screening Level)
- 0.2 (10 x Screening Level)
- 2 (100 x Screening Level)
- ≥ 20 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.2e 2-Nitroaniline

RAMBOLL

Spatial Surface Soil Concentration Plot for 2-Nitroaniline using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.2e**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - 3,3'-Dichlorobenzidine (mg/kg) - log scale

- ≤ 0.03 (1 x Screening Level)
- 0.3 (10 x Screening Level)
- 3 (100 x Screening Level)
- ≥ 30 (1,000 x Screening Level)
- ≤ 0.03 (1 x Screening Level)
- 0.3 (10 x Screening Level)
- 3 (100 x Screening Level)
- ≥ 30 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure_J-2.2f 3,3'-Dichlorobenzidine

RAMBOLL

Spatial Surface Soil Concentration Plot for 3,3'-Dichlorobenzidine using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.2f**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - 4-Chloroaniline (mg/kg) - log scale

- ≤ 1 (1 x Screening Level)
- 10 (10 x Screening Level)
- 100 (100 x Screening Level)
- ≥ 1000 (1,000 x Screening Level)

- ≤ 1 (1 x Screening Level)
- 10 (10 x Screening Level)
- 100 (100 x Screening Level)
- ≥ 1000 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.2g 4-Chloroaniline

RAMBOLL

Spatial Surface Soil Concentration Plot for 4-Chloroaniline using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.2g**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Benzoic acid (mg/kg) - log scale

- ≤ 0.01 (1 x Screening Level)
- 0.1 (10 x Screening Level)
- 1 (100 x Screening Level)
- ≥ 10 (1,000 x Screening Level)

- ≤ 0.01 (1 x Screening Level)
- 0.1 (10 x Screening Level)
- 1 (100 x Screening Level)
- ≥ 10 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.2h Benzoic acid

RAMBOLL

Spatial Surface Soil Concentration Plot for Benzoic acid using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.2h**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Benzyl alcohol (mg/kg) - log scale

- ≤ 0.002 (1 x Screening Level)
- 0.02 (10 x Screening Level)
- 0.2 (100 x Screening Level)
- ≥ 2 (1,000 x Screening Level)

≤ 0.002 (1 x Screening Level)
0.02 (10 x Screening Level)
0.2 (100 x Screening Level)
≥ 2 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.2i Benzyl alcohol

RAMBOLL

Spatial Surface Soil Concentration Plot for Benzyl alcohol using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.2i**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Hexachlorocyclopentadiene (mg/kg) - log scale

- ≤ 0.001 (1 x Screening Level)
- 0.01 (10 x Screening Level)
- 0.1 (100 x Screening Level)
- ≥ 1 (1,000 x Screening Level)
- ≤ 0.001 (1 x Screening Level)
- 0.01 (10 x Screening Level)
- 0.1 (100 x Screening Level)
- ≥ 1 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure_J-2.2j Hexachlorocyclopentadiene

RAMBOLL

Spatial Surface Soil Concentration Plot for Hexachlorocyclopentadiene using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.2j**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Hexachloroethane (mg/kg) - log scale

- ≤ 0.024 (1 x Screening Level)
- 0.24 (10 x Screening Level)
- 2.4 (100 x Screening Level)
- ≥ 24 (1,000 x Screening Level)
- ≤ 0.024 (1 x Screening Level)
- 0.24 (10 x Screening Level)
- 2.4 (100 x Screening Level)
- ≥ 24 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.2k Hexachloroethane

RAMBOLL

Spatial Surface Soil Concentration Plot for Hexachloroethane using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.2k**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - n-Nitrosodiphenylamine (mg/kg) - log scale

- ≤ 0.545 (1 x Screening Level)
- 5.45 (10 x Screening Level)
- 54.5 (100 x Screening Level)
- ≥ 545 (1,000 x Screening Level)

- ≤ 0.545 (1 x Screening Level)
- 5.45 (10 x Screening Level)
- 54.5 (100 x Screening Level)
- ≥ 545 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure_J-2.2l n-Nitrosodiphenylamine

RAMBOLL

Spatial Surface Soil Concentration Plot for n-Nitrosodiphenylamine using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.2l**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Pentachlorophenol (mg/kg) - log scale

- ≤ 2.1 (1 x Screening Level)
- 21 (10 x Screening Level)
- 210 (100 x Screening Level)
- ≥ 2,100 (1,000 x Screening Level)

- ≤ 2.1 (1 x Screening Level)
- 21 (10 x Screening Level)
- 210 (100 x Screening Level)
- ≥ 2,100 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.2m Pentachlorophenol

RAMBOLL

Spatial Surface Soil Concentration Plot for Pentachlorophenol using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.2m**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

FIGURE J-2.3 SERIES: VOLATILE ORGANIC COMPOUNDS

Figure J-2.3a Spatial Concentration Plot for Bromomethane where SQLs Exceed Conservative ESVs

Figure J-2.3b Spatial Concentration Plot for Ethylene glycol where SQLs Exceed conservative ESVs

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Bromomethane (mg/kg) - log scale

- ≤ 0.002 (1 x Screening Level)
- 0.02 (10 x Screening Level)
- 0.2 (100 x Screening Level)
- ≥ 2 (1,000 x Screening Level)

- ≤ 0.002 (1 x Screening Level)
- 0.02 (10 x Screening Level)
- 0.2 (100 x Screening Level)
- ≥ 2 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.3a Bromomethane

RAMBOLL

Spatial Surface Soil Concentration Plot for Bromomethane using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.3a**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Ethylene glycol (mg/kg) - log scale

- ≤ 0.31 (1 x Screening Level)
- 3.1 (10 x Screening Level)
- 31 (100 x Screening Level)
- ≥ 310 (1,000 x Screening Level)

- ≤ 0.31 (1 x Screening Level)
- 3.1 (10 x Screening Level)
- 31 (100 x Screening Level)
- ≥ 310 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.3b Ethylene glycol

RAMBOLL

Spatial Surface Soil Concentration Plot for Ethylene glycol using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.3b**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

FIGURE J-2.4 SERIES: ORGANOCHLORINE PESTICIDES

Figure J-2.4a Spatial Concentration Plot for alpha-Chlordane where SQLs Exceed Conservative ESVs
Figure J-2.4b Spatial Concentration Plot for Chlordane (total) where SQLs Exceed Conservative ESVs
Figure J-2.4c Spatial Concentration Plot for Dieldrin where SQLs Exceed Conservative ESVs
Figure J-2.4d Spatial Concentration Plot for Endosulfan I where SQLs Exceed Conservative ESVs
Figure J-2.4e Spatial Concentration Plot for Endosulfan sulfate where SQLs Exceed Conservative ESVs
Figure J-2.4f Spatial Concentration Plot for Endrin aldehyde where SQLs Exceed Conservative ESVs
Figure J-2.4g Spatial Concentration Plot for gamma-BHC where SQLs Exceed Conservative ESVs
Figure J-2.4h Spatial Concentration Plot for Heptachlor where SQLs Exceed Conservative ESVs
Figure J-2.4i Spatial Concentration Plot for Heptachlor Epoxide where SQLs Exceed Conservative ESVs
Figure J-2.4j Spatial Concentration Plot for Toxaphene where SQLs Exceed Conservative ESVs

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - alpha-Chlordane (mg/kg) - log scale

- ≤ 0.0029 (1 x Screening Level)
- 0.029 (10 x Screening Level)
- 0.29 (100 x Screening Level)
- ≥ 2.9 (1,000 x Screening Level)
- ≤ 0.0029 (1 x Screening Level)
- 0.029 (10 x Screening Level)
- 0.29 (100 x Screening Level)
- ≥ 2.9 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.4a alpha-Chlordane

RAMBOLL

Spatial Surface Soil Concentration Plot for alpha-Chlordane using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.4a**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Chlordane (total) (mg/kg) - log scale

- ≤ 0.0029 (1 x Screening Level)
- 0.029 (10 x Screening Level)
- 0.29 (100 x Screening Level)
- ≥ 2.9 (1,000 x Screening Level)
- ≤ 0.0029 (1 x Screening Level)
- 0.029 (10 x Screening Level)
- 0.29 (100 x Screening Level)
- ≥ 2.9 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.4b Chlordane (total)

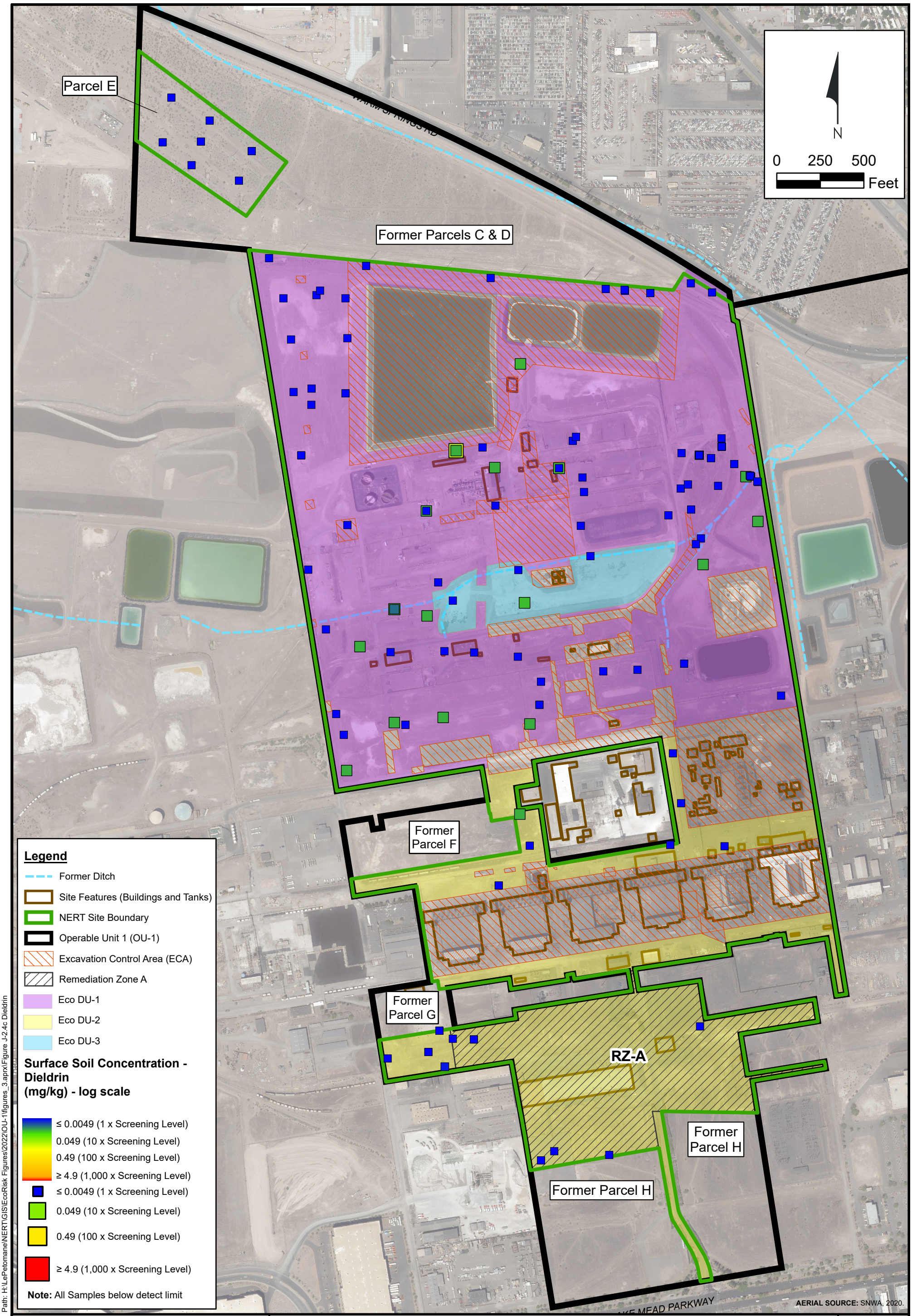
RAMBOLL

Spatial Surface Soil Concentration Plot for Chlordane (total) using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.4b**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.4c Dieldrin

RAMBOLL

Spatial Surface Soil Concentration Plot for Dieldrin using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.4c**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Endosulfan I (mg/kg) - log scale

- ≤ 0.0009 (1 x Screening Level)
- 0.009 (10 x Screening Level)
- 0.09 (100 x Screening Level)
- ≥ 0.9 (1,000 x Screening Level)
- ≤ 0.0009 (1 x Screening Level)
- 0.009 (10 x Screening Level)
- 0.09 (100 x Screening Level)
- ≥ 0.9 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.4d Endosulfan I

RAMBOLL

Spatial Surface Soil Concentration Plot for Endosulfan I using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.4d**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Endosulfan sulfate (mg/kg) - log scale

- ≤ 0.0007 (1 x Screening Level)
- 0.007 (10 x Screening Level)
- 0.07 (100 x Screening Level)
- ≥ 0.7 (1,000 x Screening Level)
- ≤ 0.0007 (1 x Screening Level)
- 0.007 (10 x Screening Level)
- 0.07 (100 x Screening Level)
- ≥ 0.7 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.4e Endosulfan sulfate

RAMBOLL

Spatial Surface Soil Concentration Plot for Endosulfan sulfate using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.4e**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Endrin aldehyde (mg/kg) - log scale

- ≤ 0.0014 (1 x Screening Level)
- 0.014 (10 x Screening Level)
- 0.14 (100 x Screening Level)
- ≥ 1.4 (1,000 x Screening Level)
- ≤ 0.0014 (1 x Screening Level)
- 0.014 (10 x Screening Level)
- 0.14 (100 x Screening Level)
- ≥ 1.4 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.4f Endrin aldehyde

RAMBOLL

Spatial Surface Soil Concentration Plot for Endrin aldehyde using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.4f**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - gamma-BHC (mg/kg) - log scale

- ≤ 0.0031 (1 x Screening Level)
- 0.031 (10 x Screening Level)
- 0.31 (100 x Screening Level)
- ≥ 3.1 (1,000 x Screening Level)
- ≤ 0.0031 (1 x Screening Level)
- 0.031 (10 x Screening Level)
- 0.31 (100 x Screening Level)
- ≥ 3.1 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.4g gamma-BHC

RAMBOLL

Spatial Surface Soil Concentration Plot for gamma-BHC using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.4g**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Heptachlor (mg/kg) - log scale

- ≤ 0.0016 (1 x Screening Level)
- 0.016 (10 x Screening Level)
- 0.16 (100 x Screening Level)
- ≥ 1.6 (1,000 x Screening Level)
- ≤ 0.0016 (1 x Screening Level)
- 0.016 (10 x Screening Level)
- 0.16 (100 x Screening Level)
- ≥ 1.6 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.4h Heptachlor

RAMBOLL

Spatial Surface Soil Concentration Plot for Heptachlor using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.4h**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Heptachlor epoxide (mg/kg) - log scale

- ≤ 0.00015 (1 x Screening Level)
- 0.0015 (10 x Screening Level)
- 0.015 (100 x Screening Level)
- ≥ 0.15 (1,000 x Screening Level)
- ≤ 0.00015 (1 x Screening Level)
- 0.0015 (10 x Screening Level)
- 0.015 (100 x Screening Level)
- ≥ 0.15 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure_J-2.4i Heptachlor epoxide

RAMBOLL

Spatial Surface Soil Concentration Plot for Heptachlor epoxide using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.4i**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Toxaphene (mg/kg) - log scale

- ≤ 0.00015 (1 x Screening Level)
- 0.0015 (10 x Screening Level)
- 0.015 (100 x Screening Level)
- ≥ 0.15 (1,000 x Screening Level)

- ≤ 0.00015 (1 x Screening Level)
- 0.0015 (10 x Screening Level)
- 0.015 (100 x Screening Level)
- ≥ 0.15 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.4j Toxaphene

RAMBOLL

Spatial Surface Soil Concentration Plot for Toxaphene using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.4j**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

FIGURE J-2.5 SERIES: ORGANOPHOSPHATE PESTICIDES

Figure J-2.5a Spatial Concentration Plot for Atrazine where SQLs Exceed Conservative ESVs

Figure J-2.5b Spatial Concentration Plot for Chlorpyrifos where SQLs Exceed Conservative ESVs

Figure J-2.5c Spatial Concentration Plot for Diazinon where SQLs Exceed Conservative ESVs

Figure J-2.5d Spatial Concentration Plot for Guthion where SQLs Exceed Conservative ESVs

Figure J-2.5e Spatial Concentration Plot for Malathion where SQLs Exceed Conservative ESVs

Figure J-2.5f Spatial Concentration Plot for Parathion where SQLs Exceed Conservative ESVs

Figure J-2.5g Spatial Concentration Plot for Simazine where SQLs Exceed Conservative ESVs

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Atrazine (mg/kg) - log scale

- ≤ 0.00005 (1 x Screening Level)
- 0.0005 (10 x Screening Level)
- 0.005 (100 x Screening Level)
- ≥ 0.05 (1,000 x Screening Level)
- ≤ 0.00005 (1 x Screening Level)
- 0.0005 (10 x Screening Level)
- 0.005 (100 x Screening Level)
- ≥ 0.05 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.5a Atrazine

RAMBOLL

Spatial Surface Soil Concentration Plot for Atrazine using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.5a**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Chlorpyrifos (mg/kg) - log scale

- ≤ 0.003 (1 x Screening Level)
- 0.03 (10 x Screening Level)
- 0.3 (100 x Screening Level)
- ≥ 3 (1,000 x Screening Level)

- ≤ 0.003 (1 x Screening Level)
- 0.03 (10 x Screening Level)
- 0.3 (100 x Screening Level)
- ≥ 3 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.5b Chlorpyrifos

RAMBOLL

Spatial Surface Soil Concentration Plot for Chlorpyrifos using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.5b**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Diazinon (mg/kg) - log scale

- ≤ 0.0037 (1 x Screening Level)
- 0.037 (10 x Screening Level)
- 0.37 (100 x Screening Level)
- ≥ 3.7 (1,000 x Screening Level)
- ≤ 0.0037 (1 x Screening Level)
- 0.037 (10 x Screening Level)
- 0.37 (100 x Screening Level)
- ≥ 3.7 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.5c Diazinon

RAMBOLL

Spatial Surface Soil Concentration Plot for Diazinon using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.5c**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Guthion (mg/kg) - log scale

- ≤ 0.00006 (1 x Screening Level)
- 0.0006 (10 x Screening Level)
- 0.006 (100 x Screening Level)
- ≥ 0.06 (1,000 x Screening Level)

- ≤ 0.00006 (1 x Screening Level)
- 0.0006 (10 x Screening Level)
- 0.006 (100 x Screening Level)
- ≥ 0.06 (1,000 x Screening Level)

Note: All Samples below detect limit

LAKE MEAD PARKWAY

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.5d Guthion

RAMBOLL

Spatial Surface Soil Concentration Plot for Guthion using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.5d**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Malathion (mg/kg) - log scale

- ≤ 0.00004 (1 x Screening Level)
- 0.0004 (10 x Screening Level)
- 0.004 (100 x Screening Level)
- ≥ 0.04 (1,000 x Screening Level)

- ≤ 0.00004 (1 x Screening Level)
- 0.0004 (10 x Screening Level)
- 0.004 (100 x Screening Level)
- ≥ 0.04 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.5e Malathion

RAMBOLL

Spatial Surface Soil Concentration Plot for Malathion using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.5e**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Parathion (mg/kg) - log scale

- ≤ 0.00019 (1 x Screening Level)
- 0.0019 (10 x Screening Level)
- 0.019 (100 x Screening Level)
- ≥ 0.19 (1,000 x Screening Level)

- ≤ 0.00019 (1 x Screening Level)
- 0.0019 (10 x Screening Level)
- 0.019 (100 x Screening Level)
- ≥ 0.19 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.5f Parathion

RAMBOLL

Spatial Surface Soil Concentration Plot for Parathion using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.5f**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:

Parcel E

Former Parcels C & D

Former Parcel F

Former Parcel G

RZ-A

Former Parcel H

Former Parcel H

N

0 250 500

Feet

Legend

- Former Ditch
- Site Features (Buildings and Tanks)
- NERT Site Boundary
- Operable Unit 1 (OU-1)
- Excavation Control Area (ECA)
- Remediation Zone A
- Eco DU-1
- Eco DU-2
- Eco DU-3

Surface Soil Concentration - Simazine (mg/kg) - log scale

- ≤ 0.0083 (1 x Screening Level)
- 0.083 (10 x Screening Level)
- 0.83 (100 x Screening Level)
- ≥ 8.3 (1,000 x Screening Level)

- ≤ 0.0083 (1 x Screening Level)
- 0.083 (10 x Screening Level)
- 0.83 (100 x Screening Level)
- ≥ 8.3 (1,000 x Screening Level)

Note: All Samples below detect limit

AERIAL SOURCE: SNWA, 2020.

Path: H:\LePetomane\NERT\GIS\EcoRisk Figures\2022\OU-1\figures_3.aprx\Figure J-2.5g Simazine

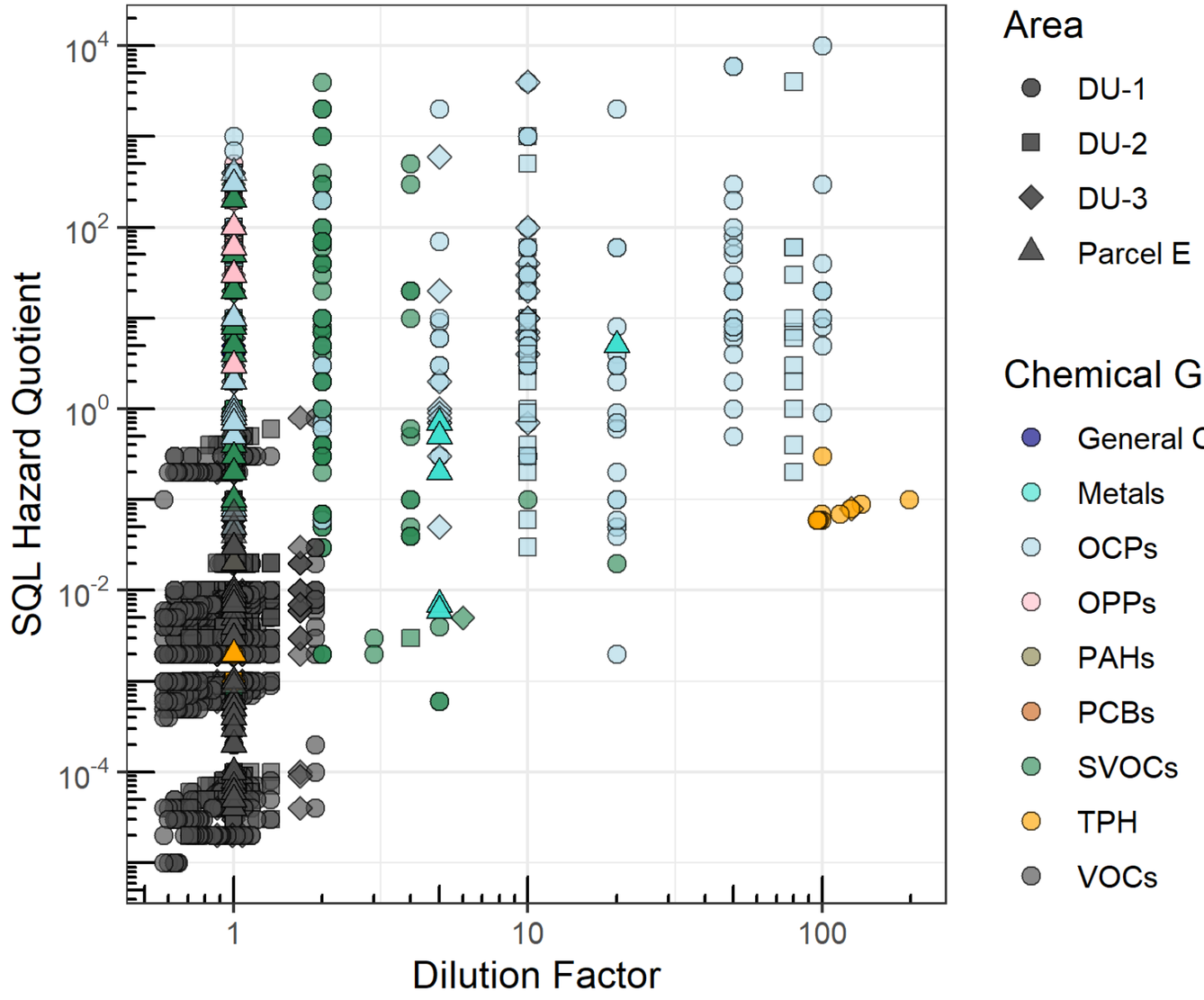
RAMBOLL

Spatial Surface Soil Concentration Plot for Simazine using Conservative ESVs

Nevada Environmental Response Trust, Henderson, Nevada

Figure **J-2.5g**

Drafter: JC | Date: 2023-12-11 | Contract Number: 169002 9369 | Approved by: | Revised:



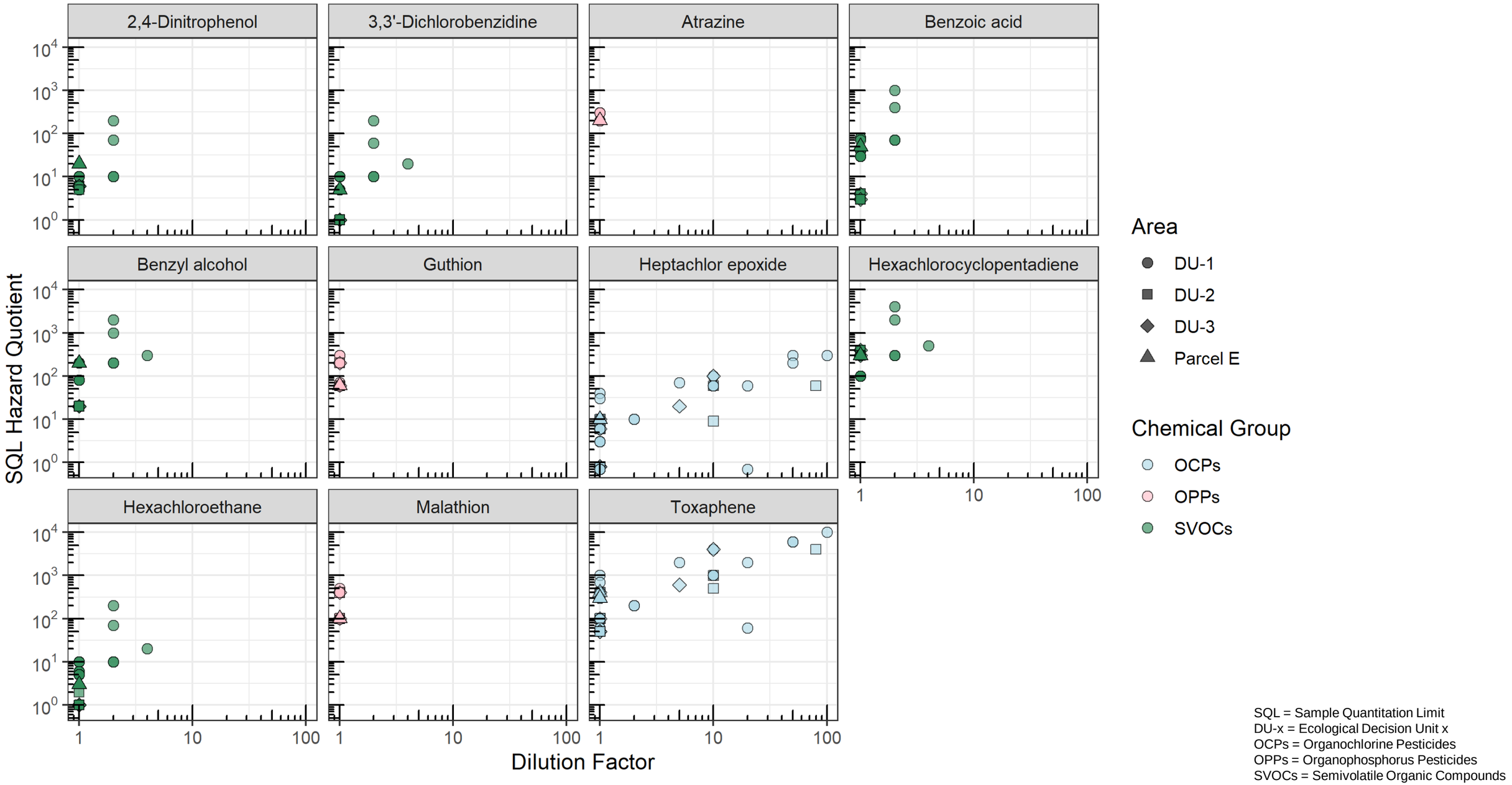
Graphical representation of data presented in Tables J-2a and J-2b.
SQL = Sample Quantitation Limit
DU-x = Ecological Decision Unit x
OCPs = Organochlorine Pesticides
OPPs = Organophosphorus Pesticides

PAHs = Polycyclic Aromatic Hydrocarbons
PCBs = Polychlorinated Biphenyls
(S)VOCs = (Semi) Volatile Organic Compounds
TPH = Total Petroleum Hydrocarbons

RAMBOLL

Evaluation of SQL Hazard Quotients versus Dilution Factors for Non-Detected Analytes
NERT Environmental Response Trust Site
Henderson Nevada

FIGURE
J-2.6a



RAMBOLL

Evaluation of SQL Hazard Quotients versus Dilution Factors for Select Non-Detected Analytes

NERT Environmental Response Trust Site

Henderson Nevada

FIGURE

J-2.6b

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0062	0.0031	mg/kg	0.07	R4 Inverts	0.09	0.04
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0059	0.00295	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0057	0.00285	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0056	0.0028	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0056	0.0028	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0055	0.00275	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0055	0.00275	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0055	0.00275	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0054	0.0027	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0053	0.00265	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0053	0.00265	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0053	0.00265	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0053	0.00265	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0052	0.0026	mg/kg	0.07	R4 Inverts	0.07	0.04
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	630-20-6	1,1,1,2-Tetrachloroethane	0.0049	0.00245	mg/kg	0.07	R4 Inverts	0.07	0.04
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0019	0.00095	mg/kg	0.07	R4 Inverts	0.03	0.01
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0016	0.0008	mg/kg	0.07	R4 Inverts	0.02	0.01
DU-1	RISB-37	RISB-37-0.5-20141117	11/17/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0012	0.0006	mg/kg	0.07	R4 Inverts	0.02	0.009
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0011	0.00055	mg/kg	0.07	R4 Inverts	0.02	0.008
DU-1	RISB-31	RISB-31-0.5-20141119	11/19/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0011	0.00055	mg/kg	0.07	R4 Inverts	0.02	0.008
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0011	0.00055	mg/kg	0.07	R4 Inverts	0.02	0.008
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0011	0.00055	mg/kg	0.07	R4 Inverts	0.02	0.008
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-30	RISB-30-0.5-20141118	11/18/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-34	RISB-34-0.5-20141119	11/19/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-35	RISB-35-0.5-20141119	11/19/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-53	RISB-53-0.5-20141106	11/6/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-54	RISB-54-0.5-20141117	11/17/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-33	RISB-33-0.5-20141119	11/19/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-36	RISB-36-0.5-20141118	11/18/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-55	RISB-55-0.5-20141114	11/14/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00099	0.000495	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00098	0.00049	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-2	RISB-56	RISB-56-0.5-20141104	11/4/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00098	0.00049	mg/kg	0.07	R4 Inverts	0.01	0.007

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00097	0.000485	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00096	0.00048	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00096	0.00048	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00096	0.00048	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00096	0.00048	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00095	0.000475	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00095	0.000475	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-32	RISB-32-0.5-20141120	11/20/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00095	0.000475	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00095	0.000475	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00094	0.00047	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00094	0.00047	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00093	0.000465	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00088	0.00044	mg/kg	0.07	R4 Inverts	0.01	0.006
DU-2	RISB-57	RISB-57-0.5-20141103	11/3/2014	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00088	0.00044	mg/kg	0.07	R4 Inverts	0.01	0.006
DU-1	SA157	SA157-0.5B	10/20/2009	VOCs	1.89	630-20-6	1,1,1,2-Tetrachloroethane	0.00058	0.00029	mg/kg	0.07	R4 Inverts	0.008	0.004
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00054	0.00027	mg/kg	0.07	R4 Inverts	0.008	0.004
DU-3	SA65	SA65-10B	8/25/2009	VOCs	1.68	630-20-6	1,1,1,2-Tetrachloroethane	0.00051	0.000255	mg/kg	0.07	R4 Inverts	0.007	0.004
DU-1	SSAN7-06	SSAN7-06-0.5BPC	9/7/2010	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0005	0.00025	mg/kg	0.07	R4 Inverts	0.007	0.004
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	VOCs	1.15	630-20-6	1,1,1,2-Tetrachloroethane	0.00044	0.00022	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	VOCs	1.08	630-20-6	1,1,1,2-Tetrachloroethane	0.00044	0.00022	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SA87	SA87-0.5B	6/25/2008	VOCs	1.02	630-20-6	1,1,1,2-Tetrachloroethane	0.00044	0.00022	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SA180	SA180-0.5BD	6/26/2008	VOCs	0.95	630-20-6	1,1,1,2-Tetrachloroethane	0.00044	0.00022	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SA180	SA180-0.5B	6/26/2008	VOCs	0.91	630-20-6	1,1,1,2-Tetrachloroethane	0.00044	0.00022	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	630-20-6	1,1,1,2-Tetrachloroethane	0.00044	0.00022	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SSAO7-06	SSAO7-06-0.5BPC	9/27/2010	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00043	0.000215	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00041	0.000205	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-2	SA103	SA103-0.5B	10/6/2009	VOCs	1.34	630-20-6	1,1,1,2-Tetrachloroethane	0.0004	0.0002	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SSAO8-05	SSAO8-05-0.5BPC	9/27/2010	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0004	0.0002	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00039	0.000195	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00039	0.000195	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	VOCs	1.14	630-20-6	1,1,1,2-Tetrachloroethane	0.00035	0.000175	mg/kg	0.07	R4 Inverts	0.005	0.003
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	VOCs	1.33	630-20-6	1,1,1,2-Tetrachloroethane	0.00033	0.000165	mg/kg	0.07	R4 Inverts	0.005	0.002
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	630-20-6	1,1,1,2-Tetrachloroethane	0.00033	0.000165	mg/kg	0.07	R4 Inverts	0.005	0.002
DU-2	SA116	SA116-0.5B	9/2/2009	VOCs	1.08	630-20-6	1,1,1,2-Tetrachloroethane	0.00033	0.000165	mg/kg	0.07	R4 Inverts	0.005	0.002
DU-2	SA212	SA212-0.5B	9/28/2009	VOCs	1.09	630-20-6	1,1,1,2-Tetrachloroethane	0.00033	0.000165	mg/kg	0.07	R4 Inverts	0.005	0.002
DU-1	SSAO8-08	SSAO8-08-0.5BPC	9/27/2010	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00033	0.000165	mg/kg	0.07	R4 Inverts	0.005	0.002
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00033	0.000165	mg/kg	0.07	R4 Inverts	0.005	0.002
DU-1	SA141	SA141009-14B	10/15/2009	VOCs	1.07	630-20-6	1,1,1,2-Tetrachloroethane	0.00033	0.000165	mg/kg	0.07	R4 Inverts	0.005	0.002
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	VOCs	1.04	630-20-6	1,1,1,2-Tetrachloroethane	0.00032	0.00016	mg/kg	0.07	R4 Inverts	0.005	0.002
DU-2	SA121	SA121009-0.5B	9/25/2009	VOCs	1.02	630-20-6	1,1,1,2-Tetrachloroethane	0.00032	0.00016	mg/kg	0.07	R4 Inverts	0.005	0.002
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00032	0.00016	mg/kg	0.07	R4 Inverts	0.005	0.002
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00032	0.00016	mg/kg	0.07	R4 Inverts	0.005	0.002
DU-1	SSAN8-07	SSAN8-07-0.5BPC	9/7/2010	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00032	0.00016	mg/kg	0.07	R4 Inverts	0.005	0.002
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00032	0.00016	mg/kg	0.07	R4 Inverts	0.005	0.002
DU-2	SA138	SA138-0.5B	10/6/2009	VOCs	1.03	630-20-6	1,1,1,2-Tetrachloroethane	0.00031	0.000155	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	SA151	SA151-0.5B	9/17/2009	VOCs	0.99	630-20-6	1,1,1,2-Tetrachloroethane	0.0003	0.00015	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-3	SA128	SA128-10B	9/16/2009	VOCs	0.99	630-20-6	1,1,1,2-Tetrachloroethane	0.0003	0.00015	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	SA171	SA171-5B	10/19/2009	VOCs	0.98	630-20-6	1,1,1,2-Tetrachloroethane	0.0003	0.00015	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	630-20-6	1,1,1,2-Tetrachloroethane	0.0003	0.00015	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	630-20-6	1,1,1,2-Tetrachloroethane	0.0003	0.00015	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0003	0.00015	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	SA71	SA71-0.5B	6/16/2009	VOCs	1.2	630-20-6	1,1,1,2-Tetrachloroethane	0.0003	0.00015	mg/kg	0.07	R4 Inverts	0.004	0.002

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	630-20-6	1,1,1,2-Tetrachloroethane	0.0003	0.00015	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	VOCs	0.98	630-20-6	1,1,1,2-Tetrachloroethane	0.00029	0.000145	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	SA145	SA145-0.5B	6/12/2009	VOCs	1.14	630-20-6	1,1,1,2-Tetrachloroethane	0.00029	0.000145	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	630-20-6	1,1,1,2-Tetrachloroethane	0.00028	0.00014	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	VOCs	0.95	630-20-6	1,1,1,2-Tetrachloroethane	0.00028	0.00014	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	VOCs	0.93	630-20-6	1,1,1,2-Tetrachloroethane	0.00028	0.00014	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-3	SA197	SA197-0.5B	6/19/2009	VOCs	1.07	630-20-6	1,1,1,2-Tetrachloroethane	0.00028	0.00014	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-2	SA28	SA28-0.5B	8/3/2009	VOCs	0.92	630-20-6	1,1,1,2-Tetrachloroethane	0.00028	0.00014	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	VOCs	0.99	630-20-6	1,1,1,2-Tetrachloroethane	0.00027	0.000135	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	VOCs	1.09	630-20-6	1,1,1,2-Tetrachloroethane	0.00027	0.000135	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	VOCs	1.08	630-20-6	1,1,1,2-Tetrachloroethane	0.00027	0.000135	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	RSAO7	RSAO7-9B	10/12/2009	VOCs	0.89	630-20-6	1,1,1,2-Tetrachloroethane	0.00027	0.000135	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-2	SA146	SA146-0.5B	8/4/2009	VOCs	0.88	630-20-6	1,1,1,2-Tetrachloroethane	0.00027	0.000135	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	630-20-6	1,1,1,2-Tetrachloroethane	0.00026	0.00013	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	VOCs	1.04	630-20-6	1,1,1,2-Tetrachloroethane	0.00026	0.00013	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-2	SA147	SA147-0.5B	8/4/2009	VOCs	0.83	630-20-6	1,1,1,2-Tetrachloroethane	0.00026	0.00013	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	630-20-6	1,1,1,2-Tetrachloroethane	0.00026	0.00013	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	SA186	SA186-0.5B	6/29/2009	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00026	0.00013	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	SA166	SA166-0.5B	6/11/2009	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00026	0.00013	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	SA85	SA85-0.5B	6/16/2009	VOCs	1.02	630-20-6	1,1,1,2-Tetrachloroethane	0.00026	0.00013	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	630-20-6	1,1,1,2-Tetrachloroethane	0.00025	0.000125	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	630-20-6	1,1,1,2-Tetrachloroethane	0.00025	0.000125	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	VOCs	0.97	630-20-6	1,1,1,2-Tetrachloroethane	0.00025	0.000125	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-2	SA121	SA121-0.5B	9/25/2009	VOCs	0.81	630-20-6	1,1,1,2-Tetrachloroethane	0.00025	0.000125	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	VOCs	0.97	630-20-6	1,1,1,2-Tetrachloroethane	0.00025	0.000125	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	SA62	SA62-0.5B	6/16/2009	VOCs	0.97	630-20-6	1,1,1,2-Tetrachloroethane	0.00025	0.000125	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	SA50	SA50-0.5B	6/30/2009	VOCs	0.97	630-20-6	1,1,1,2-Tetrachloroethane	0.00025	0.000125	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	VOCs	0.93	630-20-6	1,1,1,2-Tetrachloroethane	0.00024	0.00012	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-1	SA176	SA176-0.5B	6/10/2009	VOCs	0.92	630-20-6	1,1,1,2-Tetrachloroethane	0.00024	0.00012	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-1	SA152	SA152-0.5B	6/4/2009	VOCs	0.93	630-20-6	1,1,1,2-Tetrachloroethane	0.00024	0.00012	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-1	SA75	SA75-0.5B	7/17/2009	VOCs	0.91	630-20-6	1,1,1,2-Tetrachloroethane	0.00024	0.00012	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00024	0.00012	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00024	0.00012	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00024	0.00012	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	VOCs	0.91	630-20-6	1,1,1,2-Tetrachloroethane	0.00023	0.000115	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	VOCs	0.91	630-20-6	1,1,1,2-Tetrachloroethane	0.00023	0.000115	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	VOCs	0.91	630-20-6	1,1,1,2-Tetrachloroethane	0.00023	0.000115	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-1	SA185	SA185-0.5B	6/29/2009	VOCs	0.89	630-20-6	1,1,1,2-Tetrachloroethane	0.00023	0.000115	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-1	SA55	SA55-0.5B	6/10/2009	VOCs	0.89	630-20-6	1,1,1,2-Tetrachloroethane	0.00023	0.000115	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-1	SA152	SA152009-0.5B	6/4/2009	VOCs	0.9	630-20-6	1,1,1,2-Tetrachloroethane	0.00023	0.000115	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-3	SA64	SA64-0.5B	6/19/2009	VOCs	0.88	630-20-6	1,1,1,2-Tetrachloroethane	0.00023	0.000115	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-1	SA173	SA173-0.5B	7/27/2009	VOCs	0.9	630-20-6	1,1,1,2-Tetrachloroethane	0.00023	0.000115	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00023	0.000115	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00023	0.000115	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00023	0.000115	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-1	SA69	SA69-0.5B	7/7/2009	VOCs	0.72	630-20-6	1,1,1,2-Tetrachloroethane	0.00023	0.000115	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00023	0.000115	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	VOCs	0.91	630-20-6	1,1,1,2-Tetrachloroethane	0.00023	0.000115	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	VOCs	0.86	630-20-6	1,1,1,2-Tetrachloroethane	0.00022	0.00011	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-1	SA189	SA189-0.5B	6/4/2009	VOCs	0.85	630-20-6	1,1,1,2-Tetrachloroethane	0.00022	0.00011	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-1	SA92	SA92-0.5B	6/17/2009	VOCs	0.89	630-20-6	1,1,1,2-Tetrachloroethane	0.00022	0.00011	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	VOCs	0.71	630-20-6	1,1,1,2-Tetrachloroethane	0.00021	0.000105	mg/kg	0.07	R4 Inverts	0.003	0.002

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA158	SA158-0.5B	6/17/2009	VOCs	0.85	630-20-6	1,1,1,2-Tetrachloroethane	0.00021	0.000105	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-1	SA179	SA179-0.5B	7/28/2009	VOCs	0.79	630-20-6	1,1,1,2-Tetrachloroethane	0.00021	0.000105	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	VOCs	0.76	630-20-6	1,1,1,2-Tetrachloroethane	0.0002	0.0001	mg/kg	0.07	R4 Inverts	0.003	0.001
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	VOCs	0.74	630-20-6	1,1,1,2-Tetrachloroethane	0.0002	0.0001	mg/kg	0.07	R4 Inverts	0.003	0.001
DU-1	SA73	SA73-0.5B	7/29/2009	VOCs	0.77	630-20-6	1,1,1,2-Tetrachloroethane	0.0002	0.0001	mg/kg	0.07	R4 Inverts	0.003	0.001
DU-1	SA74	SA74-0.5B	7/15/2009	VOCs	0.72	630-20-6	1,1,1,2-Tetrachloroethane	0.0002	0.0001	mg/kg	0.07	R4 Inverts	0.003	0.001
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	VOCs	0.63	630-20-6	1,1,1,2-Tetrachloroethane	0.00019	0.000095	mg/kg	0.07	R4 Inverts	0.003	0.001
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	VOCs	0.63	630-20-6	1,1,1,2-Tetrachloroethane	0.00019	0.000095	mg/kg	0.07	R4 Inverts	0.003	0.001
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	VOCs	0.71	630-20-6	1,1,1,2-Tetrachloroethane	0.00018	0.00009	mg/kg	0.07	R4 Inverts	0.003	0.001
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	VOCs	0.68	630-20-6	1,1,1,2-Tetrachloroethane	0.00018	0.00009	mg/kg	0.07	R4 Inverts	0.003	0.001
DU-1	SA74	SA74009-0.5B	7/15/2009	VOCs	0.65	630-20-6	1,1,1,2-Tetrachloroethane	0.00018	0.00009	mg/kg	0.07	R4 Inverts	0.003	0.001
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	VOCs	0.63	630-20-6	1,1,1,2-Tetrachloroethane	0.00017	0.000085	mg/kg	0.07	R4 Inverts	0.002	0.001
DU-1	SA72	SA72-0.5B	7/27/2009	VOCs	0.64	630-20-6	1,1,1,2-Tetrachloroethane	0.00017	0.000085	mg/kg	0.07	R4 Inverts	0.002	0.001
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	VOCs	0.6	630-20-6	1,1,1,2-Tetrachloroethane	0.00016	0.00008	mg/kg	0.07	R4 Inverts	0.002	0.001
DU-1	SA173	SA173009-0.5B	7/27/2009	VOCs	0.58	630-20-6	1,1,1,2-Tetrachloroethane	0.00015	0.000075	mg/kg	0.07	R4 Inverts	0.002	0.001
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0062	0.0031	mg/kg	0.04	R4 Inverts	0.2	0.08
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0059	0.00295	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0057	0.00285	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0056	0.0028	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0056	0.0028	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0055	0.00275	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0055	0.00275	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0055	0.00275	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0054	0.0027	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0053	0.00265	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0053	0.00265	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0053	0.00265	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0053	0.00265	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0052	0.0026	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	71-55-6	1,1,1-Trichloroethane	0.0049	0.00245	mg/kg	0.04	R4 Inverts	0.1	0.06
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00097	0.000485	mg/kg	0.04	R4 Inverts	0.02	0.01
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00082	0.00041	mg/kg	0.04	R4 Inverts	0.02	0.01
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	VOCs	1.15	71-55-6	1,1,1-Trichloroethane	0.0006	0.0003	mg/kg	0.04	R4 Inverts	0.02	0.008
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	VOCs	1.08	71-55-6	1,1,1-Trichloroethane	0.0006	0.0003	mg/kg	0.04	R4 Inverts	0.02	0.008
DU-1	SA87	SA87-0.5B	6/25/2008	VOCs	1.02	71-55-6	1,1,1-Trichloroethane	0.0006	0.0003	mg/kg	0.04	R4 Inverts	0.02	0.008
DU-1	SA180	SA180-0.5B	6/26/2008	VOCs	0.91	71-55-6	1,1,1-Trichloroethane	0.0006	0.0003	mg/kg	0.04	R4 Inverts	0.02	0.008
DU-1	SA180	SA180-0.5BD	6/26/2008	VOCs	0.95	71-55-6	1,1,1-Trichloroethane	0.0006	0.0003	mg/kg	0.04	R4 Inverts	0.02	0.008
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	71-55-6	1,1,1-Trichloroethane	0.0006	0.0003	mg/kg	0.04	R4 Inverts	0.02	0.008
DU-1	RISB-37	RISB-37-0.5-20141117	11/17/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00058	0.00029	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00055	0.000275	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00054	0.00027	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RISB-31	RISB-31-0.5-20141119	11/19/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00054	0.00027	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00053	0.000265	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00052	0.00026	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00052	0.00026	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00052	0.00026	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00052	0.00026	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00052	0.00026	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-30	RISB-30-0.5-20141118	11/18/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-35	RISB-35-0.5-20141119	11/19/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RISB-54	RISB-54-0.5-20141117	11/17/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-33	RISB-33-0.5-20141119	11/19/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-36	RISB-36-0.5-20141118	11/18/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-34	RISB-34-0.5-20141119	11/19/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-53	RISB-53-0.5-20141106	11/6/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-55	RISB-55-0.5-20141114	11/14/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00049	0.000245	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-2	RISB-56	RISB-56-0.5-20141104	11/4/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00049	0.000245	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	SSAN7-06	SSAN7-06-0.5BPC	9/7/2010	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-32	RISB-32-0.5-20141120	11/20/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00044	0.00022	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-2	RISB-57	RISB-57-0.5-20141103	11/3/2014	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00044	0.00022	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	SA157	SA157-0.5B	10/20/2009	VOCs	1.89	71-55-6	1,1,1-Trichloroethane	0.00043	0.000215	mg/kg	0.04	R4 Inverts	0.01	0.005
DU-1	SSAO7-06	SSAO7-06-0.5BPC	9/27/2010	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0004	0.0002	mg/kg	0.04	R4 Inverts	0.01	0.005
DU-3	SA65	SA65-10B	8/25/2009	VOCs	1.68	71-55-6	1,1,1-Trichloroethane	0.00039	0.000195	mg/kg	0.04	R4 Inverts	0.01	0.005
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00039	0.000195	mg/kg	0.04	R4 Inverts	0.01	0.005
DU-1	SSAO8-05	SSAO8-05-0.5BPC	9/27/2010	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00037	0.000185	mg/kg	0.04	R4 Inverts	0.009	0.005
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00037	0.000185	mg/kg	0.04	R4 Inverts	0.009	0.005
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00036	0.00018	mg/kg	0.04	R4 Inverts	0.009	0.005
DU-1	SSAO8-08	SSAO8-08-0.5BPC	9/27/2010	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00031	0.000155	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00031	0.000155	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-2	SA103	SA103-0.5B	10/6/2009	VOCs	1.34	71-55-6	1,1,1-Trichloroethane	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SSAN8-07	SSAN8-07-0.5BPC	9/7/2010	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	VOCs	1.33	71-55-6	1,1,1-Trichloroethane	0.00029	0.000145	mg/kg	0.04	R4 Inverts	0.007	0.004

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00028	0.00014	mg/kg	0.04	R4 Inverts	0.007	0.004
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	VOCs	1.14	71-55-6	1,1,1-Trichloroethane	0.00027	0.000135	mg/kg	0.04	R4 Inverts	0.007	0.003
DU-1	SA71	SA71-0.5B	6/16/2009	VOCs	1.2	71-55-6	1,1,1-Trichloroethane	0.00026	0.00013	mg/kg	0.04	R4 Inverts	0.007	0.003
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	71-55-6	1,1,1-Trichloroethane	0.00025	0.000125	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-2	SA116	SA116-0.5B	9/2/2009	VOCs	1.08	71-55-6	1,1,1-Trichloroethane	0.00025	0.000125	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-3	SA197	SA197-0.5B	6/19/2009	VOCs	1.07	71-55-6	1,1,1-Trichloroethane	0.00025	0.000125	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SA145	SA145-0.5B	6/12/2009	VOCs	1.14	71-55-6	1,1,1-Trichloroethane	0.00025	0.000125	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-2	SA212	SA212-0.5B	9/28/2009	VOCs	1.09	71-55-6	1,1,1-Trichloroethane	0.00025	0.000125	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SA141	SA141009-14B	10/15/2009	VOCs	1.07	71-55-6	1,1,1-Trichloroethane	0.00025	0.000125	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	VOCs	0.99	71-55-6	1,1,1-Trichloroethane	0.00024	0.00012	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	VOCs	1.09	71-55-6	1,1,1-Trichloroethane	0.00024	0.00012	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	VOCs	1.04	71-55-6	1,1,1-Trichloroethane	0.00024	0.00012	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	VOCs	1.08	71-55-6	1,1,1-Trichloroethane	0.00024	0.00012	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-2	SA121	SA121009-0.5B	9/25/2009	VOCs	1.02	71-55-6	1,1,1-Trichloroethane	0.00024	0.00012	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	VOCs	1.04	71-55-6	1,1,1-Trichloroethane	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SA151	SA151-0.5B	9/17/2009	VOCs	0.99	71-55-6	1,1,1-Trichloroethane	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SA171	SA171-5B	10/19/2009	VOCs	0.98	71-55-6	1,1,1-Trichloroethane	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-3	SA128	SA128-10B	9/16/2009	VOCs	0.99	71-55-6	1,1,1-Trichloroethane	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	71-55-6	1,1,1-Trichloroethane	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SA85	SA85-0.5B	6/16/2009	VOCs	1.02	71-55-6	1,1,1-Trichloroethane	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-2	SA138	SA138-0.5B	10/6/2009	VOCs	1.03	71-55-6	1,1,1-Trichloroethane	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	71-55-6	1,1,1-Trichloroethane	0.00022	0.00011	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	71-55-6	1,1,1-Trichloroethane	0.00022	0.00011	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	VOCs	0.98	71-55-6	1,1,1-Trichloroethane	0.00022	0.00011	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	71-55-6	1,1,1-Trichloroethane	0.00022	0.00011	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	VOCs	0.97	71-55-6	1,1,1-Trichloroethane	0.00022	0.00011	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	VOCs	0.97	71-55-6	1,1,1-Trichloroethane	0.00022	0.00011	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	71-55-6	1,1,1-Trichloroethane	0.00022	0.00011	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SA186	SA186-0.5B	6/29/2009	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00022	0.00011	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SA62	SA62-0.5B	6/16/2009	VOCs	0.97	71-55-6	1,1,1-Trichloroethane	0.00022	0.00011	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	71-55-6	1,1,1-Trichloroethane	0.00022	0.00011	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SA166	SA166-0.5B	6/11/2009	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00022	0.00011	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SA50	SA50-0.5B	6/30/2009	VOCs	0.97	71-55-6	1,1,1-Trichloroethane	0.00022	0.00011	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	71-55-6	1,1,1-Trichloroethane	0.00022	0.00011	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	VOCs	0.93	71-55-6	1,1,1-Trichloroethane	0.00021	0.000105	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	71-55-6	1,1,1-Trichloroethane	0.00021	0.000105	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	VOCs	0.95	71-55-6	1,1,1-Trichloroethane	0.00021	0.000105	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	RSAO7	RSAO7-9B	10/12/2009	VOCs	0.89	71-55-6	1,1,1-Trichloroethane	0.00021	0.000105	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	VOCs	0.93	71-55-6	1,1,1-Trichloroethane	0.00021	0.000105	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	SA176	SA176-0.5B	6/10/2009	VOCs	0.92	71-55-6	1,1,1-Trichloroethane	0.00021	0.000105	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	SA75	SA75-0.5B	7/17/2009	VOCs	0.91	71-55-6	1,1,1-Trichloroethane	0.00021	0.000105	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	SA152	SA152-0.5B	6/4/2009	VOCs	0.93	71-55-6	1,1,1-Trichloroethane	0.00021	0.000105	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-2	SA28	SA28-0.5B	8/3/2009	VOCs	0.92	71-55-6	1,1,1-Trichloroethane	0.00021	0.000105	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	VOCs	0.91	71-55-6	1,1,1-Trichloroethane	0.0002	0.0001	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	VOCs	0.91	71-55-6	1,1,1-Trichloroethane	0.0002	0.0001	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	VOCs	0.91	71-55-6	1,1,1-Trichloroethane	0.0002	0.0001	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-2	SA147	SA147-0.5B	8/4/2009	VOCs	0.83	71-55-6	1,1,1-Trichloroethane	0.0002	0.0001	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-2	SA146	SA146-0.5B	8/4/2009	VOCs	0.88	71-55-6	1,1,1-Trichloroethane	0.0002	0.0001	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	SA185	SA185-0.5B	6/29/2009	VOCs	0.89	71-55-6	1,1,1-Trichloroethane	0.0002	0.0001	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	SA55	SA55-0.5B	6/10/2009	VOCs	0.89	71-55-6	1,1,1-Trichloroethane	0.0002	0.0001	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	SA152	SA152009-0.5B	6/4/2009	VOCs	0.9	71-55-6	1,1,1-Trichloroethane	0.0002	0.0001	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-3	SA64	SA64-0.5B	6/19/2009	VOCs	0.88	71-55-6	1,1,1-Trichloroethane	0.0002	0.0001	mg/kg	0.04	R4 Inverts	0.005	0.003

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA173	SA173-0.5B	7/27/2009	VOCs	0.9	71-55-6	1,1,1-Trichloroethane	0.0002	0.0001	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	SA92	SA92-0.5B	6/17/2009	VOCs	0.89	71-55-6	1,1,1-Trichloroethane	0.0002	0.0001	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	VOCs	0.91	71-55-6	1,1,1-Trichloroethane	0.0002	0.0001	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	VOCs	0.86	71-55-6	1,1,1-Trichloroethane	0.00019	0.000095	mg/kg	0.04	R4 Inverts	0.005	0.002
DU-2	SA121	SA121-0.5B	9/25/2009	VOCs	0.81	71-55-6	1,1,1-Trichloroethane	0.00019	0.000095	mg/kg	0.04	R4 Inverts	0.005	0.002
DU-1	SA158	SA158-0.5B	6/17/2009	VOCs	0.85	71-55-6	1,1,1-Trichloroethane	0.00019	0.000095	mg/kg	0.04	R4 Inverts	0.005	0.002
DU-1	SA189	SA189-0.5B	6/4/2009	VOCs	0.85	71-55-6	1,1,1-Trichloroethane	0.00019	0.000095	mg/kg	0.04	R4 Inverts	0.005	0.002
DU-1	SA179	SA179-0.5B	7/28/2009	VOCs	0.79	71-55-6	1,1,1-Trichloroethane	0.00019	0.000095	mg/kg	0.04	R4 Inverts	0.005	0.002
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	VOCs	0.74	71-55-6	1,1,1-Trichloroethane	0.00018	0.00009	mg/kg	0.04	R4 Inverts	0.005	0.002
DU-1	SA73	SA73-0.5B	7/29/2009	VOCs	0.77	71-55-6	1,1,1-Trichloroethane	0.00018	0.00009	mg/kg	0.04	R4 Inverts	0.005	0.002
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	VOCs	0.76	71-55-6	1,1,1-Trichloroethane	0.00017	0.000085	mg/kg	0.04	R4 Inverts	0.004	0.002
DU-1	SA74	SA74-0.5B	7/15/2009	VOCs	0.72	71-55-6	1,1,1-Trichloroethane	0.00017	0.000085	mg/kg	0.04	R4 Inverts	0.004	0.002
DU-1	SA69	SA69-0.5B	7/7/2009	VOCs	0.72	71-55-6	1,1,1-Trichloroethane	0.00017	0.000085	mg/kg	0.04	R4 Inverts	0.004	0.002
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	VOCs	0.71	71-55-6	1,1,1-Trichloroethane	0.00016	0.00008	mg/kg	0.04	R4 Inverts	0.004	0.002
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	VOCs	0.68	71-55-6	1,1,1-Trichloroethane	0.00016	0.00008	mg/kg	0.04	R4 Inverts	0.004	0.002
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	VOCs	0.71	71-55-6	1,1,1-Trichloroethane	0.00016	0.00008	mg/kg	0.04	R4 Inverts	0.004	0.002
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00016	0.00008	mg/kg	0.04	R4 Inverts	0.004	0.002
DU-1	SA74	SA74009-0.5B	7/15/2009	VOCs	0.65	71-55-6	1,1,1-Trichloroethane	0.00016	0.00008	mg/kg	0.04	R4 Inverts	0.004	0.002
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00016	0.00008	mg/kg	0.04	R4 Inverts	0.004	0.002
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	VOCs	0.63	71-55-6	1,1,1-Trichloroethane	0.00015	0.000075	mg/kg	0.04	R4 Inverts	0.004	0.002
DU-1	SA72	SA72-0.5B	7/27/2009	VOCs	0.64	71-55-6	1,1,1-Trichloroethane	0.00015	0.000075	mg/kg	0.04	R4 Inverts	0.004	0.002
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00015	0.000075	mg/kg	0.04	R4 Inverts	0.004	0.002
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00015	0.000075	mg/kg	0.04	R4 Inverts	0.004	0.002
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00015	0.000075	mg/kg	0.04	R4 Inverts	0.004	0.002
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00015	0.000075	mg/kg	0.04	R4 Inverts	0.004	0.002
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00015	0.000075	mg/kg	0.04	R4 Inverts	0.004	0.002
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	VOCs	0.6	71-55-6	1,1,1-Trichloroethane	0.00014	0.00007	mg/kg	0.04	R4 Inverts	0.004	0.002
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	VOCs	0.63	71-55-6	1,1,1-Trichloroethane	0.00014	0.00007	mg/kg	0.04	R4 Inverts	0.004	0.002
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	VOCs	0.63	71-55-6	1,1,1-Trichloroethane	0.00014	0.00007	mg/kg	0.04	R4 Inverts	0.004	0.002
DU-1	SA173	SA173009-0.5B	7/27/2009	VOCs	0.58	71-55-6	1,1,1-Trichloroethane	0.00013	0.000065	mg/kg	0.04	R4 Inverts	0.003	0.002
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0062	0.0031	mg/kg	0.127	R4 Mammals	0.05	0.02
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0059	0.00295	mg/kg	0.127	R4 Mammals	0.05	0.02
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0057	0.00285	mg/kg	0.127	R4 Mammals	0.04	0.02
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0056	0.0028	mg/kg	0.127	R4 Mammals	0.04	0.02
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0056	0.0028	mg/kg	0.127	R4 Mammals	0.04	0.02
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0055	0.00275	mg/kg	0.127	R4 Mammals	0.04	0.02
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0055	0.00275	mg/kg	0.127	R4 Mammals	0.04	0.02
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0055	0.00275	mg/kg	0.127	R4 Mammals	0.04	0.02
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0054	0.0027	mg/kg	0.127	R4 Mammals	0.04	0.02
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0053	0.00265	mg/kg	0.127	R4 Mammals	0.04	0.02
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0053	0.00265	mg/kg	0.127	R4 Mammals	0.04	0.02
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0053	0.00265	mg/kg	0.127	R4 Mammals	0.04	0.02
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0053	0.00265	mg/kg	0.127	R4 Mammals	0.04	0.02
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0052	0.0026	mg/kg	0.127	R4 Mammals	0.04	0.02
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	79-34-5	1,1,2,2-Tetrachloroethane	0.0049	0.00245	mg/kg	0.127	R4 Mammals	0.04	0.02
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0019	0.00095	mg/kg	0.127	R4 Mammals	0.01	0.007
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0016	0.0008	mg/kg	0.127	R4 Mammals	0.01	0.006
DU-1	RISB-37	RISB-37-0.5-20141117	11/17/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0012	0.0006	mg/kg	0.127	R4 Mammals	0.009	0.005
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0011	0.00055	mg/kg	0.127	R4 Mammals	0.009	0.004
DU-1	RISB-31	RISB-31-0.5-20141119	11/19/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0011	0.00055	mg/kg	0.127	R4 Mammals	0.009	0.004
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0011	0.00055	mg/kg	0.127	R4 Mammals	0.009	0.004
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0011	0.00055	mg/kg	0.127	R4 Mammals	0.009	0.004

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RISB-30	RISB-30-0.5-20141118	11/18/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RISB-34	RISB-34-0.5-20141119	11/19/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RISB-35	RISB-35-0.5-20141119	11/19/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RISB-53	RISB-53-0.5-20141106	11/6/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RISB-54	RISB-54-0.5-20141117	11/17/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RISB-33	RISB-33-0.5-20141119	11/19/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RISB-36	RISB-36-0.5-20141118	11/18/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RISB-55	RISB-55-0.5-20141114	11/14/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.001	0.0005	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00099	0.000495	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00098	0.00049	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-2	RISB-56	RISB-56-0.5-20141104	11/4/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00098	0.00049	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00097	0.000485	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00096	0.00048	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00096	0.00048	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00096	0.00048	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00096	0.00048	mg/kg	0.127	R4 Mammals	0.008	0.004
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00095	0.000475	mg/kg	0.127	R4 Mammals	0.007	0.004
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00095	0.000475	mg/kg	0.127	R4 Mammals	0.007	0.004
DU-1	RISB-32	RISB-32-0.5-20141120	11/20/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00095	0.000475	mg/kg	0.127	R4 Mammals	0.007	0.004
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00095	0.000475	mg/kg	0.127	R4 Mammals	0.007	0.004
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00094	0.00047	mg/kg	0.127	R4 Mammals	0.007	0.004
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00094	0.00047	mg/kg	0.127	R4 Mammals	0.007	0.004
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00093	0.000465	mg/kg	0.127	R4 Mammals	0.007	0.004
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00088	0.00044	mg/kg	0.127	R4 Mammals	0.007	0.003
DU-2	RISB-57	RISB-57-0.5-20141103	11/3/2014	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00088	0.00044	mg/kg	0.127	R4 Mammals	0.007	0.003
DU-1	SA157	SA157-0.5B	10/20/2009	VOCs	1.89	79-34-5	1,1,2,2-Tetrachloroethane	0.00082	0.00041	mg/kg	0.127	R4 Mammals	0.006	0.003
DU-3	SA65	SA65-10B	8/25/2009	VOCs	1.68	79-34-5	1,1,2,2-Tetrachloroethane	0.00073	0.000365	mg/kg	0.127	R4 Mammals	0.006	0.003
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00059	0.000295	mg/kg	0.127	R4 Mammals	0.005	0.002
DU-2	SA103	SA103-0.5B	10/6/2009	VOCs	1.34	79-34-5	1,1,2,2-Tetrachloroethane	0.00058	0.00029	mg/kg	0.127	R4 Mammals	0.005	0.002
DU-1	SSAN7-06	SSAN7-06-0.5BPC	9/7/2010	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00055	0.000275	mg/kg	0.127	R4 Mammals	0.004	0.002
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	VOCs	1.15	79-34-5	1,1,2,2-Tetrachloroethane	0.00051	0.000255	mg/kg	0.127	R4 Mammals	0.004	0.002
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	VOCs	1.08	79-34-5	1,1,2,2-Tetrachloroethane	0.00051	0.000255	mg/kg	0.127	R4 Mammals	0.004	0.002
DU-1	SA87	SA87-0.5B	6/25/2008	VOCs	1.02	79-34-5	1,1,2,2-Tetrachloroethane	0.00051	0.000255	mg/kg	0.127	R4 Mammals	0.004	0.002

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA180	SA180-0.5BD	6/26/2008	VOCs	0.95	79-34-5	1,1,2,2-Tetrachloroethane	0.00051	0.000255	mg/kg	0.127	R4 Mammals	0.004	0.002
DU-1	SA180	SA180-0.5B	6/26/2008	VOCs	0.91	79-34-5	1,1,2,2-Tetrachloroethane	0.00051	0.000255	mg/kg	0.127	R4 Mammals	0.004	0.002
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	79-34-5	1,1,2,2-Tetrachloroethane	0.00051	0.000255	mg/kg	0.127	R4 Mammals	0.004	0.002
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	VOCs	1.14	79-34-5	1,1,2,2-Tetrachloroethane	0.0005	0.00025	mg/kg	0.127	R4 Mammals	0.004	0.002
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	79-34-5	1,1,2,2-Tetrachloroethane	0.00047	0.000235	mg/kg	0.127	R4 Mammals	0.004	0.002
DU-2	SA116	SA116-0.5B	9/2/2009	VOCs	1.08	79-34-5	1,1,2,2-Tetrachloroethane	0.00047	0.000235	mg/kg	0.127	R4 Mammals	0.004	0.002
DU-1	SSAO7-06	SSAO7-06-0.5BPC	9/27/2010	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00047	0.000235	mg/kg	0.127	R4 Mammals	0.004	0.002
DU-1	SA141	SA141009-14B	10/15/2009	VOCs	1.07	79-34-5	1,1,2,2-Tetrachloroethane	0.00047	0.000235	mg/kg	0.127	R4 Mammals	0.004	0.002
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	VOCs	1.04	79-34-5	1,1,2,2-Tetrachloroethane	0.00046	0.00023	mg/kg	0.127	R4 Mammals	0.004	0.002
DU-2	SA212	SA212-0.5B	9/28/2009	VOCs	1.09	79-34-5	1,1,2,2-Tetrachloroethane	0.00046	0.00023	mg/kg	0.127	R4 Mammals	0.004	0.002
DU-2	SA121	SA121009-0.5B	9/25/2009	VOCs	1.02	79-34-5	1,1,2,2-Tetrachloroethane	0.00045	0.000225	mg/kg	0.127	R4 Mammals	0.004	0.002
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00045	0.000225	mg/kg	0.127	R4 Mammals	0.004	0.002
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	VOCs	1.33	79-34-5	1,1,2,2-Tetrachloroethane	0.00044	0.00022	mg/kg	0.127	R4 Mammals	0.003	0.002
DU-1	SSAO8-05	SSAO8-05-0.5BPC	9/27/2010	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00044	0.00022	mg/kg	0.127	R4 Mammals	0.003	0.002
DU-2	SA138	SA138-0.5B	10/6/2009	VOCs	1.03	79-34-5	1,1,2,2-Tetrachloroethane	0.00044	0.00022	mg/kg	0.127	R4 Mammals	0.003	0.002
DU-1	SA151	SA151-0.5B	9/17/2009	VOCs	0.99	79-34-5	1,1,2,2-Tetrachloroethane	0.00043	0.000215	mg/kg	0.127	R4 Mammals	0.003	0.002
DU-3	SA128	SA128-10B	9/16/2009	VOCs	0.99	79-34-5	1,1,2,2-Tetrachloroethane	0.00043	0.000215	mg/kg	0.127	R4 Mammals	0.003	0.002
DU-1	SA171	SA171-5B	10/19/2009	VOCs	0.98	79-34-5	1,1,2,2-Tetrachloroethane	0.00043	0.000215	mg/kg	0.127	R4 Mammals	0.003	0.002
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00043	0.000215	mg/kg	0.127	R4 Mammals	0.003	0.002
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	VOCs	0.98	79-34-5	1,1,2,2-Tetrachloroethane	0.00042	0.00021	mg/kg	0.127	R4 Mammals	0.003	0.002
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	79-34-5	1,1,2,2-Tetrachloroethane	0.00042	0.00021	mg/kg	0.127	R4 Mammals	0.003	0.002
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00042	0.00021	mg/kg	0.127	R4 Mammals	0.003	0.002
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	79-34-5	1,1,2,2-Tetrachloroethane	0.00042	0.00021	mg/kg	0.127	R4 Mammals	0.003	0.002
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	79-34-5	1,1,2,2-Tetrachloroethane	0.00042	0.00021	mg/kg	0.127	R4 Mammals	0.003	0.002
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	79-34-5	1,1,2,2-Tetrachloroethane	0.0004	0.0002	mg/kg	0.127	R4 Mammals	0.003	0.002
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	79-34-5	1,1,2,2-Tetrachloroethane	0.00042	0.00021	mg/kg	0.127	R4 Mammals	0.003	0.002
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	79-34-5	1,1,2,2-Tetrachloroethane	0.0004	0.0002	mg/kg	0.127	R4 Mammals	0.003	0.002
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	VOCs	0.95	79-34-5	1,1,2,2-Tetrachloroethane	0.0004	0.0002	mg/kg	0.127	R4 Mammals	0.003	0.002
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	VOCs	0.93	79-34-5	1,1,2,2-Tetrachloroethane	0.0004	0.0002	mg/kg	0.127	R4 Mammals	0.003	0.002
DU-2	SA28	SA28-0.5B	8/3/2009	VOCs	0.92	79-34-5	1,1,2,2-Tetrachloroethane	0.0004	0.0002	mg/kg	0.127	R4 Mammals	0.003	0.002
DU-1	SA71	SA71-0.5B	6/16/2009	VOCs	1.2	79-34-5	1,1,2,2-Tetrachloroethane	0.0004	0.0002	mg/kg	0.127	R4 Mammals	0.003	0.002
DU-1	RSAO7	RSAO7-9B	10/12/2009	VOCs	0.89	79-34-5	1,1,2,2-Tetrachloroethane	0.00039	0.000195	mg/kg	0.127	R4 Mammals	0.003	0.002
DU-2	SA146	SA146-0.5B	8/4/2009	VOCs	0.88	79-34-5	1,1,2,2-Tetrachloroethane	0.00038	0.00019	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	SA145	SA145-0.5B	6/12/2009	VOCs	1.14	79-34-5	1,1,2,2-Tetrachloroethane	0.00038	0.00019	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-2	SA147	SA147-0.5B	8/4/2009	VOCs	0.83	79-34-5	1,1,2,2-Tetrachloroethane	0.00037	0.000185	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-3	SA197	SA197-0.5B	6/19/2009	VOCs	1.07	79-34-5	1,1,2,2-Tetrachloroethane	0.00037	0.000185	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	VOCs	0.99	79-34-5	1,1,2,2-Tetrachloroethane	0.00036	0.00018	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	VOCs	1.09	79-34-5	1,1,2,2-Tetrachloroethane	0.00036	0.00018	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	VOCs	1.08	79-34-5	1,1,2,2-Tetrachloroethane	0.00036	0.00018	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-2	SA121	SA121-0.5B	9/25/2009	VOCs	0.81	79-34-5	1,1,2,2-Tetrachloroethane	0.00036	0.00018	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	SSAO8-08	SSAO8-08-0.5BPC	9/27/2010	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00036	0.00018	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00036	0.00018	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	VOCs	1.04	79-34-5	1,1,2,2-Tetrachloroethane	0.00035	0.000175	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	79-34-5	1,1,2,2-Tetrachloroethane	0.00035	0.000175	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00035	0.000175	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00035	0.000175	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	SSAN8-07	SSAN8-07-0.5BPC	9/7/2010	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00035	0.000175	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00035	0.000175	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	SA85	SA85-0.5B	6/16/2009	VOCs	1.02	79-34-5	1,1,2,2-Tetrachloroethane	0.00035	0.000175	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	79-34-5	1,1,2,2-Tetrachloroethane	0.00034	0.00017	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	SA186	SA186-0.5B	6/29/2009	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00034	0.00017	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	SA166	SA166-0.5B	6/11/2009	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00034	0.00017	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	79-34-5	1,1,2,2-Tetrachloroethane	0.00033	0.000165	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	79-34-5	1,1,2,2-Tetrachloroethane	0.00033	0.000165	mg/kg	0.127	R4 Mammals	0.003	0.001

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	VOCs	0.97	79-34-5	1,1,2,2-Tetrachloroethane	0.00033	0.000165	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	VOCs	0.97	79-34-5	1,1,2,2-Tetrachloroethane	0.00033	0.000165	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	SA62	SA62-0.5B	6/16/2009	VOCs	0.97	79-34-5	1,1,2,2-Tetrachloroethane	0.00033	0.000165	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00033	0.000165	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	SA50	SA50-0.5B	6/30/2009	VOCs	0.97	79-34-5	1,1,2,2-Tetrachloroethane	0.00033	0.000165	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	SA75	SA75-0.5B	7/17/2009	VOCs	0.91	79-34-5	1,1,2,2-Tetrachloroethane	0.00032	0.00016	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	SA152	SA152-0.5B	6/4/2009	VOCs	0.93	79-34-5	1,1,2,2-Tetrachloroethane	0.00032	0.00016	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	SA69	SA69-0.5B	7/7/2009	VOCs	0.72	79-34-5	1,1,2,2-Tetrachloroethane	0.00032	0.00016	mg/kg	0.127	R4 Mammals	0.003	0.001
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	VOCs	0.93	79-34-5	1,1,2,2-Tetrachloroethane	0.00031	0.000155	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	VOCs	0.91	79-34-5	1,1,2,2-Tetrachloroethane	0.00031	0.000155	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	VOCs	0.91	79-34-5	1,1,2,2-Tetrachloroethane	0.00031	0.000155	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	SA176	SA176-0.5B	6/10/2009	VOCs	0.92	79-34-5	1,1,2,2-Tetrachloroethane	0.00031	0.000155	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	SA185	SA185-0.5B	6/29/2009	VOCs	0.89	79-34-5	1,1,2,2-Tetrachloroethane	0.00031	0.000155	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-3	SA64	SA64-0.5B	6/19/2009	VOCs	0.88	79-34-5	1,1,2,2-Tetrachloroethane	0.00031	0.000155	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	SA173	SA173-0.5B	7/27/2009	VOCs	0.9	79-34-5	1,1,2,2-Tetrachloroethane	0.00031	0.000155	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	VOCs	0.91	79-34-5	1,1,2,2-Tetrachloroethane	0.00031	0.000155	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	VOCs	0.91	79-34-5	1,1,2,2-Tetrachloroethane	0.0003	0.00015	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	VOCs	0.71	79-34-5	1,1,2,2-Tetrachloroethane	0.0003	0.00015	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	SA55	SA55-0.5B	6/10/2009	VOCs	0.89	79-34-5	1,1,2,2-Tetrachloroethane	0.0003	0.00015	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	SA152	SA152009-0.5B	6/4/2009	VOCs	0.9	79-34-5	1,1,2,2-Tetrachloroethane	0.0003	0.00015	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	SA92	SA92-0.5B	6/17/2009	VOCs	0.89	79-34-5	1,1,2,2-Tetrachloroethane	0.0003	0.00015	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	VOCs	0.86	79-34-5	1,1,2,2-Tetrachloroethane	0.00029	0.000145	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	SA189	SA189-0.5B	6/4/2009	VOCs	0.85	79-34-5	1,1,2,2-Tetrachloroethane	0.00029	0.000145	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	SA158	SA158-0.5B	6/17/2009	VOCs	0.85	79-34-5	1,1,2,2-Tetrachloroethane	0.00028	0.00014	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	SA179	SA179-0.5B	7/28/2009	VOCs	0.79	79-34-5	1,1,2,2-Tetrachloroethane	0.00028	0.00014	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	VOCs	0.74	79-34-5	1,1,2,2-Tetrachloroethane	0.00027	0.000135	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	VOCs	0.63	79-34-5	1,1,2,2-Tetrachloroethane	0.00027	0.000135	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	VOCs	0.63	79-34-5	1,1,2,2-Tetrachloroethane	0.00027	0.000135	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	SA73	SA73-0.5B	7/29/2009	VOCs	0.77	79-34-5	1,1,2,2-Tetrachloroethane	0.00027	0.000135	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	VOCs	0.76	79-34-5	1,1,2,2-Tetrachloroethane	0.00026	0.00013	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	SA74	SA74-0.5B	7/15/2009	VOCs	0.72	79-34-5	1,1,2,2-Tetrachloroethane	0.00026	0.00013	mg/kg	0.127	R4 Mammals	0.002	0.001
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	VOCs	0.71	79-34-5	1,1,2,2-Tetrachloroethane	0.00024	0.00012	mg/kg	0.127	R4 Mammals	0.002	0.0009
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	VOCs	0.68	79-34-5	1,1,2,2-Tetrachloroethane	0.00024	0.00012	mg/kg	0.127	R4 Mammals	0.002	0.0009
DU-1	SA74	SA74009-0.5B	7/15/2009	VOCs	0.65	79-34-5	1,1,2,2-Tetrachloroethane	0.00023	0.000115	mg/kg	0.127	R4 Mammals	0.002	0.0009
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	VOCs	0.63	79-34-5	1,1,2,2-Tetrachloroethane	0.00022	0.00011	mg/kg	0.127	R4 Mammals	0.002	0.0009
DU-1	SA72	SA72-0.5B	7/27/2009	VOCs	0.64	79-34-5	1,1,2,2-Tetrachloroethane	0.00022	0.00011	mg/kg	0.127	R4 Mammals	0.002	0.0009
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	VOCs	0.6	79-34-5	1,1,2,2-Tetrachloroethane	0.00021	0.000105	mg/kg	0.127	R4 Mammals	0.002	0.0008
DU-1	SA173	SA173009-0.5B	7/27/2009	VOCs	0.58	79-34-5	1,1,2,2-Tetrachloroethane	0.0002	0.0001	mg/kg	0.127	R4 Mammals	0.002	0.0008
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00015	0.000075	mg/kg	0.127	R4 Mammals	0.001	0.0006
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00015	0.000075	mg/kg	0.127	R4 Mammals	0.001	0.0006
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00015	0.000075	mg/kg	0.127	R4 Mammals	0.001	0.0006
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00015	0.000075	mg/kg	0.127	R4 Mammals	0.001	0.0006
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00015	0.000075	mg/kg	0.127	R4 Mammals	0.001	0.0006
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00015	0.000075	mg/kg	0.127	R4 Mammals	0.001	0.0006
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00014	0.00007	mg/kg	0.127	R4 Mammals	0.001	0.0006
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0062	0.0031	mg/kg	0.32	R4 Inverts	0.02	0.01
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0059	0.00295	mg/kg	0.32	R4 Inverts	0.02	0.009
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0057	0.00285	mg/kg	0.32	R4 Inverts	0.02	0.009
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0056	0.0028	mg/kg	0.32	R4 Inverts	0.02	0.009
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0056	0.0028	mg/kg	0.32	R4 Inverts	0.02	0.009
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0055	0.00275	mg/kg	0.32	R4 Inverts	0.02	0.009
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0055	0.00275	mg/kg	0.32	R4 Inverts	0.02	0.009

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0055	0.00275	mg/kg	0.32	R4 Inverts	0.02	0.009
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0054	0.0027	mg/kg	0.32	R4 Inverts	0.02	0.008
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0053	0.00265	mg/kg	0.32	R4 Inverts	0.02	0.008
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0053	0.00265	mg/kg	0.32	R4 Inverts	0.02	0.008
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0053	0.00265	mg/kg	0.32	R4 Inverts	0.02	0.008
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0053	0.00265	mg/kg	0.32	R4 Inverts	0.02	0.008
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0052	0.0026	mg/kg	0.32	R4 Inverts	0.02	0.008
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	79-00-5	1,1,2-Trichloroethane	0.0049	0.00245	mg/kg	0.32	R4 Inverts	0.02	0.008
DU-1	SA157	SA157-0.5B	10/20/2009	VOCs	1.89	79-00-5	1,1,2-Trichloroethane	0.0012	0.0006	mg/kg	0.32	R4 Inverts	0.004	0.002
DU-3	SA65	SA65-10B	8/25/2009	VOCs	1.68	79-00-5	1,1,2-Trichloroethane	0.0011	0.00055	mg/kg	0.32	R4 Inverts	0.003	0.002
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00097	0.000485	mg/kg	0.32	R4 Inverts	0.003	0.002
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00085	0.000425	mg/kg	0.32	R4 Inverts	0.003	0.001
DU-2	SA103	SA103-0.5B	10/6/2009	VOCs	1.34	79-00-5	1,1,2-Trichloroethane	0.00083	0.000415	mg/kg	0.32	R4 Inverts	0.003	0.001
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00082	0.00041	mg/kg	0.32	R4 Inverts	0.003	0.001
DU-1	SSAN7-06	SSAN7-06-0.5BPC	9/7/2010	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00079	0.000395	mg/kg	0.32	R4 Inverts	0.002	0.001
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	VOCs	1.14	79-00-5	1,1,2-Trichloroethane	0.00072	0.00036	mg/kg	0.32	R4 Inverts	0.002	0.001
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	79-00-5	1,1,2-Trichloroethane	0.00069	0.000345	mg/kg	0.32	R4 Inverts	0.002	0.001
DU-2	SA116	SA116-0.5B	9/2/2009	VOCs	1.08	79-00-5	1,1,2-Trichloroethane	0.00068	0.00034	mg/kg	0.32	R4 Inverts	0.002	0.001
DU-1	SSAO7-06	SSAO7-06-0.5BPC	9/27/2010	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00068	0.00034	mg/kg	0.32	R4 Inverts	0.002	0.001
DU-2	SA212	SA212-0.5B	9/28/2009	VOCs	1.09	79-00-5	1,1,2-Trichloroethane	0.00067	0.000335	mg/kg	0.32	R4 Inverts	0.002	0.001
DU-1	SA141	SA141009-14B	10/15/2009	VOCs	1.07	79-00-5	1,1,2-Trichloroethane	0.00067	0.000335	mg/kg	0.32	R4 Inverts	0.002	0.001
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	VOCs	1.04	79-00-5	1,1,2-Trichloroethane	0.00066	0.00033	mg/kg	0.32	R4 Inverts	0.002	0.001
DU-2	SA121	SA121009-0.5B	9/25/2009	VOCs	1.02	79-00-5	1,1,2-Trichloroethane	0.00065	0.000325	mg/kg	0.32	R4 Inverts	0.002	0.001
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00065	0.000325	mg/kg	0.32	R4 Inverts	0.002	0.001
DU-2	SA138	SA138-0.5B	10/6/2009	VOCs	1.03	79-00-5	1,1,2-Trichloroethane	0.00064	0.00032	mg/kg	0.32	R4 Inverts	0.002	0.001
DU-3	SA128	SA128-10B	9/16/2009	VOCs	0.99	79-00-5	1,1,2-Trichloroethane	0.00063	0.000315	mg/kg	0.32	R4 Inverts	0.002	0.001
DU-1	SSAO8-05	SSAO8-05-0.5BPC	9/27/2010	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00063	0.000315	mg/kg	0.32	R4 Inverts	0.002	0.001
DU-1	SA151	SA151-0.5B	9/17/2009	VOCs	0.99	79-00-5	1,1,2-Trichloroethane	0.00062	0.00031	mg/kg	0.32	R4 Inverts	0.002	0.001
DU-1	SA171	SA171-5B	10/19/2009	VOCs	0.98	79-00-5	1,1,2-Trichloroethane	0.00062	0.00031	mg/kg	0.32	R4 Inverts	0.002	0.001
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00062	0.00031	mg/kg	0.32	R4 Inverts	0.002	0.001
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	79-00-5	1,1,2-Trichloroethane	0.00061	0.000305	mg/kg	0.32	R4 Inverts	0.002	0.001
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00061	0.000305	mg/kg	0.32	R4 Inverts	0.002	0.001
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	79-00-5	1,1,2-Trichloroethane	0.00061	0.000305	mg/kg	0.32	R4 Inverts	0.002	0.001
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	79-00-5	1,1,2-Trichloroethane	0.00061	0.000305	mg/kg	0.32	R4 Inverts	0.002	0.001
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	VOCs	0.98	79-00-5	1,1,2-Trichloroethane	0.0006	0.0003	mg/kg	0.32	R4 Inverts	0.002	0.0009
DU-1	RISB-37	RISB-37-0.5-20141117	11/17/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00058	0.00029	mg/kg	0.32	R4 Inverts	0.002	0.0009
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	VOCs	0.95	79-00-5	1,1,2-Trichloroethane	0.00058	0.00029	mg/kg	0.32	R4 Inverts	0.002	0.0009
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	VOCs	0.93	79-00-5	1,1,2-Trichloroethane	0.00058	0.00029	mg/kg	0.32	R4 Inverts	0.002	0.0009
DU-2	SA28	SA28-0.5B	8/3/2009	VOCs	0.92	79-00-5	1,1,2-Trichloroethane	0.00058	0.00029	mg/kg	0.32	R4 Inverts	0.002	0.0009
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	79-00-5	1,1,2-Trichloroethane	0.00057	0.000285	mg/kg	0.32	R4 Inverts	0.002	0.0009
DU-1	RSAO7	RSAO7-9B	10/12/2009	VOCs	0.89	79-00-5	1,1,2-Trichloroethane	0.00056	0.00028	mg/kg	0.32	R4 Inverts	0.002	0.0009
DU-2	SA146	SA146-0.5B	8/4/2009	VOCs	0.88	79-00-5	1,1,2-Trichloroethane	0.00055	0.000275	mg/kg	0.32	R4 Inverts	0.002	0.0009
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00055	0.000275	mg/kg	0.32	R4 Inverts	0.002	0.0009
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00054	0.00027	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RISB-31	RISB-31-0.5-20141119	11/19/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00054	0.00027	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-2	SA147	SA147-0.5B	8/4/2009	VOCs	0.83	79-00-5	1,1,2-Trichloroethane	0.00054	0.00027	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00053	0.000265	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00052	0.00026	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00052	0.00026	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00052	0.00026	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00052	0.00026	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-2	SA121	SA121-0.5B	9/25/2009	VOCs	0.81	79-00-5	1,1,2-Trichloroethane	0.00052	0.00026	mg/kg	0.32	R4 Inverts	0.002	0.0008

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SSAO8-08	SSAO8-08-0.5BPC	9/27/2010	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00052	0.00026	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00052	0.00026	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00052	0.00026	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00051	0.000255	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RISB-30	RISB-30-0.5-20141118	11/18/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00051	0.000255	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RISB-35	RISB-35-0.5-20141119	11/19/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00051	0.000255	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RISB-54	RISB-54-0.5-20141117	11/17/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00051	0.000255	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RISB-33	RISB-33-0.5-20141119	11/19/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00051	0.000255	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00051	0.000255	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RISB-36	RISB-36-0.5-20141118	11/18/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00051	0.000255	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00051	0.000255	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00051	0.000255	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00051	0.000255	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00051	0.000255	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00051	0.000255	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00051	0.000255	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	SSAN8-07	SSAN8-07-0.5BPC	9/7/2010	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00051	0.000255	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00051	0.000255	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00051	0.000255	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00051	0.000255	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00051	0.000255	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00051	0.000255	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0005	0.00025	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0005	0.00025	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0005	0.00025	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RISB-34	RISB-34-0.5-20141119	11/19/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0005	0.00025	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0005	0.00025	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RISB-53	RISB-53-0.5-20141106	11/6/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0005	0.00025	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RISB-55	RISB-55-0.5-20141114	11/14/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0005	0.00025	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0005	0.00025	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00049	0.000245	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-2	RISB-56	RISB-56-0.5-20141104	11/4/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00049	0.000245	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00048	0.00024	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00048	0.00024	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00048	0.00024	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00048	0.00024	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00048	0.00024	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00048	0.00024	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00048	0.00024	mg/kg	0.32	R4 Inverts	0.002	0.0008
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00047	0.000235	mg/kg	0.32	R4 Inverts	0.001	0.0007
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00047	0.000235	mg/kg	0.32	R4 Inverts	0.001	0.0007
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00047	0.000235	mg/kg	0.32	R4 Inverts	0.001	0.0007
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00047	0.000235	mg/kg	0.32	R4 Inverts	0.001	0.0007
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00047	0.000235	mg/kg	0.32	R4 Inverts	0.001	0.0007
DU-1	RISB-32	RISB-32-0.5-20141120	11/20/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00047	0.000235	mg/kg	0.32	R4 Inverts	0.001	0.0007
DU-1	SA69	SA69-0.5B	7/7/2009	VOCs	0.72	79-00-5	1,1,2-Trichloroethane	0.00046	0.00023	mg/kg	0.32	R4 Inverts	0.001	0.0007
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00044	0.00022	mg/kg	0.32	R4 Inverts	0.001	0.0007
DU-2	RISB-57	RISB-57-0.5-20141103	11/3/2014	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00044	0.00022	mg/kg	0.32	R4 Inverts	0.001	0.0007
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	VOCs	0.71	79-00-5	1,1,2-Trichloroethane	0.00043	0.000215	mg/kg	0.32	R4 Inverts	0.001	0.0007
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	VOCs	0.63	79-00-5	1,1,2-Trichloroethane	0.00039	0.000195	mg/kg	0.32	R4 Inverts	0.001	0.0006
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	VOCs	0.63	79-00-5	1,1,2-Trichloroethane	0.00039	0.000195	mg/kg	0.32	R4 Inverts	0.001	0.0006
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	VOCs	1.33	79-00-5	1,1,2-Trichloroethane	0.00032	0.00016	mg/kg	0.32	R4 Inverts	0.001	0.0005

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00031	0.000155	mg/kg	0.32	R4 Inverts	0.001	0.0005
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0003	0.00015	mg/kg	0.32	R4 Inverts	0.0009	0.0005
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0003	0.00015	mg/kg	0.32	R4 Inverts	0.0009	0.0005
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00029	0.000145	mg/kg	0.32	R4 Inverts	0.0009	0.0005
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00029	0.000145	mg/kg	0.32	R4 Inverts	0.0009	0.0005
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00029	0.000145	mg/kg	0.32	R4 Inverts	0.0009	0.0005
DU-1	SA71	SA71-0.5B	6/16/2009	VOCs	1.2	79-00-5	1,1,2-Trichloroethane	0.00029	0.000145	mg/kg	0.32	R4 Inverts	0.0009	0.0005
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00029	0.000145	mg/kg	0.32	R4 Inverts	0.0009	0.0005
DU-3	SA197	SA197-0.5B	6/19/2009	VOCs	1.07	79-00-5	1,1,2-Trichloroethane	0.00027	0.000135	mg/kg	0.32	R4 Inverts	0.0008	0.0004
DU-1	SA145	SA145-0.5B	6/12/2009	VOCs	1.14	79-00-5	1,1,2-Trichloroethane	0.00027	0.000135	mg/kg	0.32	R4 Inverts	0.0008	0.0004
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	VOCs	0.99	79-00-5	1,1,2-Trichloroethane	0.00026	0.00013	mg/kg	0.32	R4 Inverts	0.0008	0.0004
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	VOCs	1.09	79-00-5	1,1,2-Trichloroethane	0.00026	0.00013	mg/kg	0.32	R4 Inverts	0.0008	0.0004
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	VOCs	1.08	79-00-5	1,1,2-Trichloroethane	0.00026	0.00013	mg/kg	0.32	R4 Inverts	0.0008	0.0004
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	79-00-5	1,1,2-Trichloroethane	0.00025	0.000125	mg/kg	0.32	R4 Inverts	0.0008	0.0004
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	VOCs	1.04	79-00-5	1,1,2-Trichloroethane	0.00025	0.000125	mg/kg	0.32	R4 Inverts	0.0008	0.0004
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	79-00-5	1,1,2-Trichloroethane	0.00025	0.000125	mg/kg	0.32	R4 Inverts	0.0008	0.0004
DU-1	SA186	SA186-0.5B	6/29/2009	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00025	0.000125	mg/kg	0.32	R4 Inverts	0.0008	0.0004
DU-1	SA166	SA166-0.5B	6/11/2009	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00025	0.000125	mg/kg	0.32	R4 Inverts	0.0008	0.0004
DU-1	SA85	SA85-0.5B	6/16/2009	VOCs	1.02	79-00-5	1,1,2-Trichloroethane	0.00025	0.000125	mg/kg	0.32	R4 Inverts	0.0008	0.0004
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	79-00-5	1,1,2-Trichloroethane	0.00024	0.00012	mg/kg	0.32	R4 Inverts	0.0008	0.0004
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	79-00-5	1,1,2-Trichloroethane	0.00024	0.00012	mg/kg	0.32	R4 Inverts	0.0008	0.0004
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	VOCs	0.97	79-00-5	1,1,2-Trichloroethane	0.00024	0.00012	mg/kg	0.32	R4 Inverts	0.0008	0.0004
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	VOCs	0.97	79-00-5	1,1,2-Trichloroethane	0.00024	0.00012	mg/kg	0.32	R4 Inverts	0.0008	0.0004
DU-1	SA62	SA62-0.5B	6/16/2009	VOCs	0.97	79-00-5	1,1,2-Trichloroethane	0.00024	0.00012	mg/kg	0.32	R4 Inverts	0.0008	0.0004
DU-1	SA50	SA50-0.5B	6/30/2009	VOCs	0.97	79-00-5	1,1,2-Trichloroethane	0.00024	0.00012	mg/kg	0.32	R4 Inverts	0.0008	0.0004
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	VOCs	0.93	79-00-5	1,1,2-Trichloroethane	0.00023	0.000115	mg/kg	0.32	R4 Inverts	0.0007	0.0004
DU-1	SA176	SA176-0.5B	6/10/2009	VOCs	0.92	79-00-5	1,1,2-Trichloroethane	0.00023	0.000115	mg/kg	0.32	R4 Inverts	0.0007	0.0004
DU-1	SA152	SA152-0.5B	6/4/2009	VOCs	0.93	79-00-5	1,1,2-Trichloroethane	0.00023	0.000115	mg/kg	0.32	R4 Inverts	0.0007	0.0004
DU-1	SA75	SA75-0.5B	7/17/2009	VOCs	0.91	79-00-5	1,1,2-Trichloroethane	0.00023	0.000115	mg/kg	0.32	R4 Inverts	0.0007	0.0004
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	VOCs	1.15	79-00-5	1,1,2-Trichloroethane	0.00022	0.00011	mg/kg	0.32	R4 Inverts	0.0007	0.0003
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	VOCs	0.91	79-00-5	1,1,2-Trichloroethane	0.00022	0.00011	mg/kg	0.32	R4 Inverts	0.0007	0.0003
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	VOCs	0.91	79-00-5	1,1,2-Trichloroethane	0.00022	0.00011	mg/kg	0.32	R4 Inverts	0.0007	0.0003
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	VOCs	1.08	79-00-5	1,1,2-Trichloroethane	0.00022	0.00011	mg/kg	0.32	R4 Inverts	0.0007	0.0003
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	VOCs	0.91	79-00-5	1,1,2-Trichloroethane	0.00022	0.00011	mg/kg	0.32	R4 Inverts	0.0007	0.0003
DU-1	SA185	SA185-0.5B	6/29/2009	VOCs	0.89	79-00-5	1,1,2-Trichloroethane	0.00022	0.00011	mg/kg	0.32	R4 Inverts	0.0007	0.0003
DU-1	SA55	SA55-0.5B	6/10/2009	VOCs	0.89	79-00-5	1,1,2-Trichloroethane	0.00022	0.00011	mg/kg	0.32	R4 Inverts	0.0007	0.0003
DU-1	SA152	SA152009-0.5B	6/4/2009	VOCs	0.9	79-00-5	1,1,2-Trichloroethane	0.00022	0.00011	mg/kg	0.32	R4 Inverts	0.0007	0.0003
DU-3	SA64	SA64-0.5B	6/19/2009	VOCs	0.88	79-00-5	1,1,2-Trichloroethane	0.00022	0.00011	mg/kg	0.32	R4 Inverts	0.0007	0.0003
DU-1	SA173	SA173-0.5B	7/27/2009	VOCs	0.9	79-00-5	1,1,2-Trichloroethane	0.00022	0.00011	mg/kg	0.32	R4 Inverts	0.0007	0.0003
DU-1	SA87	SA87-0.5B	6/25/2008	VOCs	1.02	79-00-5	1,1,2-Trichloroethane	0.00022	0.00011	mg/kg	0.32	R4 Inverts	0.0007	0.0003
DU-1	SA180	SA180-0.5BD	6/26/2008	VOCs	0.95	79-00-5	1,1,2-Trichloroethane	0.00022	0.00011	mg/kg	0.32	R4 Inverts	0.0007	0.0003
DU-1	SA180	SA180-0.5B	6/26/2008	VOCs	0.91	79-00-5	1,1,2-Trichloroethane	0.00022	0.00011	mg/kg	0.32	R4 Inverts	0.0007	0.0003
DU-1	SA92	SA92-0.5B	6/17/2009	VOCs	0.89	79-00-5	1,1,2-Trichloroethane	0.00022	0.00011	mg/kg	0.32	R4 Inverts	0.0007	0.0003
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	VOCs	0.91	79-00-5	1,1,2-Trichloroethane	0.00022	0.00011	mg/kg	0.32	R4 Inverts	0.0007	0.0003
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	79-00-5	1,1,2-Trichloroethane	0.00022	0.00011	mg/kg	0.32	R4 Inverts	0.0007	0.0003
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	VOCs	0.86	79-00-5	1,1,2-Trichloroethane	0.00021	0.000105	mg/kg	0.32	R4 Inverts	0.0007	0.0003
DU-1	SA158	SA158-0.5B	6/17/2009	VOCs	0.85	79-00-5	1,1,2-Trichloroethane	0.00021	0.000105	mg/kg	0.32	R4 Inverts	0.0007	0.0003
DU-1	SA189	SA189-0.5B	6/4/2009	VOCs	0.85	79-00-5	1,1,2-Trichloroethane	0.00021	0.000105	mg/kg	0.32	R4 Inverts	0.0007	0.0003
DU-1	SA179	SA179-0.5B	7/28/2009	VOCs	0.79	79-00-5	1,1,2-Trichloroethane	0.00021	0.000105	mg/kg	0.32	R4 Inverts	0.0007	0.0003
DU-1	SA73	SA73-0.5B	7/29/2009	VOCs	0.77	79-00-5	1,1,2-Trichloroethane	0.0002	0.0001	mg/kg	0.32	R4 Inverts	0.0006	0.0003
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	VOCs	0.76	79-00-5	1,1,2-Trichloroethane	0.00019	0.000095	mg/kg	0.32	R4 Inverts	0.0006	0.0003
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	VOCs	0.74	79-00-5	1,1,2-Trichloroethane	0.00019	0.000095	mg/kg	0.32	R4 Inverts	0.0006	0.0003

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA74	SA74-0.5B	7/15/2009	VOCs	0.72	79-00-5	1,1,2-Trichloroethane	0.00019	0.000095	mg/kg	0.32	R4 Inverts	0.0006	0.0003
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	VOCs	0.71	79-00-5	1,1,2-Trichloroethane	0.00017	0.000085	mg/kg	0.32	R4 Inverts	0.0005	0.0003
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	VOCs	0.68	79-00-5	1,1,2-Trichloroethane	0.00017	0.000085	mg/kg	0.32	R4 Inverts	0.0005	0.0003
DU-1	SA74	SA74009-0.5B	7/15/2009	VOCs	0.65	79-00-5	1,1,2-Trichloroethane	0.00017	0.000085	mg/kg	0.32	R4 Inverts	0.0005	0.0003
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	VOCs	0.63	79-00-5	1,1,2-Trichloroethane	0.00016	0.00008	mg/kg	0.32	R4 Inverts	0.0005	0.0003
DU-1	SA72	SA72-0.5B	7/27/2009	VOCs	0.64	79-00-5	1,1,2-Trichloroethane	0.00016	0.00008	mg/kg	0.32	R4 Inverts	0.0005	0.0003
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	VOCs	0.6	79-00-5	1,1,2-Trichloroethane	0.00015	0.000075	mg/kg	0.32	R4 Inverts	0.0005	0.0002
DU-1	SA173	SA173009-0.5B	7/27/2009	VOCs	0.58	79-00-5	1,1,2-Trichloroethane	0.00015	0.000075	mg/kg	0.32	R4 Inverts	0.0005	0.0002
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	75-34-3	1,1-Dichloroethane	0.0062	0.0031	mg/kg	0.14	R4 Inverts	0.04	0.02
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	75-34-3	1,1-Dichloroethane	0.0059	0.00295	mg/kg	0.14	R4 Inverts	0.04	0.02
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	75-34-3	1,1-Dichloroethane	0.0057	0.00285	mg/kg	0.14	R4 Inverts	0.04	0.02
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	75-34-3	1,1-Dichloroethane	0.0056	0.0028	mg/kg	0.14	R4 Inverts	0.04	0.02
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	75-34-3	1,1-Dichloroethane	0.0056	0.0028	mg/kg	0.14	R4 Inverts	0.04	0.02
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	75-34-3	1,1-Dichloroethane	0.0055	0.00275	mg/kg	0.14	R4 Inverts	0.04	0.02
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	75-34-3	1,1-Dichloroethane	0.0055	0.00275	mg/kg	0.14	R4 Inverts	0.04	0.02
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	75-34-3	1,1-Dichloroethane	0.0055	0.00275	mg/kg	0.14	R4 Inverts	0.04	0.02
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	75-34-3	1,1-Dichloroethane	0.0054	0.0027	mg/kg	0.14	R4 Inverts	0.04	0.02
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	75-34-3	1,1-Dichloroethane	0.0053	0.00265	mg/kg	0.14	R4 Inverts	0.04	0.02
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	75-34-3	1,1-Dichloroethane	0.0053	0.00265	mg/kg	0.14	R4 Inverts	0.04	0.02
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	75-34-3	1,1-Dichloroethane	0.0053	0.00265	mg/kg	0.14	R4 Inverts	0.04	0.02
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	75-34-3	1,1-Dichloroethane	0.0053	0.00265	mg/kg	0.14	R4 Inverts	0.04	0.02
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	75-34-3	1,1-Dichloroethane	0.0052	0.0026	mg/kg	0.14	R4 Inverts	0.04	0.02
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	75-34-3	1,1-Dichloroethane	0.0049	0.00245	mg/kg	0.14	R4 Inverts	0.04	0.02
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	75-34-3	1,1-Dichloroethane	0.001	0.0005	mg/kg	0.14	R4 Inverts	0.007	0.004
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	75-34-3	1,1-Dichloroethane	0.001	0.0005	mg/kg	0.14	R4 Inverts	0.007	0.004
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	75-34-3	1,1-Dichloroethane	0.001	0.0005	mg/kg	0.14	R4 Inverts	0.007	0.004
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	75-34-3	1,1-Dichloroethane	0.00099	0.000495	mg/kg	0.14	R4 Inverts	0.007	0.004
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	75-34-3	1,1-Dichloroethane	0.00098	0.00049	mg/kg	0.14	R4 Inverts	0.007	0.004
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	75-34-3	1,1-Dichloroethane	0.00098	0.00049	mg/kg	0.14	R4 Inverts	0.007	0.004
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00097	0.000485	mg/kg	0.14	R4 Inverts	0.007	0.003
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	75-34-3	1,1-Dichloroethane	0.00096	0.00048	mg/kg	0.14	R4 Inverts	0.007	0.003
DU-1	SA157	SA157-0.5B	10/20/2009	VOCs	1.89	75-34-3	1,1-Dichloroethane	0.00094	0.00047	mg/kg	0.14	R4 Inverts	0.007	0.003
DU-3	SA65	SA65-10B	8/25/2009	VOCs	1.68	75-34-3	1,1-Dichloroethane	0.00084	0.00042	mg/kg	0.14	R4 Inverts	0.006	0.003
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00082	0.00041	mg/kg	0.14	R4 Inverts	0.006	0.003
DU-2	SA103	SA103-0.5B	10/6/2009	VOCs	1.34	75-34-3	1,1-Dichloroethane	0.00066	0.00033	mg/kg	0.14	R4 Inverts	0.005	0.002
DU-1	RISB-37	RISB-37-0.5-20141117	11/17/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00058	0.00029	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	VOCs	1.14	75-34-3	1,1-Dichloroethane	0.00057	0.000285	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00055	0.000275	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00054	0.00027	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RISB-31	RISB-31-0.5-20141119	11/19/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00054	0.00027	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	75-34-3	1,1-Dichloroethane	0.00054	0.00027	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-2	SA116	SA116-0.5B	9/2/2009	VOCs	1.08	75-34-3	1,1-Dichloroethane	0.00054	0.00027	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-2	SA212	SA212-0.5B	9/28/2009	VOCs	1.09	75-34-3	1,1-Dichloroethane	0.00053	0.000265	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00053	0.000265	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	SA141	SA141009-14B	10/15/2009	VOCs	1.07	75-34-3	1,1-Dichloroethane	0.00053	0.000265	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	VOCs	1	75-34-3	1,1-Dichloroethane	0.00052	0.00026	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00052	0.00026	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00052	0.00026	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	VOCs	1.04	75-34-3	1,1-Dichloroethane	0.00052	0.00026	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00052	0.00026	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-2	SA121	SA121009-0.5B	9/25/2009	VOCs	1.02	75-34-3	1,1-Dichloroethane	0.00052	0.00026	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00052	0.00026	mg/kg	0.14	R4 Inverts	0.004	0.002

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	VOCs	1	75-34-3	1,1-Dichloroethane	0.00051	0.000255	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RISB-30	RISB-30-0.5-20141118	11/18/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00051	0.000255	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RISB-35	RISB-35-0.5-20141119	11/19/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00051	0.000255	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RISB-54	RISB-54-0.5-20141117	11/17/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00051	0.000255	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RISB-33	RISB-33-0.5-20141119	11/19/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00051	0.000255	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00051	0.000255	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RISB-36	RISB-36-0.5-20141118	11/18/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00051	0.000255	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00051	0.000255	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00051	0.000255	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00051	0.000255	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00051	0.000255	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00051	0.000255	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00051	0.000255	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00051	0.000255	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00051	0.000255	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-2	SA138	SA138-0.5B	10/6/2009	VOCs	1.03	75-34-3	1,1-Dichloroethane	0.00051	0.000255	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	75-34-3	1,1-Dichloroethane	0.0005	0.00025	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	75-34-3	1,1-Dichloroethane	0.0005	0.00025	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	VOCs	1	75-34-3	1,1-Dichloroethane	0.0005	0.00025	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.0005	0.00025	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RISB-34	RISB-34-0.5-20141119	11/19/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.0005	0.00025	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RISB-53	RISB-53-0.5-20141106	11/6/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.0005	0.00025	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-3	SA128	SA128-10B	9/16/2009	VOCs	0.99	75-34-3	1,1-Dichloroethane	0.0005	0.00025	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RISB-55	RISB-55-0.5-20141114	11/14/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.0005	0.00025	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.0005	0.00025	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00049	0.000245	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	SA151	SA151-0.5B	9/17/2009	VOCs	0.99	75-34-3	1,1-Dichloroethane	0.00049	0.000245	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	SA171	SA171-5B	10/19/2009	VOCs	0.98	75-34-3	1,1-Dichloroethane	0.00049	0.000245	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	75-34-3	1,1-Dichloroethane	0.00049	0.000245	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-2	RISB-56	RISB-56-0.5-20141104	11/4/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00049	0.000245	mg/kg	0.14	R4 Inverts	0.004	0.002
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00048	0.00024	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00048	0.00024	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00048	0.00024	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00048	0.00024	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	VOCs	0.98	75-34-3	1,1-Dichloroethane	0.00048	0.00024	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	75-34-3	1,1-Dichloroethane	0.00048	0.00024	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00048	0.00024	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00048	0.00024	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00048	0.00024	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	75-34-3	1,1-Dichloroethane	0.00048	0.00024	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	VOCs	1	75-34-3	1,1-Dichloroethane	0.00047	0.000235	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	VOCs	1	75-34-3	1,1-Dichloroethane	0.00047	0.000235	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00047	0.000235	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00047	0.000235	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-1	RISB-32	RISB-32-0.5-20141120	11/20/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00047	0.000235	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	75-34-3	1,1-Dichloroethane	0.00046	0.00023	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	VOCs	0.95	75-34-3	1,1-Dichloroethane	0.00046	0.00023	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	VOCs	0.93	75-34-3	1,1-Dichloroethane	0.00046	0.00023	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-2	SA28	SA28-0.5B	8/3/2009	VOCs	0.92	75-34-3	1,1-Dichloroethane	0.00046	0.00023	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-1	RSAO7	RSAO7-9B	10/12/2009	VOCs	0.89	75-34-3	1,1-Dichloroethane	0.00045	0.000225	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	VOCs	1	75-34-3	1,1-Dichloroethane	0.00044	0.00022	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-2	RISB-57	RISB-57-0.5-20141103	11/3/2014	VOCs	1	75-34-3	1,1-Dichloroethane	0.00044	0.00022	mg/kg	0.14	R4 Inverts	0.003	0.002

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	SA146	SA146-0.5B	8/4/2009	VOCs	0.88	75-34-3	1,1-Dichloroethane	0.00044	0.00022	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-2	SA147	SA147-0.5B	8/4/2009	VOCs	0.83	75-34-3	1,1-Dichloroethane	0.00043	0.000215	mg/kg	0.14	R4 Inverts	0.003	0.002
DU-2	SA121	SA121-0.5B	9/25/2009	VOCs	0.81	75-34-3	1,1-Dichloroethane	0.00041	0.000205	mg/kg	0.14	R4 Inverts	0.003	0.001
DU-1	SA69	SA69-0.5B	7/7/2009	VOCs	0.72	75-34-3	1,1-Dichloroethane	0.00037	0.000185	mg/kg	0.14	R4 Inverts	0.003	0.001
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	VOCs	0.71	75-34-3	1,1-Dichloroethane	0.00034	0.00017	mg/kg	0.14	R4 Inverts	0.002	0.001
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	VOCs	0.63	75-34-3	1,1-Dichloroethane	0.00031	0.000155	mg/kg	0.14	R4 Inverts	0.002	0.001
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	VOCs	0.63	75-34-3	1,1-Dichloroethane	0.00031	0.000155	mg/kg	0.14	R4 Inverts	0.002	0.001
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	VOCs	1.15	75-34-3	1,1-Dichloroethane	0.00024	0.00012	mg/kg	0.14	R4 Inverts	0.002	0.0009
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	VOCs	1.08	75-34-3	1,1-Dichloroethane	0.00024	0.00012	mg/kg	0.14	R4 Inverts	0.002	0.0009
DU-1	SA87	SA87-0.5B	6/25/2008	VOCs	1.02	75-34-3	1,1-Dichloroethane	0.00024	0.00012	mg/kg	0.14	R4 Inverts	0.002	0.0009
DU-1	SA180	SA180-0.5BD	6/26/2008	VOCs	0.95	75-34-3	1,1-Dichloroethane	0.00024	0.00012	mg/kg	0.14	R4 Inverts	0.002	0.0009
DU-1	SA180	SA180-0.5B	6/26/2008	VOCs	0.91	75-34-3	1,1-Dichloroethane	0.00024	0.00012	mg/kg	0.14	R4 Inverts	0.002	0.0009
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	75-34-3	1,1-Dichloroethane	0.00024	0.00012	mg/kg	0.14	R4 Inverts	0.002	0.0009
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	VOCs	1.33	75-34-3	1,1-Dichloroethane	0.00022	0.00011	mg/kg	0.14	R4 Inverts	0.002	0.0008
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	VOCs	1	75-34-3	1,1-Dichloroethane	0.0002	0.0001	mg/kg	0.14	R4 Inverts	0.001	0.0007
DU-1	SA71	SA71-0.5B	6/16/2009	VOCs	1.2	75-34-3	1,1-Dichloroethane	0.0002	0.0001	mg/kg	0.14	R4 Inverts	0.001	0.0007
DU-3	SA197	SA197-0.5B	6/19/2009	VOCs	1.07	75-34-3	1,1-Dichloroethane	0.00019	0.000095	mg/kg	0.14	R4 Inverts	0.001	0.0007
DU-1	SA145	SA145-0.5B	6/12/2009	VOCs	1.14	75-34-3	1,1-Dichloroethane	0.00019	0.000095	mg/kg	0.14	R4 Inverts	0.001	0.0007
DU-1	SSAN7-06	SSAN7-06-0.5BPC	9/7/2010	VOCs	1	75-34-3	1,1-Dichloroethane	0.00019	0.000095	mg/kg	0.14	R4 Inverts	0.001	0.0007
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	VOCs	0.99	75-34-3	1,1-Dichloroethane	0.00018	0.00009	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	VOCs	1.09	75-34-3	1,1-Dichloroethane	0.00018	0.00009	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	VOCs	1.04	75-34-3	1,1-Dichloroethane	0.00018	0.00009	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	VOCs	1.08	75-34-3	1,1-Dichloroethane	0.00018	0.00009	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	75-34-3	1,1-Dichloroethane	0.00018	0.00009	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	SA85	SA85-0.5B	6/16/2009	VOCs	1.02	75-34-3	1,1-Dichloroethane	0.00018	0.00009	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	75-34-3	1,1-Dichloroethane	0.00017	0.000085	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	75-34-3	1,1-Dichloroethane	0.00017	0.000085	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	75-34-3	1,1-Dichloroethane	0.00017	0.000085	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	VOCs	0.97	75-34-3	1,1-Dichloroethane	0.00017	0.000085	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	VOCs	0.97	75-34-3	1,1-Dichloroethane	0.00017	0.000085	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	SA186	SA186-0.5B	6/29/2009	VOCs	1	75-34-3	1,1-Dichloroethane	0.00017	0.000085	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	SA62	SA62-0.5B	6/16/2009	VOCs	0.97	75-34-3	1,1-Dichloroethane	0.00017	0.000085	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	SA166	SA166-0.5B	6/11/2009	VOCs	1	75-34-3	1,1-Dichloroethane	0.00017	0.000085	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	SA50	SA50-0.5B	6/30/2009	VOCs	0.97	75-34-3	1,1-Dichloroethane	0.00017	0.000085	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	VOCs	0.93	75-34-3	1,1-Dichloroethane	0.00016	0.00008	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	VOCs	0.91	75-34-3	1,1-Dichloroethane	0.00016	0.00008	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	VOCs	0.91	75-34-3	1,1-Dichloroethane	0.00016	0.00008	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	SA185	SA185-0.5B	6/29/2009	VOCs	0.89	75-34-3	1,1-Dichloroethane	0.00016	0.00008	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	SA176	SA176-0.5B	6/10/2009	VOCs	0.92	75-34-3	1,1-Dichloroethane	0.00016	0.00008	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	SA152	SA152-0.5B	6/4/2009	VOCs	0.93	75-34-3	1,1-Dichloroethane	0.00016	0.00008	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	SA75	SA75-0.5B	7/17/2009	VOCs	0.91	75-34-3	1,1-Dichloroethane	0.00016	0.00008	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-3	SA64	SA64-0.5B	6/19/2009	VOCs	0.88	75-34-3	1,1-Dichloroethane	0.00016	0.00008	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	SSAO7-06	SSAO7-06-0.5BPC	9/27/2010	VOCs	1	75-34-3	1,1-Dichloroethane	0.00016	0.00008	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	SA173	SA173-0.5B	7/27/2009	VOCs	0.9	75-34-3	1,1-Dichloroethane	0.00016	0.00008	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	VOCs	1	75-34-3	1,1-Dichloroethane	0.00016	0.00008	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	VOCs	0.91	75-34-3	1,1-Dichloroethane	0.00016	0.00008	mg/kg	0.14	R4 Inverts	0.001	0.0006
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	VOCs	0.91	75-34-3	1,1-Dichloroethane	0.00015	0.000075	mg/kg	0.14	R4 Inverts	0.001	0.0005
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	VOCs	0.86	75-34-3	1,1-Dichloroethane	0.00015	0.000075	mg/kg	0.14	R4 Inverts	0.001	0.0005
DU-1	SA55	SA55-0.5B	6/10/2009	VOCs	0.89	75-34-3	1,1-Dichloroethane	0.00015	0.000075	mg/kg	0.14	R4 Inverts	0.001	0.0005
DU-1	SA152	SA152009-0.5B	6/4/2009	VOCs	0.9	75-34-3	1,1-Dichloroethane	0.00015	0.000075	mg/kg	0.14	R4 Inverts	0.001	0.0005
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	VOCs	1	75-34-3	1,1-Dichloroethane	0.00015	0.000075	mg/kg	0.14	R4 Inverts	0.001	0.0005
DU-1	SSAO8-05	SSAO8-05-0.5BPC	9/27/2010	VOCs	1	75-34-3	1,1-Dichloroethane	0.00015	0.000075	mg/kg	0.14	R4 Inverts	0.001	0.0005

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	VOCs	1	75-34-3	1,1-Dichloroethane	0.00015	0.000075	mg/kg	0.14	R4 Inverts	0.001	0.0005
DU-1	SA189	SA189-0.5B	6/4/2009	VOCs	0.85	75-34-3	1,1-Dichloroethane	0.00015	0.000075	mg/kg	0.14	R4 Inverts	0.001	0.0005
DU-1	SA92	SA92-0.5B	6/17/2009	VOCs	0.89	75-34-3	1,1-Dichloroethane	0.00015	0.000075	mg/kg	0.14	R4 Inverts	0.001	0.0005
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	VOCs	0.74	75-34-3	1,1-Dichloroethane	0.00014	0.00007	mg/kg	0.14	R4 Inverts	0.001	0.0005
DU-1	SA73	SA73-0.5B	7/29/2009	VOCs	0.77	75-34-3	1,1-Dichloroethane	0.00014	0.00007	mg/kg	0.14	R4 Inverts	0.001	0.0005
DU-1	SA158	SA158-0.5B	6/17/2009	VOCs	0.85	75-34-3	1,1-Dichloroethane	0.00014	0.00007	mg/kg	0.14	R4 Inverts	0.001	0.0005
DU-1	SA179	SA179-0.5B	7/28/2009	VOCs	0.79	75-34-3	1,1-Dichloroethane	0.00014	0.00007	mg/kg	0.14	R4 Inverts	0.001	0.0005
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	VOCs	0.76	75-34-3	1,1-Dichloroethane	0.00013	0.000065	mg/kg	0.14	R4 Inverts	0.0009	0.0005
DU-1	SA74	SA74-0.5B	7/15/2009	VOCs	0.72	75-34-3	1,1-Dichloroethane	0.00013	0.000065	mg/kg	0.14	R4 Inverts	0.0009	0.0005
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	VOCs	0.71	75-34-3	1,1-Dichloroethane	0.00012	0.00006	mg/kg	0.14	R4 Inverts	0.0009	0.0004
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	VOCs	0.68	75-34-3	1,1-Dichloroethane	0.00012	0.00006	mg/kg	0.14	R4 Inverts	0.0009	0.0004
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	75-34-3	1,1-Dichloroethane	0.00012	0.00006	mg/kg	0.14	R4 Inverts	0.0009	0.0004
DU-1	SA74	SA74009-0.5B	7/15/2009	VOCs	0.65	75-34-3	1,1-Dichloroethane	0.00012	0.00006	mg/kg	0.14	R4 Inverts	0.0009	0.0004
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	75-34-3	1,1-Dichloroethane	0.00012	0.00006	mg/kg	0.14	R4 Inverts	0.0009	0.0004
DU-1	SSAN8-07	SSAN8-07-0.5BPC	9/7/2010	VOCs	1	75-34-3	1,1-Dichloroethane	0.00012	0.00006	mg/kg	0.14	R4 Inverts	0.0009	0.0004
DU-1	SSAO8-08	SSAO8-08-0.5BPC	9/27/2010	VOCs	1	75-34-3	1,1-Dichloroethane	0.00012	0.00006	mg/kg	0.14	R4 Inverts	0.0009	0.0004
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	VOCs	1	75-34-3	1,1-Dichloroethane	0.00012	0.00006	mg/kg	0.14	R4 Inverts	0.0009	0.0004
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	75-34-3	1,1-Dichloroethane	0.00012	0.00006	mg/kg	0.14	R4 Inverts	0.0009	0.0004
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	VOCs	0.6	75-34-3	1,1-Dichloroethane	0.00011	0.000055	mg/kg	0.14	R4 Inverts	0.0008	0.0004
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	VOCs	0.63	75-34-3	1,1-Dichloroethane	0.00011	0.000055	mg/kg	0.14	R4 Inverts	0.0008	0.0004
DU-1	SA72	SA72-0.5B	7/27/2009	VOCs	0.64	75-34-3	1,1-Dichloroethane	0.00011	0.000055	mg/kg	0.14	R4 Inverts	0.0008	0.0004
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	VOCs	1	75-34-3	1,1-Dichloroethane	0.00011	0.000055	mg/kg	0.14	R4 Inverts	0.0008	0.0004
DU-1	SA173	SA173009-0.5B	7/27/2009	VOCs	0.58	75-34-3	1,1-Dichloroethane	0.000098	0.000049	mg/kg	0.14	R4 Inverts	0.0007	0.0004
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	95-94-3	1,2,4,5-Tetrachlorobenzene	0.036	0.018	mg/kg	0.18	R4 Inverts	0.2	0.1
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	95-94-3	1,2,4,5-Tetrachlorobenzene	0.035	0.0175	mg/kg	0.18	R4 Inverts	0.2	0.1
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	95-94-3	1,2,4,5-Tetrachlorobenzene	0.035	0.0175	mg/kg	0.18	R4 Inverts	0.2	0.1
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	95-94-3	1,2,4,5-Tetrachlorobenzene	0.034	0.017	mg/kg	0.18	R4 Inverts	0.2	0.09
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	95-94-3	1,2,4,5-Tetrachlorobenzene	0.034	0.017	mg/kg	0.18	R4 Inverts	0.2	0.09
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	95-94-3	1,2,4,5-Tetrachlorobenzene	0.034	0.017	mg/kg	0.18	R4 Inverts	0.2	0.09
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	95-94-3	1,2,4,5-Tetrachlorobenzene	0.034	0.017	mg/kg	0.18	R4 Inverts	0.2	0.09
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	107-06-2	1,2-Dichloroethane	0.0062	0.0031	mg/kg	0.4	R4 Inverts	0.02	0.008
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	107-06-2	1,2-Dichloroethane	0.0059	0.00295	mg/kg	0.4	R4 Inverts	0.01	0.007
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	107-06-2	1,2-Dichloroethane	0.0057	0.00285	mg/kg	0.4	R4 Inverts	0.01	0.007
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	107-06-2	1,2-Dichloroethane	0.0056	0.0028	mg/kg	0.4	R4 Inverts	0.01	0.007
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	107-06-2	1,2-Dichloroethane	0.0056	0.0028	mg/kg	0.4	R4 Inverts	0.01	0.007
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	107-06-2	1,2-Dichloroethane	0.0055	0.00275	mg/kg	0.4	R4 Inverts	0.01	0.007
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	107-06-2	1,2-Dichloroethane	0.0055	0.00275	mg/kg	0.4	R4 Inverts	0.01	0.007
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	107-06-2	1,2-Dichloroethane	0.0055	0.00275	mg/kg	0.4	R4 Inverts	0.01	0.007
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	107-06-2	1,2-Dichloroethane	0.0054	0.0027	mg/kg	0.4	R4 Inverts	0.01	0.007
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	107-06-2	1,2-Dichloroethane	0.0053	0.00265	mg/kg	0.4	R4 Inverts	0.01	0.007
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	107-06-2	1,2-Dichloroethane	0.0053	0.00265	mg/kg	0.4	R4 Inverts	0.01	0.007
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	107-06-2	1,2-Dichloroethane	0.0053	0.00265	mg/kg	0.4	R4 Inverts	0.01	0.007
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	107-06-2	1,2-Dichloroethane	0.0053	0.00265	mg/kg	0.4	R4 Inverts	0.01	0.007
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	107-06-2	1,2-Dichloroethane	0.0052	0.0026	mg/kg	0.4	R4 Inverts	0.01	0.007
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	107-06-2	1,2-Dichloroethane	0.0049	0.00245	mg/kg	0.4	R4 Inverts	0.01	0.006
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00097	0.000485	mg/kg	0.4	R4 Inverts	0.002	0.001
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00082	0.00041	mg/kg	0.4	R4 Inverts	0.002	0.001
DU-1	SA157	SA157-0.5B	10/20/2009	VOCs	1.89	107-06-2	1,2-Dichloroethane	0.00072	0.00036	mg/kg	0.4	R4 Inverts	0.002	0.0009
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	VOCs	1	107-06-2	1,2-Dichloroethane	0.00068	0.00034	mg/kg	0.4	R4 Inverts	0.002	0.0009
DU-3	SA65	SA65-10B	8/25/2009	VOCs	1.68	107-06-2	1,2-Dichloroethane	0.00064	0.00032	mg/kg	0.4	R4 Inverts	0.002	0.0008
DU-1	SSAN7-06	SSAN7-06-0.5BPC	9/7/2010	VOCs	1	107-06-2	1,2-Dichloroethane	0.00063	0.000315	mg/kg	0.4	R4 Inverts	0.002	0.0008
DU-1	RISB-37	RISB-37-0.5-20141117	11/17/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00058	0.00029	mg/kg	0.4	R4 Inverts	0.001	0.0007

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00055	0.000275	mg/kg	0.4	R4 Inverts	0.001	0.0007
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00054	0.00027	mg/kg	0.4	R4 Inverts	0.001	0.0007
DU-1	RISB-31	RISB-31-0.5-20141119	11/19/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00054	0.00027	mg/kg	0.4	R4 Inverts	0.001	0.0007
DU-1	SSAO7-06	SSAO7-06-0.5BPC	9/27/2010	VOCs	1	107-06-2	1,2-Dichloroethane	0.00054	0.00027	mg/kg	0.4	R4 Inverts	0.001	0.0007
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00053	0.000265	mg/kg	0.4	R4 Inverts	0.001	0.0007
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	VOCs	1	107-06-2	1,2-Dichloroethane	0.00052	0.00026	mg/kg	0.4	R4 Inverts	0.001	0.0007
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00052	0.00026	mg/kg	0.4	R4 Inverts	0.001	0.0007
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00052	0.00026	mg/kg	0.4	R4 Inverts	0.001	0.0007
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00052	0.00026	mg/kg	0.4	R4 Inverts	0.001	0.0007
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	VOCs	1	107-06-2	1,2-Dichloroethane	0.00052	0.00026	mg/kg	0.4	R4 Inverts	0.001	0.0007
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00052	0.00026	mg/kg	0.4	R4 Inverts	0.001	0.0007
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	VOCs	1	107-06-2	1,2-Dichloroethane	0.00051	0.000255	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RISB-30	RISB-30-0.5-20141118	11/18/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00051	0.000255	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RISB-35	RISB-35-0.5-20141119	11/19/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00051	0.000255	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RISB-54	RISB-54-0.5-20141117	11/17/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00051	0.000255	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RISB-33	RISB-33-0.5-20141119	11/19/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00051	0.000255	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00051	0.000255	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RISB-36	RISB-36-0.5-20141118	11/18/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00051	0.000255	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00051	0.000255	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00051	0.000255	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00051	0.000255	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00051	0.000255	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00051	0.000255	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00051	0.000255	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00051	0.000255	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00051	0.000255	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00051	0.000255	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00051	0.000255	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	107-06-2	1,2-Dichloroethane	0.0005	0.00025	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.0005	0.00025	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	107-06-2	1,2-Dichloroethane	0.0005	0.00025	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	VOCs	1	107-06-2	1,2-Dichloroethane	0.0005	0.00025	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RISB-34	RISB-34-0.5-20141119	11/19/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.0005	0.00025	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RISB-53	RISB-53-0.5-20141106	11/6/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.0005	0.00025	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-2	SA103	SA103-0.5B	10/6/2009	VOCs	1.34	107-06-2	1,2-Dichloroethane	0.0005	0.00025	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	SSAO8-05	SSAO8-05-0.5BPC	9/27/2010	VOCs	1	107-06-2	1,2-Dichloroethane	0.0005	0.00025	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RISB-55	RISB-55-0.5-20141114	11/14/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.0005	0.00025	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.0005	0.00025	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00049	0.000245	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	VOCs	1	107-06-2	1,2-Dichloroethane	0.00049	0.000245	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-2	RISB-56	RISB-56-0.5-20141104	11/4/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00049	0.000245	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00048	0.00024	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00048	0.00024	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00048	0.00024	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00048	0.00024	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	VOCs	1	107-06-2	1,2-Dichloroethane	0.00048	0.00024	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	107-06-2	1,2-Dichloroethane	0.00048	0.00024	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00048	0.00024	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00048	0.00024	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00048	0.00024	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	VOCs	1	107-06-2	1,2-Dichloroethane	0.00047	0.000235	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	VOCs	1	107-06-2	1,2-Dichloroethane	0.00047	0.000235	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00047	0.000235	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00047	0.000235	mg/kg	0.4	R4 Inverts	0.001	0.0006

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	107-06-2	1,2-Dichloroethane	0.00047	0.000235	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RISB-32	RISB-32-0.5-20141120	11/20/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00047	0.000235	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	107-06-2	1,2-Dichloroethane	0.00046	0.00023	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	107-06-2	1,2-Dichloroethane	0.00045	0.000225	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	107-06-2	1,2-Dichloroethane	0.00045	0.000225	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	107-06-2	1,2-Dichloroethane	0.00045	0.000225	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	VOCs	1	107-06-2	1,2-Dichloroethane	0.00044	0.00022	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-2	RISB-57	RISB-57-0.5-20141103	11/3/2014	VOCs	1	107-06-2	1,2-Dichloroethane	0.00044	0.00022	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	VOCs	1.14	107-06-2	1,2-Dichloroethane	0.00044	0.00022	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	107-06-2	1,2-Dichloroethane	0.00044	0.00022	mg/kg	0.4	R4 Inverts	0.001	0.0006
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	107-06-2	1,2-Dichloroethane	0.00042	0.00021	mg/kg	0.4	R4 Inverts	0.001	0.0005
DU-2	SA116	SA116-0.5B	9/2/2009	VOCs	1.08	107-06-2	1,2-Dichloroethane	0.00041	0.000205	mg/kg	0.4	R4 Inverts	0.001	0.0005
DU-2	SA212	SA212-0.5B	9/28/2009	VOCs	1.09	107-06-2	1,2-Dichloroethane	0.00041	0.000205	mg/kg	0.4	R4 Inverts	0.001	0.0005
DU-1	SSAN8-07	SSAN8-07-0.5BPC	9/7/2010	VOCs	1	107-06-2	1,2-Dichloroethane	0.00041	0.000205	mg/kg	0.4	R4 Inverts	0.001	0.0005
DU-1	SSAO8-08	SSAO8-08-0.5BPC	9/27/2010	VOCs	1	107-06-2	1,2-Dichloroethane	0.00041	0.000205	mg/kg	0.4	R4 Inverts	0.001	0.0005
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	107-06-2	1,2-Dichloroethane	0.00041	0.000205	mg/kg	0.4	R4 Inverts	0.001	0.0005
DU-1	SA141	SA141009-14B	10/15/2009	VOCs	1.07	107-06-2	1,2-Dichloroethane	0.00041	0.000205	mg/kg	0.4	R4 Inverts	0.001	0.0005
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	VOCs	1.04	107-06-2	1,2-Dichloroethane	0.0004	0.0002	mg/kg	0.4	R4 Inverts	0.001	0.0005
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	107-06-2	1,2-Dichloroethane	0.0004	0.0002	mg/kg	0.4	R4 Inverts	0.001	0.0005
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	107-06-2	1,2-Dichloroethane	0.0004	0.0002	mg/kg	0.4	R4 Inverts	0.001	0.0005
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	VOCs	1	107-06-2	1,2-Dichloroethane	0.0004	0.0002	mg/kg	0.4	R4 Inverts	0.001	0.0005
DU-2	SA121	SA121009-0.5B	9/25/2009	VOCs	1.02	107-06-2	1,2-Dichloroethane	0.00039	0.000195	mg/kg	0.4	R4 Inverts	0.001	0.0005
DU-2	SA138	SA138-0.5B	10/6/2009	VOCs	1.03	107-06-2	1,2-Dichloroethane	0.00039	0.000195	mg/kg	0.4	R4 Inverts	0.001	0.0005
DU-1	SA171	SA171-5B	10/19/2009	VOCs	0.98	107-06-2	1,2-Dichloroethane	0.00038	0.00019	mg/kg	0.4	R4 Inverts	0.001	0.0005
DU-3	SA128	SA128-10B	9/16/2009	VOCs	0.99	107-06-2	1,2-Dichloroethane	0.00038	0.00019	mg/kg	0.4	R4 Inverts	0.001	0.0005
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	VOCs	0.98	107-06-2	1,2-Dichloroethane	0.00037	0.000185	mg/kg	0.4	R4 Inverts	0.0009	0.0005
DU-1	SA151	SA151-0.5B	9/17/2009	VOCs	0.99	107-06-2	1,2-Dichloroethane	0.00037	0.000185	mg/kg	0.4	R4 Inverts	0.0009	0.0005
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	107-06-2	1,2-Dichloroethane	0.00037	0.000185	mg/kg	0.4	R4 Inverts	0.0009	0.0005
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	107-06-2	1,2-Dichloroethane	0.00037	0.000185	mg/kg	0.4	R4 Inverts	0.0009	0.0005
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	VOCs	1	107-06-2	1,2-Dichloroethane	0.00037	0.000185	mg/kg	0.4	R4 Inverts	0.0009	0.0005
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	107-06-2	1,2-Dichloroethane	0.00037	0.000185	mg/kg	0.4	R4 Inverts	0.0009	0.0005
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	VOCs	1.33	107-06-2	1,2-Dichloroethane	0.00036	0.00018	mg/kg	0.4	R4 Inverts	0.0009	0.0005
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	107-06-2	1,2-Dichloroethane	0.00035	0.000175	mg/kg	0.4	R4 Inverts	0.0009	0.0004
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	VOCs	0.95	107-06-2	1,2-Dichloroethane	0.00035	0.000175	mg/kg	0.4	R4 Inverts	0.0009	0.0004
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	VOCs	0.93	107-06-2	1,2-Dichloroethane	0.00035	0.000175	mg/kg	0.4	R4 Inverts	0.0009	0.0004
DU-2	SA28	SA28-0.5B	8/3/2009	VOCs	0.92	107-06-2	1,2-Dichloroethane	0.00035	0.000175	mg/kg	0.4	R4 Inverts	0.0009	0.0004
DU-1	RSAO7	RSAO7-9B	10/12/2009	VOCs	0.89	107-06-2	1,2-Dichloroethane	0.00034	0.00017	mg/kg	0.4	R4 Inverts	0.0009	0.0004
DU-2	SA147	SA147-0.5B	8/4/2009	VOCs	0.83	107-06-2	1,2-Dichloroethane	0.00033	0.000165	mg/kg	0.4	R4 Inverts	0.0008	0.0004
DU-2	SA146	SA146-0.5B	8/4/2009	VOCs	0.88	107-06-2	1,2-Dichloroethane	0.00033	0.000165	mg/kg	0.4	R4 Inverts	0.0008	0.0004
DU-1	SA71	SA71-0.5B	6/16/2009	VOCs	1.2	107-06-2	1,2-Dichloroethane	0.00032	0.00016	mg/kg	0.4	R4 Inverts	0.0008	0.0004
DU-2	SA121	SA121-0.5B	9/25/2009	VOCs	0.81	107-06-2	1,2-Dichloroethane	0.00031	0.000155	mg/kg	0.4	R4 Inverts	0.0008	0.0004
DU-3	SA197	SA197-0.5B	6/19/2009	VOCs	1.07	107-06-2	1,2-Dichloroethane	0.00031	0.000155	mg/kg	0.4	R4 Inverts	0.0008	0.0004
DU-1	SA145	SA145-0.5B	6/12/2009	VOCs	1.14	107-06-2	1,2-Dichloroethane	0.00031	0.000155	mg/kg	0.4	R4 Inverts	0.0008	0.0004
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	VOCs	1.15	107-06-2	1,2-Dichloroethane	0.0003	0.00015	mg/kg	0.4	R4 Inverts	0.0008	0.0004
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	VOCs	1.09	107-06-2	1,2-Dichloroethane	0.0003	0.00015	mg/kg	0.4	R4 Inverts	0.0008	0.0004
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	VOCs	1.08	107-06-2	1,2-Dichloroethane	0.0003	0.00015	mg/kg	0.4	R4 Inverts	0.0008	0.0004
DU-1	SA87	SA87-0.5B	6/25/2008	VOCs	1.02	107-06-2	1,2-Dichloroethane	0.0003	0.00015	mg/kg	0.4	R4 Inverts	0.0008	0.0004
DU-1	SA180	SA180-0.5B	6/26/2008	VOCs	0.91	107-06-2	1,2-Dichloroethane	0.0003	0.00015	mg/kg	0.4	R4 Inverts	0.0008	0.0004
DU-1	SA180	SA180-0.5BD	6/26/2008	VOCs	0.95	107-06-2	1,2-Dichloroethane	0.0003	0.00015	mg/kg	0.4	R4 Inverts	0.0008	0.0004
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	107-06-2	1,2-Dichloroethane	0.0003	0.00015	mg/kg	0.4	R4 Inverts	0.0008	0.0004
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	VOCs	0.99	107-06-2	1,2-Dichloroethane	0.00029	0.000145	mg/kg	0.4	R4 Inverts	0.0007	0.0004
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	VOCs	1.08	107-06-2	1,2-Dichloroethane	0.00029	0.000145	mg/kg	0.4	R4 Inverts	0.0007	0.0004

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	107-06-2	1,2-Dichloroethane	0.00028	0.00014	mg/kg	0.4	R4 Inverts	0.0007	0.0004
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	VOCs	1.04	107-06-2	1,2-Dichloroethane	0.00028	0.00014	mg/kg	0.4	R4 Inverts	0.0007	0.0004
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	107-06-2	1,2-Dichloroethane	0.00028	0.00014	mg/kg	0.4	R4 Inverts	0.0007	0.0004
DU-1	SA186	SA186-0.5B	6/29/2009	VOCs	1	107-06-2	1,2-Dichloroethane	0.00028	0.00014	mg/kg	0.4	R4 Inverts	0.0007	0.0004
DU-1	SA166	SA166-0.5B	6/11/2009	VOCs	1	107-06-2	1,2-Dichloroethane	0.00028	0.00014	mg/kg	0.4	R4 Inverts	0.0007	0.0004
DU-1	SA69	SA69-0.5B	7/7/2009	VOCs	0.72	107-06-2	1,2-Dichloroethane	0.00028	0.00014	mg/kg	0.4	R4 Inverts	0.0007	0.0004
DU-1	SA85	SA85-0.5B	6/16/2009	VOCs	1.02	107-06-2	1,2-Dichloroethane	0.00028	0.00014	mg/kg	0.4	R4 Inverts	0.0007	0.0004
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	107-06-2	1,2-Dichloroethane	0.00027	0.000135	mg/kg	0.4	R4 Inverts	0.0007	0.0003
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	107-06-2	1,2-Dichloroethane	0.00027	0.000135	mg/kg	0.4	R4 Inverts	0.0007	0.0003
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	VOCs	0.97	107-06-2	1,2-Dichloroethane	0.00027	0.000135	mg/kg	0.4	R4 Inverts	0.0007	0.0003
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	VOCs	0.97	107-06-2	1,2-Dichloroethane	0.00027	0.000135	mg/kg	0.4	R4 Inverts	0.0007	0.0003
DU-1	SA62	SA62-0.5B	6/16/2009	VOCs	0.97	107-06-2	1,2-Dichloroethane	0.00027	0.000135	mg/kg	0.4	R4 Inverts	0.0007	0.0003
DU-1	SA50	SA50-0.5B	6/30/2009	VOCs	0.97	107-06-2	1,2-Dichloroethane	0.00027	0.000135	mg/kg	0.4	R4 Inverts	0.0007	0.0003
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	VOCs	0.93	107-06-2	1,2-Dichloroethane	0.00026	0.00013	mg/kg	0.4	R4 Inverts	0.0007	0.0003
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	VOCs	0.71	107-06-2	1,2-Dichloroethane	0.00026	0.00013	mg/kg	0.4	R4 Inverts	0.0007	0.0003
DU-1	SA75	SA75-0.5B	7/17/2009	VOCs	0.91	107-06-2	1,2-Dichloroethane	0.00026	0.00013	mg/kg	0.4	R4 Inverts	0.0007	0.0003
DU-1	SA152	SA152-0.5B	6/4/2009	VOCs	0.93	107-06-2	1,2-Dichloroethane	0.00026	0.00013	mg/kg	0.4	R4 Inverts	0.0007	0.0003
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	VOCs	0.91	107-06-2	1,2-Dichloroethane	0.00025	0.000125	mg/kg	0.4	R4 Inverts	0.0006	0.0003
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	VOCs	0.91	107-06-2	1,2-Dichloroethane	0.00025	0.000125	mg/kg	0.4	R4 Inverts	0.0006	0.0003
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	VOCs	0.91	107-06-2	1,2-Dichloroethane	0.00025	0.000125	mg/kg	0.4	R4 Inverts	0.0006	0.0003
DU-1	SA176	SA176-0.5B	6/10/2009	VOCs	0.92	107-06-2	1,2-Dichloroethane	0.00025	0.000125	mg/kg	0.4	R4 Inverts	0.0006	0.0003
DU-1	SA185	SA185-0.5B	6/29/2009	VOCs	0.89	107-06-2	1,2-Dichloroethane	0.00025	0.000125	mg/kg	0.4	R4 Inverts	0.0006	0.0003
DU-1	SA152	SA152009-0.5B	6/4/2009	VOCs	0.9	107-06-2	1,2-Dichloroethane	0.00025	0.000125	mg/kg	0.4	R4 Inverts	0.0006	0.0003
DU-3	SA64	SA64-0.5B	6/19/2009	VOCs	0.88	107-06-2	1,2-Dichloroethane	0.00025	0.000125	mg/kg	0.4	R4 Inverts	0.0006	0.0003
DU-1	SA173	SA173-0.5B	7/27/2009	VOCs	0.9	107-06-2	1,2-Dichloroethane	0.00025	0.000125	mg/kg	0.4	R4 Inverts	0.0006	0.0003
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	VOCs	0.91	107-06-2	1,2-Dichloroethane	0.00025	0.000125	mg/kg	0.4	R4 Inverts	0.0006	0.0003
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	VOCs	0.86	107-06-2	1,2-Dichloroethane	0.00024	0.00012	mg/kg	0.4	R4 Inverts	0.0006	0.0003
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	VOCs	0.63	107-06-2	1,2-Dichloroethane	0.00024	0.00012	mg/kg	0.4	R4 Inverts	0.0006	0.0003
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	VOCs	0.63	107-06-2	1,2-Dichloroethane	0.00024	0.00012	mg/kg	0.4	R4 Inverts	0.0006	0.0003
DU-1	SA55	SA55-0.5B	6/10/2009	VOCs	0.89	107-06-2	1,2-Dichloroethane	0.00024	0.00012	mg/kg	0.4	R4 Inverts	0.0006	0.0003
DU-1	SA189	SA189-0.5B	6/4/2009	VOCs	0.85	107-06-2	1,2-Dichloroethane	0.00024	0.00012	mg/kg	0.4	R4 Inverts	0.0006	0.0003
DU-1	SA92	SA92-0.5B	6/17/2009	VOCs	0.89	107-06-2	1,2-Dichloroethane	0.00024	0.00012	mg/kg	0.4	R4 Inverts	0.0006	0.0003
DU-1	SA158	SA158-0.5B	6/17/2009	VOCs	0.85	107-06-2	1,2-Dichloroethane	0.00023	0.000115	mg/kg	0.4	R4 Inverts	0.0006	0.0003
DU-1	SA179	SA179-0.5B	7/28/2009	VOCs	0.79	107-06-2	1,2-Dichloroethane	0.00023	0.000115	mg/kg	0.4	R4 Inverts	0.0006	0.0003
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	VOCs	0.74	107-06-2	1,2-Dichloroethane	0.00022	0.00011	mg/kg	0.4	R4 Inverts	0.0006	0.0003
DU-1	SA73	SA73-0.5B	7/29/2009	VOCs	0.77	107-06-2	1,2-Dichloroethane	0.00022	0.00011	mg/kg	0.4	R4 Inverts	0.0006	0.0003
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	VOCs	0.76	107-06-2	1,2-Dichloroethane	0.00021	0.000105	mg/kg	0.4	R4 Inverts	0.0005	0.0003
DU-1	SA74	SA74-0.5B	7/15/2009	VOCs	0.72	107-06-2	1,2-Dichloroethane	0.00021	0.000105	mg/kg	0.4	R4 Inverts	0.0005	0.0003
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	VOCs	0.71	107-06-2	1,2-Dichloroethane	0.0002	0.0001	mg/kg	0.4	R4 Inverts	0.0005	0.0003
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	VOCs	0.68	107-06-2	1,2-Dichloroethane	0.0002	0.0001	mg/kg	0.4	R4 Inverts	0.0005	0.0003
DU-1	SA74	SA74009-0.5B	7/15/2009	VOCs	0.65	107-06-2	1,2-Dichloroethane	0.00019	0.000095	mg/kg	0.4	R4 Inverts	0.0005	0.0002
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	VOCs	0.63	107-06-2	1,2-Dichloroethane	0.00018	0.00009	mg/kg	0.4	R4 Inverts	0.0005	0.0002
DU-1	SA72	SA72-0.5B	7/27/2009	VOCs	0.64	107-06-2	1,2-Dichloroethane	0.00018	0.00009	mg/kg	0.4	R4 Inverts	0.0005	0.0002
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	VOCs	0.6	107-06-2	1,2-Dichloroethane	0.00017	0.000085	mg/kg	0.4	R4 Inverts	0.0004	0.0002
DU-1	SA173	SA173009-0.5B	7/27/2009	VOCs	0.58	107-06-2	1,2-Dichloroethane	0.00016	0.00008	mg/kg	0.4	R4 Inverts	0.0004	0.0002
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	540-59-0	1,2-Dichloroethene	0.00059	0.000295	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	540-59-0	1,2-Dichloroethene	0.00058	0.00029	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	540-59-0	1,2-Dichloroethene	0.00057	0.000285	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	540-59-0	1,2-Dichloroethene	0.00056	0.00028	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	540-59-0	1,2-Dichloroethene	0.00056	0.00028	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	540-59-0	1,2-Dichloroethene	0.00056	0.00028	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	540-59-0	1,2-Dichloroethene	0.00055	0.000275	mg/kg	0.04	R4 Inverts	0.01	0.007

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	78-87-5	1,2-Dichloropropane	0.0062	0.0031	mg/kg	0.28	R4 Inverts	0.02	0.01
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	78-87-5	1,2-Dichloropropane	0.0059	0.00295	mg/kg	0.28	R4 Inverts	0.02	0.01
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	78-87-5	1,2-Dichloropropane	0.0057	0.00285	mg/kg	0.28	R4 Inverts	0.02	0.01
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	78-87-5	1,2-Dichloropropane	0.0056	0.0028	mg/kg	0.28	R4 Inverts	0.02	0.01
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	78-87-5	1,2-Dichloropropane	0.0056	0.0028	mg/kg	0.28	R4 Inverts	0.02	0.01
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	78-87-5	1,2-Dichloropropane	0.0055	0.00275	mg/kg	0.28	R4 Inverts	0.02	0.01
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	78-87-5	1,2-Dichloropropane	0.0055	0.00275	mg/kg	0.28	R4 Inverts	0.02	0.01
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	78-87-5	1,2-Dichloropropane	0.0055	0.00275	mg/kg	0.28	R4 Inverts	0.02	0.01
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	78-87-5	1,2-Dichloropropane	0.0054	0.0027	mg/kg	0.28	R4 Inverts	0.02	0.01
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	78-87-5	1,2-Dichloropropane	0.0053	0.00265	mg/kg	0.28	R4 Inverts	0.02	0.009
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	78-87-5	1,2-Dichloropropane	0.0053	0.00265	mg/kg	0.28	R4 Inverts	0.02	0.009
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	78-87-5	1,2-Dichloropropane	0.0053	0.00265	mg/kg	0.28	R4 Inverts	0.02	0.009
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	78-87-5	1,2-Dichloropropane	0.0053	0.00265	mg/kg	0.28	R4 Inverts	0.02	0.009
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	78-87-5	1,2-Dichloropropane	0.0052	0.0026	mg/kg	0.28	R4 Inverts	0.02	0.009
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	78-87-5	1,2-Dichloropropane	0.0049	0.00245	mg/kg	0.28	R4 Inverts	0.02	0.009
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00097	0.000485	mg/kg	0.28	R4 Inverts	0.003	0.002
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00082	0.00041	mg/kg	0.28	R4 Inverts	0.003	0.001
DU-1	SA157	SA157-0.5B	10/20/2009	VOCs	1.89	78-87-5	1,2-Dichloropropane	0.0008	0.0004	mg/kg	0.28	R4 Inverts	0.003	0.001
DU-3	SA65	SA65-10B	8/25/2009	VOCs	1.68	78-87-5	1,2-Dichloropropane	0.00071	0.000355	mg/kg	0.28	R4 Inverts	0.003	0.001
DU-1	RISB-37	RISB-37-0.5-20141117	11/17/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00058	0.00029	mg/kg	0.28	R4 Inverts	0.002	0.001
DU-2	SA103	SA103-0.5B	10/6/2009	VOCs	1.34	78-87-5	1,2-Dichloropropane	0.00056	0.00028	mg/kg	0.28	R4 Inverts	0.002	0.001
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00055	0.000275	mg/kg	0.28	R4 Inverts	0.002	0.001
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00054	0.00027	mg/kg	0.28	R4 Inverts	0.002	0.001
DU-1	RISB-31	RISB-31-0.5-20141119	11/19/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00054	0.00027	mg/kg	0.28	R4 Inverts	0.002	0.001
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	VOCs	1	78-87-5	1,2-Dichloropropane	0.00053	0.000265	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00053	0.000265	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	VOCs	1	78-87-5	1,2-Dichloropropane	0.00052	0.00026	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00052	0.00026	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00052	0.00026	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00052	0.00026	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00052	0.00026	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	VOCs	1	78-87-5	1,2-Dichloropropane	0.00051	0.000255	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RISB-30	RISB-30-0.5-20141118	11/18/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00051	0.000255	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RISB-35	RISB-35-0.5-20141119	11/19/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00051	0.000255	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RISB-54	RISB-54-0.5-20141117	11/17/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00051	0.000255	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RISB-33	RISB-33-0.5-20141119	11/19/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00051	0.000255	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00051	0.000255	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RISB-36	RISB-36-0.5-20141118	11/18/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00051	0.000255	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00051	0.000255	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00051	0.000255	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00051	0.000255	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00051	0.000255	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00051	0.000255	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00051	0.000255	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00051	0.000255	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00051	0.000255	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	78-87-5	1,2-Dichloropropane	0.0005	0.00025	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	78-87-5	1,2-Dichloropropane	0.0005	0.00025	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RISB-34	RISB-34-0.5-20141119	11/19/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.0005	0.00025	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.0005	0.00025	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	VOCs	1	78-87-5	1,2-Dichloropropane	0.0005	0.00025	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RISB-53	RISB-53-0.5-20141106	11/6/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.0005	0.00025	mg/kg	0.28	R4 Inverts	0.002	0.0009

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RISB-55	RISB-55-0.5-20141114	11/14/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.0005	0.00025	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.0005	0.00025	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00049	0.000245	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	VOCs	1.14	78-87-5	1,2-Dichloropropane	0.00049	0.000245	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	SSAN7-06	SSAN7-06-0.5BPC	9/7/2010	VOCs	1	78-87-5	1,2-Dichloropropane	0.00049	0.000245	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-2	RISB-56	RISB-56-0.5-20141104	11/4/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00049	0.000245	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00048	0.00024	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00048	0.00024	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00048	0.00024	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00048	0.00024	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00048	0.00024	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00048	0.00024	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00048	0.00024	mg/kg	0.28	R4 Inverts	0.002	0.0009
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	VOCs	1	78-87-5	1,2-Dichloropropane	0.00047	0.000235	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	VOCs	1	78-87-5	1,2-Dichloropropane	0.00047	0.000235	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00047	0.000235	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	VOCs	1.15	78-87-5	1,2-Dichloropropane	0.00047	0.000235	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	VOCs	1.08	78-87-5	1,2-Dichloropropane	0.00047	0.000235	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00047	0.000235	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-1	SA87	SA87-0.5B	6/25/2008	VOCs	1.02	78-87-5	1,2-Dichloropropane	0.00047	0.000235	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-1	SA180	SA180-0.5BD	6/26/2008	VOCs	0.95	78-87-5	1,2-Dichloropropane	0.00047	0.000235	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-1	SA180	SA180-0.5B	6/26/2008	VOCs	0.91	78-87-5	1,2-Dichloropropane	0.00047	0.000235	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-1	RISB-32	RISB-32-0.5-20141120	11/20/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00047	0.000235	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	78-87-5	1,2-Dichloropropane	0.00047	0.000235	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	78-87-5	1,2-Dichloropropane	0.00046	0.00023	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	78-87-5	1,2-Dichloropropane	0.00047	0.000235	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	78-87-5	1,2-Dichloropropane	0.00046	0.00023	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-2	SA116	SA116-0.5B	9/2/2009	VOCs	1.08	78-87-5	1,2-Dichloropropane	0.00046	0.00023	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	VOCs	1.04	78-87-5	1,2-Dichloropropane	0.00045	0.000225	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-2	SA212	SA212-0.5B	9/28/2009	VOCs	1.09	78-87-5	1,2-Dichloropropane	0.00045	0.000225	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-1	SA141	SA141009-14B	10/15/2009	VOCs	1.07	78-87-5	1,2-Dichloropropane	0.00045	0.000225	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	VOCs	1	78-87-5	1,2-Dichloropropane	0.00044	0.00022	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-2	RISB-57	RISB-57-0.5-20141103	11/3/2014	VOCs	1	78-87-5	1,2-Dichloropropane	0.00044	0.00022	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-2	SA121	SA121009-0.5B	9/25/2009	VOCs	1.02	78-87-5	1,2-Dichloropropane	0.00044	0.00022	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-2	SA138	SA138-0.5B	10/6/2009	VOCs	1.03	78-87-5	1,2-Dichloropropane	0.00043	0.000215	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-1	SA151	SA151-0.5B	9/17/2009	VOCs	0.99	78-87-5	1,2-Dichloropropane	0.00042	0.00021	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-3	SA128	SA128-10B	9/16/2009	VOCs	0.99	78-87-5	1,2-Dichloropropane	0.00042	0.00021	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-1	SA171	SA171-5B	10/19/2009	VOCs	0.98	78-87-5	1,2-Dichloropropane	0.00042	0.00021	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-1	SSAO7-06	SSAO7-06-0.5BPC	9/27/2010	VOCs	1	78-87-5	1,2-Dichloropropane	0.00042	0.00021	mg/kg	0.28	R4 Inverts	0.002	0.0008
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	VOCs	0.98	78-87-5	1,2-Dichloropropane	0.00041	0.000205	mg/kg	0.28	R4 Inverts	0.001	0.0007
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	78-87-5	1,2-Dichloropropane	0.00041	0.000205	mg/kg	0.28	R4 Inverts	0.001	0.0007
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	78-87-5	1,2-Dichloropropane	0.00041	0.000205	mg/kg	0.28	R4 Inverts	0.001	0.0007
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	78-87-5	1,2-Dichloropropane	0.00041	0.000205	mg/kg	0.28	R4 Inverts	0.001	0.0007
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	VOCs	1	78-87-5	1,2-Dichloropropane	0.00041	0.000205	mg/kg	0.28	R4 Inverts	0.001	0.0007
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	78-87-5	1,2-Dichloropropane	0.00041	0.000205	mg/kg	0.28	R4 Inverts	0.001	0.0007
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	78-87-5	1,2-Dichloropropane	0.0004	0.0002	mg/kg	0.28	R4 Inverts	0.001	0.0007
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	78-87-5	1,2-Dichloropropane	0.00039	0.000195	mg/kg	0.28	R4 Inverts	0.001	0.0007
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	VOCs	0.95	78-87-5	1,2-Dichloropropane	0.00039	0.000195	mg/kg	0.28	R4 Inverts	0.001	0.0007
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	VOCs	0.93	78-87-5	1,2-Dichloropropane	0.00039	0.000195	mg/kg	0.28	R4 Inverts	0.001	0.0007
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	78-87-5	1,2-Dichloropropane	0.00039	0.000195	mg/kg	0.28	R4 Inverts	0.001	0.0007
DU-1	SSAO8-05	SSAO8-05-0.5BPC	9/27/2010	VOCs	1	78-87-5	1,2-Dichloropropane	0.00039	0.000195	mg/kg	0.28	R4 Inverts	0.001	0.0007
DU-2	SA28	SA28-0.5B	8/3/2009	VOCs	0.92	78-87-5	1,2-Dichloropropane	0.00039	0.000195	mg/kg	0.28	R4 Inverts	0.001	0.0007
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	VOCs	1	78-87-5	1,2-Dichloropropane	0.00039	0.000195	mg/kg	0.28	R4 Inverts	0.001	0.0007
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	78-87-5	1,2-Dichloropropane	0.00039	0.000195	mg/kg	0.28	R4 Inverts	0.001	0.0007

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RSAO7	RSAO7-9B	10/12/2009	VOCs	0.89	78-87-5	1,2-Dichloropropane	0.00038	0.00019	mg/kg	0.28	R4 Inverts	0.001	0.0007
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	VOCs	1	78-87-5	1,2-Dichloropropane	0.00038	0.00019	mg/kg	0.28	R4 Inverts	0.001	0.0007
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	78-87-5	1,2-Dichloropropane	0.00038	0.00019	mg/kg	0.28	R4 Inverts	0.001	0.0007
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	78-87-5	1,2-Dichloropropane	0.00038	0.00019	mg/kg	0.28	R4 Inverts	0.001	0.0007
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	78-87-5	1,2-Dichloropropane	0.00038	0.00019	mg/kg	0.28	R4 Inverts	0.001	0.0007
DU-2	SA146	SA146-0.5B	8/4/2009	VOCs	0.88	78-87-5	1,2-Dichloropropane	0.00037	0.000185	mg/kg	0.28	R4 Inverts	0.001	0.0007
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	VOCs	1.33	78-87-5	1,2-Dichloropropane	0.00036	0.00018	mg/kg	0.28	R4 Inverts	0.001	0.0006
DU-2	SA147	SA147-0.5B	8/4/2009	VOCs	0.83	78-87-5	1,2-Dichloropropane	0.00036	0.00018	mg/kg	0.28	R4 Inverts	0.001	0.0006
DU-2	SA121	SA121-0.5B	9/25/2009	VOCs	0.81	78-87-5	1,2-Dichloropropane	0.00035	0.000175	mg/kg	0.28	R4 Inverts	0.001	0.0006
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	78-87-5	1,2-Dichloropropane	0.00033	0.000165	mg/kg	0.28	R4 Inverts	0.001	0.0006
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	78-87-5	1,2-Dichloropropane	0.00032	0.00016	mg/kg	0.28	R4 Inverts	0.001	0.0006
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	78-87-5	1,2-Dichloropropane	0.00032	0.00016	mg/kg	0.28	R4 Inverts	0.001	0.0006
DU-1	SSAN8-07	SSAN8-07-0.5BPC	9/7/2010	VOCs	1	78-87-5	1,2-Dichloropropane	0.00032	0.00016	mg/kg	0.28	R4 Inverts	0.001	0.0006
DU-1	SSAO8-08	SSAO8-08-0.5BPC	9/27/2010	VOCs	1	78-87-5	1,2-Dichloropropane	0.00032	0.00016	mg/kg	0.28	R4 Inverts	0.001	0.0006
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	VOCs	1	78-87-5	1,2-Dichloropropane	0.00032	0.00016	mg/kg	0.28	R4 Inverts	0.001	0.0006
DU-1	SA71	SA71-0.5B	6/16/2009	VOCs	1.2	78-87-5	1,2-Dichloropropane	0.00032	0.00016	mg/kg	0.28	R4 Inverts	0.001	0.0006
DU-3	SA197	SA197-0.5B	6/19/2009	VOCs	1.07	78-87-5	1,2-Dichloropropane	0.00031	0.000155	mg/kg	0.28	R4 Inverts	0.001	0.0006
DU-1	SA145	SA145-0.5B	6/12/2009	VOCs	1.14	78-87-5	1,2-Dichloropropane	0.00031	0.000155	mg/kg	0.28	R4 Inverts	0.001	0.0006
DU-1	SA69	SA69-0.5B	7/7/2009	VOCs	0.72	78-87-5	1,2-Dichloropropane	0.00031	0.000155	mg/kg	0.28	R4 Inverts	0.001	0.0006
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	VOCs	1.09	78-87-5	1,2-Dichloropropane	0.0003	0.00015	mg/kg	0.28	R4 Inverts	0.001	0.0005
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	VOCs	0.99	78-87-5	1,2-Dichloropropane	0.00029	0.000145	mg/kg	0.28	R4 Inverts	0.001	0.0005
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	VOCs	1.08	78-87-5	1,2-Dichloropropane	0.00029	0.000145	mg/kg	0.28	R4 Inverts	0.001	0.0005
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	VOCs	0.71	78-87-5	1,2-Dichloropropane	0.00029	0.000145	mg/kg	0.28	R4 Inverts	0.001	0.0005
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	VOCs	1	78-87-5	1,2-Dichloropropane	0.00029	0.000145	mg/kg	0.28	R4 Inverts	0.001	0.0005
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	78-87-5	1,2-Dichloropropane	0.00028	0.00014	mg/kg	0.28	R4 Inverts	0.001	0.0005
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	VOCs	1.04	78-87-5	1,2-Dichloropropane	0.00028	0.00014	mg/kg	0.28	R4 Inverts	0.001	0.0005
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	78-87-5	1,2-Dichloropropane	0.00028	0.00014	mg/kg	0.28	R4 Inverts	0.001	0.0005
DU-1	SA186	SA186-0.5B	6/29/2009	VOCs	1	78-87-5	1,2-Dichloropropane	0.00028	0.00014	mg/kg	0.28	R4 Inverts	0.001	0.0005
DU-1	SA166	SA166-0.5B	6/11/2009	VOCs	1	78-87-5	1,2-Dichloropropane	0.00028	0.00014	mg/kg	0.28	R4 Inverts	0.001	0.0005
DU-1	SA85	SA85-0.5B	6/16/2009	VOCs	1.02	78-87-5	1,2-Dichloropropane	0.00028	0.00014	mg/kg	0.28	R4 Inverts	0.001	0.0005
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	78-87-5	1,2-Dichloropropane	0.00027	0.000135	mg/kg	0.28	R4 Inverts	0.001	0.0005
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	78-87-5	1,2-Dichloropropane	0.00027	0.000135	mg/kg	0.28	R4 Inverts	0.001	0.0005
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	VOCs	0.97	78-87-5	1,2-Dichloropropane	0.00027	0.000135	mg/kg	0.28	R4 Inverts	0.001	0.0005
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	VOCs	0.97	78-87-5	1,2-Dichloropropane	0.00027	0.000135	mg/kg	0.28	R4 Inverts	0.001	0.0005
DU-1	SA62	SA62-0.5B	6/16/2009	VOCs	0.97	78-87-5	1,2-Dichloropropane	0.00027	0.000135	mg/kg	0.28	R4 Inverts	0.001	0.0005
DU-1	SA50	SA50-0.5B	6/30/2009	VOCs	0.97	78-87-5	1,2-Dichloropropane	0.00027	0.000135	mg/kg	0.28	R4 Inverts	0.001	0.0005
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	VOCs	0.93	78-87-5	1,2-Dichloropropane	0.00026	0.00013	mg/kg	0.28	R4 Inverts	0.0009	0.0005
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	VOCs	0.63	78-87-5	1,2-Dichloropropane	0.00026	0.00013	mg/kg	0.28	R4 Inverts	0.0009	0.0005
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	VOCs	0.63	78-87-5	1,2-Dichloropropane	0.00026	0.00013	mg/kg	0.28	R4 Inverts	0.0009	0.0005
DU-1	SA75	SA75-0.5B	7/17/2009	VOCs	0.91	78-87-5	1,2-Dichloropropane	0.00026	0.00013	mg/kg	0.28	R4 Inverts	0.0009	0.0005
DU-1	SA152	SA152-0.5B	6/4/2009	VOCs	0.93	78-87-5	1,2-Dichloropropane	0.00026	0.00013	mg/kg	0.28	R4 Inverts	0.0009	0.0005
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	VOCs	0.91	78-87-5	1,2-Dichloropropane	0.00025	0.000125	mg/kg	0.28	R4 Inverts	0.0009	0.0004
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	VOCs	0.91	78-87-5	1,2-Dichloropropane	0.00025	0.000125	mg/kg	0.28	R4 Inverts	0.0009	0.0004
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	VOCs	0.91	78-87-5	1,2-Dichloropropane	0.00025	0.000125	mg/kg	0.28	R4 Inverts	0.0009	0.0004
DU-1	SA176	SA176-0.5B	6/10/2009	VOCs	0.92	78-87-5	1,2-Dichloropropane	0.00025	0.000125	mg/kg	0.28	R4 Inverts	0.0009	0.0004
DU-1	SA185	SA185-0.5B	6/29/2009	VOCs	0.89	78-87-5	1,2-Dichloropropane	0.00025	0.000125	mg/kg	0.28	R4 Inverts	0.0009	0.0004
DU-1	SA152	SA152009-0.5B	6/4/2009	VOCs	0.9	78-87-5	1,2-Dichloropropane	0.00025	0.000125	mg/kg	0.28	R4 Inverts	0.0009	0.0004
DU-3	SA64	SA64-0.5B	6/19/2009	VOCs	0.88	78-87-5	1,2-Dichloropropane	0.00025	0.000125	mg/kg	0.28	R4 Inverts	0.0009	0.0004
DU-1	SA173	SA173-0.5B	7/27/2009	VOCs	0.9	78-87-5	1,2-Dichloropropane	0.00025	0.000125	mg/kg	0.28	R4 Inverts	0.0009	0.0004
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	VOCs	0.91	78-87-5	1,2-Dichloropropane	0.00025	0.000125	mg/kg	0.28	R4 Inverts	0.0009	0.0004
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	VOCs	0.86	78-87-5	1,2-Dichloropropane	0.00024	0.00012	mg/kg	0.28	R4 Inverts	0.0009	0.0004
DU-1	SA55	SA55-0.5B	6/10/2009	VOCs	0.89	78-87-5	1,2-Dichloropropane	0.00024	0.00012	mg/kg	0.28	R4 Inverts	0.0009	0.0004

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA189	SA189-0.5B	6/4/2009	VOCs	0.85	78-87-5	1,2-Dichloropropane	0.00024	0.00012	mg/kg	0.28	R4 Inverts	0.0009	0.0004
DU-1	SA92	SA92-0.5B	6/17/2009	VOCs	0.89	78-87-5	1,2-Dichloropropane	0.00024	0.00012	mg/kg	0.28	R4 Inverts	0.0009	0.0004
DU-1	SA158	SA158-0.5B	6/17/2009	VOCs	0.85	78-87-5	1,2-Dichloropropane	0.00023	0.000115	mg/kg	0.28	R4 Inverts	0.0008	0.0004
DU-1	SA179	SA179-0.5B	7/28/2009	VOCs	0.79	78-87-5	1,2-Dichloropropane	0.00023	0.000115	mg/kg	0.28	R4 Inverts	0.0008	0.0004
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	VOCs	0.74	78-87-5	1,2-Dichloropropane	0.00022	0.00011	mg/kg	0.28	R4 Inverts	0.0008	0.0004
DU-1	SA73	SA73-0.5B	7/29/2009	VOCs	0.77	78-87-5	1,2-Dichloropropane	0.00022	0.00011	mg/kg	0.28	R4 Inverts	0.0008	0.0004
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	VOCs	0.76	78-87-5	1,2-Dichloropropane	0.00021	0.000105	mg/kg	0.28	R4 Inverts	0.0008	0.0004
DU-1	SA74	SA74-0.5B	7/15/2009	VOCs	0.72	78-87-5	1,2-Dichloropropane	0.00021	0.000105	mg/kg	0.28	R4 Inverts	0.0008	0.0004
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	VOCs	0.71	78-87-5	1,2-Dichloropropane	0.0002	0.0001	mg/kg	0.28	R4 Inverts	0.0007	0.0004
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	VOCs	0.68	78-87-5	1,2-Dichloropropane	0.0002	0.0001	mg/kg	0.28	R4 Inverts	0.0007	0.0004
DU-1	SA74	SA74009-0.5B	7/15/2009	VOCs	0.65	78-87-5	1,2-Dichloropropane	0.00019	0.000095	mg/kg	0.28	R4 Inverts	0.0007	0.0003
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	VOCs	0.63	78-87-5	1,2-Dichloropropane	0.00018	0.00009	mg/kg	0.28	R4 Inverts	0.0006	0.0003
DU-1	SA72	SA72-0.5B	7/27/2009	VOCs	0.64	78-87-5	1,2-Dichloropropane	0.00018	0.00009	mg/kg	0.28	R4 Inverts	0.0006	0.0003
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	VOCs	0.6	78-87-5	1,2-Dichloropropane	0.00017	0.000085	mg/kg	0.28	R4 Inverts	0.0006	0.0003
DU-1	SA173	SA173009-0.5B	7/27/2009	VOCs	0.58	78-87-5	1,2-Dichloropropane	0.00016	0.00008	mg/kg	0.28	R4 Inverts	0.0006	0.0003
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	108-70-3	1,3,5-Trichlorobenzene	0.00073	0.000365	mg/kg	0.07	R4 Inverts	0.01	0.005
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	108-70-3	1,3,5-Trichlorobenzene	0.00072	0.00036	mg/kg	0.07	R4 Inverts	0.01	0.005
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	108-70-3	1,3,5-Trichlorobenzene	0.00071	0.000355	mg/kg	0.07	R4 Inverts	0.01	0.005
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	108-70-3	1,3,5-Trichlorobenzene	0.0007	0.00035	mg/kg	0.07	R4 Inverts	0.01	0.005
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	108-70-3	1,3,5-Trichlorobenzene	0.0007	0.00035	mg/kg	0.07	R4 Inverts	0.01	0.005
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	108-70-3	1,3,5-Trichlorobenzene	0.0007	0.00035	mg/kg	0.07	R4 Inverts	0.01	0.005
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	108-70-3	1,3,5-Trichlorobenzene	0.00068	0.00034	mg/kg	0.07	R4 Inverts	0.01	0.005
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0062	0.0031	mg/kg	0.16	R4 Inverts	0.04	0.02
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0059	0.00295	mg/kg	0.16	R4 Inverts	0.04	0.02
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0057	0.00285	mg/kg	0.16	R4 Inverts	0.04	0.02
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0056	0.0028	mg/kg	0.16	R4 Inverts	0.04	0.02
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0056	0.0028	mg/kg	0.16	R4 Inverts	0.04	0.02
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0055	0.00275	mg/kg	0.16	R4 Inverts	0.03	0.02
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0055	0.00275	mg/kg	0.16	R4 Inverts	0.03	0.02
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0055	0.00275	mg/kg	0.16	R4 Inverts	0.03	0.02
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0054	0.0027	mg/kg	0.16	R4 Inverts	0.03	0.02
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0053	0.00265	mg/kg	0.16	R4 Inverts	0.03	0.02
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0053	0.00265	mg/kg	0.16	R4 Inverts	0.03	0.02
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0053	0.00265	mg/kg	0.16	R4 Inverts	0.03	0.02
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0053	0.00265	mg/kg	0.16	R4 Inverts	0.03	0.02
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0052	0.0026	mg/kg	0.16	R4 Inverts	0.03	0.02
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	108-67-8	1,3,5-Trimethylbenzene	0.0049	0.00245	mg/kg	0.16	R4 Inverts	0.03	0.02
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0019	0.00095	mg/kg	0.16	R4 Inverts	0.01	0.006
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0016	0.0008	mg/kg	0.16	R4 Inverts	0.01	0.005
DU-1	RISB-37	RISB-37-0.5-20141117	11/17/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0012	0.0006	mg/kg	0.16	R4 Inverts	0.008	0.004
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0011	0.00055	mg/kg	0.16	R4 Inverts	0.007	0.003
DU-1	RISB-31	RISB-31-0.5-20141119	11/19/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0011	0.00055	mg/kg	0.16	R4 Inverts	0.007	0.003
DU-1	SA157	SA157-0.5B	10/20/2009	VOCs	1.89	108-67-8	1,3,5-Trimethylbenzene	0.0011	0.00055	mg/kg	0.16	R4 Inverts	0.007	0.003
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0011	0.00055	mg/kg	0.16	R4 Inverts	0.007	0.003
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0011	0.00055	mg/kg	0.16	R4 Inverts	0.007	0.003
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RISB-34	RISB-34-0.5-20141119	11/19/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RISB-30	RISB-30-0.5-20141118	11/18/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RISB-35	RISB-35-0.5-20141119	11/19/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RISB-53	RISB-53-0.5-20141106	11/6/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RISB-54	RISB-54-0.5-20141117	11/17/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RISB-33	RISB-33-0.5-20141119	11/19/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RISB-36	RISB-36-0.5-20141118	11/18/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RISB-55	RISB-55-0.5-20141114	11/14/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.001	0.0005	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00099	0.000495	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00098	0.00049	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-2	RISB-56	RISB-56-0.5-20141104	11/4/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00098	0.00049	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00097	0.000485	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00096	0.00048	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00096	0.00048	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00096	0.00048	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00096	0.00048	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00095	0.000475	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00095	0.000475	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-3	SA65	SA65-10B	8/25/2009	VOCs	1.68	108-67-8	1,3,5-Trimethylbenzene	0.00095	0.000475	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RISB-32	RISB-32-0.5-20141120	11/20/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00095	0.000475	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00095	0.000475	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00094	0.00047	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00094	0.00047	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00093	0.000465	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00088	0.00044	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-2	RISB-57	RISB-57-0.5-20141103	11/3/2014	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00088	0.00044	mg/kg	0.16	R4 Inverts	0.006	0.003
DU-2	SA103	SA103-0.5B	10/6/2009	VOCs	1.34	108-67-8	1,3,5-Trimethylbenzene	0.00075	0.000375	mg/kg	0.16	R4 Inverts	0.005	0.002
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	VOCs	1.14	108-67-8	1,3,5-Trimethylbenzene	0.00065	0.000325	mg/kg	0.16	R4 Inverts	0.004	0.002
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	108-67-8	1,3,5-Trimethylbenzene	0.00061	0.000305	mg/kg	0.16	R4 Inverts	0.004	0.002
DU-2	SA116	SA116-0.5B	9/2/2009	VOCs	1.08	108-67-8	1,3,5-Trimethylbenzene	0.00061	0.000305	mg/kg	0.16	R4 Inverts	0.004	0.002
DU-2	SA212	SA212-0.5B	9/28/2009	VOCs	1.09	108-67-8	1,3,5-Trimethylbenzene	0.0006	0.0003	mg/kg	0.16	R4 Inverts	0.004	0.002
DU-1	SA141	SA141009-14B	10/15/2009	VOCs	1.07	108-67-8	1,3,5-Trimethylbenzene	0.0006	0.0003	mg/kg	0.16	R4 Inverts	0.004	0.002
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	VOCs	1.04	108-67-8	1,3,5-Trimethylbenzene	0.00059	0.000295	mg/kg	0.16	R4 Inverts	0.004	0.002
DU-2	SA121	SA121009-0.5B	9/25/2009	VOCs	1.02	108-67-8	1,3,5-Trimethylbenzene	0.00058	0.00029	mg/kg	0.16	R4 Inverts	0.004	0.002
DU-2	SA138	SA138-0.5B	10/6/2009	VOCs	1.03	108-67-8	1,3,5-Trimethylbenzene	0.00057	0.000285	mg/kg	0.16	R4 Inverts	0.004	0.002
DU-3	SA128	SA128-10B	9/16/2009	VOCs	0.99	108-67-8	1,3,5-Trimethylbenzene	0.00056	0.00028	mg/kg	0.16	R4 Inverts	0.004	0.002
DU-1	SA171	SA171-5B	10/19/2009	VOCs	0.98	108-67-8	1,3,5-Trimethylbenzene	0.00056	0.00028	mg/kg	0.16	R4 Inverts	0.004	0.002
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00055	0.000275	mg/kg	0.16	R4 Inverts	0.003	0.002
DU-1	SA151	SA151-0.5B	9/17/2009	VOCs	0.99	108-67-8	1,3,5-Trimethylbenzene	0.00055	0.000275	mg/kg	0.16	R4 Inverts	0.003	0.002
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	108-67-8	1,3,5-Trimethylbenzene	0.00055	0.000275	mg/kg	0.16	R4 Inverts	0.003	0.002

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	108-67-8	1,3,5-Trimethylbenzene	0.00055	0.000275	mg/kg	0.16	R4 Inverts	0.003	0.002
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	108-67-8	1,3,5-Trimethylbenzene	0.00055	0.000275	mg/kg	0.16	R4 Inverts	0.003	0.002
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	VOCs	0.98	108-67-8	1,3,5-Trimethylbenzene	0.00054	0.00027	mg/kg	0.16	R4 Inverts	0.003	0.002
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	108-67-8	1,3,5-Trimethylbenzene	0.00052	0.00026	mg/kg	0.16	R4 Inverts	0.003	0.002
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	VOCs	0.95	108-67-8	1,3,5-Trimethylbenzene	0.00052	0.00026	mg/kg	0.16	R4 Inverts	0.003	0.002
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	VOCs	0.93	108-67-8	1,3,5-Trimethylbenzene	0.00052	0.00026	mg/kg	0.16	R4 Inverts	0.003	0.002
DU-2	SA28	SA28-0.5B	8/3/2009	VOCs	0.92	108-67-8	1,3,5-Trimethylbenzene	0.00052	0.00026	mg/kg	0.16	R4 Inverts	0.003	0.002
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	VOCs	1.15	108-67-8	1,3,5-Trimethylbenzene	0.00051	0.000255	mg/kg	0.16	R4 Inverts	0.003	0.002
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	VOCs	1.08	108-67-8	1,3,5-Trimethylbenzene	0.00051	0.000255	mg/kg	0.16	R4 Inverts	0.003	0.002
DU-1	SA87	SA87-0.5B	6/25/2008	VOCs	1.02	108-67-8	1,3,5-Trimethylbenzene	0.00051	0.000255	mg/kg	0.16	R4 Inverts	0.003	0.002
DU-1	SA180	SA180-0.5BD	6/26/2008	VOCs	0.95	108-67-8	1,3,5-Trimethylbenzene	0.00051	0.000255	mg/kg	0.16	R4 Inverts	0.003	0.002
DU-1	SA180	SA180-0.5B	6/26/2008	VOCs	0.91	108-67-8	1,3,5-Trimethylbenzene	0.00051	0.000255	mg/kg	0.16	R4 Inverts	0.003	0.002
DU-1	SSAN7-06	SSAN7-06-0.5BPC	9/7/2010	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00051	0.000255	mg/kg	0.16	R4 Inverts	0.003	0.002
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	108-67-8	1,3,5-Trimethylbenzene	0.00051	0.000255	mg/kg	0.16	R4 Inverts	0.003	0.002
DU-1	RSAO7	RSAO7-9B	10/12/2009	VOCs	0.89	108-67-8	1,3,5-Trimethylbenzene	0.0005	0.00025	mg/kg	0.16	R4 Inverts	0.003	0.002
DU-2	SA146	SA146-0.5B	8/4/2009	VOCs	0.88	108-67-8	1,3,5-Trimethylbenzene	0.00049	0.000245	mg/kg	0.16	R4 Inverts	0.003	0.002
DU-2	SA147	SA147-0.5B	8/4/2009	VOCs	0.83	108-67-8	1,3,5-Trimethylbenzene	0.00048	0.00024	mg/kg	0.16	R4 Inverts	0.003	0.002
DU-2	SA121	SA121-0.5B	9/25/2009	VOCs	0.81	108-67-8	1,3,5-Trimethylbenzene	0.00046	0.00023	mg/kg	0.16	R4 Inverts	0.003	0.001
DU-1	SSAO7-06	SSAO7-06-0.5BPC	9/27/2010	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00044	0.00022	mg/kg	0.16	R4 Inverts	0.003	0.001
DU-1	SA69	SA69-0.5B	7/7/2009	VOCs	0.72	108-67-8	1,3,5-Trimethylbenzene	0.00042	0.00021	mg/kg	0.16	R4 Inverts	0.003	0.001
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00042	0.00021	mg/kg	0.16	R4 Inverts	0.003	0.001
DU-1	SSAO8-05	SSAO8-05-0.5BPC	9/27/2010	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00041	0.000205	mg/kg	0.16	R4 Inverts	0.003	0.001
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	VOCs	1.33	108-67-8	1,3,5-Trimethylbenzene	0.0004	0.0002	mg/kg	0.16	R4 Inverts	0.003	0.001
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0004	0.0002	mg/kg	0.16	R4 Inverts	0.003	0.001
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	VOCs	0.71	108-67-8	1,3,5-Trimethylbenzene	0.00039	0.000195	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00039	0.000195	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	SA71	SA71-0.5B	6/16/2009	VOCs	1.2	108-67-8	1,3,5-Trimethylbenzene	0.00036	0.00018	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	VOCs	0.63	108-67-8	1,3,5-Trimethylbenzene	0.00035	0.000175	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	VOCs	0.63	108-67-8	1,3,5-Trimethylbenzene	0.00035	0.000175	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-3	SA197	SA197-0.5B	6/19/2009	VOCs	1.07	108-67-8	1,3,5-Trimethylbenzene	0.00034	0.00017	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	SA145	SA145-0.5B	6/12/2009	VOCs	1.14	108-67-8	1,3,5-Trimethylbenzene	0.00034	0.00017	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00034	0.00017	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	VOCs	1.09	108-67-8	1,3,5-Trimethylbenzene	0.00033	0.000165	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	VOCs	1.08	108-67-8	1,3,5-Trimethylbenzene	0.00033	0.000165	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00033	0.000165	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00033	0.000165	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	SSAN8-07	SSAN8-07-0.5BPC	9/7/2010	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00033	0.000165	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	SSAO8-08	SSAO8-08-0.5BPC	9/27/2010	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00033	0.000165	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00033	0.000165	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	VOCs	0.99	108-67-8	1,3,5-Trimethylbenzene	0.00032	0.00016	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	VOCs	1.04	108-67-8	1,3,5-Trimethylbenzene	0.00032	0.00016	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	108-67-8	1,3,5-Trimethylbenzene	0.00032	0.00016	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	108-67-8	1,3,5-Trimethylbenzene	0.00031	0.000155	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	SA186	SA186-0.5B	6/29/2009	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00031	0.000155	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	SA166	SA166-0.5B	6/11/2009	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00031	0.000155	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	SA85	SA85-0.5B	6/16/2009	VOCs	1.02	108-67-8	1,3,5-Trimethylbenzene	0.00031	0.000155	mg/kg	0.16	R4 Inverts	0.002	0.001
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	108-67-8	1,3,5-Trimethylbenzene	0.0003	0.00015	mg/kg	0.16	R4 Inverts	0.002	0.0009
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	108-67-8	1,3,5-Trimethylbenzene	0.0003	0.00015	mg/kg	0.16	R4 Inverts	0.002	0.0009
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	VOCs	0.97	108-67-8	1,3,5-Trimethylbenzene	0.0003	0.00015	mg/kg	0.16	R4 Inverts	0.002	0.0009
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	VOCs	0.97	108-67-8	1,3,5-Trimethylbenzene	0.0003	0.00015	mg/kg	0.16	R4 Inverts	0.002	0.0009
DU-1	SA62	SA62-0.5B	6/16/2009	VOCs	0.97	108-67-8	1,3,5-Trimethylbenzene	0.0003	0.00015	mg/kg	0.16	R4 Inverts	0.002	0.0009
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0003	0.00015	mg/kg	0.16	R4 Inverts	0.002	0.0009

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA50	SA50-0.5B	6/30/2009	VOCs	0.97	108-67-8	1,3,5-Trimethylbenzene	0.0003	0.00015	mg/kg	0.16	R4 Inverts	0.002	0.0009
DU-1	SA75	SA75-0.5B	7/17/2009	VOCs	0.91	108-67-8	1,3,5-Trimethylbenzene	0.00029	0.000145	mg/kg	0.16	R4 Inverts	0.002	0.0009
DU-1	SA152	SA152-0.5B	6/4/2009	VOCs	0.93	108-67-8	1,3,5-Trimethylbenzene	0.00029	0.000145	mg/kg	0.16	R4 Inverts	0.002	0.0009
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	VOCs	0.93	108-67-8	1,3,5-Trimethylbenzene	0.00028	0.00014	mg/kg	0.16	R4 Inverts	0.002	0.0009
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	VOCs	0.91	108-67-8	1,3,5-Trimethylbenzene	0.00028	0.00014	mg/kg	0.16	R4 Inverts	0.002	0.0009
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	VOCs	0.91	108-67-8	1,3,5-Trimethylbenzene	0.00028	0.00014	mg/kg	0.16	R4 Inverts	0.002	0.0009
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	VOCs	0.91	108-67-8	1,3,5-Trimethylbenzene	0.00028	0.00014	mg/kg	0.16	R4 Inverts	0.002	0.0009
DU-1	SA176	SA176-0.5B	6/10/2009	VOCs	0.92	108-67-8	1,3,5-Trimethylbenzene	0.00028	0.00014	mg/kg	0.16	R4 Inverts	0.002	0.0009
DU-1	SA185	SA185-0.5B	6/29/2009	VOCs	0.89	108-67-8	1,3,5-Trimethylbenzene	0.00028	0.00014	mg/kg	0.16	R4 Inverts	0.002	0.0009
DU-3	SA64	SA64-0.5B	6/19/2009	VOCs	0.88	108-67-8	1,3,5-Trimethylbenzene	0.00028	0.00014	mg/kg	0.16	R4 Inverts	0.002	0.0009
DU-1	SA173	SA173-0.5B	7/27/2009	VOCs	0.9	108-67-8	1,3,5-Trimethylbenzene	0.00028	0.00014	mg/kg	0.16	R4 Inverts	0.002	0.0009
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	VOCs	0.91	108-67-8	1,3,5-Trimethylbenzene	0.00028	0.00014	mg/kg	0.16	R4 Inverts	0.002	0.0009
DU-1	SA55	SA55-0.5B	6/10/2009	VOCs	0.89	108-67-8	1,3,5-Trimethylbenzene	0.00027	0.000135	mg/kg	0.16	R4 Inverts	0.002	0.0008
DU-1	SA152	SA152009-0.5B	6/4/2009	VOCs	0.9	108-67-8	1,3,5-Trimethylbenzene	0.00027	0.000135	mg/kg	0.16	R4 Inverts	0.002	0.0008
DU-1	SA189	SA189-0.5B	6/4/2009	VOCs	0.85	108-67-8	1,3,5-Trimethylbenzene	0.00027	0.000135	mg/kg	0.16	R4 Inverts	0.002	0.0008
DU-1	SA92	SA92-0.5B	6/17/2009	VOCs	0.89	108-67-8	1,3,5-Trimethylbenzene	0.00027	0.000135	mg/kg	0.16	R4 Inverts	0.002	0.0008
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	VOCs	0.86	108-67-8	1,3,5-Trimethylbenzene	0.00026	0.00013	mg/kg	0.16	R4 Inverts	0.002	0.0008
DU-1	SA158	SA158-0.5B	6/17/2009	VOCs	0.85	108-67-8	1,3,5-Trimethylbenzene	0.00026	0.00013	mg/kg	0.16	R4 Inverts	0.002	0.0008
DU-1	SA179	SA179-0.5B	7/28/2009	VOCs	0.79	108-67-8	1,3,5-Trimethylbenzene	0.00026	0.00013	mg/kg	0.16	R4 Inverts	0.002	0.0008
DU-1	SA73	SA73-0.5B	7/29/2009	VOCs	0.77	108-67-8	1,3,5-Trimethylbenzene	0.00025	0.000125	mg/kg	0.16	R4 Inverts	0.002	0.0008
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	VOCs	0.76	108-67-8	1,3,5-Trimethylbenzene	0.00024	0.00012	mg/kg	0.16	R4 Inverts	0.002	0.0008
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	VOCs	0.74	108-67-8	1,3,5-Trimethylbenzene	0.00024	0.00012	mg/kg	0.16	R4 Inverts	0.002	0.0008
DU-1	SA74	SA74-0.5B	7/15/2009	VOCs	0.72	108-67-8	1,3,5-Trimethylbenzene	0.00023	0.000115	mg/kg	0.16	R4 Inverts	0.001	0.0007
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00023	0.000115	mg/kg	0.16	R4 Inverts	0.001	0.0007
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	VOCs	0.71	108-67-8	1,3,5-Trimethylbenzene	0.00022	0.00011	mg/kg	0.16	R4 Inverts	0.001	0.0007
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	VOCs	0.68	108-67-8	1,3,5-Trimethylbenzene	0.00022	0.00011	mg/kg	0.16	R4 Inverts	0.001	0.0007
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00022	0.00011	mg/kg	0.16	R4 Inverts	0.001	0.0007
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00022	0.00011	mg/kg	0.16	R4 Inverts	0.001	0.0007
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00022	0.00011	mg/kg	0.16	R4 Inverts	0.001	0.0007
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00022	0.00011	mg/kg	0.16	R4 Inverts	0.001	0.0007
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00022	0.00011	mg/kg	0.16	R4 Inverts	0.001	0.0007
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00021	0.000105	mg/kg	0.16	R4 Inverts	0.001	0.0007
DU-1	SA74	SA74009-0.5B	7/15/2009	VOCs	0.65	108-67-8	1,3,5-Trimethylbenzene	0.00021	0.000105	mg/kg	0.16	R4 Inverts	0.001	0.0007
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	VOCs	0.63	108-67-8	1,3,5-Trimethylbenzene	0.0002	0.0001	mg/kg	0.16	R4 Inverts	0.001	0.0006
DU-1	SA72	SA72-0.5B	7/27/2009	VOCs	0.64	108-67-8	1,3,5-Trimethylbenzene	0.0002	0.0001	mg/kg	0.16	R4 Inverts	0.001	0.0006
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	VOCs	0.6	108-67-8	1,3,5-Trimethylbenzene	0.00019	0.000095	mg/kg	0.16	R4 Inverts	0.001	0.0006
DU-1	SA173	SA173009-0.5B	7/27/2009	VOCs	0.58	108-67-8	1,3,5-Trimethylbenzene	0.00018	0.00009	mg/kg	0.16	R4 Inverts	0.001	0.0006
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0062	0.0031	mg/kg	0.08	R4 Inverts	0.08	0.04
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0059	0.00295	mg/kg	0.08	R4 Inverts	0.07	0.04
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0057	0.00285	mg/kg	0.08	R4 Inverts	0.07	0.04
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0056	0.0028	mg/kg	0.08	R4 Inverts	0.07	0.04
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0056	0.0028	mg/kg	0.08	R4 Inverts	0.07	0.04
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0055	0.00275	mg/kg	0.08	R4 Inverts	0.07	0.03
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0055	0.00275	mg/kg	0.08	R4 Inverts	0.07	0.03
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0055	0.00275	mg/kg	0.08	R4 Inverts	0.07	0.03
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0054	0.0027	mg/kg	0.08	R4 Inverts	0.07	0.03
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0053	0.00265	mg/kg	0.08	R4 Inverts	0.07	0.03
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0053	0.00265	mg/kg	0.08	R4 Inverts	0.07	0.03
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0053	0.00265	mg/kg	0.08	R4 Inverts	0.07	0.03
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0053	0.00265	mg/kg	0.08	R4 Inverts	0.07	0.03
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0052	0.0026	mg/kg	0.08	R4 Inverts	0.07	0.03
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	541-73-1	1,3-Dichlorobenzene	0.0049	0.00245	mg/kg	0.08	R4 Inverts	0.06	0.03

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA157	SA157-0.5B	10/20/2009	VOCs	1.89	541-73-1	1,3-Dichlorobenzene	0.0011	0.00055	mg/kg	0.08	R4 Inverts	0.01	0.007
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00097	0.000485	mg/kg	0.08	R4 Inverts	0.01	0.006
DU-3	SA65	SA65-10B	8/25/2009	VOCs	1.68	541-73-1	1,3-Dichlorobenzene	0.00095	0.000475	mg/kg	0.08	R4 Inverts	0.01	0.006
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00082	0.00041	mg/kg	0.08	R4 Inverts	0.01	0.005
DU-2	SA103	SA103-0.5B	10/6/2009	VOCs	1.34	541-73-1	1,3-Dichlorobenzene	0.00075	0.000375	mg/kg	0.08	R4 Inverts	0.009	0.005
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	VOCs	1.33	541-73-1	1,3-Dichlorobenzene	0.00067	0.000335	mg/kg	0.08	R4 Inverts	0.008	0.004
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	VOCs	1.14	541-73-1	1,3-Dichlorobenzene	0.00065	0.000325	mg/kg	0.08	R4 Inverts	0.008	0.004
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	541-73-1	1,3-Dichlorobenzene	0.00061	0.000305	mg/kg	0.08	R4 Inverts	0.008	0.004
DU-2	SA116	SA116-0.5B	9/2/2009	VOCs	1.08	541-73-1	1,3-Dichlorobenzene	0.00061	0.000305	mg/kg	0.08	R4 Inverts	0.008	0.004
DU-1	SA71	SA71-0.5B	6/16/2009	VOCs	1.2	541-73-1	1,3-Dichlorobenzene	0.00061	0.000305	mg/kg	0.08	R4 Inverts	0.008	0.004
DU-2	SA212	SA212-0.5B	9/28/2009	VOCs	1.09	541-73-1	1,3-Dichlorobenzene	0.0006	0.0003	mg/kg	0.08	R4 Inverts	0.008	0.004
DU-1	SA141	SA141009-14B	10/15/2009	VOCs	1.07	541-73-1	1,3-Dichlorobenzene	0.0006	0.0003	mg/kg	0.08	R4 Inverts	0.008	0.004
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	VOCs	1.04	541-73-1	1,3-Dichlorobenzene	0.00059	0.000295	mg/kg	0.08	R4 Inverts	0.007	0.004
DU-1	RISB-37	RISB-37-0.5-20141117	11/17/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00058	0.00029	mg/kg	0.08	R4 Inverts	0.007	0.004
DU-2	SA121	SA121009-0.5B	9/25/2009	VOCs	1.02	541-73-1	1,3-Dichlorobenzene	0.00058	0.00029	mg/kg	0.08	R4 Inverts	0.007	0.004
DU-1	SA145	SA145-0.5B	6/12/2009	VOCs	1.14	541-73-1	1,3-Dichlorobenzene	0.00058	0.00029	mg/kg	0.08	R4 Inverts	0.007	0.004
DU-3	SA197	SA197-0.5B	6/19/2009	VOCs	1.07	541-73-1	1,3-Dichlorobenzene	0.00057	0.000285	mg/kg	0.08	R4 Inverts	0.007	0.004
DU-2	SA138	SA138-0.5B	10/6/2009	VOCs	1.03	541-73-1	1,3-Dichlorobenzene	0.00057	0.000285	mg/kg	0.08	R4 Inverts	0.007	0.004
DU-3	SA128	SA128-10B	9/16/2009	VOCs	0.99	541-73-1	1,3-Dichlorobenzene	0.00056	0.00028	mg/kg	0.08	R4 Inverts	0.007	0.004
DU-1	SA171	SA171-5B	10/19/2009	VOCs	0.98	541-73-1	1,3-Dichlorobenzene	0.00056	0.00028	mg/kg	0.08	R4 Inverts	0.007	0.004
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	VOCs	1.09	541-73-1	1,3-Dichlorobenzene	0.00055	0.000275	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	VOCs	1.08	541-73-1	1,3-Dichlorobenzene	0.00055	0.000275	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	SA151	SA151-0.5B	9/17/2009	VOCs	0.99	541-73-1	1,3-Dichlorobenzene	0.00055	0.000275	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	541-73-1	1,3-Dichlorobenzene	0.00055	0.000275	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	541-73-1	1,3-Dichlorobenzene	0.00055	0.000275	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	541-73-1	1,3-Dichlorobenzene	0.00055	0.000275	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	541-73-1	1,3-Dichlorobenzene	0.00055	0.000275	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00055	0.000275	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	541-73-1	1,3-Dichlorobenzene	0.00055	0.000275	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00054	0.00027	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	RISB-31	RISB-31-0.5-20141119	11/19/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00054	0.00027	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	VOCs	0.99	541-73-1	1,3-Dichlorobenzene	0.00054	0.00027	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	VOCs	0.98	541-73-1	1,3-Dichlorobenzene	0.00054	0.00027	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	VOCs	1.15	541-73-1	1,3-Dichlorobenzene	0.00053	0.000265	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	VOCs	1.04	541-73-1	1,3-Dichlorobenzene	0.00053	0.000265	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	VOCs	1.08	541-73-1	1,3-Dichlorobenzene	0.00053	0.000265	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	541-73-1	1,3-Dichlorobenzene	0.00053	0.000265	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	SA87	SA87-0.5B	6/25/2008	VOCs	1.02	541-73-1	1,3-Dichlorobenzene	0.00053	0.000265	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	SA180	SA180-0.5BD	6/26/2008	VOCs	0.95	541-73-1	1,3-Dichlorobenzene	0.00053	0.000265	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	SA180	SA180-0.5B	6/26/2008	VOCs	0.91	541-73-1	1,3-Dichlorobenzene	0.00053	0.000265	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	SA85	SA85-0.5B	6/16/2009	VOCs	1.02	541-73-1	1,3-Dichlorobenzene	0.00053	0.000265	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00053	0.000265	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	541-73-1	1,3-Dichlorobenzene	0.00053	0.000265	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00052	0.00026	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00052	0.00026	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00052	0.00026	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	541-73-1	1,3-Dichlorobenzene	0.00052	0.00026	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00052	0.00026	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	541-73-1	1,3-Dichlorobenzene	0.00052	0.00026	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	VOCs	0.95	541-73-1	1,3-Dichlorobenzene	0.00052	0.00026	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	VOCs	0.93	541-73-1	1,3-Dichlorobenzene	0.00052	0.00026	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	SA186	SA186-0.5B	6/29/2009	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00052	0.00026	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	SA166	SA166-0.5B	6/11/2009	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00052	0.00026	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-2	SA28	SA28-0.5B	8/3/2009	VOCs	0.92	541-73-1	1,3-Dichlorobenzene	0.00052	0.00026	mg/kg	0.08	R4 Inverts	0.007	0.003

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00052	0.00026	mg/kg	0.08	R4 Inverts	0.007	0.003
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00051	0.000255	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RISB-30	RISB-30-0.5-20141118	11/18/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00051	0.000255	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RISB-35	RISB-35-0.5-20141119	11/19/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00051	0.000255	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RISB-54	RISB-54-0.5-20141117	11/17/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00051	0.000255	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RISB-33	RISB-33-0.5-20141119	11/19/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00051	0.000255	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RISB-36	RISB-36-0.5-20141118	11/18/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00051	0.000255	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00051	0.000255	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00051	0.000255	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00051	0.000255	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00051	0.000255	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00051	0.000255	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	SA50	SA50-0.5B	6/30/2009	VOCs	0.97	541-73-1	1,3-Dichlorobenzene	0.00051	0.000255	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00051	0.000255	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00051	0.000255	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00051	0.000255	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00051	0.000255	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0005	0.00025	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0005	0.00025	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0005	0.00025	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RISB-34	RISB-34-0.5-20141119	11/19/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0005	0.00025	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0005	0.00025	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RISB-53	RISB-53-0.5-20141106	11/6/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0005	0.00025	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	541-73-1	1,3-Dichlorobenzene	0.0005	0.00025	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	541-73-1	1,3-Dichlorobenzene	0.0005	0.00025	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	541-73-1	1,3-Dichlorobenzene	0.0005	0.00025	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	541-73-1	1,3-Dichlorobenzene	0.0005	0.00025	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	VOCs	0.97	541-73-1	1,3-Dichlorobenzene	0.0005	0.00025	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RSAO7	RSAO7-9B	10/12/2009	VOCs	0.89	541-73-1	1,3-Dichlorobenzene	0.0005	0.00025	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	VOCs	0.97	541-73-1	1,3-Dichlorobenzene	0.0005	0.00025	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	SA62	SA62-0.5B	6/16/2009	VOCs	0.97	541-73-1	1,3-Dichlorobenzene	0.0005	0.00025	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RISB-55	RISB-55-0.5-20141114	11/14/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0005	0.00025	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0005	0.00025	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00049	0.000245	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-2	SA146	SA146-0.5B	8/4/2009	VOCs	0.88	541-73-1	1,3-Dichlorobenzene	0.00049	0.000245	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-2	RISB-56	RISB-56-0.5-20141104	11/4/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00049	0.000245	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00048	0.00024	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00048	0.00024	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	VOCs	0.93	541-73-1	1,3-Dichlorobenzene	0.00048	0.00024	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00048	0.00024	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00048	0.00024	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-2	SA147	SA147-0.5B	8/4/2009	VOCs	0.83	541-73-1	1,3-Dichlorobenzene	0.00048	0.00024	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	SA176	SA176-0.5B	6/10/2009	VOCs	0.92	541-73-1	1,3-Dichlorobenzene	0.00048	0.00024	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	SA152	SA152-0.5B	6/4/2009	VOCs	0.93	541-73-1	1,3-Dichlorobenzene	0.00048	0.00024	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	SA75	SA75-0.5B	7/17/2009	VOCs	0.91	541-73-1	1,3-Dichlorobenzene	0.00048	0.00024	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00048	0.00024	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00048	0.00024	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00048	0.00024	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00047	0.000235	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00047	0.000235	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00047	0.000235	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00047	0.000235	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	VOCs	0.91	541-73-1	1,3-Dichlorobenzene	0.00047	0.000235	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00047	0.000235	mg/kg	0.08	R4 Inverts	0.006	0.003

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	VOCs	0.91	541-73-1	1,3-Dichlorobenzene	0.00047	0.000235	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	SA185	SA185-0.5B	6/29/2009	VOCs	0.89	541-73-1	1,3-Dichlorobenzene	0.00047	0.000235	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-3	SA64	SA64-0.5B	6/19/2009	VOCs	0.88	541-73-1	1,3-Dichlorobenzene	0.00047	0.000235	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	SA173	SA173-0.5B	7/27/2009	VOCs	0.9	541-73-1	1,3-Dichlorobenzene	0.00047	0.000235	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RISB-32	RISB-32-0.5-20141120	11/20/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00047	0.000235	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	VOCs	0.91	541-73-1	1,3-Dichlorobenzene	0.00047	0.000235	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	VOCs	0.91	541-73-1	1,3-Dichlorobenzene	0.00046	0.00023	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-2	SA121	SA121-0.5B	9/25/2009	VOCs	0.81	541-73-1	1,3-Dichlorobenzene	0.00046	0.00023	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	SA55	SA55-0.5B	6/10/2009	VOCs	0.89	541-73-1	1,3-Dichlorobenzene	0.00046	0.00023	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	SA152	SA152009-0.5B	6/4/2009	VOCs	0.9	541-73-1	1,3-Dichlorobenzene	0.00046	0.00023	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	SA189	SA189-0.5B	6/4/2009	VOCs	0.85	541-73-1	1,3-Dichlorobenzene	0.00045	0.000225	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	SA92	SA92-0.5B	6/17/2009	VOCs	0.89	541-73-1	1,3-Dichlorobenzene	0.00045	0.000225	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00044	0.00022	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-2	RISB-57	RISB-57-0.5-20141103	11/3/2014	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00044	0.00022	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	VOCs	0.86	541-73-1	1,3-Dichlorobenzene	0.00044	0.00022	mg/kg	0.08	R4 Inverts	0.006	0.003
DU-1	SA158	SA158-0.5B	6/17/2009	VOCs	0.85	541-73-1	1,3-Dichlorobenzene	0.00043	0.000215	mg/kg	0.08	R4 Inverts	0.005	0.003
DU-1	SSAN7-06	SSAN7-06-0.5BPC	9/7/2010	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00043	0.000215	mg/kg	0.08	R4 Inverts	0.005	0.003
DU-1	SA179	SA179-0.5B	7/28/2009	VOCs	0.79	541-73-1	1,3-Dichlorobenzene	0.00043	0.000215	mg/kg	0.08	R4 Inverts	0.005	0.003
DU-1	SA69	SA69-0.5B	7/7/2009	VOCs	0.72	541-73-1	1,3-Dichlorobenzene	0.00042	0.00021	mg/kg	0.08	R4 Inverts	0.005	0.003
DU-1	SA73	SA73-0.5B	7/29/2009	VOCs	0.77	541-73-1	1,3-Dichlorobenzene	0.00041	0.000205	mg/kg	0.08	R4 Inverts	0.005	0.003
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	VOCs	0.76	541-73-1	1,3-Dichlorobenzene	0.0004	0.0002	mg/kg	0.08	R4 Inverts	0.005	0.003
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	VOCs	0.74	541-73-1	1,3-Dichlorobenzene	0.0004	0.0002	mg/kg	0.08	R4 Inverts	0.005	0.003
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	VOCs	0.71	541-73-1	1,3-Dichlorobenzene	0.00039	0.000195	mg/kg	0.08	R4 Inverts	0.005	0.002
DU-1	SA74	SA74-0.5B	7/15/2009	VOCs	0.72	541-73-1	1,3-Dichlorobenzene	0.00039	0.000195	mg/kg	0.08	R4 Inverts	0.005	0.002
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	VOCs	0.71	541-73-1	1,3-Dichlorobenzene	0.00037	0.000185	mg/kg	0.08	R4 Inverts	0.005	0.002
DU-1	SSAO7-06	SSAO7-06-0.5BPC	9/27/2010	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00037	0.000185	mg/kg	0.08	R4 Inverts	0.005	0.002
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	VOCs	0.68	541-73-1	1,3-Dichlorobenzene	0.00036	0.00018	mg/kg	0.08	R4 Inverts	0.005	0.002
DU-1	SA74	SA74009-0.5B	7/15/2009	VOCs	0.65	541-73-1	1,3-Dichlorobenzene	0.00036	0.00018	mg/kg	0.08	R4 Inverts	0.005	0.002
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00036	0.00018	mg/kg	0.08	R4 Inverts	0.005	0.002
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	VOCs	0.63	541-73-1	1,3-Dichlorobenzene	0.00035	0.000175	mg/kg	0.08	R4 Inverts	0.004	0.002
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	VOCs	0.63	541-73-1	1,3-Dichlorobenzene	0.00035	0.000175	mg/kg	0.08	R4 Inverts	0.004	0.002
DU-1	SA72	SA72-0.5B	7/27/2009	VOCs	0.64	541-73-1	1,3-Dichlorobenzene	0.00034	0.00017	mg/kg	0.08	R4 Inverts	0.004	0.002
DU-1	SSAO8-05	SSAO8-05-0.5BPC	9/27/2010	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00034	0.00017	mg/kg	0.08	R4 Inverts	0.004	0.002
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00034	0.00017	mg/kg	0.08	R4 Inverts	0.004	0.002
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	VOCs	0.63	541-73-1	1,3-Dichlorobenzene	0.00033	0.000165	mg/kg	0.08	R4 Inverts	0.004	0.002
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00033	0.000165	mg/kg	0.08	R4 Inverts	0.004	0.002
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	VOCs	0.6	541-73-1	1,3-Dichlorobenzene	0.00032	0.00016	mg/kg	0.08	R4 Inverts	0.004	0.002
DU-1	SA173	SA173009-0.5B	7/27/2009	VOCs	0.58	541-73-1	1,3-Dichlorobenzene	0.00031	0.000155	mg/kg	0.08	R4 Inverts	0.004	0.002
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00028	0.00014	mg/kg	0.08	R4 Inverts	0.004	0.002
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00028	0.00014	mg/kg	0.08	R4 Inverts	0.004	0.002
DU-1	SSAN8-07	SSAN8-07-0.5BPC	9/7/2010	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00028	0.00014	mg/kg	0.08	R4 Inverts	0.004	0.002
DU-1	SSAO8-08	SSAO8-08-0.5BPC	9/27/2010	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00028	0.00014	mg/kg	0.08	R4 Inverts	0.004	0.002
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00028	0.00014	mg/kg	0.08	R4 Inverts	0.004	0.002
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00028	0.00014	mg/kg	0.08	R4 Inverts	0.004	0.002
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00026	0.00013	mg/kg	0.08	R4 Inverts	0.003	0.002
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00014	0.00007	mg/kg	0.08	R4 Inverts	0.002	0.0009
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00014	0.00007	mg/kg	0.08	R4 Inverts	0.002	0.0009
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00014	0.00007	mg/kg	0.08	R4 Inverts	0.002	0.0009
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00013	0.000065	mg/kg	0.08	R4 Inverts	0.002	0.0008
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00013	0.000065	mg/kg	0.08	R4 Inverts	0.002	0.0008
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00013	0.000065	mg/kg	0.08	R4 Inverts	0.002	0.0008
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00013	0.000065	mg/kg	0.08	R4 Inverts	0.002	0.0008

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA21	SA21-0.5	11/15/2006	OCPs	1	93-72-1	2,4,5-TP	0.021	0.0105	mg/kg	0.055	R4 Inverts	0.4	0.2
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	95-95-4	2,4,5-Trichlorophenol	4	2	mg/kg	4	R4 Plants	**1**	0.5
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	95-95-4	2,4,5-Trichlorophenol	1.6	0.8	mg/kg	4	R4 Plants	0.4	0.2
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.3	0.15	mg/kg	4	R4 Plants	0.08	0.04
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.3	0.15	mg/kg	4	R4 Plants	0.08	0.04
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.28	0.14	mg/kg	4	R4 Plants	0.07	0.04
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	95-95-4	2,4,5-Trichlorophenol	0.28	0.14	mg/kg	4	R4 Plants	0.07	0.04
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	95-95-4	2,4,5-Trichlorophenol	0.27	0.135	mg/kg	4	R4 Plants	0.07	0.03
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.14	0.07	mg/kg	4	R4 Plants	0.04	0.02
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.14	0.07	mg/kg	4	R4 Plants	0.04	0.02
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.14	0.07	mg/kg	4	R4 Plants	0.04	0.02
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.14	0.07	mg/kg	4	R4 Plants	0.04	0.02
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.14	0.07	mg/kg	4	R4 Plants	0.04	0.02
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.14	0.07	mg/kg	4	R4 Plants	0.04	0.02
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.14	0.07	mg/kg	4	R4 Plants	0.04	0.02
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.14	0.07	mg/kg	4	R4 Plants	0.04	0.02
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.14	0.07	mg/kg	4	R4 Plants	0.04	0.02
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.14	0.07	mg/kg	4	R4 Plants	0.04	0.02
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.14	0.07	mg/kg	4	R4 Plants	0.04	0.02
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.13	0.065	mg/kg	4	R4 Plants	0.03	0.02
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.13	0.065	mg/kg	4	R4 Plants	0.03	0.02
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.13	0.065	mg/kg	4	R4 Plants	0.03	0.02
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.13	0.065	mg/kg	4	R4 Plants	0.03	0.02
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.13	0.065	mg/kg	4	R4 Plants	0.03	0.02
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.13	0.065	mg/kg	4	R4 Plants	0.03	0.02
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.13	0.065	mg/kg	4	R4 Plants	0.03	0.02
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.13	0.065	mg/kg	4	R4 Plants	0.03	0.02
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.13	0.065	mg/kg	4	R4 Plants	0.03	0.02
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.13	0.065	mg/kg	4	R4 Plants	0.03	0.02
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.13	0.065	mg/kg	4	R4 Plants	0.03	0.02
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.13	0.065	mg/kg	4	R4 Plants	0.03	0.02
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.13	0.065	mg/kg	4	R4 Plants	0.03	0.02
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.13	0.065	mg/kg	4	R4 Plants	0.03	0.02
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.13	0.065	mg/kg	4	R4 Plants	0.03	0.02
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.13	0.065	mg/kg	4	R4 Plants	0.03	0.02
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.13	0.065	mg/kg	4	R4 Plants	0.03	0.02
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.13	0.065	mg/kg	4	R4 Plants	0.03	0.02
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.13	0.065	mg/kg	4	R4 Plants	0.03	0.02
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.13	0.065	mg/kg	4	R4 Plants	0.03	0.02
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.036	0.018	mg/kg	4	R4 Plants	0.009	0.005
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.035	0.0175	mg/kg	4	R4 Plants	0.009	0.004
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.035	0.0175	mg/kg	4	R4 Plants	0.009	0.004
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.034	0.017	mg/kg	4	R4 Plants	0.009	0.004
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.034	0.017	mg/kg	4	R4 Plants	0.009	0.004
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.034	0.017	mg/kg	4	R4 Plants	0.009	0.004
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.034	0.017	mg/kg	4	R4 Plants	0.009	0.004
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	53-19-0	2,4'-DDD	0.0091	0.00455	mg/kg	0.021	Eco-SSL Mammals	0.4	0.2
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	OCPs	10	53-19-0	2,4'-DDD	0.0012	0.0006	mg/kg	0.021	Eco-SSL Mammals	0.06	0.03
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	OCPs	1	53-19-0	2,4'-DDD	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammals	0.006	0.003
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	OCPs	1	53-19-0	2,4'-DDD	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammals	0.006	0.003
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	OCPs	1	53-19-0	2,4'-DDD	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammals	0.006	0.003
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	OCPs	1	53-19-0	2,4'-DDD	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammals	0.006	0.003

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	OCPs	1	53-19-0	2,4'-DDD	0.00012	0.00006	mg/kg	0.021	Eco-SSL Mammals	0.006	0.003
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	120-83-2	2,4-Dichlorophenol	2.1	1.05	mg/kg	0.05	R4 Inverts	40	20
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	120-83-2	2,4-Dichlorophenol	0.83	0.415	mg/kg	0.05	R4 Inverts	20	8
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.16	0.08	mg/kg	0.05	R4 Inverts	3	2
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.16	0.08	mg/kg	0.05	R4 Inverts	3	2
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	120-83-2	2,4-Dichlorophenol	0.15	0.075	mg/kg	0.05	R4 Inverts	3	2
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.14	0.07	mg/kg	0.05	R4 Inverts	3	**1**
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	120-83-2	2,4-Dichlorophenol	0.14	0.07	mg/kg	0.05	R4 Inverts	3	**1**
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.073	0.0365	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.073	0.0365	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.072	0.036	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.072	0.036	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.072	0.036	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.072	0.036	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.071	0.0355	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.07	0.035	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.07	0.035	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.07	0.035	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.07	0.035	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.07	0.035	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.07	0.035	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.068	0.034	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.068	0.034	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.068	0.034	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.068	0.034	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.068	0.034	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.068	0.034	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.068	0.034	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.068	0.034	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.067	0.0335	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.067	0.0335	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.066	0.033	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.036	0.018	mg/kg	0.05	R4 Inverts	0.7	0.4
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.035	0.0175	mg/kg	0.05	R4 Inverts	0.7	0.4
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.035	0.0175	mg/kg	0.05	R4 Inverts	0.7	0.4
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.034	0.017	mg/kg	0.05	R4 Inverts	0.7	0.3
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.034	0.017	mg/kg	0.05	R4 Inverts	0.7	0.3
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.034	0.017	mg/kg	0.05	R4 Inverts	0.7	0.3
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.034	0.017	mg/kg	0.05	R4 Inverts	0.7	0.3
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	105-67-9	2,4-Dimethylphenol	4	2	mg/kg	0.04	R4 Inverts	100	50
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	105-67-9	2,4-Dimethylphenol	1.6	0.8	mg/kg	0.04	R4 Inverts	40	20
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.3	0.15	mg/kg	0.04	R4 Inverts	8	4
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.3	0.15	mg/kg	0.04	R4 Inverts	8	4
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.28	0.14	mg/kg	0.04	R4 Inverts	7	4
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	105-67-9	2,4-Dimethylphenol	0.28	0.14	mg/kg	0.04	R4 Inverts	7	4

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	105-67-9	2,4-Dimethylphenol	0.27	0.135	mg/kg	0.04	R4 Inverts	7	3
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.036	0.018	mg/kg	0.04	R4 Inverts	0.9	0.5
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.035	0.0175	mg/kg	0.04	R4 Inverts	0.9	0.4
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.035	0.0175	mg/kg	0.04	R4 Inverts	0.9	0.4
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.034	0.017	mg/kg	0.04	R4 Inverts	0.9	0.4
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.034	0.017	mg/kg	0.04	R4 Inverts	0.9	0.4
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.034	0.017	mg/kg	0.04	R4 Inverts	0.9	0.4
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.034	0.017	mg/kg	0.04	R4 Inverts	0.9	0.4
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	51-28-5	2,4-Dinitrophenol	10	5	mg/kg	0.061	R4 Mammals	200	80
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	51-28-5	2,4-Dinitrophenol	4.1	2.05	mg/kg	0.061	R4 Mammals	70	30
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.77	0.385	mg/kg	0.061	R4 Mammals	10	6
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.77	0.385	mg/kg	0.061	R4 Mammals	10	6
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	51-28-5	2,4-Dinitrophenol	0.72	0.36	mg/kg	0.061	R4 Mammals	10	6
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.71	0.355	mg/kg	0.061	R4 Mammals	10	6
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	51-28-5	2,4-Dinitrophenol	0.69	0.345	mg/kg	0.061	R4 Mammals	10	6
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.36	0.18	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.36	0.18	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.36	0.18	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.36	0.18	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.36	0.18	mg/kg	0.061	R4 Mammals	6	3
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.36	0.18	mg/kg	0.061	R4 Mammals	6	3

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.35	0.175	mg/kg	0.061	R4 Mammals	6	3
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.35	0.175	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.35	0.175	mg/kg	0.061	R4 Mammals	6	3
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.35	0.175	mg/kg	0.061	R4 Mammals	6	3
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.35	0.175	mg/kg	0.061	R4 Mammals	6	3
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.35	0.175	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.35	0.175	mg/kg	0.061	R4 Mammals	6	3
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.33	0.165	mg/kg	0.061	R4 Mammals	5	3
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.33	0.165	mg/kg	0.061	R4 Mammals	5	3
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.33	0.165	mg/kg	0.061	R4 Mammals	5	3
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.33	0.165	mg/kg	0.061	R4 Mammals	5	3
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.33	0.165	mg/kg	0.061	R4 Mammals	5	3
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.33	0.165	mg/kg	0.061	R4 Mammals	5	3
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.33	0.165	mg/kg	0.061	R4 Mammals	5	3
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	121-14-2	2,4-Dinitrotoluene	2.5	1.25	mg/kg	6	R4 Plants	0.4	0.2
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	121-14-2	2,4-Dinitrotoluene	0.99	0.495	mg/kg	6	R4 Plants	0.2	0.08
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	SVOCs	4	121-14-2	2,4-Dinitrotoluene	0.32	0.16	mg/kg	6	R4 Plants	0.05	0.03
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.19	0.095	mg/kg	6	R4 Plants	0.03	0.02
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.19	0.095	mg/kg	6	R4 Plants	0.03	0.02
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	121-14-2	2,4-Dinitrotoluene	0.18	0.09	mg/kg	6	R4 Plants	0.03	0.02
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.17	0.085	mg/kg	6	R4 Plants	0.03	0.01
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	121-14-2	2,4-Dinitrotoluene	0.17	0.085	mg/kg	6	R4 Plants	0.03	0.01
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.087	0.0435	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.087	0.0435	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.086	0.043	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.086	0.043	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.086	0.043	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.086	0.043	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.085	0.0425	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.084	0.042	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.084	0.042	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.084	0.042	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.083	0.0415	mg/kg	6	R4 Plants	0.01	0.007
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.083	0.0415	mg/kg	6	R4 Plants	0.01	0.007

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.083	0.0415	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.083	0.0415	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.083	0.0415	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.083	0.0415	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.082	0.041	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.082	0.041	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.082	0.041	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.082	0.041	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.082	0.041	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.082	0.041	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.081	0.0405	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.081	0.0405	mg/kg	6	R4 Plants	0.01	0.007
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.081	0.0405	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.081	0.0405	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.081	0.0405	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.081	0.0405	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.08	0.04	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.08	0.04	mg/kg	6	R4 Plants	0.01	0.007
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.079	0.0395	mg/kg	6	R4 Plants	0.01	0.007
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.036	0.018	mg/kg	6	R4 Plants	0.006	0.003
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.035	0.0175	mg/kg	6	R4 Plants	0.006	0.003
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.035	0.0175	mg/kg	6	R4 Plants	0.006	0.003
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.034	0.017	mg/kg	6	R4 Plants	0.006	0.003
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.034	0.017	mg/kg	6	R4 Plants	0.006	0.003
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.034	0.017	mg/kg	6	R4 Plants	0.006	0.003
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.034	0.017	mg/kg	6	R4 Plants	0.006	0.003
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	606-20-2	2,6-Dinitrotoluene	2.9	1.45	mg/kg	4	R4 Mammals	0.7	0.4
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	606-20-2	2,6-Dinitrotoluene	1.2	0.6	mg/kg	4	R4 Mammals	0.3	0.2
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	SVOCs	4	606-20-2	2,6-Dinitrotoluene	0.38	0.19	mg/kg	4	R4 Mammals	0.1	0.05
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.22	0.11	mg/kg	4	R4 Mammals	0.06	0.03
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.22	0.11	mg/kg	4	R4 Mammals	0.06	0.03
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.21	0.105	mg/kg	4	R4 Mammals	0.05	0.03
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	606-20-2	2,6-Dinitrotoluene	0.21	0.105	mg/kg	4	R4 Mammals	0.05	0.03
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	606-20-2	2,6-Dinitrotoluene	0.2	0.1	mg/kg	4	R4 Mammals	0.05	0.03
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.1	0.05	mg/kg	4	R4 Mammals	0.03	0.01
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.1	0.05	mg/kg	4	R4 Mammals	0.03	0.01
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.1	0.05	mg/kg	4	R4 Mammals	0.03	0.01
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.1	0.05	mg/kg	4	R4 Mammals	0.03	0.01
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.1	0.05	mg/kg	4	R4 Mammals	0.03	0.01
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.1	0.05	mg/kg	4	R4 Mammals	0.03	0.01
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.1	0.05	mg/kg	4	R4 Mammals	0.03	0.01
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.1	0.05	mg/kg	4	R4 Mammals	0.03	0.01
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.1	0.05	mg/kg	4	R4 Mammals	0.03	0.01
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.099	0.0495	mg/kg	4	R4 Mammals	0.02	0.01
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.099	0.0495	mg/kg	4	R4 Mammals	0.02	0.01
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.099	0.0495	mg/kg	4	R4 Mammals	0.02	0.01
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.099	0.0495	mg/kg	4	R4 Mammals	0.02	0.01
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.098	0.049	mg/kg	4	R4 Mammals	0.02	0.01
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.098	0.049	mg/kg	4	R4 Mammals	0.02	0.01
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.098	0.049	mg/kg	4	R4 Mammals	0.02	0.01
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.098	0.049	mg/kg	4	R4 Mammals	0.02	0.01
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.098	0.049	mg/kg	4	R4 Mammals	0.02	0.01

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.097	0.0485	mg/kg	4	R4 Mammals	0.02	0.01
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.097	0.0485	mg/kg	4	R4 Mammals	0.02	0.01
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.097	0.0485	mg/kg	4	R4 Mammals	0.02	0.01
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.097	0.0485	mg/kg	4	R4 Mammals	0.02	0.01
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.097	0.0485	mg/kg	4	R4 Mammals	0.02	0.01
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.097	0.0485	mg/kg	4	R4 Mammals	0.02	0.01
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.096	0.048	mg/kg	4	R4 Mammals	0.02	0.01
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.096	0.048	mg/kg	4	R4 Mammals	0.02	0.01
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.096	0.048	mg/kg	4	R4 Mammals	0.02	0.01
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.096	0.048	mg/kg	4	R4 Mammals	0.02	0.01
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.096	0.048	mg/kg	4	R4 Mammals	0.02	0.01
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.095	0.0475	mg/kg	4	R4 Mammals	0.02	0.01
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.094	0.047	mg/kg	4	R4 Mammals	0.02	0.01
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.036	0.018	mg/kg	4	R4 Mammals	0.009	0.005
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.035	0.0175	mg/kg	4	R4 Mammals	0.009	0.004
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.035	0.0175	mg/kg	4	R4 Mammals	0.009	0.004
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.034	0.017	mg/kg	4	R4 Mammals	0.009	0.004
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.034	0.017	mg/kg	4	R4 Mammals	0.009	0.004
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.034	0.017	mg/kg	4	R4 Mammals	0.009	0.004
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.034	0.017	mg/kg	4	R4 Mammals	0.009	0.004
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	95-48-7	2-Methylphenol	2.5	1.25	mg/kg	0.1	R4 Inverts	30	10
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	95-48-7	2-Methylphenol	0.99	0.495	mg/kg	0.1	R4 Inverts	10	5
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	95-48-7	2-Methylphenol	0.19	0.095	mg/kg	0.1	R4 Inverts	2	**1**
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	95-48-7	2-Methylphenol	0.19	0.095	mg/kg	0.1	R4 Inverts	2	**1**
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	95-48-7	2-Methylphenol	0.18	0.09	mg/kg	0.1	R4 Inverts	2	0.9
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	95-48-7	2-Methylphenol	0.17	0.085	mg/kg	0.1	R4 Inverts	2	0.9
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	95-48-7	2-Methylphenol	0.17	0.085	mg/kg	0.1	R4 Inverts	2	0.9
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	95-48-7	2-Methylphenol	0.13	0.065	mg/kg	0.1	R4 Inverts	**1**	0.7
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	95-48-7	2-Methylphenol	0.13	0.065	mg/kg	0.1	R4 Inverts	**1**	0.7
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	95-48-7	2-Methylphenol	0.13	0.065	mg/kg	0.1	R4 Inverts	**1**	0.7
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	95-48-7	2-Methylphenol	0.12	0.06	mg/kg	0.1	R4 Inverts	**1**	0.6
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	95-48-7	2-Methylphenol	0.12	0.06	mg/kg	0.1	R4 Inverts	**1**	0.6
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	95-48-7	2-Methylphenol	0.12	0.06	mg/kg	0.1	R4 Inverts	**1**	0.6
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	95-48-7	2-Methylphenol	0.12	0.06	mg/kg	0.1	R4 Inverts	**1**	0.6
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	95-48-7	2-Methylphenol	0.087	0.0435	mg/kg	0.1	R4 Inverts	0.9	0.4
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	95-48-7	2-Methylphenol	0.087	0.0435	mg/kg	0.1	R4 Inverts	0.9	0.4
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	95-48-7	2-Methylphenol	0.086	0.043	mg/kg	0.1	R4 Inverts	0.9	0.4
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	95-48-7	2-Methylphenol	0.086	0.043	mg/kg	0.1	R4 Inverts	0.9	0.4
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	95-48-7	2-Methylphenol	0.086	0.043	mg/kg	0.1	R4 Inverts	0.9	0.4
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	95-48-7	2-Methylphenol	0.086	0.043	mg/kg	0.1	R4 Inverts	0.9	0.4
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	95-48-7	2-Methylphenol	0.085	0.0425	mg/kg	0.1	R4 Inverts	0.9	0.4
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	95-48-7	2-Methylphenol	0.084	0.042	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	95-48-7	2-Methylphenol	0.084	0.042	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	95-48-7	2-Methylphenol	0.084	0.042	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	95-48-7	2-Methylphenol	0.083	0.0415	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	95-48-7	2-Methylphenol	0.083	0.0415	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	95-48-7	2-Methylphenol	0.083	0.0415	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	95-48-7	2-Methylphenol	0.083	0.0415	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	95-48-7	2-Methylphenol	0.083	0.0415	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	95-48-7	2-Methylphenol	0.083	0.0415	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	95-48-7	2-Methylphenol	0.082	0.041	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	95-48-7	2-Methylphenol	0.082	0.041	mg/kg	0.1	R4 Inverts	0.8	0.4

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	95-48-7	2-Methylphenol	0.082	0.041	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	95-48-7	2-Methylphenol	0.082	0.041	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	95-48-7	2-Methylphenol	0.082	0.041	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	95-48-7	2-Methylphenol	0.082	0.041	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	95-48-7	2-Methylphenol	0.081	0.0405	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	95-48-7	2-Methylphenol	0.081	0.0405	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	95-48-7	2-Methylphenol	0.081	0.0405	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	95-48-7	2-Methylphenol	0.081	0.0405	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	95-48-7	2-Methylphenol	0.081	0.0405	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	95-48-7	2-Methylphenol	0.081	0.0405	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	95-48-7	2-Methylphenol	0.08	0.04	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	95-48-7	2-Methylphenol	0.08	0.04	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	95-48-7	2-Methylphenol	0.079	0.0395	mg/kg	0.1	R4 Inverts	0.8	0.4
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	88-74-4	2-Nitroaniline	2.1	1.05	mg/kg	0.02	R4 Inverts	100	50
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	88-74-4	2-Nitroaniline	0.83	0.415	mg/kg	0.02	R4 Inverts	40	20
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	SVOCs	4	88-74-4	2-Nitroaniline	0.27	0.135	mg/kg	0.02	R4 Inverts	10	7
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	88-74-4	2-Nitroaniline	0.16	0.08	mg/kg	0.02	R4 Inverts	8	4
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	88-74-4	2-Nitroaniline	0.16	0.08	mg/kg	0.02	R4 Inverts	8	4
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	88-74-4	2-Nitroaniline	0.15	0.075	mg/kg	0.02	R4 Inverts	8	4
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.14	0.07	mg/kg	0.02	R4 Inverts	7	4
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	88-74-4	2-Nitroaniline	0.14	0.07	mg/kg	0.02	R4 Inverts	7	4
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	88-74-4	2-Nitroaniline	0.073	0.0365	mg/kg	0.02	R4 Inverts	4	2
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	88-74-4	2-Nitroaniline	0.073	0.0365	mg/kg	0.02	R4 Inverts	4	2
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	88-74-4	2-Nitroaniline	0.072	0.036	mg/kg	0.02	R4 Inverts	4	2
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	88-74-4	2-Nitroaniline	0.072	0.036	mg/kg	0.02	R4 Inverts	4	2
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.072	0.036	mg/kg	0.02	R4 Inverts	4	2
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.072	0.036	mg/kg	0.02	R4 Inverts	4	2
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.071	0.0355	mg/kg	0.02	R4 Inverts	4	2
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	88-74-4	2-Nitroaniline	0.07	0.035	mg/kg	0.02	R4 Inverts	4	2
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.07	0.035	mg/kg	0.02	R4 Inverts	4	2
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.07	0.035	mg/kg	0.02	R4 Inverts	4	2
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.07	0.035	mg/kg	0.02	R4 Inverts	4	2
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.07	0.035	mg/kg	0.02	R4 Inverts	4	2
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.07	0.035	mg/kg	0.02	R4 Inverts	4	2
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.069	0.0345	mg/kg	0.02	R4 Inverts	3	2
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.069	0.0345	mg/kg	0.02	R4 Inverts	3	2
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.069	0.0345	mg/kg	0.02	R4 Inverts	3	2
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.069	0.0345	mg/kg	0.02	R4 Inverts	3	2
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.069	0.0345	mg/kg	0.02	R4 Inverts	3	2
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.069	0.0345	mg/kg	0.02	R4 Inverts	3	2
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.069	0.0345	mg/kg	0.02	R4 Inverts	3	2
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.068	0.034	mg/kg	0.02	R4 Inverts	3	2
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.068	0.034	mg/kg	0.02	R4 Inverts	3	2
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.068	0.034	mg/kg	0.02	R4 Inverts	3	2
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.068	0.034	mg/kg	0.02	R4 Inverts	3	2
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.068	0.034	mg/kg	0.02	R4 Inverts	3	2
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.068	0.034	mg/kg	0.02	R4 Inverts	3	2
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.068	0.034	mg/kg	0.02	R4 Inverts	3	2
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.068	0.034	mg/kg	0.02	R4 Inverts	3	2
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	88-74-4	2-Nitroaniline	0.067	0.0335	mg/kg	0.02	R4 Inverts	3	2
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.067	0.0335	mg/kg	0.02	R4 Inverts	3	2
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.066	0.033	mg/kg	0.02	R4 Inverts	3	2

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	88-74-4	2-Nitroaniline	0.036	0.018	mg/kg	0.02	R4 Inverts	2	0.9
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	88-74-4	2-Nitroaniline	0.035	0.0175	mg/kg	0.02	R4 Inverts	2	0.9
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	88-74-4	2-Nitroaniline	0.035	0.0175	mg/kg	0.02	R4 Inverts	2	0.9
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	88-74-4	2-Nitroaniline	0.034	0.017	mg/kg	0.02	R4 Inverts	2	0.9
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	88-74-4	2-Nitroaniline	0.034	0.017	mg/kg	0.02	R4 Inverts	2	0.9
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	88-74-4	2-Nitroaniline	0.034	0.017	mg/kg	0.02	R4 Inverts	2	0.9
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	88-74-4	2-Nitroaniline	0.034	0.017	mg/kg	0.02	R4 Inverts	2	0.9
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	91-94-1	3,3'-Dichlorobenzidine	4.6	2.3	mg/kg	0.03	R4 Inverts	200	80
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	91-94-1	3,3'-Dichlorobenzidine	1.9	0.95	mg/kg	0.03	R4 Inverts	60	30
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	SVOCs	4	91-94-1	3,3'-Dichlorobenzidine	0.6	0.3	mg/kg	0.03	R4 Inverts	20	10
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.35	0.175	mg/kg	0.03	R4 Inverts	10	6
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.35	0.175	mg/kg	0.03	R4 Inverts	10	6
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	91-94-1	3,3'-Dichlorobenzidine	0.33	0.165	mg/kg	0.03	R4 Inverts	10	6
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.32	0.16	mg/kg	0.03	R4 Inverts	10	5
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	91-94-1	3,3'-Dichlorobenzidine	0.31	0.155	mg/kg	0.03	R4 Inverts	10	5
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.036	0.018	mg/kg	0.03	R4 Inverts	**1**	0.6
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.035	0.0175	mg/kg	0.03	R4 Inverts	**1**	0.6
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.035	0.0175	mg/kg	0.03	R4 Inverts	**1**	0.6
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.034	0.017	mg/kg	0.03	R4 Inverts	**1**	0.6
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.034	0.017	mg/kg	0.03	R4 Inverts	**1**	0.6
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.034	0.017	mg/kg	0.03	R4 Inverts	**1**	0.6

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.034	0.017	mg/kg	0.03	R4 Inverts	**1**	0.6
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	106-47-8	4-Chloroaniline	4.1	2.05	mg/kg	1	R4 Plants	4	2
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	106-47-8	4-Chloroaniline	1.6	0.8	mg/kg	1	R4 Plants	2	0.8
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	SVOCs	4	106-47-8	4-Chloroaniline	0.53	0.265	mg/kg	1	R4 Plants	0.5	0.3
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	106-47-8	4-Chloroaniline	0.31	0.155	mg/kg	1	R4 Plants	0.3	0.2
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	106-47-8	4-Chloroaniline	0.31	0.155	mg/kg	1	R4 Plants	0.3	0.2
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.29	0.145	mg/kg	1	R4 Plants	0.3	0.1
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	106-47-8	4-Chloroaniline	0.29	0.145	mg/kg	1	R4 Plants	0.3	0.1
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	106-47-8	4-Chloroaniline	0.28	0.14	mg/kg	1	R4 Plants	0.3	0.1
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.14	0.07	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	106-47-8	4-Chloroaniline	0.13	0.065	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.13	0.065	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.13	0.065	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.13	0.065	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.13	0.065	mg/kg	1	R4 Plants	0.1	0.07
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	106-47-8	4-Chloroaniline	0.13	0.065	mg/kg	1	R4 Plants	0.1	0.07
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	106-47-8	4-Chloroaniline	0.036	0.018	mg/kg	1	R4 Plants	0.04	0.02
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	106-47-8	4-Chloroaniline	0.035	0.0175	mg/kg	1	R4 Plants	0.04	0.02
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	106-47-8	4-Chloroaniline	0.035	0.0175	mg/kg	1	R4 Plants	0.04	0.02
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	106-47-8	4-Chloroaniline	0.034	0.017	mg/kg	1	R4 Plants	0.03	0.02
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	106-47-8	4-Chloroaniline	0.034	0.017	mg/kg	1	R4 Plants	0.03	0.02
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	106-47-8	4-Chloroaniline	0.034	0.017	mg/kg	1	R4 Plants	0.03	0.02
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	106-47-8	4-Chloroaniline	0.034	0.017	mg/kg	1	R4 Plants	0.03	0.02
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	100-02-7	4-Nitrophenol	4.3	2.15	mg/kg	5.12	R4 Mammals	0.8	0.4
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	100-02-7	4-Nitrophenol	1.7	0.85	mg/kg	5.12	R4 Mammals	0.3	0.2
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	100-02-7	4-Nitrophenol	0.36	0.18	mg/kg	5.12	R4 Mammals	0.07	0.04
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	100-02-7	4-Nitrophenol	0.35	0.175	mg/kg	5.12	R4 Mammals	0.07	0.03
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	100-02-7	4-Nitrophenol	0.35	0.175	mg/kg	5.12	R4 Mammals	0.07	0.03

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	100-02-7	4-Nitrophenol	0.34	0.17	mg/kg	5.12	R4 Mammals	0.07	0.03
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	100-02-7	4-Nitrophenol	0.34	0.17	mg/kg	5.12	R4 Mammals	0.07	0.03
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	100-02-7	4-Nitrophenol	0.34	0.17	mg/kg	5.12	R4 Mammals	0.07	0.03
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	100-02-7	4-Nitrophenol	0.33	0.165	mg/kg	5.12	R4 Mammals	0.06	0.03
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	100-02-7	4-Nitrophenol	0.33	0.165	mg/kg	5.12	R4 Mammals	0.06	0.03
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	100-02-7	4-Nitrophenol	0.33	0.165	mg/kg	5.12	R4 Mammals	0.06	0.03
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	100-02-7	4-Nitrophenol	0.31	0.155	mg/kg	5.12	R4 Mammals	0.06	0.03
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.3	0.15	mg/kg	5.12	R4 Mammals	0.06	0.03
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	100-02-7	4-Nitrophenol	0.29	0.145	mg/kg	5.12	R4 Mammals	0.06	0.03
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	100-02-7	4-Nitrophenol	0.15	0.075	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	100-02-7	4-Nitrophenol	0.15	0.075	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.15	0.075	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	100-02-7	4-Nitrophenol	0.15	0.075	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	100-02-7	4-Nitrophenol	0.15	0.075	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	100-02-7	4-Nitrophenol	0.15	0.075	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.15	0.075	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.15	0.075	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.15	0.075	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.15	0.075	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.15	0.075	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.15	0.075	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.15	0.075	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.15	0.075	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	100-02-7	4-Nitrophenol	0.14	0.07	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.14	0.07	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.14	0.07	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.14	0.07	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.14	0.07	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.14	0.07	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.14	0.07	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.14	0.07	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.14	0.07	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.14	0.07	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.14	0.07	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.14	0.07	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.14	0.07	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.14	0.07	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.14	0.07	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.14	0.07	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	100-02-7	4-Nitrophenol	0.14	0.07	mg/kg	5.12	R4 Mammals	0.03	0.01
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	309-00-2	Aldrin	0.044	0.022	mg/kg	0.03	R4 Inverts	**1**	0.7
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	309-00-2	Aldrin	0.028	0.014	mg/kg	0.03	R4 Inverts	0.9	0.5
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	309-00-2	Aldrin	0.021	0.0105	mg/kg	0.03	R4 Inverts	0.7	0.4
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	309-00-2	Aldrin	0.02	0.01	mg/kg	0.03	R4 Inverts	0.7	0.3
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	309-00-2	Aldrin	0.014	0.007	mg/kg	0.03	R4 Inverts	0.5	0.2
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	309-00-2	Aldrin	0.0094	0.0047	mg/kg	0.03	R4 Inverts	0.3	0.2
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	309-00-2	Aldrin	0.0091	0.00455	mg/kg	0.03	R4 Inverts	0.3	0.2
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	309-00-2	Aldrin	0.0091	0.00455	mg/kg	0.03	R4 Inverts	0.3	0.2
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	309-00-2	Aldrin	0.009	0.0045	mg/kg	0.03	R4 Inverts	0.3	0.2
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	309-00-2	Aldrin	0.0089	0.00445	mg/kg	0.03	R4 Inverts	0.3	0.1
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	309-00-2	Aldrin	0.0088	0.0044	mg/kg	0.03	R4 Inverts	0.3	0.1
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	309-00-2	Aldrin	0.0088	0.0044	mg/kg	0.03	R4 Inverts	0.3	0.1

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	309-00-2	Aldrin	0.0088	0.0044	mg/kg	0.03	R4 Inverts	0.3	0.1
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	309-00-2	Aldrin	0.0088	0.0044	mg/kg	0.03	R4 Inverts	0.3	0.1
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	309-00-2	Aldrin	0.0088	0.0044	mg/kg	0.03	R4 Inverts	0.3	0.1
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	309-00-2	Aldrin	0.0087	0.00435	mg/kg	0.03	R4 Inverts	0.3	0.1
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	309-00-2	Aldrin	0.0087	0.00435	mg/kg	0.03	R4 Inverts	0.3	0.1
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	309-00-2	Aldrin	0.0087	0.00435	mg/kg	0.03	R4 Inverts	0.3	0.1
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	309-00-2	Aldrin	0.0086	0.0043	mg/kg	0.03	R4 Inverts	0.3	0.1
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OCPs	5	309-00-2	Aldrin	0.0078	0.0039	mg/kg	0.03	R4 Inverts	0.3	0.1
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	309-00-2	Aldrin	0.0071	0.00355	mg/kg	0.03	R4 Inverts	0.2	0.1
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	OCPs	20	309-00-2	Aldrin	0.0053	0.00265	mg/kg	0.03	R4 Inverts	0.2	0.09
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OCPs	1	309-00-2	Aldrin	0.0047	0.00235	mg/kg	0.03	R4 Inverts	0.2	0.08
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OCPs	1	309-00-2	Aldrin	0.0033	0.00165	mg/kg	0.03	R4 Inverts	0.1	0.06
DU-1	SA12	SA12-0.5	11/10/2006	OCPs	1	309-00-2	Aldrin	0.0019	0.00095	mg/kg	0.03	R4 Inverts	0.06	0.03
DU-1	SA11	SA11-0.5D	11/9/2006	OCPs	1	309-00-2	Aldrin	0.0019	0.00095	mg/kg	0.03	R4 Inverts	0.06	0.03
DU-1	SA18	SA18-0.5	11/15/2006	OCPs	1	309-00-2	Aldrin	0.0019	0.00095	mg/kg	0.03	R4 Inverts	0.06	0.03
DU-1	SA20	SA20-0.5	11/16/2006	OCPs	1	309-00-2	Aldrin	0.0019	0.00095	mg/kg	0.03	R4 Inverts	0.06	0.03
DU-1	SA19	SA19-0.5	11/16/2006	OCPs	1	309-00-2	Aldrin	0.0019	0.00095	mg/kg	0.03	R4 Inverts	0.06	0.03
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	OCPs	2	309-00-2	Aldrin	0.0018	0.0009	mg/kg	0.03	R4 Inverts	0.06	0.03
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	OCPs	2	309-00-2	Aldrin	0.0018	0.0009	mg/kg	0.03	R4 Inverts	0.06	0.03
DU-1	SA11	SA11-0.5	11/9/2006	OCPs	1	309-00-2	Aldrin	0.0018	0.0009	mg/kg	0.03	R4 Inverts	0.06	0.03
DU-1	SA18	SA18-0.5D	11/15/2006	OCPs	1	309-00-2	Aldrin	0.0018	0.0009	mg/kg	0.03	R4 Inverts	0.06	0.03
DU-2	SA02	SA2-0.5	11/3/2006	OCPs	1	309-00-2	Aldrin	0.0018	0.0009	mg/kg	0.03	R4 Inverts	0.06	0.03
DU-3	SA16	SA16-0.5	11/9/2006	OCPs	1	309-00-2	Aldrin	0.0018	0.0009	mg/kg	0.03	R4 Inverts	0.06	0.03
DU-2	SA07	SA7-0.5	11/20/2006	OCPs	1	309-00-2	Aldrin	0.0018	0.0009	mg/kg	0.03	R4 Inverts	0.06	0.03
DU-1	SA21	SA21-0.5	11/15/2006	OCPs	1	309-00-2	Aldrin	0.0018	0.0009	mg/kg	0.03	R4 Inverts	0.06	0.03
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	OCPs	1	309-00-2	Aldrin	0.0017	0.00085	mg/kg	0.03	R4 Inverts	0.06	0.03
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	OCPs	1	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	OCPs	1	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OCPs	1	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OCPs	1	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OCPs	1	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OCPs	1	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OCPs	1	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OCPs	1	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OCPs	1	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	OCPs	1	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OCPs	1	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OCPs	1	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-3	SSAM5-03	SSAM5-03-5BPC	5/4/2010	OCPs	5	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	OCPs	1	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	OCPs	10	309-00-2	Aldrin	0.00095	0.000475	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	OCPs	1	309-00-2	Aldrin	0.00094	0.00047	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	OCPs	1	309-00-2	Aldrin	0.00093	0.000465	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OCPs	1	309-00-2	Aldrin	0.00092	0.00046	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	OCPs	1	309-00-2	Aldrin	0.00092	0.00046	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-2	SA121	SA121-0.5B	9/25/2009	OCPs	1	309-00-2	Aldrin	0.00092	0.00046	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-2	SA121	SA121009-0.5B	9/25/2009	OCPs	1	309-00-2	Aldrin	0.00092	0.00046	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	OCPs	1	309-00-2	Aldrin	0.00092	0.00046	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	OCPs	1	309-00-2	Aldrin	0.00091	0.000455	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RSAO7	RSAO7-9B	10/12/2009	OCPs	1	309-00-2	Aldrin	0.00091	0.000455	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-3	SA128	SA128-10B	9/16/2009	OCPs	1	309-00-2	Aldrin	0.00091	0.000455	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	SA73	SA73-0.5B	7/29/2009	OCPs	1	309-00-2	Aldrin	0.00091	0.000455	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	OCPs	1	309-00-2	Aldrin	0.0009	0.00045	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	OCPs	1	309-00-2	Aldrin	0.0009	0.00045	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	SA35	SA35-0.5B	6/10/2009	OCPs	1	309-00-2	Aldrin	0.0009	0.00045	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	OCPs	1	309-00-2	Aldrin	0.00089	0.000445	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OCPs	1	309-00-2	Aldrin	0.00089	0.000445	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	OCPs	1	309-00-2	Aldrin	0.00089	0.000445	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OCPs	1	309-00-2	Aldrin	0.00089	0.000445	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OCPs	1	309-00-2	Aldrin	0.00089	0.000445	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-2	SA138	SA138-0.5B	10/6/2009	OCPs	1	309-00-2	Aldrin	0.00089	0.000445	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	OCPs	1	309-00-2	Aldrin	0.00088	0.00044	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	OCPs	1	309-00-2	Aldrin	0.00088	0.00044	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	OCPs	1	309-00-2	Aldrin	0.00088	0.00044	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OCPs	1	309-00-2	Aldrin	0.00088	0.00044	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	OCPs	1	309-00-2	Aldrin	0.00088	0.00044	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	OCPs	1	309-00-2	Aldrin	0.00087	0.000435	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OCPs	1	309-00-2	Aldrin	0.00087	0.000435	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	OCPs	1	309-00-2	Aldrin	0.00087	0.000435	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	OCPs	1	309-00-2	Aldrin	0.00087	0.000435	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-1	SSAL3-05	SSAL3-05-1BPC	5/4/2010	OCPs	1	309-00-2	Aldrin	0.00029	0.000145	mg/kg	0.03	R4 Inverts	0.01	0.005
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	8/16/2010	OCPs	1	309-00-2	Aldrin	0.00027	0.000135	mg/kg	0.03	R4 Inverts	0.009	0.005
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	8/17/2010	OCPs	1	309-00-2	Aldrin	0.00027	0.000135	mg/kg	0.03	R4 Inverts	0.009	0.005
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	8/16/2010	OCPs	1	309-00-2	Aldrin	0.00027	0.000135	mg/kg	0.03	R4 Inverts	0.009	0.005
DU-1	EE-E14C-1	EE-E14C-1	6/2/2011	OCPs	1	309-00-2	Aldrin	0.00027	0.000135	mg/kg	0.03	R4 Inverts	0.009	0.005
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	8/13/2010	OCPs	1	309-00-2	Aldrin	0.00026	0.00013	mg/kg	0.03	R4 Inverts	0.009	0.004
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	8/16/2010	OCPs	1	309-00-2	Aldrin	0.00026	0.00013	mg/kg	0.03	R4 Inverts	0.009	0.004
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	8/16/2010	OCPs	1	309-00-2	Aldrin	0.00026	0.00013	mg/kg	0.03	R4 Inverts	0.009	0.004
DU-1	CS-E14C-1	CS-E14C-1	6/2/2011	OCPs	1	309-00-2	Aldrin	0.00026	0.00013	mg/kg	0.03	R4 Inverts	0.009	0.004
DU-1	SSAJ3-05	SSAJ3-05-8BPC	8/10/2010	OCPs	1	309-00-2	Aldrin	0.00026	0.00013	mg/kg	0.03	R4 Inverts	0.009	0.004
DU-1	SSAJ3-07	SSAJ3-07-5BPC	8/10/2010	OCPs	1	309-00-2	Aldrin	0.00026	0.00013	mg/kg	0.03	R4 Inverts	0.009	0.004
DU-1	SSAI3-02	SSAI3-02-14BPC	8/7/2010	OCPs	1	309-00-2	Aldrin	0.00026	0.00013	mg/kg	0.03	R4 Inverts	0.009	0.004
DU-1	DS-D27-1	DS-D27-1	4/14/2011	OCPs	1	309-00-2	Aldrin	0.00025	0.000125	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	8/16/2010	OCPs	1	309-00-2	Aldrin	0.00025	0.000125	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	8/13/2010	OCPs	1	309-00-2	Aldrin	0.00024	0.00012	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	OCPs	1	309-00-2	Aldrin	0.000093	0.0000465	mg/kg	0.03	R4 Inverts	0.003	0.002

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	OCPs	1	309-00-2	Aldrin	0.000093	0.0000465	mg/kg	0.03	R4 Inverts	0.003	0.002
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	OCPs	1	309-00-2	Aldrin	0.000091	0.0000455	mg/kg	0.03	R4 Inverts	0.003	0.002
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	OCPs	1	309-00-2	Aldrin	0.000091	0.0000455	mg/kg	0.03	R4 Inverts	0.003	0.002
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	OCPs	1	309-00-2	Aldrin	0.00009	0.000045	mg/kg	0.03	R4 Inverts	0.003	0.002
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	OCPs	1	309-00-2	Aldrin	0.00007	0.000035	mg/kg	0.03	R4 Inverts	0.002	0.001
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	OCPs	1	309-00-2	Aldrin	0.00007	0.000035	mg/kg	0.03	R4 Inverts	0.002	0.001
DU-1	SA87	SA87-0.5B	6/25/2008	OCPs	1	309-00-2	Aldrin	0.00007	0.000035	mg/kg	0.03	R4 Inverts	0.002	0.001
DU-1	SA180	SA180-0.5BD	6/26/2008	OCPs	1	309-00-2	Aldrin	0.00007	0.000035	mg/kg	0.03	R4 Inverts	0.002	0.001
DU-1	SA180	SA180-0.5B	6/26/2008	OCPs	20	309-00-2	Aldrin	0.00007	0.000035	mg/kg	0.03	R4 Inverts	0.002	0.001
DU-1	SA67	SA67-0.5B	7/7/2008	OCPs	1	309-00-2	Aldrin	0.00007	0.000035	mg/kg	0.03	R4 Inverts	0.002	0.001
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	5103-71-9	alpha-Chlordane	0.044	0.022	mg/kg	0.0029	R4 Inverts	20	8
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	5103-71-9	alpha-Chlordane	0.036	0.018	mg/kg	0.0029	R4 Inverts	10	6
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	5103-71-9	alpha-Chlordane	0.021	0.0105	mg/kg	0.0029	R4 Inverts	7	4
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	5103-71-9	alpha-Chlordane	0.02	0.01	mg/kg	0.0029	R4 Inverts	7	3
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	5103-71-9	alpha-Chlordane	0.017	0.0085	mg/kg	0.0029	R4 Inverts	6	3
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OCPs	5	5103-71-9	alpha-Chlordane	0.01	0.005	mg/kg	0.0029	R4 Inverts	3	2
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0094	0.0047	mg/kg	0.0029	R4 Inverts	3	2
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0091	0.00455	mg/kg	0.0029	R4 Inverts	3	2
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0091	0.00455	mg/kg	0.0029	R4 Inverts	3	2
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.009	0.0045	mg/kg	0.0029	R4 Inverts	3	2
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0089	0.00445	mg/kg	0.0029	R4 Inverts	3	2
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0088	0.0044	mg/kg	0.0029	R4 Inverts	3	2
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0088	0.0044	mg/kg	0.0029	R4 Inverts	3	2
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0088	0.0044	mg/kg	0.0029	R4 Inverts	3	2
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0088	0.0044	mg/kg	0.0029	R4 Inverts	3	2
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0088	0.0044	mg/kg	0.0029	R4 Inverts	3	2
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0087	0.00435	mg/kg	0.0029	R4 Inverts	3	2
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0087	0.00435	mg/kg	0.0029	R4 Inverts	3	2
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0087	0.00435	mg/kg	0.0029	R4 Inverts	3	2
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0086	0.0043	mg/kg	0.0029	R4 Inverts	3	**1**
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	5103-71-9	alpha-Chlordane	0.008	0.004	mg/kg	0.0029	R4 Inverts	3	**1**
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	OCPs	20	5103-71-9	alpha-Chlordane	0.0068	0.0034	mg/kg	0.0029	R4 Inverts	2	**1**
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0063	0.00315	mg/kg	0.0029	R4 Inverts	2	**1**
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0044	0.0022	mg/kg	0.0029	R4 Inverts	2	0.8
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	OCPs	1	5103-71-9	alpha-Chlordane	0.0022	0.0011	mg/kg	0.0029	R4 Inverts	0.8	0.4
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	OCPs	1	5103-71-9	alpha-Chlordane	0.0022	0.0011	mg/kg	0.0029	R4 Inverts	0.8	0.4
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	OCPs	1	5103-71-9	alpha-Chlordane	0.0022	0.0011	mg/kg	0.0029	R4 Inverts	0.8	0.4
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	OCPs	1	5103-71-9	alpha-Chlordane	0.0022	0.0011	mg/kg	0.0029	R4 Inverts	0.8	0.4
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	OCPs	1	5103-71-9	alpha-Chlordane	0.0022	0.0011	mg/kg	0.0029	R4 Inverts	0.8	0.4
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0022	0.0011	mg/kg	0.0029	R4 Inverts	0.8	0.4
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0022	0.0011	mg/kg	0.0029	R4 Inverts	0.8	0.4
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	OCPs	1	5103-71-9	alpha-Chlordane	0.002	0.001	mg/kg	0.0029	R4 Inverts	0.7	0.3
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.002	0.001	mg/kg	0.0029	R4 Inverts	0.7	0.3
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.002	0.001	mg/kg	0.0029	R4 Inverts	0.7	0.3
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.002	0.001	mg/kg	0.0029	R4 Inverts	0.7	0.3
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.002	0.001	mg/kg	0.0029	R4 Inverts	0.7	0.3
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.002	0.001	mg/kg	0.0029	R4 Inverts	0.7	0.3
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.002	0.001	mg/kg	0.0029	R4 Inverts	0.7	0.3
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.002	0.001	mg/kg	0.0029	R4 Inverts	0.7	0.3
DU-1	SA12	SA12-0.5	11/10/2006	OCPs	1	5103-71-9	alpha-Chlordane	0.0019	0.00095	mg/kg	0.0029	R4 Inverts	0.7	0.3
DU-1	SA11	SA11-0.5D	11/9/2006	OCPs	1	5103-71-9	alpha-Chlordane	0.0019	0.00095	mg/kg	0.0029	R4 Inverts	0.7	0.3
DU-1	SA18	SA18-0.5	11/15/2006	OCPs	1	5103-71-9	alpha-Chlordane	0.0019	0.00095	mg/kg	0.0029	R4 Inverts	0.7	0.3
DU-1	SA20	SA20-0.5	11/16/2006	OCPs	1	5103-71-9	alpha-Chlordane	0.0019	0.00095	mg/kg	0.0029	R4 Inverts	0.7	0.3
DU-1	SA19	SA19-0.5	11/16/2006	OCPs	1	5103-71-9	alpha-Chlordane	0.0019	0.00095	mg/kg	0.0029	R4 Inverts	0.7	0.3
DU-3	SSAM5-03	SSAM5-03-5BPC	5/4/2010	OCPs	5	5103-71-9	alpha-Chlordane	0.0019	0.00095	mg/kg	0.0029	R4 Inverts	0.7	0.3
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	OCPs	2	5103-71-9	alpha-Chlordane	0.0018	0.0009	mg/kg	0.0029	R4 Inverts	0.6	0.3
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	OCPs	2	5103-71-9	alpha-Chlordane	0.0018	0.0009	mg/kg	0.0029	R4 Inverts	0.6	0.3
DU-1	SA11	SA11-0.5	11/9/2006	OCPs	1	5103-71-9	alpha-Chlordane	0.0018	0.0009	mg/kg	0.0029	R4 Inverts	0.6	0.3
DU-2	SA02	SA2-0.5	11/3/2006	OCPs	1	5103-71-9	alpha-Chlordane	0.0018	0.0009	mg/kg	0.0029	R4 Inverts	0.6	0.3
DU-1	SA18	SA18-0.5D	11/15/2006	OCPs	1	5103-71-9	alpha-Chlordane	0.0018	0.0009	mg/kg	0.0029	R4 Inverts	0.6	0.3
DU-3	SA16	SA16-0.5	11/9/2006	OCPs	1	5103-71-9	alpha-Chlordane	0.0018	0.0009	mg/kg	0.0029	R4 Inverts	0.6	0.3
DU-2	SA07	SA7-0.5	11/20/2006	OCPs	1	5103-71-9	alpha-Chlordane	0.0018	0.0009	mg/kg	0.0029	R4 Inverts	0.6	0.3
DU-1	SA21	SA21-0.5	11/15/2006	OCPs	1	5103-71-9	alpha-Chlordane	0.0018	0.0009	mg/kg	0.0029	R4 Inverts	0.6	0.3
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	OCPs	10	5103-71-9	alpha-Chlordane	0.0011	0.00055	mg/kg	0.0029	R4 Inverts	0.4	0.2
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00094	0.00047	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00093	0.000465	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00092	0.00046	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00092	0.00046	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-2	SA121	SA121-0.5B	9/25/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00092	0.00046	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-2	SA121	SA121009-0.5B	9/25/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00092	0.00046	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00092	0.00046	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00091	0.000455	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-1	RSAO7	RSAO7-9B	10/12/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00091	0.000455	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-3	SA128	SA128-10B	9/16/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00091	0.000455	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-1	SA73	SA73-0.5B	7/29/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00091	0.000455	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.0009	0.00045	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.0009	0.00045	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-1	SA35	SA35-0.5B	6/10/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.0009	0.00045	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00089	0.000445	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00089	0.000445	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00089	0.000445	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-2	SA138	SA138-0.5B	10/6/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00089	0.000445	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00088	0.00044	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00088	0.00044	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00088	0.00044	mg/kg	0.0029	R4 Inverts	0.3	0.2

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00088	0.00044	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00088	0.00044	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00087	0.000435	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00087	0.000435	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00087	0.000435	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	OCPs	1	5103-71-9	alpha-Chlordane	0.00087	0.000435	mg/kg	0.0029	R4 Inverts	0.3	0.2
DU-1	SSAL3-05	SSAL3-05-1BPC	5/4/2010	OCPs	1	5103-71-9	alpha-Chlordane	0.00037	0.000185	mg/kg	0.0029	R4 Inverts	0.1	0.06
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	8/16/2010	OCPs	1	5103-71-9	alpha-Chlordane	0.00035	0.000175	mg/kg	0.0029	R4 Inverts	0.1	0.06
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	8/16/2010	OCPs	1	5103-71-9	alpha-Chlordane	0.00035	0.000175	mg/kg	0.0029	R4 Inverts	0.1	0.06
DU-1	EE-E14C-1	EE-E14C-1	6/2/2011	OCPs	1	5103-71-9	alpha-Chlordane	0.00035	0.000175	mg/kg	0.0029	R4 Inverts	0.1	0.06
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	8/13/2010	OCPs	1	5103-71-9	alpha-Chlordane	0.00034	0.00017	mg/kg	0.0029	R4 Inverts	0.1	0.06
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	8/16/2010	OCPs	1	5103-71-9	alpha-Chlordane	0.00034	0.00017	mg/kg	0.0029	R4 Inverts	0.1	0.06
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	8/17/2010	OCPs	1	5103-71-9	alpha-Chlordane	0.00034	0.00017	mg/kg	0.0029	R4 Inverts	0.1	0.06
DU-1	CS-E14C-1	CS-E14C-1	6/2/2011	OCPs	1	5103-71-9	alpha-Chlordane	0.00034	0.00017	mg/kg	0.0029	R4 Inverts	0.1	0.06
DU-1	SSAJ3-05	SSAJ3-05-8BPC	8/10/2010	OCPs	1	5103-71-9	alpha-Chlordane	0.00034	0.00017	mg/kg	0.0029	R4 Inverts	0.1	0.06
DU-1	SSAI3-02	SSAI3-02-14BPC	8/7/2010	OCPs	1	5103-71-9	alpha-Chlordane	0.00034	0.00017	mg/kg	0.0029	R4 Inverts	0.1	0.06
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	8/16/2010	OCPs	1	5103-71-9	alpha-Chlordane	0.00033	0.000165	mg/kg	0.0029	R4 Inverts	0.1	0.06
DU-1	SSAJ3-07	SSAJ3-07-5BPC	8/10/2010	OCPs	1	5103-71-9	alpha-Chlordane	0.00033	0.000165	mg/kg	0.0029	R4 Inverts	0.1	0.06
DU-1	DS-D27-1	DS-D27-1	4/14/2011	OCPs	1	5103-71-9	alpha-Chlordane	0.00032	0.00016	mg/kg	0.0029	R4 Inverts	0.1	0.06
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	8/16/2010	OCPs	1	5103-71-9	alpha-Chlordane	0.00032	0.00016	mg/kg	0.0029	R4 Inverts	0.1	0.06
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	8/13/2010	OCPs	1	5103-71-9	alpha-Chlordane	0.00031	0.000155	mg/kg	0.0029	R4 Inverts	0.1	0.05
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	OCPs	1	5103-71-9	alpha-Chlordane	0.00015	0.000075	mg/kg	0.0029	R4 Inverts	0.05	0.03
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	OCPs	1	5103-71-9	alpha-Chlordane	0.00015	0.000075	mg/kg	0.0029	R4 Inverts	0.05	0.03
DU-1	SA87	SA87-0.5B	6/25/2008	OCPs	1	5103-71-9	alpha-Chlordane	0.00015	0.000075	mg/kg	0.0029	R4 Inverts	0.05	0.03
DU-1	SA180	SA180-0.5BD	6/26/2008	OCPs	1	5103-71-9	alpha-Chlordane	0.00015	0.000075	mg/kg	0.0029	R4 Inverts	0.05	0.03
DU-1	SA180	SA180-0.5B	6/26/2008	OCPs	20	5103-71-9	alpha-Chlordane	0.00015	0.000075	mg/kg	0.0029	R4 Inverts	0.05	0.03
DU-1	SA67	SA67-0.5B	7/7/2008	OCPs	1	5103-71-9	alpha-Chlordane	0.00015	0.000075	mg/kg	0.0029	R4 Inverts	0.05	0.03
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	OCPs	1	5103-71-9	alpha-Chlordane	0.00011	0.000055	mg/kg	0.0029	R4 Inverts	0.04	0.02
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	OCPs	1	5103-71-9	alpha-Chlordane	0.00011	0.000055	mg/kg	0.0029	R4 Inverts	0.04	0.02
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	OCPs	1	5103-71-9	alpha-Chlordane	0.0001	0.00005	mg/kg	0.0029	R4 Inverts	0.03	0.02
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	OCPs	1	5103-71-9	alpha-Chlordane	0.0001	0.00005	mg/kg	0.0029	R4 Inverts	0.03	0.02
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	OCPs	1	5103-71-9	alpha-Chlordane	0.0001	0.00005	mg/kg	0.0029	R4 Inverts	0.03	0.02
DU-1	SA20	SA20-0.5D	11/16/2006	PCBs	1	12674-11-2	Aroclor-1016	0.041	0.0205	mg/kg	0.041	R4 Birds	**1**	0.5
DU-3	SA15	SA15-10	11/8/2006	PCBs	1	12674-11-2	Aroclor-1016	0.039	0.0195	mg/kg	0.041	R4 Birds	**1**	0.5
DU-1	SA11	SA11-0.5D	11/9/2006	PCBs	1	12674-11-2	Aroclor-1016	0.038	0.019	mg/kg	0.041	R4 Birds	0.9	0.5
DU-1	SA12	SA12-0.5	11/10/2006	PCBs	1	12674-11-2	Aroclor-1016	0.037	0.0185	mg/kg	0.041	R4 Birds	0.9	0.5
DU-1	SA20	SA20-0.5	11/16/2006	PCBs	1	12674-11-2	Aroclor-1016	0.037	0.0185	mg/kg	0.041	R4 Birds	0.9	0.5
DU-1	SA11	SA11-0.5	11/9/2006	PCBs	1	12674-11-2	Aroclor-1016	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA18	SA18-0.5	11/15/2006	PCBs	1	12674-11-2	Aroclor-1016	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-3	SA15	SA15-10D	11/8/2006	PCBs	1	12674-11-2	Aroclor-1016	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA19	SA19-0.5	11/16/2006	PCBs	1	12674-11-2	Aroclor-1016	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA18	SA18-0.5D	11/15/2006	PCBs	1	12674-11-2	Aroclor-1016	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-2	SA02	SA2-0.5	11/3/2006	PCBs	1	12674-11-2	Aroclor-1016	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-3	SA16	SA16-0.5	11/9/2006	PCBs	1	12674-11-2	Aroclor-1016	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-2	SA07	SA7-0.5	11/20/2006	PCBs	1	12674-11-2	Aroclor-1016	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA21	SA21-0.5	11/15/2006	PCBs	1	12674-11-2	Aroclor-1016	0.034	0.017	mg/kg	0.041	R4 Birds	0.8	0.4
DU-3	SA128	SA128-10B	9/16/2009	PCBs	1	12674-11-2	Aroclor-1016	0.019	0.0095	mg/kg	0.041	R4 Birds	0.5	0.2
DU-2	SA31	SA31-0.5B	9/9/2009	PCBs	1	12674-11-2	Aroclor-1016	0.019	0.0095	mg/kg	0.041	R4 Birds	0.5	0.2
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	PCBs	1	12674-11-2	Aroclor-1016	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	PCBs	1	12674-11-2	Aroclor-1016	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	PCBs	1	12674-11-2	Aroclor-1016	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	PCBs	1	12674-11-2	Aroclor-1016	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA166	SA166-0.5B	6/11/2009	PCBs	1	12674-11-2	Aroclor-1016	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-1	SA92	SA92-0.5B	6/17/2009	PCBs	1	12674-11-2	Aroclor-1016	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	PCBs	1	12674-11-2	Aroclor-1016	0.0091	0.00455	mg/kg	0.041	R4 Birds	0.2	0.1
DU-1	SA180	SA180-0.5B	6/26/2008	PCBs	1	12674-11-2	Aroclor-1016	0.0091	0.00455	mg/kg	0.041	R4 Birds	0.2	0.1
DU-1	SA180	SA180-0.5BD	6/26/2008	PCBs	1	12674-11-2	Aroclor-1016	0.0091	0.00455	mg/kg	0.041	R4 Birds	0.2	0.1
DU-3	SA128	SA128-10B	9/16/2009	PCBs	1	11104-28-2	Aroclor-1221	0.042	0.021	mg/kg	0.041	R4 Birds	**1**	0.5
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	PCBs	1	11104-28-2	Aroclor-1221	0.041	0.0205	mg/kg	0.041	R4 Birds	**1**	0.5
DU-2	SA31	SA31-0.5B	9/9/2009	PCBs	1	11104-28-2	Aroclor-1221	0.041	0.0205	mg/kg	0.041	R4 Birds	**1**	0.5
DU-1	SA20	SA20-0.5D	11/16/2006	PCBs	1	11104-28-2	Aroclor-1221	0.041	0.0205	mg/kg	0.041	R4 Birds	**1**	0.5
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	PCBs	1	11104-28-2	Aroclor-1221	0.04	0.02	mg/kg	0.041	R4 Birds	**1**	0.5
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	PCBs	1	11104-28-2	Aroclor-1221	0.04	0.02	mg/kg	0.041	R4 Birds	**1**	0.5
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	PCBs	1	11104-28-2	Aroclor-1221	0.04	0.02	mg/kg	0.041	R4 Birds	**1**	0.5
DU-1	SA166	SA166-0.5B	6/11/2009	PCBs	1	11104-28-2	Aroclor-1221	0.04	0.02	mg/kg	0.041	R4 Birds	**1**	0.5
DU-1	SA92	SA92-0.5B	6/17/2009	PCBs	1	11104-28-2	Aroclor-1221	0.04	0.02	mg/kg	0.041	R4 Birds	**1**	0.5
DU-3	SA15	SA15-10	11/8/2006	PCBs	1	11104-28-2	Aroclor-1221	0.039	0.0195	mg/kg	0.041	R4 Birds	**1**	0.5
DU-1	SA11	SA11-0.5D	11/9/2006	PCBs	1	11104-28-2	Aroclor-1221	0.038	0.019	mg/kg	0.041	R4 Birds	0.9	0.5
DU-1	SA12	SA12-0.5	11/10/2006	PCBs	1	11104-28-2	Aroclor-1221	0.037	0.0185	mg/kg	0.041	R4 Birds	0.9	0.5
DU-1	SA20	SA20-0.5	11/16/2006	PCBs	1	11104-28-2	Aroclor-1221	0.037	0.0185	mg/kg	0.041	R4 Birds	0.9	0.5
DU-1	SA11	SA11-0.5	11/9/2006	PCBs	1	11104-28-2	Aroclor-1221	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA18	SA18-0.5	11/15/2006	PCBs	1	11104-28-2	Aroclor-1221	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-3	SA15	SA15-10D	11/8/2006	PCBs	1	11104-28-2	Aroclor-1221	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA19	SA19-0.5	11/16/2006	PCBs	1	11104-28-2	Aroclor-1221	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA18	SA18-0.5D	11/15/2006	PCBs	1	11104-28-2	Aroclor-1221	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-2	SA02	SA2-0.5	11/3/2006	PCBs	1	11104-28-2	Aroclor-1221	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-3	SA16	SA16-0.5	11/9/2006	PCBs	1	11104-28-2	Aroclor-1221	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-2	SA07	SA7-0.5	11/20/2006	PCBs	1	11104-28-2	Aroclor-1221	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA21	SA21-0.5	11/15/2006	PCBs	1	11104-28-2	Aroclor-1221	0.034	0.017	mg/kg	0.041	R4 Birds	0.8	0.4
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	PCBs	1	11104-28-2	Aroclor-1221	0.028	0.014	mg/kg	0.041	R4 Birds	0.7	0.3
DU-1	SA180	SA180-0.5BD	6/26/2008	PCBs	1	11104-28-2	Aroclor-1221	0.028	0.014	mg/kg	0.041	R4 Birds	0.7	0.3
DU-1	SA180	SA180-0.5B	6/26/2008	PCBs	1	11104-28-2	Aroclor-1221	0.028	0.014	mg/kg	0.041	R4 Birds	0.7	0.3
DU-1	SA20	SA20-0.5D	11/16/2006	PCBs	1	11141-16-5	Aroclor-1232	0.041	0.0205	mg/kg	0.041	R4 Birds	**1**	0.5
DU-3	SA15	SA15-10	11/8/2006	PCBs	1	11141-16-5	Aroclor-1232	0.039	0.0195	mg/kg	0.041	R4 Birds	**1**	0.5
DU-1	SA11	SA11-0.5D	11/9/2006	PCBs	1	11141-16-5	Aroclor-1232	0.038	0.019	mg/kg	0.041	R4 Birds	0.9	0.5
DU-1	SA12	SA12-0.5	11/10/2006	PCBs	1	11141-16-5	Aroclor-1232	0.037	0.0185	mg/kg	0.041	R4 Birds	0.9	0.5
DU-1	SA20	SA20-0.5	11/16/2006	PCBs	1	11141-16-5	Aroclor-1232	0.037	0.0185	mg/kg	0.041	R4 Birds	0.9	0.5
DU-1	SA11	SA11-0.5	11/9/2006	PCBs	1	11141-16-5	Aroclor-1232	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA18	SA18-0.5	11/15/2006	PCBs	1	11141-16-5	Aroclor-1232	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-3	SA15	SA15-10D	11/8/2006	PCBs	1	11141-16-5	Aroclor-1232	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA19	SA19-0.5	11/16/2006	PCBs	1	11141-16-5	Aroclor-1232	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA18	SA18-0.5D	11/15/2006	PCBs	1	11141-16-5	Aroclor-1232	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-2	SA02	SA2-0.5	11/3/2006	PCBs	1	11141-16-5	Aroclor-1232	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-3	SA16	SA16-0.5	11/9/2006	PCBs	1	11141-16-5	Aroclor-1232	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-2	SA07	SA7-0.5	11/20/2006	PCBs	1	11141-16-5	Aroclor-1232	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA21	SA21-0.5	11/15/2006	PCBs	1	11141-16-5	Aroclor-1232	0.034	0.017	mg/kg	0.041	R4 Birds	0.8	0.4
DU-3	SA128	SA128-10B	9/16/2009	PCBs	1	11141-16-5	Aroclor-1232	0.019	0.0095	mg/kg	0.041	R4 Birds	0.5	0.2
DU-2	SA31	SA31-0.5B	9/9/2009	PCBs	1	11141-16-5	Aroclor-1232	0.019	0.0095	mg/kg	0.041	R4 Birds	0.5	0.2
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	PCBs	1	11141-16-5	Aroclor-1232	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	PCBs	1	11141-16-5	Aroclor-1232	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	PCBs	1	11141-16-5	Aroclor-1232	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	PCBs	1	11141-16-5	Aroclor-1232	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-1	SA166	SA166-0.5B	6/11/2009	PCBs	1	11141-16-5	Aroclor-1232	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-1	SA92	SA92-0.5B	6/17/2009	PCBs	1	11141-16-5	Aroclor-1232	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	PCBs	1	11141-16-5	Aroclor-1232	0.011	0.0055	mg/kg	0.041	R4 Birds	0.3	0.1
DU-1	SA180	SA180-0.5B	6/26/2008	PCBs	1	11141-16-5	Aroclor-1232	0.011	0.0055	mg/kg	0.041	R4 Birds	0.3	0.1
DU-1	SA180	SA180-0.5BD	6/26/2008	PCBs	1	11141-16-5	Aroclor-1232	0.011	0.0055	mg/kg	0.041	R4 Birds	0.3	0.1
DU-1	SA20	SA20-0.5D	11/16/2006	PCBs	1	53469-21-9	Aroclor-1242	0.041	0.0205	mg/kg	0.041	R4 Birds	**1**	0.5
DU-3	SA15	SA15-10	11/8/2006	PCBs	1	53469-21-9	Aroclor-1242	0.039	0.0195	mg/kg	0.041	R4 Birds	**1**	0.5
DU-1	SA11	SA11-0.5D	11/9/2006	PCBs	1	53469-21-9	Aroclor-1242	0.038	0.019	mg/kg	0.041	R4 Birds	0.9	0.5
DU-1	SA12	SA12-0.5	11/10/2006	PCBs	1	53469-21-9	Aroclor-1242	0.037	0.0185	mg/kg	0.041	R4 Birds	0.9	0.5
DU-1	SA20	SA20-0.5	11/16/2006	PCBs	1	53469-21-9	Aroclor-1242	0.037	0.0185	mg/kg	0.041	R4 Birds	0.9	0.5
DU-1	SA11	SA11-0.5	11/9/2006	PCBs	1	53469-21-9	Aroclor-1242	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA18	SA18-0.5	11/15/2006	PCBs	1	53469-21-9	Aroclor-1242	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-3	SA15	SA15-10D	11/8/2006	PCBs	1	53469-21-9	Aroclor-1242	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA19	SA19-0.5	11/16/2006	PCBs	1	53469-21-9	Aroclor-1242	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA18	SA18-0.5D	11/15/2006	PCBs	1	53469-21-9	Aroclor-1242	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-2	SA02	SA2-0.5	11/3/2006	PCBs	1	53469-21-9	Aroclor-1242	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-3	SA16	SA16-0.5	11/9/2006	PCBs	1	53469-21-9	Aroclor-1242	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-2	SA07	SA7-0.5	11/20/2006	PCBs	1	53469-21-9	Aroclor-1242	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA21	SA21-0.5	11/15/2006	PCBs	1	53469-21-9	Aroclor-1242	0.034	0.017	mg/kg	0.041	R4 Birds	0.8	0.4
DU-3	SA128	SA128-10B	9/16/2009	PCBs	1	53469-21-9	Aroclor-1242	0.029	0.0145	mg/kg	0.041	R4 Birds	0.7	0.4
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	PCBs	1	53469-21-9	Aroclor-1242	0.028	0.014	mg/kg	0.041	R4 Birds	0.7	0.3
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	PCBs	1	53469-21-9	Aroclor-1242	0.028	0.014	mg/kg	0.041	R4 Birds	0.7	0.3
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	PCBs	1	53469-21-9	Aroclor-1242	0.028	0.014	mg/kg	0.041	R4 Birds	0.7	0.3
DU-2	SA31	SA31-0.5B	9/9/2009	PCBs	1	53469-21-9	Aroclor-1242	0.028	0.014	mg/kg	0.041	R4 Birds	0.7	0.3
DU-1	SA166	SA166-0.5B	6/11/2009	PCBs	1	53469-21-9	Aroclor-1242	0.028	0.014	mg/kg	0.041	R4 Birds	0.7	0.3
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	PCBs	1	53469-21-9	Aroclor-1242	0.027	0.0135	mg/kg	0.041	R4 Birds	0.7	0.3
DU-1	SA92	SA92-0.5B	6/17/2009	PCBs	1	53469-21-9	Aroclor-1242	0.027	0.0135	mg/kg	0.041	R4 Birds	0.7	0.3
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	PCBs	1	53469-21-9	Aroclor-1242	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-1	SA180	SA180-0.5B	6/26/2008	PCBs	1	53469-21-9	Aroclor-1242	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-1	SA180	SA180-0.5BD	6/26/2008	PCBs	1	53469-21-9	Aroclor-1242	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-1	SA20	SA20-0.5D	11/16/2006	PCBs	1	12672-29-6	Aroclor-1248	0.041	0.0205	mg/kg	0.041	R4 Birds	**1**	0.5
DU-3	SA15	SA15-10	11/8/2006	PCBs	1	12672-29-6	Aroclor-1248	0.039	0.0195	mg/kg	0.041	R4 Birds	**1**	0.5
DU-1	SA11	SA11-0.5D	11/9/2006	PCBs	1	12672-29-6	Aroclor-1248	0.038	0.019	mg/kg	0.041	R4 Birds	0.9	0.5
DU-1	SA12	SA12-0.5	11/10/2006	PCBs	1	12672-29-6	Aroclor-1248	0.037	0.0185	mg/kg	0.041	R4 Birds	0.9	0.5
DU-1	SA20	SA20-0.5	11/16/2006	PCBs	1	12672-29-6	Aroclor-1248	0.037	0.0185	mg/kg	0.041	R4 Birds	0.9	0.5
DU-1	SA11	SA11-0.5	11/9/2006	PCBs	1	12672-29-6	Aroclor-1248	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA18	SA18-0.5	11/15/2006	PCBs	1	12672-29-6	Aroclor-1248	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-3	SA15	SA15-10D	11/8/2006	PCBs	1	12672-29-6	Aroclor-1248	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA19	SA19-0.5	11/16/2006	PCBs	1	12672-29-6	Aroclor-1248	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA18	SA18-0.5D	11/15/2006	PCBs	1	12672-29-6	Aroclor-1248	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-2	SA02	SA2-0.5	11/3/2006	PCBs	1	12672-29-6	Aroclor-1248	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-3	SA16	SA16-0.5	11/9/2006	PCBs	1	12672-29-6	Aroclor-1248	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-2	SA07	SA7-0.5	11/20/2006	PCBs	1	12672-29-6	Aroclor-1248	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA21	SA21-0.5	11/15/2006	PCBs	1	12672-29-6	Aroclor-1248	0.034	0.017	mg/kg	0.041	R4 Birds	0.8	0.4
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	PCBs	1	12672-29-6	Aroclor-1248	0.019	0.0095	mg/kg	0.041	R4 Birds	0.5	0.2
DU-3	SA128	SA128-10B	9/16/2009	PCBs	1	12672-29-6	Aroclor-1248	0.019	0.0095	mg/kg	0.041	R4 Birds	0.5	0.2
DU-2	SA31	SA31-0.5B	9/9/2009	PCBs	1	12672-29-6	Aroclor-1248	0.019	0.0095	mg/kg	0.041	R4 Birds	0.5	0.2
DU-1	SA180	SA180-0.5B	6/26/2008	PCBs	1	12672-29-6	Aroclor-1248	0.019	0.0095	mg/kg	0.041	R4 Birds	0.5	0.2
DU-1	SA180	SA180-0.5BD	6/26/2008	PCBs	1	12672-29-6	Aroclor-1248	0.019	0.0095	mg/kg	0.041	R4 Birds	0.5	0.2
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	PCBs	1	12672-29-6	Aroclor-1248	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	PCBs	1	12672-29-6	Aroclor-1248	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	PCBs	1	12672-29-6	Aroclor-1248	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	PCBs	1	12672-29-6	Aroclor-1248	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-1	SA166	SA166-0.5B	6/11/2009	PCBs	1	12672-29-6	Aroclor-1248	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA92	SA92-0.5B	6/17/2009	PCBs	1	12672-29-6	Aroclor-1248	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-1	SA20	SA20-0.5D	11/16/2006	PCBs	1	11097-69-1	Aroclor-1254	0.041	0.0205	mg/kg	0.041	R4 Birds	**1**	0.5
DU-3	SA15	SA15-10	11/8/2006	PCBs	1	11097-69-1	Aroclor-1254	0.039	0.0195	mg/kg	0.041	R4 Birds	**1**	0.5
DU-1	SA11	SA11-0.5D	11/9/2006	PCBs	1	11097-69-1	Aroclor-1254	0.038	0.019	mg/kg	0.041	R4 Birds	0.9	0.5
DU-1	SA12	SA12-0.5	11/10/2006	PCBs	1	11097-69-1	Aroclor-1254	0.037	0.0185	mg/kg	0.041	R4 Birds	0.9	0.5
DU-1	SA20	SA20-0.5	11/16/2006	PCBs	1	11097-69-1	Aroclor-1254	0.037	0.0185	mg/kg	0.041	R4 Birds	0.9	0.5
DU-1	SA11	SA11-0.5	11/9/2006	PCBs	1	11097-69-1	Aroclor-1254	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-3	SA15	SA15-10D	11/8/2006	PCBs	1	11097-69-1	Aroclor-1254	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA18	SA18-0.5	11/15/2006	PCBs	1	11097-69-1	Aroclor-1254	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA19	SA19-0.5	11/16/2006	PCBs	1	11097-69-1	Aroclor-1254	0.036	0.018	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA18	SA18-0.5D	11/15/2006	PCBs	1	11097-69-1	Aroclor-1254	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-2	SA02	SA2-0.5	11/3/2006	PCBs	1	11097-69-1	Aroclor-1254	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-3	SA16	SA16-0.5	11/9/2006	PCBs	1	11097-69-1	Aroclor-1254	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-2	SA07	SA7-0.5	11/20/2006	PCBs	1	11097-69-1	Aroclor-1254	0.035	0.0175	mg/kg	0.041	R4 Birds	0.9	0.4
DU-1	SA21	SA21-0.5	11/15/2006	PCBs	1	11097-69-1	Aroclor-1254	0.034	0.017	mg/kg	0.041	R4 Birds	0.8	0.4
DU-3	SA128	SA128-10B	9/16/2009	PCBs	1	11097-69-1	Aroclor-1254	0.019	0.0095	mg/kg	0.041	R4 Birds	0.5	0.2
DU-2	SA31	SA31-0.5B	9/9/2009	PCBs	1	11097-69-1	Aroclor-1254	0.019	0.0095	mg/kg	0.041	R4 Birds	0.5	0.2
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	PCBs	1	11097-69-1	Aroclor-1254	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	PCBs	1	11097-69-1	Aroclor-1254	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	PCBs	1	11097-69-1	Aroclor-1254	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	PCBs	1	11097-69-1	Aroclor-1254	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-1	SA166	SA166-0.5B	6/11/2009	PCBs	1	11097-69-1	Aroclor-1254	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-1	SA92	SA92-0.5B	6/17/2009	PCBs	1	11097-69-1	Aroclor-1254	0.018	0.009	mg/kg	0.041	R4 Birds	0.4	0.2
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	PCBs	1	11097-69-1	Aroclor-1254	0.0098	0.0049	mg/kg	0.041	R4 Birds	0.2	0.1
DU-1	SA180	SA180-0.5B	6/26/2008	PCBs	1	11097-69-1	Aroclor-1254	0.0098	0.0049	mg/kg	0.041	R4 Birds	0.2	0.1
DU-1	SA180	SA180-0.5BD	6/26/2008	PCBs	1	11097-69-1	Aroclor-1254	0.0098	0.0049	mg/kg	0.041	R4 Birds	0.2	0.1
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OPPs	1	1912-24-9	Atrazine	0.013	0.0065	mg/kg	0.00005	R4 Inverts	300	100
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OPPs	1	1912-24-9	Atrazine	0.013	0.0065	mg/kg	0.00005	R4 Inverts	300	100
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OPPs	1	1912-24-9	Atrazine	0.013	0.0065	mg/kg	0.00005	R4 Inverts	300	100
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OPPs	1	1912-24-9	Atrazine	0.013	0.0065	mg/kg	0.00005	R4 Inverts	300	100
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OPPs	1	1912-24-9	Atrazine	0.013	0.0065	mg/kg	0.00005	R4 Inverts	300	100
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OPPs	1	1912-24-9	Atrazine	0.013	0.0065	mg/kg	0.00005	R4 Inverts	300	100
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OPPs	1	1912-24-9	Atrazine	0.013	0.0065	mg/kg	0.00005	R4 Inverts	300	100
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	71-43-2	Benzene	0.0062	0.0031	mg/kg	0.12	R4 Inverts	0.05	0.03

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	71-43-2	Benzene	0.0059	0.00295	mg/kg	0.12	R4 Inverts	0.05	0.02
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	71-43-2	Benzene	0.0057	0.00285	mg/kg	0.12	R4 Inverts	0.05	0.02
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	71-43-2	Benzene	0.0056	0.0028	mg/kg	0.12	R4 Inverts	0.05	0.02
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	71-43-2	Benzene	0.0056	0.0028	mg/kg	0.12	R4 Inverts	0.05	0.02
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	71-43-2	Benzene	0.0055	0.00275	mg/kg	0.12	R4 Inverts	0.05	0.02
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	71-43-2	Benzene	0.0055	0.00275	mg/kg	0.12	R4 Inverts	0.05	0.02
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	71-43-2	Benzene	0.0055	0.00275	mg/kg	0.12	R4 Inverts	0.05	0.02
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	71-43-2	Benzene	0.0054	0.0027	mg/kg	0.12	R4 Inverts	0.05	0.02
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	71-43-2	Benzene	0.0053	0.00265	mg/kg	0.12	R4 Inverts	0.04	0.02
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	71-43-2	Benzene	0.0053	0.00265	mg/kg	0.12	R4 Inverts	0.04	0.02
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	71-43-2	Benzene	0.0053	0.00265	mg/kg	0.12	R4 Inverts	0.04	0.02
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	71-43-2	Benzene	0.0053	0.00265	mg/kg	0.12	R4 Inverts	0.04	0.02
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	71-43-2	Benzene	0.0052	0.0026	mg/kg	0.12	R4 Inverts	0.04	0.02
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	71-43-2	Benzene	0.0049	0.00245	mg/kg	0.12	R4 Inverts	0.04	0.02
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	71-43-2	Benzene	0.00097	0.000485	mg/kg	0.12	R4 Inverts	0.008	0.004
DU-1	SA157	SA157-0.5B	10/20/2009	VOCs	1.89	71-43-2	Benzene	0.00094	0.00047	mg/kg	0.12	R4 Inverts	0.008	0.004
DU-3	SA65	SA65-10B	8/25/2009	VOCs	1.68	71-43-2	Benzene	0.00084	0.00042	mg/kg	0.12	R4 Inverts	0.007	0.004
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	VOCs	1	71-43-2	Benzene	0.00082	0.00041	mg/kg	0.12	R4 Inverts	0.007	0.003
DU-2	SA103	SA103-0.5B	10/6/2009	VOCs	1.34	71-43-2	Benzene	0.00066	0.00033	mg/kg	0.12	R4 Inverts	0.006	0.003
DU-1	RISB-37	RISB-37-0.5-20141117	11/17/2014	VOCs	1	71-43-2	Benzene	0.00058	0.00029	mg/kg	0.12	R4 Inverts	0.005	0.002
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	VOCs	1.14	71-43-2	Benzene	0.00057	0.000285	mg/kg	0.12	R4 Inverts	0.005	0.002
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	VOCs	1	71-43-2	Benzene	0.00055	0.000275	mg/kg	0.12	R4 Inverts	0.005	0.002
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	VOCs	1	71-43-2	Benzene	0.00054	0.00027	mg/kg	0.12	R4 Inverts	0.005	0.002
DU-1	RISB-31	RISB-31-0.5-20141119	11/19/2014	VOCs	1	71-43-2	Benzene	0.00054	0.00027	mg/kg	0.12	R4 Inverts	0.005	0.002
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	71-43-2	Benzene	0.00054	0.00027	mg/kg	0.12	R4 Inverts	0.005	0.002
DU-2	SA116	SA116-0.5B	9/2/2009	VOCs	1.08	71-43-2	Benzene	0.00054	0.00027	mg/kg	0.12	R4 Inverts	0.005	0.002
DU-2	SA212	SA212-0.5B	9/28/2009	VOCs	1.09	71-43-2	Benzene	0.00053	0.000265	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	VOCs	1	71-43-2	Benzene	0.00053	0.000265	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	SA141	SA141009-14B	10/15/2009	VOCs	1.07	71-43-2	Benzene	0.00053	0.000265	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	VOCs	1	71-43-2	Benzene	0.00052	0.00026	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	VOCs	1	71-43-2	Benzene	0.00052	0.00026	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	VOCs	1	71-43-2	Benzene	0.00052	0.00026	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	VOCs	1.04	71-43-2	Benzene	0.00052	0.00026	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	VOCs	1	71-43-2	Benzene	0.00052	0.00026	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-2	SA121	SA121009-0.5B	9/25/2009	VOCs	1.02	71-43-2	Benzene	0.00052	0.00026	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	VOCs	1	71-43-2	Benzene	0.00052	0.00026	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	VOCs	1	71-43-2	Benzene	0.00051	0.000255	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RISB-30	RISB-30-0.5-20141118	11/18/2014	VOCs	1	71-43-2	Benzene	0.00051	0.000255	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RISB-35	RISB-35-0.5-20141119	11/19/2014	VOCs	1	71-43-2	Benzene	0.00051	0.000255	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RISB-54	RISB-54-0.5-20141117	11/17/2014	VOCs	1	71-43-2	Benzene	0.00051	0.000255	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RISB-33	RISB-33-0.5-20141119	11/19/2014	VOCs	1	71-43-2	Benzene	0.00051	0.000255	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	VOCs	1	71-43-2	Benzene	0.00051	0.000255	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RISB-36	RISB-36-0.5-20141118	11/18/2014	VOCs	1	71-43-2	Benzene	0.00051	0.000255	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	VOCs	1	71-43-2	Benzene	0.00051	0.000255	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	VOCs	1	71-43-2	Benzene	0.00051	0.000255	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	VOCs	1	71-43-2	Benzene	0.00051	0.000255	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	VOCs	1	71-43-2	Benzene	0.00051	0.000255	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	VOCs	1	71-43-2	Benzene	0.00051	0.000255	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	71-43-2	Benzene	0.00051	0.000255	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	71-43-2	Benzene	0.00051	0.000255	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	VOCs	1	71-43-2	Benzene	0.00051	0.000255	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-2	SA138	SA138-0.5B	10/6/2009	VOCs	1.03	71-43-2	Benzene	0.00051	0.000255	mg/kg	0.12	R4 Inverts	0.004	0.002

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	71-43-2	Benzene	0.0005	0.00025	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	71-43-2	Benzene	0.0005	0.00025	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	VOCs	1	71-43-2	Benzene	0.0005	0.00025	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RISB-34	RISB-34-0.5-20141119	11/19/2014	VOCs	1	71-43-2	Benzene	0.0005	0.00025	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	VOCs	1	71-43-2	Benzene	0.0005	0.00025	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RISB-53	RISB-53-0.5-20141106	11/6/2014	VOCs	1	71-43-2	Benzene	0.0005	0.00025	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-3	SA128	SA128-10B	9/16/2009	VOCs	0.99	71-43-2	Benzene	0.0005	0.00025	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RISB-55	RISB-55-0.5-20141114	11/14/2014	VOCs	1	71-43-2	Benzene	0.0005	0.00025	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	VOCs	1	71-43-2	Benzene	0.0005	0.00025	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	VOCs	1	71-43-2	Benzene	0.00049	0.000245	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	SA151	SA151-0.5B	9/17/2009	VOCs	0.99	71-43-2	Benzene	0.00049	0.000245	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	SA171	SA171-5B	10/19/2009	VOCs	0.98	71-43-2	Benzene	0.00049	0.000245	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	71-43-2	Benzene	0.00049	0.000245	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-2	RISB-56	RISB-56-0.5-20141104	11/4/2014	VOCs	1	71-43-2	Benzene	0.00049	0.000245	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	VOCs	1	71-43-2	Benzene	0.00048	0.00024	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	VOCs	1	71-43-2	Benzene	0.00048	0.00024	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	VOCs	1	71-43-2	Benzene	0.00048	0.00024	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	VOCs	1	71-43-2	Benzene	0.00048	0.00024	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	VOCs	0.98	71-43-2	Benzene	0.00048	0.00024	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	71-43-2	Benzene	0.00048	0.00024	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	VOCs	1	71-43-2	Benzene	0.00048	0.00024	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	VOCs	1	71-43-2	Benzene	0.00048	0.00024	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	VOCs	1	71-43-2	Benzene	0.00048	0.00024	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	71-43-2	Benzene	0.00048	0.00024	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	VOCs	1	71-43-2	Benzene	0.00047	0.000235	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	VOCs	1	71-43-2	Benzene	0.00047	0.000235	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	VOCs	1	71-43-2	Benzene	0.00047	0.000235	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	VOCs	1	71-43-2	Benzene	0.00047	0.000235	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RISB-32	RISB-32-0.5-20141120	11/20/2014	VOCs	1	71-43-2	Benzene	0.00047	0.000235	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	VOCs	1	71-43-2	Benzene	0.00046	0.00023	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	71-43-2	Benzene	0.00046	0.00023	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	VOCs	0.95	71-43-2	Benzene	0.00046	0.00023	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	VOCs	0.93	71-43-2	Benzene	0.00046	0.00023	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-2	SA28	SA28-0.5B	8/3/2009	VOCs	0.92	71-43-2	Benzene	0.00046	0.00023	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RSAO7	RSAO7-9B	10/12/2009	VOCs	0.89	71-43-2	Benzene	0.00045	0.000225	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	VOCs	1	71-43-2	Benzene	0.00044	0.00022	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-2	RISB-57	RISB-57-0.5-20141103	11/3/2014	VOCs	1	71-43-2	Benzene	0.00044	0.00022	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-2	SA146	SA146-0.5B	8/4/2009	VOCs	0.88	71-43-2	Benzene	0.00044	0.00022	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-2	SA147	SA147-0.5B	8/4/2009	VOCs	0.83	71-43-2	Benzene	0.00043	0.000215	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-1	SSAN7-06	SSAN7-06-0.5BPC	9/7/2010	VOCs	1	71-43-2	Benzene	0.00042	0.00021	mg/kg	0.12	R4 Inverts	0.004	0.002
DU-2	SA121	SA121-0.5B	9/25/2009	VOCs	0.81	71-43-2	Benzene	0.00041	0.000205	mg/kg	0.12	R4 Inverts	0.003	0.002
DU-1	SA69	SA69-0.5B	7/7/2009	VOCs	0.72	71-43-2	Benzene	0.00037	0.000185	mg/kg	0.12	R4 Inverts	0.003	0.002
DU-1	SSAO7-06	SSAO7-06-0.5BPC	9/27/2010	VOCs	1	71-43-2	Benzene	0.00036	0.00018	mg/kg	0.12	R4 Inverts	0.003	0.002
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	VOCs	1	71-43-2	Benzene	0.00035	0.000175	mg/kg	0.12	R4 Inverts	0.003	0.001
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	VOCs	0.71	71-43-2	Benzene	0.00034	0.00017	mg/kg	0.12	R4 Inverts	0.003	0.001
DU-1	SSAO8-05	SSAO8-05-0.5BPC	9/27/2010	VOCs	1	71-43-2	Benzene	0.00034	0.00017	mg/kg	0.12	R4 Inverts	0.003	0.001
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	VOCs	1	71-43-2	Benzene	0.00033	0.000165	mg/kg	0.12	R4 Inverts	0.003	0.001
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	VOCs	1	71-43-2	Benzene	0.00033	0.000165	mg/kg	0.12	R4 Inverts	0.003	0.001
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	VOCs	0.63	71-43-2	Benzene	0.00031	0.000155	mg/kg	0.12	R4 Inverts	0.003	0.001
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	VOCs	0.63	71-43-2	Benzene	0.00031	0.000155	mg/kg	0.12	R4 Inverts	0.003	0.001
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	VOCs	1.33	71-43-2	Benzene	0.00029	0.000145	mg/kg	0.12	R4 Inverts	0.002	0.001
DU-1	SSAO8-08	SSAO8-08-0.5BPC	9/27/2010	VOCs	1	71-43-2	Benzene	0.00028	0.00014	mg/kg	0.12	R4 Inverts	0.002	0.001

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	71-43-2	Benzene	0.00028	0.00014	mg/kg	0.12	R4 Inverts	0.002	0.001
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	71-43-2	Benzene	0.00027	0.000135	mg/kg	0.12	R4 Inverts	0.002	0.001
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	71-43-2	Benzene	0.00027	0.000135	mg/kg	0.12	R4 Inverts	0.002	0.001
DU-1	SSAN8-07	SSAN8-07-0.5BPC	9/7/2010	VOCs	1	71-43-2	Benzene	0.00027	0.000135	mg/kg	0.12	R4 Inverts	0.002	0.001
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	VOCs	1	71-43-2	Benzene	0.00027	0.000135	mg/kg	0.12	R4 Inverts	0.002	0.001
DU-1	SA71	SA71-0.5B	6/16/2009	VOCs	1.2	71-43-2	Benzene	0.00026	0.00013	mg/kg	0.12	R4 Inverts	0.002	0.001
DU-3	SA197	SA197-0.5B	6/19/2009	VOCs	1.07	71-43-2	Benzene	0.00025	0.000125	mg/kg	0.12	R4 Inverts	0.002	0.001
DU-1	SA145	SA145-0.5B	6/12/2009	VOCs	1.14	71-43-2	Benzene	0.00025	0.000125	mg/kg	0.12	R4 Inverts	0.002	0.001
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	VOCs	1	71-43-2	Benzene	0.00025	0.000125	mg/kg	0.12	R4 Inverts	0.002	0.001
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	VOCs	0.99	71-43-2	Benzene	0.00024	0.00012	mg/kg	0.12	R4 Inverts	0.002	0.001
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	VOCs	1.09	71-43-2	Benzene	0.00024	0.00012	mg/kg	0.12	R4 Inverts	0.002	0.001
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	VOCs	1.08	71-43-2	Benzene	0.00024	0.00012	mg/kg	0.12	R4 Inverts	0.002	0.001
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	VOCs	1.04	71-43-2	Benzene	0.00023	0.000115	mg/kg	0.12	R4 Inverts	0.002	0.001
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	71-43-2	Benzene	0.00023	0.000115	mg/kg	0.12	R4 Inverts	0.002	0.001
DU-1	SA85	SA85-0.5B	6/16/2009	VOCs	1.02	71-43-2	Benzene	0.00023	0.000115	mg/kg	0.12	R4 Inverts	0.002	0.001
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	71-43-2	Benzene	0.00022	0.00011	mg/kg	0.12	R4 Inverts	0.002	0.0009
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	71-43-2	Benzene	0.00022	0.00011	mg/kg	0.12	R4 Inverts	0.002	0.0009
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	71-43-2	Benzene	0.00022	0.00011	mg/kg	0.12	R4 Inverts	0.002	0.0009
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	VOCs	0.97	71-43-2	Benzene	0.00022	0.00011	mg/kg	0.12	R4 Inverts	0.002	0.0009
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	VOCs	0.97	71-43-2	Benzene	0.00022	0.00011	mg/kg	0.12	R4 Inverts	0.002	0.0009
DU-1	SA62	SA62-0.5B	6/16/2009	VOCs	0.97	71-43-2	Benzene	0.00022	0.00011	mg/kg	0.12	R4 Inverts	0.002	0.0009
DU-1	SA186	SA186-0.5B	6/29/2009	VOCs	1	71-43-2	Benzene	0.00022	0.00011	mg/kg	0.12	R4 Inverts	0.002	0.0009
DU-1	SA166	SA166-0.5B	6/11/2009	VOCs	1	71-43-2	Benzene	0.00022	0.00011	mg/kg	0.12	R4 Inverts	0.002	0.0009
DU-1	SA50	SA50-0.5B	6/30/2009	VOCs	0.97	71-43-2	Benzene	0.00022	0.00011	mg/kg	0.12	R4 Inverts	0.002	0.0009
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	VOCs	0.93	71-43-2	Benzene	0.00021	0.000105	mg/kg	0.12	R4 Inverts	0.002	0.0009
DU-1	SA176	SA176-0.5B	6/10/2009	VOCs	0.92	71-43-2	Benzene	0.00021	0.000105	mg/kg	0.12	R4 Inverts	0.002	0.0009
DU-1	SA152	SA152-0.5B	6/4/2009	VOCs	0.93	71-43-2	Benzene	0.00021	0.000105	mg/kg	0.12	R4 Inverts	0.002	0.0009
DU-1	SA75	SA75-0.5B	7/17/2009	VOCs	0.91	71-43-2	Benzene	0.00021	0.000105	mg/kg	0.12	R4 Inverts	0.002	0.0009
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	VOCs	0.91	71-43-2	Benzene	0.0002	0.0001	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	VOCs	0.91	71-43-2	Benzene	0.0002	0.0001	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	VOCs	0.91	71-43-2	Benzene	0.0002	0.0001	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	SA185	SA185-0.5B	6/29/2009	VOCs	0.89	71-43-2	Benzene	0.0002	0.0001	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	SA55	SA55-0.5B	6/10/2009	VOCs	0.89	71-43-2	Benzene	0.0002	0.0001	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	SA152	SA152009-0.5B	6/4/2009	VOCs	0.9	71-43-2	Benzene	0.0002	0.0001	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-3	SA64	SA64-0.5B	6/19/2009	VOCs	0.88	71-43-2	Benzene	0.0002	0.0001	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	SA173	SA173-0.5B	7/27/2009	VOCs	0.9	71-43-2	Benzene	0.0002	0.0001	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	SA92	SA92-0.5B	6/17/2009	VOCs	0.89	71-43-2	Benzene	0.0002	0.0001	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	VOCs	0.91	71-43-2	Benzene	0.0002	0.0001	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	VOCs	1.15	71-43-2	Benzene	0.00019	0.000095	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	VOCs	0.86	71-43-2	Benzene	0.00019	0.000095	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	VOCs	1.08	71-43-2	Benzene	0.00019	0.000095	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	SA158	SA158-0.5B	6/17/2009	VOCs	0.85	71-43-2	Benzene	0.00019	0.000095	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	SA87	SA87-0.5B	6/25/2008	VOCs	1.02	71-43-2	Benzene	0.00019	0.000095	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	SA180	SA180-0.5B	6/26/2008	VOCs	0.91	71-43-2	Benzene	0.00019	0.000095	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	SA180	SA180-0.5BD	6/26/2008	VOCs	0.95	71-43-2	Benzene	0.00019	0.000095	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	SA189	SA189-0.5B	6/4/2009	VOCs	0.85	71-43-2	Benzene	0.00019	0.000095	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	SA179	SA179-0.5B	7/28/2009	VOCs	0.79	71-43-2	Benzene	0.00019	0.000095	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	71-43-2	Benzene	0.00019	0.000095	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	VOCs	0.74	71-43-2	Benzene	0.00018	0.00009	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	SA73	SA73-0.5B	7/29/2009	VOCs	0.77	71-43-2	Benzene	0.00018	0.00009	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	71-43-2	Benzene	0.00018	0.00009	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	71-43-2	Benzene	0.00018	0.00009	mg/kg	0.12	R4 Inverts	0.002	0.0008

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	71-43-2	Benzene	0.00018	0.00009	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	71-43-2	Benzene	0.00018	0.00009	mg/kg	0.12	R4 Inverts	0.002	0.0008
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	VOCs	0.76	71-43-2	Benzene	0.00017	0.000085	mg/kg	0.12	R4 Inverts	0.001	0.0007
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	71-43-2	Benzene	0.00017	0.000085	mg/kg	0.12	R4 Inverts	0.001	0.0007
DU-1	SA74	SA74-0.5B	7/15/2009	VOCs	0.72	71-43-2	Benzene	0.00017	0.000085	mg/kg	0.12	R4 Inverts	0.001	0.0007
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	71-43-2	Benzene	0.00017	0.000085	mg/kg	0.12	R4 Inverts	0.001	0.0007
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	71-43-2	Benzene	0.00017	0.000085	mg/kg	0.12	R4 Inverts	0.001	0.0007
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	VOCs	0.71	71-43-2	Benzene	0.00016	0.00008	mg/kg	0.12	R4 Inverts	0.001	0.0007
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	VOCs	0.68	71-43-2	Benzene	0.00016	0.00008	mg/kg	0.12	R4 Inverts	0.001	0.0007
DU-1	SA74	SA74009-0.5B	7/15/2009	VOCs	0.65	71-43-2	Benzene	0.00016	0.00008	mg/kg	0.12	R4 Inverts	0.001	0.0007
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	VOCs	0.63	71-43-2	Benzene	0.00015	0.000075	mg/kg	0.12	R4 Inverts	0.001	0.0006
DU-1	SA72	SA72-0.5B	7/27/2009	VOCs	0.64	71-43-2	Benzene	0.00015	0.000075	mg/kg	0.12	R4 Inverts	0.001	0.0006
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	VOCs	0.6	71-43-2	Benzene	0.00014	0.00007	mg/kg	0.12	R4 Inverts	0.001	0.0006
DU-1	SA173	SA173009-0.5B	7/27/2009	VOCs	0.58	71-43-2	Benzene	0.00013	0.000065	mg/kg	0.12	R4 Inverts	0.001	0.0005
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	65-85-0	Benzoic acid	10	5	mg/kg	0.01	R4 Inverts	1000	500
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	65-85-0	Benzoic acid	4.2	2.1	mg/kg	0.01	R4 Inverts	400	200
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	65-85-0	Benzoic acid	0.79	0.395	mg/kg	0.01	R4 Inverts	80	40
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	65-85-0	Benzoic acid	0.79	0.395	mg/kg	0.01	R4 Inverts	80	40
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	65-85-0	Benzoic acid	0.74	0.37	mg/kg	0.01	R4 Inverts	70	40
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	65-85-0	Benzoic acid	0.73	0.365	mg/kg	0.01	R4 Inverts	70	40
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	65-85-0	Benzoic acid	0.71	0.355	mg/kg	0.01	R4 Inverts	70	40
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	65-85-0	Benzoic acid	0.37	0.185	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	65-85-0	Benzoic acid	0.37	0.185	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	65-85-0	Benzoic acid	0.37	0.185	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	65-85-0	Benzoic acid	0.37	0.185	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	65-85-0	Benzoic acid	0.37	0.185	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	65-85-0	Benzoic acid	0.36	0.18	mg/kg	0.01	R4 Inverts	40	20
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	65-85-0	Benzoic acid	0.36	0.18	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	65-85-0	Benzoic acid	0.36	0.18	mg/kg	0.01	R4 Inverts	40	20
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	65-85-0	Benzoic acid	0.36	0.18	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	65-85-0	Benzoic acid	0.36	0.18	mg/kg	0.01	R4 Inverts	40	20
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	65-85-0	Benzoic acid	0.34	0.17	mg/kg	0.01	R4 Inverts	30	20
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	65-85-0	Benzoic acid	0.34	0.17	mg/kg	0.01	R4 Inverts	30	20
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	65-85-0	Benzoic acid	0.34	0.17	mg/kg	0.01	R4 Inverts	30	20
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	65-85-0	Benzoic acid	0.34	0.17	mg/kg	0.01	R4 Inverts	30	20
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	65-85-0	Benzoic acid	0.34	0.17	mg/kg	0.01	R4 Inverts	30	20
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	65-85-0	Benzoic acid	0.34	0.17	mg/kg	0.01	R4 Inverts	30	20

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	65-85-0	Benzoic acid	0.036	0.018	mg/kg	0.01	R4 Inverts	4	2
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	65-85-0	Benzoic acid	0.035	0.0175	mg/kg	0.01	R4 Inverts	4	2
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	65-85-0	Benzoic acid	0.035	0.0175	mg/kg	0.01	R4 Inverts	4	2
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	65-85-0	Benzoic acid	0.034	0.017	mg/kg	0.01	R4 Inverts	3	2
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	65-85-0	Benzoic acid	0.034	0.017	mg/kg	0.01	R4 Inverts	3	2
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	65-85-0	Benzoic acid	0.034	0.017	mg/kg	0.01	R4 Inverts	3	2
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	65-85-0	Benzoic acid	0.034	0.017	mg/kg	0.01	R4 Inverts	3	2
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	100-51-6	Benzyl alcohol	4.6	2.3	mg/kg	0.002	R4 Inverts	2000	1000
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	100-51-6	Benzyl alcohol	1.9	0.95	mg/kg	0.002	R4 Inverts	1000	500
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	SVOCs	4	100-51-6	Benzyl alcohol	0.6	0.3	mg/kg	0.002	R4 Inverts	300	200
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	100-51-6	Benzyl alcohol	0.35	0.175	mg/kg	0.002	R4 Inverts	200	90
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	100-51-6	Benzyl alcohol	0.35	0.175	mg/kg	0.002	R4 Inverts	200	90
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	100-51-6	Benzyl alcohol	0.33	0.165	mg/kg	0.002	R4 Inverts	200	80
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.32	0.16	mg/kg	0.002	R4 Inverts	200	80
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	100-51-6	Benzyl alcohol	0.31	0.155	mg/kg	0.002	R4 Inverts	200	80
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	100-51-6	Benzyl alcohol	0.036	0.018	mg/kg	0.002	R4 Inverts	20	9
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	100-51-6	Benzyl alcohol	0.035	0.0175	mg/kg	0.002	R4 Inverts	20	9
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	100-51-6	Benzyl alcohol	0.035	0.0175	mg/kg	0.002	R4 Inverts	20	9
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	100-51-6	Benzyl alcohol	0.034	0.017	mg/kg	0.002	R4 Inverts	20	9
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	100-51-6	Benzyl alcohol	0.034	0.017	mg/kg	0.002	R4 Inverts	20	9
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	100-51-6	Benzyl alcohol	0.034	0.017	mg/kg	0.002	R4 Inverts	20	9

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	100-51-6	Benzyl alcohol	0.034	0.017	mg/kg	0.002	R4 Inverts	20	9
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	75-25-2	Bromoform	0.0062	0.0031	mg/kg	0.07	R4 Inverts	0.09	0.04
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	75-25-2	Bromoform	0.0059	0.00295	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	75-25-2	Bromoform	0.0057	0.00285	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	75-25-2	Bromoform	0.0056	0.0028	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	75-25-2	Bromoform	0.0056	0.0028	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	75-25-2	Bromoform	0.0055	0.00275	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	75-25-2	Bromoform	0.0055	0.00275	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	75-25-2	Bromoform	0.0055	0.00275	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	75-25-2	Bromoform	0.0054	0.0027	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	75-25-2	Bromoform	0.0053	0.00265	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	75-25-2	Bromoform	0.0053	0.00265	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	75-25-2	Bromoform	0.0053	0.00265	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	75-25-2	Bromoform	0.0053	0.00265	mg/kg	0.07	R4 Inverts	0.08	0.04
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	75-25-2	Bromoform	0.0052	0.0026	mg/kg	0.07	R4 Inverts	0.07	0.04
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	75-25-2	Bromoform	0.0049	0.00245	mg/kg	0.07	R4 Inverts	0.07	0.04
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	75-25-2	Bromoform	0.0019	0.00095	mg/kg	0.07	R4 Inverts	0.03	0.01
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	VOCs	1	75-25-2	Bromoform	0.0016	0.0008	mg/kg	0.07	R4 Inverts	0.02	0.01
DU-1	RISB-37	RISB-37-0.5-20141117	11/17/2014	VOCs	1	75-25-2	Bromoform	0.0012	0.0006	mg/kg	0.07	R4 Inverts	0.02	0.009
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	VOCs	1	75-25-2	Bromoform	0.0011	0.00055	mg/kg	0.07	R4 Inverts	0.02	0.008
DU-1	RISB-31	RISB-31-0.5-20141119	11/19/2014	VOCs	1	75-25-2	Bromoform	0.0011	0.00055	mg/kg	0.07	R4 Inverts	0.02	0.008
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	VOCs	1	75-25-2	Bromoform	0.0011	0.00055	mg/kg	0.07	R4 Inverts	0.02	0.008
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	VOCs	1	75-25-2	Bromoform	0.0011	0.00055	mg/kg	0.07	R4 Inverts	0.02	0.008
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-30	RISB-30-0.5-20141118	11/18/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-34	RISB-34-0.5-20141119	11/19/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-35	RISB-35-0.5-20141119	11/19/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-53	RISB-53-0.5-20141106	11/6/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-54	RISB-54-0.5-20141117	11/17/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-33	RISB-33-0.5-20141119	11/19/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-36	RISB-36-0.5-20141118	11/18/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-55	RISB-55-0.5-20141114	11/14/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	VOCs	1	75-25-2	Bromoform	0.001	0.0005	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	VOCs	1	75-25-2	Bromoform	0.00099	0.000495	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	VOCs	1	75-25-2	Bromoform	0.00098	0.00049	mg/kg	0.07	R4 Inverts	0.01	0.007

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	RISB-56	RISB-56-0.5-20141104	11/4/2014	VOCs	1	75-25-2	Bromoform	0.00098	0.00049	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	VOCs	1	75-25-2	Bromoform	0.00097	0.000485	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	VOCs	1	75-25-2	Bromoform	0.00096	0.00048	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	VOCs	1	75-25-2	Bromoform	0.00096	0.00048	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	VOCs	1	75-25-2	Bromoform	0.00096	0.00048	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	VOCs	1	75-25-2	Bromoform	0.00096	0.00048	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	VOCs	1	75-25-2	Bromoform	0.00095	0.000475	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	VOCs	1	75-25-2	Bromoform	0.00095	0.000475	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-32	RISB-32-0.5-20141120	11/20/2014	VOCs	1	75-25-2	Bromoform	0.00095	0.000475	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	VOCs	1	75-25-2	Bromoform	0.00095	0.000475	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	VOCs	1	75-25-2	Bromoform	0.00094	0.00047	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	VOCs	1	75-25-2	Bromoform	0.00094	0.00047	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	VOCs	1	75-25-2	Bromoform	0.00093	0.000465	mg/kg	0.07	R4 Inverts	0.01	0.007
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	VOCs	1	75-25-2	Bromoform	0.00088	0.00044	mg/kg	0.07	R4 Inverts	0.01	0.006
DU-2	RISB-57	RISB-57-0.5-20141103	11/3/2014	VOCs	1	75-25-2	Bromoform	0.00088	0.00044	mg/kg	0.07	R4 Inverts	0.01	0.006
DU-1	SA157	SA157-0.5B	10/20/2009	VOCs	1.89	75-25-2	Bromoform	0.00086	0.00043	mg/kg	0.07	R4 Inverts	0.01	0.006
DU-3	SA65	SA65-10B	8/25/2009	VOCs	1.68	75-25-2	Bromoform	0.00077	0.000385	mg/kg	0.07	R4 Inverts	0.01	0.006
DU-2	SA103	SA103-0.5B	10/6/2009	VOCs	1.34	75-25-2	Bromoform	0.0006	0.0003	mg/kg	0.07	R4 Inverts	0.009	0.004
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	VOCs	1.33	75-25-2	Bromoform	0.00057	0.000285	mg/kg	0.07	R4 Inverts	0.008	0.004
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	VOCs	1.14	75-25-2	Bromoform	0.00053	0.000265	mg/kg	0.07	R4 Inverts	0.008	0.004
DU-1	SA71	SA71-0.5B	6/16/2009	VOCs	1.2	75-25-2	Bromoform	0.00052	0.00026	mg/kg	0.07	R4 Inverts	0.007	0.004
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	75-25-2	Bromoform	0.0005	0.00025	mg/kg	0.07	R4 Inverts	0.007	0.004
DU-1	SA145	SA145-0.5B	6/12/2009	VOCs	1.14	75-25-2	Bromoform	0.0005	0.00025	mg/kg	0.07	R4 Inverts	0.007	0.004
DU-2	SA116	SA116-0.5B	9/2/2009	VOCs	1.08	75-25-2	Bromoform	0.00049	0.000245	mg/kg	0.07	R4 Inverts	0.007	0.004
DU-3	SA197	SA197-0.5B	6/19/2009	VOCs	1.07	75-25-2	Bromoform	0.00049	0.000245	mg/kg	0.07	R4 Inverts	0.007	0.004
DU-2	SA212	SA212-0.5B	9/28/2009	VOCs	1.09	75-25-2	Bromoform	0.00049	0.000245	mg/kg	0.07	R4 Inverts	0.007	0.004
DU-1	SA141	SA141009-14B	10/15/2009	VOCs	1.07	75-25-2	Bromoform	0.00049	0.000245	mg/kg	0.07	R4 Inverts	0.007	0.004
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	VOCs	1.09	75-25-2	Bromoform	0.00048	0.00024	mg/kg	0.07	R4 Inverts	0.007	0.003
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	VOCs	1.04	75-25-2	Bromoform	0.00048	0.00024	mg/kg	0.07	R4 Inverts	0.007	0.003
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	VOCs	0.99	75-25-2	Bromoform	0.00047	0.000235	mg/kg	0.07	R4 Inverts	0.007	0.003
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	VOCs	1.08	75-25-2	Bromoform	0.00047	0.000235	mg/kg	0.07	R4 Inverts	0.007	0.003
DU-2	SA121	SA121009-0.5B	9/25/2009	VOCs	1.02	75-25-2	Bromoform	0.00047	0.000235	mg/kg	0.07	R4 Inverts	0.007	0.003
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	VOCs	1.15	75-25-2	Bromoform	0.00046	0.00023	mg/kg	0.07	R4 Inverts	0.007	0.003
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	VOCs	1.04	75-25-2	Bromoform	0.00046	0.00023	mg/kg	0.07	R4 Inverts	0.007	0.003
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	VOCs	1.08	75-25-2	Bromoform	0.00046	0.00023	mg/kg	0.07	R4 Inverts	0.007	0.003
DU-1	SA87	SA87-0.5B	6/25/2008	VOCs	1.02	75-25-2	Bromoform	0.00046	0.00023	mg/kg	0.07	R4 Inverts	0.007	0.003
DU-1	SA180	SA180-0.5B	6/26/2008	VOCs	0.91	75-25-2	Bromoform	0.00046	0.00023	mg/kg	0.07	R4 Inverts	0.007	0.003
DU-1	SA180	SA180-0.5BD	6/26/2008	VOCs	0.95	75-25-2	Bromoform	0.00046	0.00023	mg/kg	0.07	R4 Inverts	0.007	0.003
DU-2	SA138	SA138-0.5B	10/6/2009	VOCs	1.03	75-25-2	Bromoform	0.00046	0.00023	mg/kg	0.07	R4 Inverts	0.007	0.003
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	75-25-2	Bromoform	0.00046	0.00023	mg/kg	0.07	R4 Inverts	0.007	0.003
DU-1	SA151	SA151-0.5B	9/17/2009	VOCs	0.99	75-25-2	Bromoform	0.00045	0.000225	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-3	SA128	SA128-10B	9/16/2009	VOCs	0.99	75-25-2	Bromoform	0.00045	0.000225	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SA171	SA171-5B	10/19/2009	VOCs	0.98	75-25-2	Bromoform	0.00045	0.000225	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	75-25-2	Bromoform	0.00045	0.000225	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SA85	SA85-0.5B	6/16/2009	VOCs	1.02	75-25-2	Bromoform	0.00045	0.000225	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	75-25-2	Bromoform	0.00044	0.00022	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	VOCs	0.98	75-25-2	Bromoform	0.00044	0.00022	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	75-25-2	Bromoform	0.00044	0.00022	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SA186	SA186-0.5B	6/29/2009	VOCs	1	75-25-2	Bromoform	0.00044	0.00022	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	75-25-2	Bromoform	0.00044	0.00022	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SA166	SA166-0.5B	6/11/2009	VOCs	1	75-25-2	Bromoform	0.00044	0.00022	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SA50	SA50-0.5B	6/30/2009	VOCs	0.97	75-25-2	Bromoform	0.00044	0.00022	mg/kg	0.07	R4 Inverts	0.006	0.003

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	75-25-2	Bromoform	0.00044	0.00022	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	75-25-2	Bromoform	0.00043	0.000215	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	75-25-2	Bromoform	0.00043	0.000215	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	VOCs	0.97	75-25-2	Bromoform	0.00043	0.000215	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	VOCs	0.97	75-25-2	Bromoform	0.00043	0.000215	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SA62	SA62-0.5B	6/16/2009	VOCs	0.97	75-25-2	Bromoform	0.00043	0.000215	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	75-25-2	Bromoform	0.00042	0.00021	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	VOCs	0.95	75-25-2	Bromoform	0.00042	0.00021	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	VOCs	0.93	75-25-2	Bromoform	0.00042	0.00021	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-2	SA28	SA28-0.5B	8/3/2009	VOCs	0.92	75-25-2	Bromoform	0.00042	0.00021	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	VOCs	0.93	75-25-2	Bromoform	0.00041	0.000205	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	RSAO7	RSAO7-9B	10/12/2009	VOCs	0.89	75-25-2	Bromoform	0.00041	0.000205	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SA176	SA176-0.5B	6/10/2009	VOCs	0.92	75-25-2	Bromoform	0.00041	0.000205	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SA75	SA75-0.5B	7/17/2009	VOCs	0.91	75-25-2	Bromoform	0.00041	0.000205	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SA152	SA152-0.5B	6/4/2009	VOCs	0.93	75-25-2	Bromoform	0.00041	0.000205	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	VOCs	0.91	75-25-2	Bromoform	0.0004	0.0002	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	VOCs	0.91	75-25-2	Bromoform	0.0004	0.0002	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	VOCs	0.91	75-25-2	Bromoform	0.0004	0.0002	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-2	SA146	SA146-0.5B	8/4/2009	VOCs	0.88	75-25-2	Bromoform	0.0004	0.0002	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SA185	SA185-0.5B	6/29/2009	VOCs	0.89	75-25-2	Bromoform	0.0004	0.0002	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-3	SA64	SA64-0.5B	6/19/2009	VOCs	0.88	75-25-2	Bromoform	0.0004	0.0002	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SA173	SA173-0.5B	7/27/2009	VOCs	0.9	75-25-2	Bromoform	0.0004	0.0002	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	VOCs	0.91	75-25-2	Bromoform	0.0004	0.0002	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-2	SA147	SA147-0.5B	8/4/2009	VOCs	0.83	75-25-2	Bromoform	0.00039	0.000195	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SA55	SA55-0.5B	6/10/2009	VOCs	0.89	75-25-2	Bromoform	0.00039	0.000195	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SA152	SA152009-0.5B	6/4/2009	VOCs	0.9	75-25-2	Bromoform	0.00039	0.000195	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	SA92	SA92-0.5B	6/17/2009	VOCs	0.89	75-25-2	Bromoform	0.00039	0.000195	mg/kg	0.07	R4 Inverts	0.006	0.003
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	VOCs	0.86	75-25-2	Bromoform	0.00038	0.00019	mg/kg	0.07	R4 Inverts	0.005	0.003
DU-2	SA121	SA121-0.5B	9/25/2009	VOCs	0.81	75-25-2	Bromoform	0.00038	0.00019	mg/kg	0.07	R4 Inverts	0.005	0.003
DU-1	SA189	SA189-0.5B	6/4/2009	VOCs	0.85	75-25-2	Bromoform	0.00038	0.00019	mg/kg	0.07	R4 Inverts	0.005	0.003
DU-1	SA158	SA158-0.5B	6/17/2009	VOCs	0.85	75-25-2	Bromoform	0.00037	0.000185	mg/kg	0.07	R4 Inverts	0.005	0.003
DU-1	SA179	SA179-0.5B	7/28/2009	VOCs	0.79	75-25-2	Bromoform	0.00037	0.000185	mg/kg	0.07	R4 Inverts	0.005	0.003
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	VOCs	0.74	75-25-2	Bromoform	0.00035	0.000175	mg/kg	0.07	R4 Inverts	0.005	0.003
DU-1	SA73	SA73-0.5B	7/29/2009	VOCs	0.77	75-25-2	Bromoform	0.00035	0.000175	mg/kg	0.07	R4 Inverts	0.005	0.003
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	VOCs	0.76	75-25-2	Bromoform	0.00034	0.00017	mg/kg	0.07	R4 Inverts	0.005	0.002
DU-1	SA74	SA74-0.5B	7/15/2009	VOCs	0.72	75-25-2	Bromoform	0.00034	0.00017	mg/kg	0.07	R4 Inverts	0.005	0.002
DU-1	SA69	SA69-0.5B	7/7/2009	VOCs	0.72	75-25-2	Bromoform	0.00034	0.00017	mg/kg	0.07	R4 Inverts	0.005	0.002
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	VOCs	0.71	75-25-2	Bromoform	0.00031	0.000155	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	VOCs	0.68	75-25-2	Bromoform	0.00031	0.000155	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	VOCs	0.71	75-25-2	Bromoform	0.00031	0.000155	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	SA74	SA74009-0.5B	7/15/2009	VOCs	0.65	75-25-2	Bromoform	0.00031	0.000155	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	VOCs	0.63	75-25-2	Bromoform	0.00029	0.000145	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	SA72	SA72-0.5B	7/27/2009	VOCs	0.64	75-25-2	Bromoform	0.00029	0.000145	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	VOCs	0.6	75-25-2	Bromoform	0.00028	0.00014	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	VOCs	0.63	75-25-2	Bromoform	0.00028	0.00014	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	VOCs	0.63	75-25-2	Bromoform	0.00028	0.00014	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	75-25-2	Bromoform	0.00027	0.000135	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	SA173	SA173009-0.5B	7/27/2009	VOCs	0.58	75-25-2	Bromoform	0.00026	0.00013	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	75-25-2	Bromoform	0.00026	0.00013	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	75-25-2	Bromoform	0.00026	0.00013	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	75-25-2	Bromoform	0.00025	0.000125	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	75-25-2	Bromoform	0.00025	0.000125	mg/kg	0.07	R4 Inverts	0.004	0.002

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	75-25-2	Bromoform	0.00025	0.000125	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	75-25-2	Bromoform	0.00025	0.000125	mg/kg	0.07	R4 Inverts	0.004	0.002
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	VOCs	1	75-25-2	Bromoform	0.00022	0.00011	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-1	SSAN7-06	SSAN7-06-0.5BPC	9/7/2010	VOCs	1	75-25-2	Bromoform	0.00021	0.000105	mg/kg	0.07	R4 Inverts	0.003	0.002
DU-1	SSAO7-06	SSAO7-06-0.5BPC	9/27/2010	VOCs	1	75-25-2	Bromoform	0.00018	0.00009	mg/kg	0.07	R4 Inverts	0.003	0.001
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	VOCs	1	75-25-2	Bromoform	0.00017	0.000085	mg/kg	0.07	R4 Inverts	0.002	0.001
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	VOCs	1	75-25-2	Bromoform	0.00016	0.00008	mg/kg	0.07	R4 Inverts	0.002	0.001
DU-1	SSAO8-05	SSAO8-05-0.5BPC	9/27/2010	VOCs	1	75-25-2	Bromoform	0.00016	0.00008	mg/kg	0.07	R4 Inverts	0.002	0.001
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	VOCs	1	75-25-2	Bromoform	0.00016	0.00008	mg/kg	0.07	R4 Inverts	0.002	0.001
DU-1	SSAO8-08	SSAO8-08-0.5BPC	9/27/2010	VOCs	1	75-25-2	Bromoform	0.00014	0.00007	mg/kg	0.07	R4 Inverts	0.002	0.001
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	75-25-2	Bromoform	0.00014	0.00007	mg/kg	0.07	R4 Inverts	0.002	0.001
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	75-25-2	Bromoform	0.00013	0.000065	mg/kg	0.07	R4 Inverts	0.002	0.0009
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	75-25-2	Bromoform	0.00013	0.000065	mg/kg	0.07	R4 Inverts	0.002	0.0009
DU-1	SSAN8-07	SSAN8-07-0.5BPC	9/7/2010	VOCs	1	75-25-2	Bromoform	0.00013	0.000065	mg/kg	0.07	R4 Inverts	0.002	0.0009
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	VOCs	1	75-25-2	Bromoform	0.00013	0.000065	mg/kg	0.07	R4 Inverts	0.002	0.0009
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	VOCs	1	75-25-2	Bromoform	0.00012	0.00006	mg/kg	0.07	R4 Inverts	0.002	0.0009
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	74-83-9	Bromomethane	0.012	0.006	mg/kg	0.002	R4 Inverts	6	3
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	74-83-9	Bromomethane	0.012	0.006	mg/kg	0.002	R4 Inverts	6	3
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	74-83-9	Bromomethane	0.01	0.005	mg/kg	0.002	R4 Inverts	5	3
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	74-83-9	Bromomethane	0.0098	0.0049	mg/kg	0.002	R4 Inverts	5	2
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	74-83-9	Bromomethane	0.0019	0.00095	mg/kg	0.002	R4 Inverts	**1**	0.5
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	VOCs	1	74-83-9	Bromomethane	0.0016	0.0008	mg/kg	0.002	R4 Inverts	0.8	0.4
DU-1	SA157	SA157-0.5B	10/20/2009	VOCs	1.89	74-83-9	Bromomethane	0.0016	0.0008	mg/kg	0.002	R4 Inverts	0.8	0.4
DU-3	SA65	SA65-10B	8/25/2009	VOCs	1.68	74-83-9	Bromomethane	0.0015	0.00075	mg/kg	0.002	R4 Inverts	0.8	0.4
DU-1	RISB-37	RISB-37-0.5-20141117	11/17/2014	VOCs	1	74-83-9	Bromomethane	0.0012	0.0006	mg/kg	0.002	R4 Inverts	0.6	0.3
DU-2	SA103	SA103-0.5B	10/6/2009	VOCs	1.34	74-83-9	Bromomethane	0.0012	0.0006	mg/kg	0.002	R4 Inverts	0.6	0.3
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	VOCs	1	74-83-9	Bromomethane	0.0011	0.00055	mg/kg	0.002	R4 Inverts	0.6	0.3
DU-1	RISB-31	RISB-31-0.5-20141119	11/19/2014	VOCs	1	74-83-9	Bromomethane	0.0011	0.00055	mg/kg	0.002	R4 Inverts	0.6	0.3
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	VOCs	1	74-83-9	Bromomethane	0.0011	0.00055	mg/kg	0.002	R4 Inverts	0.6	0.3
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	VOCs	1	74-83-9	Bromomethane	0.0011	0.00055	mg/kg	0.002	R4 Inverts	0.6	0.3
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RISB-30	RISB-30-0.5-20141118	11/18/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RISB-34	RISB-34-0.5-20141119	11/19/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RISB-35	RISB-35-0.5-20141119	11/19/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RISB-53	RISB-53-0.5-20141106	11/6/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RISB-54	RISB-54-0.5-20141117	11/17/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RISB-33	RISB-33-0.5-20141119	11/19/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RISB-36	RISB-36-0.5-20141118	11/18/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RISB-55	RISB-55-0.5-20141114	11/14/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	VOCs	1	74-83-9	Bromomethane	0.001	0.0005	mg/kg	0.002	R4 Inverts	0.5	0.3
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	VOCs	1	74-83-9	Bromomethane	0.00099	0.000495	mg/kg	0.002	R4 Inverts	0.5	0.2
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	VOCs	1	74-83-9	Bromomethane	0.00098	0.00049	mg/kg	0.002	R4 Inverts	0.5	0.2
DU-2	RISB-56	RISB-56-0.5-20141104	11/4/2014	VOCs	1	74-83-9	Bromomethane	0.00098	0.00049	mg/kg	0.002	R4 Inverts	0.5	0.2
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	VOCs	1	74-83-9	Bromomethane	0.00097	0.000485	mg/kg	0.002	R4 Inverts	0.5	0.2
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	VOCs	1.14	74-83-9	Bromomethane	0.00097	0.000485	mg/kg	0.002	R4 Inverts	0.5	0.2
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	VOCs	1	74-83-9	Bromomethane	0.00096	0.00048	mg/kg	0.002	R4 Inverts	0.5	0.2
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	VOCs	1	74-83-9	Bromomethane	0.00096	0.00048	mg/kg	0.002	R4 Inverts	0.5	0.2
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	VOCs	1	74-83-9	Bromomethane	0.00096	0.00048	mg/kg	0.002	R4 Inverts	0.5	0.2
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	VOCs	1	74-83-9	Bromomethane	0.00096	0.00048	mg/kg	0.002	R4 Inverts	0.5	0.2
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	VOCs	1	74-83-9	Bromomethane	0.00095	0.000475	mg/kg	0.002	R4 Inverts	0.5	0.2
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	VOCs	1	74-83-9	Bromomethane	0.00095	0.000475	mg/kg	0.002	R4 Inverts	0.5	0.2
DU-1	RISB-32	RISB-32-0.5-20141120	11/20/2014	VOCs	1	74-83-9	Bromomethane	0.00095	0.000475	mg/kg	0.002	R4 Inverts	0.5	0.2
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	VOCs	1	74-83-9	Bromomethane	0.00095	0.000475	mg/kg	0.002	R4 Inverts	0.5	0.2
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	VOCs	1	74-83-9	Bromomethane	0.00094	0.00047	mg/kg	0.002	R4 Inverts	0.5	0.2
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	VOCs	1	74-83-9	Bromomethane	0.00094	0.00047	mg/kg	0.002	R4 Inverts	0.5	0.2
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	VOCs	1	74-83-9	Bromomethane	0.00093	0.000465	mg/kg	0.002	R4 Inverts	0.5	0.2
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	74-83-9	Bromomethane	0.00092	0.00046	mg/kg	0.002	R4 Inverts	0.5	0.2
DU-2	SA116	SA116-0.5B	9/2/2009	VOCs	1.08	74-83-9	Bromomethane	0.00091	0.000455	mg/kg	0.002	R4 Inverts	0.5	0.2
DU-2	SA212	SA212-0.5B	9/28/2009	VOCs	1.09	74-83-9	Bromomethane	0.0009	0.00045	mg/kg	0.002	R4 Inverts	0.5	0.2
DU-1	SA141	SA141009-14B	10/15/2009	VOCs	1.07	74-83-9	Bromomethane	0.0009	0.00045	mg/kg	0.002	R4 Inverts	0.5	0.2
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	VOCs	1.04	74-83-9	Bromomethane	0.00089	0.000445	mg/kg	0.002	R4 Inverts	0.4	0.2
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	VOCs	1	74-83-9	Bromomethane	0.00088	0.00044	mg/kg	0.002	R4 Inverts	0.4	0.2
DU-2	RISB-57	RISB-57-0.5-20141103	11/3/2014	VOCs	1	74-83-9	Bromomethane	0.00088	0.00044	mg/kg	0.002	R4 Inverts	0.4	0.2
DU-2	SA121	SA121009-0.5B	9/25/2009	VOCs	1.02	74-83-9	Bromomethane	0.00087	0.000435	mg/kg	0.002	R4 Inverts	0.4	0.2
DU-2	SA138	SA138-0.5B	10/6/2009	VOCs	1.03	74-83-9	Bromomethane	0.00086	0.00043	mg/kg	0.002	R4 Inverts	0.4	0.2
DU-3	SA128	SA128-10B	9/16/2009	VOCs	0.99	74-83-9	Bromomethane	0.00084	0.00042	mg/kg	0.002	R4 Inverts	0.4	0.2
DU-1	SA151	SA151-0.5B	9/17/2009	VOCs	0.99	74-83-9	Bromomethane	0.00083	0.000415	mg/kg	0.002	R4 Inverts	0.4	0.2
DU-1	SA171	SA171-5B	10/19/2009	VOCs	0.98	74-83-9	Bromomethane	0.00083	0.000415	mg/kg	0.002	R4 Inverts	0.4	0.2
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	74-83-9	Bromomethane	0.00082	0.00041	mg/kg	0.002	R4 Inverts	0.4	0.2
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	74-83-9	Bromomethane	0.00082	0.00041	mg/kg	0.002	R4 Inverts	0.4	0.2
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	74-83-9	Bromomethane	0.00082	0.00041	mg/kg	0.002	R4 Inverts	0.4	0.2
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	VOCs	0.98	74-83-9	Bromomethane	0.00081	0.000405	mg/kg	0.002	R4 Inverts	0.4	0.2
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	VOCs	0.95	74-83-9	Bromomethane	0.00078	0.00039	mg/kg	0.002	R4 Inverts	0.4	0.2
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	VOCs	0.93	74-83-9	Bromomethane	0.00078	0.00039	mg/kg	0.002	R4 Inverts	0.4	0.2
DU-2	SA28	SA28-0.5B	8/3/2009	VOCs	0.92	74-83-9	Bromomethane	0.00078	0.00039	mg/kg	0.002	R4 Inverts	0.4	0.2
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	74-83-9	Bromomethane	0.00077	0.000385	mg/kg	0.002	R4 Inverts	0.4	0.2

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RSAO7	RSAO7-9B	10/12/2009	VOCs	0.89	74-83-9	Bromomethane	0.00075	0.000375	mg/kg	0.002	R4 Inverts	0.4	0.2
DU-2	SA146	SA146-0.5B	8/4/2009	VOCs	0.88	74-83-9	Bromomethane	0.00074	0.00037	mg/kg	0.002	R4 Inverts	0.4	0.2
DU-2	SA147	SA147-0.5B	8/4/2009	VOCs	0.83	74-83-9	Bromomethane	0.00072	0.00036	mg/kg	0.002	R4 Inverts	0.4	0.2
DU-2	SA121	SA121-0.5B	9/25/2009	VOCs	0.81	74-83-9	Bromomethane	0.00069	0.000345	mg/kg	0.002	R4 Inverts	0.3	0.2
DU-1	SA69	SA69-0.5B	7/7/2009	VOCs	0.72	74-83-9	Bromomethane	0.00062	0.00031	mg/kg	0.002	R4 Inverts	0.3	0.2
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	VOCs	1.33	74-83-9	Bromomethane	0.00061	0.000305	mg/kg	0.002	R4 Inverts	0.3	0.2
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	VOCs	0.71	74-83-9	Bromomethane	0.00058	0.00029	mg/kg	0.002	R4 Inverts	0.3	0.1
DU-1	SA71	SA71-0.5B	6/16/2009	VOCs	1.2	74-83-9	Bromomethane	0.00056	0.00028	mg/kg	0.002	R4 Inverts	0.3	0.1
DU-1	SA145	SA145-0.5B	6/12/2009	VOCs	1.14	74-83-9	Bromomethane	0.00053	0.000265	mg/kg	0.002	R4 Inverts	0.3	0.1
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	VOCs	0.63	74-83-9	Bromomethane	0.00052	0.00026	mg/kg	0.002	R4 Inverts	0.3	0.1
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	VOCs	0.63	74-83-9	Bromomethane	0.00052	0.00026	mg/kg	0.002	R4 Inverts	0.3	0.1
DU-3	SA197	SA197-0.5B	6/19/2009	VOCs	1.07	74-83-9	Bromomethane	0.00052	0.00026	mg/kg	0.002	R4 Inverts	0.3	0.1
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	VOCs	1.09	74-83-9	Bromomethane	0.00051	0.000255	mg/kg	0.002	R4 Inverts	0.3	0.1
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	VOCs	1.15	74-83-9	Bromomethane	0.0005	0.00025	mg/kg	0.002	R4 Inverts	0.3	0.1
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	VOCs	0.99	74-83-9	Bromomethane	0.0005	0.00025	mg/kg	0.002	R4 Inverts	0.3	0.1
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	VOCs	1.08	74-83-9	Bromomethane	0.0005	0.00025	mg/kg	0.002	R4 Inverts	0.3	0.1
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	VOCs	1.08	74-83-9	Bromomethane	0.0005	0.00025	mg/kg	0.002	R4 Inverts	0.3	0.1
DU-1	SA87	SA87-0.5B	6/25/2008	VOCs	1.02	74-83-9	Bromomethane	0.0005	0.00025	mg/kg	0.002	R4 Inverts	0.3	0.1
DU-1	SA180	SA180-0.5BD	6/26/2008	VOCs	0.95	74-83-9	Bromomethane	0.0005	0.00025	mg/kg	0.002	R4 Inverts	0.3	0.1
DU-1	SA180	SA180-0.5B	6/26/2008	VOCs	0.91	74-83-9	Bromomethane	0.0005	0.00025	mg/kg	0.002	R4 Inverts	0.3	0.1
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	74-83-9	Bromomethane	0.0005	0.00025	mg/kg	0.002	R4 Inverts	0.3	0.1
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	VOCs	1	74-83-9	Bromomethane	0.00049	0.000245	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	VOCs	1.04	74-83-9	Bromomethane	0.00049	0.000245	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	74-83-9	Bromomethane	0.00049	0.000245	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	74-83-9	Bromomethane	0.00048	0.00024	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	74-83-9	Bromomethane	0.00049	0.000245	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	74-83-9	Bromomethane	0.00048	0.00024	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	SA186	SA186-0.5B	6/29/2009	VOCs	1	74-83-9	Bromomethane	0.00048	0.00024	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	SA85	SA85-0.5B	6/16/2009	VOCs	1.02	74-83-9	Bromomethane	0.00048	0.00024	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	SA166	SA166-0.5B	6/11/2009	VOCs	1	74-83-9	Bromomethane	0.00047	0.000235	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	SA50	SA50-0.5B	6/30/2009	VOCs	0.97	74-83-9	Bromomethane	0.00047	0.000235	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	74-83-9	Bromomethane	0.00046	0.00023	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	74-83-9	Bromomethane	0.00046	0.00023	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	VOCs	0.97	74-83-9	Bromomethane	0.00046	0.00023	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	VOCs	0.97	74-83-9	Bromomethane	0.00046	0.00023	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	SA62	SA62-0.5B	6/16/2009	VOCs	0.97	74-83-9	Bromomethane	0.00046	0.00023	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	SSAN7-06	SSAN7-06-0.5BPC	9/7/2010	VOCs	1	74-83-9	Bromomethane	0.00045	0.000225	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	VOCs	0.93	74-83-9	Bromomethane	0.00044	0.00022	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	SA176	SA176-0.5B	6/10/2009	VOCs	0.92	74-83-9	Bromomethane	0.00044	0.00022	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	SA75	SA75-0.5B	7/17/2009	VOCs	0.91	74-83-9	Bromomethane	0.00044	0.00022	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	SA152	SA152-0.5B	6/4/2009	VOCs	0.93	74-83-9	Bromomethane	0.00044	0.00022	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	VOCs	0.91	74-83-9	Bromomethane	0.00043	0.000215	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	VOCs	0.91	74-83-9	Bromomethane	0.00043	0.000215	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	SA185	SA185-0.5B	6/29/2009	VOCs	0.89	74-83-9	Bromomethane	0.00043	0.000215	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-3	SA64	SA64-0.5B	6/19/2009	VOCs	0.88	74-83-9	Bromomethane	0.00043	0.000215	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	SA173	SA173-0.5B	7/27/2009	VOCs	0.9	74-83-9	Bromomethane	0.00043	0.000215	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	VOCs	0.91	74-83-9	Bromomethane	0.00043	0.000215	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	VOCs	0.91	74-83-9	Bromomethane	0.00042	0.00021	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	SA55	SA55-0.5B	6/10/2009	VOCs	0.89	74-83-9	Bromomethane	0.00042	0.00021	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	SA152	SA152009-0.5B	6/4/2009	VOCs	0.9	74-83-9	Bromomethane	0.00042	0.00021	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	SA92	SA92-0.5B	6/17/2009	VOCs	0.89	74-83-9	Bromomethane	0.00042	0.00021	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	VOCs	0.86	74-83-9	Bromomethane	0.00041	0.000205	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	SA189	SA189-0.5B	6/4/2009	VOCs	0.85	74-83-9	Bromomethane	0.00041	0.000205	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	SA158	SA158-0.5B	6/17/2009	VOCs	0.85	74-83-9	Bromomethane	0.0004	0.0002	mg/kg	0.002	R4 Inverts	0.2	0.1

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA179	SA179-0.5B	7/28/2009	VOCs	0.79	74-83-9	Bromomethane	0.0004	0.0002	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	SA73	SA73-0.5B	7/29/2009	VOCs	0.77	74-83-9	Bromomethane	0.00038	0.00019	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	SSAO7-06	SSAO7-06-0.5BPC	9/27/2010	VOCs	1	74-83-9	Bromomethane	0.00038	0.00019	mg/kg	0.002	R4 Inverts	0.2	0.1
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	VOCs	0.76	74-83-9	Bromomethane	0.00037	0.000185	mg/kg	0.002	R4 Inverts	0.2	0.09
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	VOCs	0.74	74-83-9	Bromomethane	0.00037	0.000185	mg/kg	0.002	R4 Inverts	0.2	0.09
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	VOCs	1	74-83-9	Bromomethane	0.00037	0.000185	mg/kg	0.002	R4 Inverts	0.2	0.09
DU-1	SA74	SA74-0.5B	7/15/2009	VOCs	0.72	74-83-9	Bromomethane	0.00036	0.00018	mg/kg	0.002	R4 Inverts	0.2	0.09
DU-1	SSAO8-05	SSAO8-05-0.5BPC	9/27/2010	VOCs	1	74-83-9	Bromomethane	0.00036	0.00018	mg/kg	0.002	R4 Inverts	0.2	0.09
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	VOCs	1	74-83-9	Bromomethane	0.00035	0.000175	mg/kg	0.002	R4 Inverts	0.2	0.09
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	VOCs	1	74-83-9	Bromomethane	0.00035	0.000175	mg/kg	0.002	R4 Inverts	0.2	0.09
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	VOCs	0.71	74-83-9	Bromomethane	0.00034	0.00017	mg/kg	0.002	R4 Inverts	0.2	0.09
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	74-83-9	Bromomethane	0.00034	0.00017	mg/kg	0.002	R4 Inverts	0.2	0.09
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	VOCs	0.68	74-83-9	Bromomethane	0.00033	0.000165	mg/kg	0.002	R4 Inverts	0.2	0.08
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	74-83-9	Bromomethane	0.00033	0.000165	mg/kg	0.002	R4 Inverts	0.2	0.08
DU-1	SA74	SA74009-0.5B	7/15/2009	VOCs	0.65	74-83-9	Bromomethane	0.00033	0.000165	mg/kg	0.002	R4 Inverts	0.2	0.08
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	74-83-9	Bromomethane	0.00033	0.000165	mg/kg	0.002	R4 Inverts	0.2	0.08
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	74-83-9	Bromomethane	0.00032	0.00016	mg/kg	0.002	R4 Inverts	0.2	0.08
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	74-83-9	Bromomethane	0.00032	0.00016	mg/kg	0.002	R4 Inverts	0.2	0.08
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	74-83-9	Bromomethane	0.00032	0.00016	mg/kg	0.002	R4 Inverts	0.2	0.08
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	VOCs	0.63	74-83-9	Bromomethane	0.00031	0.000155	mg/kg	0.002	R4 Inverts	0.2	0.08
DU-1	SA72	SA72-0.5B	7/27/2009	VOCs	0.64	74-83-9	Bromomethane	0.00031	0.000155	mg/kg	0.002	R4 Inverts	0.2	0.08
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	74-83-9	Bromomethane	0.00031	0.000155	mg/kg	0.002	R4 Inverts	0.2	0.08
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	VOCs	0.6	74-83-9	Bromomethane	0.0003	0.00015	mg/kg	0.002	R4 Inverts	0.2	0.08
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	74-83-9	Bromomethane	0.0003	0.00015	mg/kg	0.002	R4 Inverts	0.2	0.08
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	74-83-9	Bromomethane	0.00029	0.000145	mg/kg	0.002	R4 Inverts	0.1	0.07
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	74-83-9	Bromomethane	0.0003	0.00015	mg/kg	0.002	R4 Inverts	0.2	0.08
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	74-83-9	Bromomethane	0.00029	0.000145	mg/kg	0.002	R4 Inverts	0.1	0.07
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	74-83-9	Bromomethane	0.00029	0.000145	mg/kg	0.002	R4 Inverts	0.1	0.07
DU-1	SSAN8-07	SSAN8-07-0.5BPC	9/7/2010	VOCs	1	74-83-9	Bromomethane	0.00029	0.000145	mg/kg	0.002	R4 Inverts	0.1	0.07
DU-1	SSAO8-08	SSAO8-08-0.5BPC	9/27/2010	VOCs	1	74-83-9	Bromomethane	0.00029	0.000145	mg/kg	0.002	R4 Inverts	0.1	0.07
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	VOCs	1	74-83-9	Bromomethane	0.00029	0.000145	mg/kg	0.002	R4 Inverts	0.1	0.07
DU-1	SA173	SA173009-0.5B	7/27/2009	VOCs	0.58	74-83-9	Bromomethane	0.00028	0.00014	mg/kg	0.002	R4 Inverts	0.1	0.07
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	VOCs	1	74-83-9	Bromomethane	0.00027	0.000135	mg/kg	0.002	R4 Inverts	0.1	0.07
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	86-74-8	Carbazole	0.036	0.018	mg/kg	0.07	R4 Inverts	0.5	0.3
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	86-74-8	Carbazole	0.035	0.0175	mg/kg	0.07	R4 Inverts	0.5	0.3
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	86-74-8	Carbazole	0.035	0.0175	mg/kg	0.07	R4 Inverts	0.5	0.3
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	86-74-8	Carbazole	0.034	0.017	mg/kg	0.07	R4 Inverts	0.5	0.2
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	86-74-8	Carbazole	0.034	0.017	mg/kg	0.07	R4 Inverts	0.5	0.2
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	86-74-8	Carbazole	0.034	0.017	mg/kg	0.07	R4 Inverts	0.5	0.2
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	86-74-8	Carbazole	0.034	0.017	mg/kg	0.07	R4 Inverts	0.5	0.2
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	75-15-0	Carbon disulfide	0.0006	0.0003	mg/kg	0.005	R4 Inverts	0.1	0.06
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	75-15-0	Carbon disulfide	0.00058	0.00029	mg/kg	0.005	R4 Inverts	0.1	0.06
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	75-15-0	Carbon disulfide	0.00058	0.00029	mg/kg	0.005	R4 Inverts	0.1	0.06
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	75-15-0	Carbon disulfide	0.00057	0.000285	mg/kg	0.005	R4 Inverts	0.1	0.06
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	75-15-0	Carbon disulfide	0.00057	0.000285	mg/kg	0.005	R4 Inverts	0.1	0.06
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	75-15-0	Carbon disulfide	0.00057	0.000285	mg/kg	0.005	R4 Inverts	0.1	0.06
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	75-15-0	Carbon disulfide	0.00055	0.000275	mg/kg	0.005	R4 Inverts	0.1	0.06
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	56-23-5	Carbon tetrachloride	0.0062	0.0031	mg/kg	0.05	R4 Inverts	0.1	0.06
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	56-23-5	Carbon tetrachloride	0.0059	0.00295	mg/kg	0.05	R4 Inverts	0.1	0.06
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	56-23-5	Carbon tetrachloride	0.0057	0.00285	mg/kg	0.05	R4 Inverts	0.1	0.06
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	56-23-5	Carbon tetrachloride	0.0056	0.0028	mg/kg	0.05	R4 Inverts	0.1	0.06
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	56-23-5	Carbon tetrachloride	0.0056	0.0028	mg/kg	0.05	R4 Inverts	0.1	0.06
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	56-23-5	Carbon tetrachloride	0.0055	0.00275	mg/kg	0.05	R4 Inverts	0.1	0.06
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	56-23-5	Carbon tetrachloride	0.0055	0.00275	mg/kg	0.05	R4 Inverts	0.1	0.06

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	56-23-5	Carbon tetrachloride	0.0055	0.00275	mg/kg	0.05	R4 Inverts	0.1	0.06
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	56-23-5	Carbon tetrachloride	0.0054	0.0027	mg/kg	0.05	R4 Inverts	0.1	0.05
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	56-23-5	Carbon tetrachloride	0.0053	0.00265	mg/kg	0.05	R4 Inverts	0.1	0.05
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	56-23-5	Carbon tetrachloride	0.0053	0.00265	mg/kg	0.05	R4 Inverts	0.1	0.05
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	56-23-5	Carbon tetrachloride	0.0053	0.00265	mg/kg	0.05	R4 Inverts	0.1	0.05
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	56-23-5	Carbon tetrachloride	0.0053	0.00265	mg/kg	0.05	R4 Inverts	0.1	0.05
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	56-23-5	Carbon tetrachloride	0.0052	0.0026	mg/kg	0.05	R4 Inverts	0.1	0.05
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	56-23-5	Carbon tetrachloride	0.0049	0.00245	mg/kg	0.05	R4 Inverts	0.1	0.05
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	56-23-5	Carbon tetrachloride	0.00098	0.00049	mg/kg	0.05	R4 Inverts	0.02	0.01
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00097	0.000485	mg/kg	0.05	R4 Inverts	0.02	0.01
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	56-23-5	Carbon tetrachloride	0.00096	0.00048	mg/kg	0.05	R4 Inverts	0.02	0.01
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	56-23-5	Carbon tetrachloride	0.00096	0.00048	mg/kg	0.05	R4 Inverts	0.02	0.01
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	56-23-5	Carbon tetrachloride	0.00094	0.00047	mg/kg	0.05	R4 Inverts	0.02	0.009
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	56-23-5	Carbon tetrachloride	0.00093	0.000465	mg/kg	0.05	R4 Inverts	0.02	0.009
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	56-23-5	Carbon tetrachloride	0.00093	0.000465	mg/kg	0.05	R4 Inverts	0.02	0.009
DU-1	SA157	SA157-0.5B	10/20/2009	VOCs	1.89	56-23-5	Carbon tetrachloride	0.00092	0.00046	mg/kg	0.05	R4 Inverts	0.02	0.009
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	56-23-5	Carbon tetrachloride	0.00091	0.000455	mg/kg	0.05	R4 Inverts	0.02	0.009
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00082	0.00041	mg/kg	0.05	R4 Inverts	0.02	0.008
DU-3	SA65	SA65-10B	8/25/2009	VOCs	1.68	56-23-5	Carbon tetrachloride	0.00082	0.00041	mg/kg	0.05	R4 Inverts	0.02	0.008
DU-2	SA103	SA103-0.5B	10/6/2009	VOCs	1.34	56-23-5	Carbon tetrachloride	0.00065	0.000325	mg/kg	0.05	R4 Inverts	0.01	0.007
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	VOCs	1	56-23-5	Carbon tetrachloride	0.00061	0.000305	mg/kg	0.05	R4 Inverts	0.01	0.006
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	VOCs	1.33	56-23-5	Carbon tetrachloride	0.00061	0.000305	mg/kg	0.05	R4 Inverts	0.01	0.006
DU-1	RISB-37	RISB-37-0.5-20141117	11/17/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00058	0.00029	mg/kg	0.05	R4 Inverts	0.01	0.006
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	VOCs	1.14	56-23-5	Carbon tetrachloride	0.00056	0.00028	mg/kg	0.05	R4 Inverts	0.01	0.006
DU-1	SSAN7-06	SSAN7-06-0.5BPC	9/7/2010	VOCs	1	56-23-5	Carbon tetrachloride	0.00056	0.00028	mg/kg	0.05	R4 Inverts	0.01	0.006
DU-1	SA71	SA71-0.5B	6/16/2009	VOCs	1.2	56-23-5	Carbon tetrachloride	0.00056	0.00028	mg/kg	0.05	R4 Inverts	0.01	0.006
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00055	0.000275	mg/kg	0.05	R4 Inverts	0.01	0.006
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00054	0.00027	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RISB-31	RISB-31-0.5-20141119	11/19/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00054	0.00027	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	56-23-5	Carbon tetrachloride	0.00053	0.000265	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-2	SA116	SA116-0.5B	9/2/2009	VOCs	1.08	56-23-5	Carbon tetrachloride	0.00053	0.000265	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	SA145	SA145-0.5B	6/12/2009	VOCs	1.14	56-23-5	Carbon tetrachloride	0.00053	0.000265	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00053	0.000265	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	VOCs	1	56-23-5	Carbon tetrachloride	0.00052	0.00026	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00052	0.00026	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00052	0.00026	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00052	0.00026	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-3	SA197	SA197-0.5B	6/19/2009	VOCs	1.07	56-23-5	Carbon tetrachloride	0.00052	0.00026	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-2	SA212	SA212-0.5B	9/28/2009	VOCs	1.09	56-23-5	Carbon tetrachloride	0.00052	0.00026	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00052	0.00026	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	SA141	SA141009-14B	10/15/2009	VOCs	1.07	56-23-5	Carbon tetrachloride	0.00052	0.00026	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	VOCs	1	56-23-5	Carbon tetrachloride	0.00051	0.000255	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RISB-30	RISB-30-0.5-20141118	11/18/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00051	0.000255	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RISB-35	RISB-35-0.5-20141119	11/19/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00051	0.000255	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RISB-54	RISB-54-0.5-20141117	11/17/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00051	0.000255	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RISB-33	RISB-33-0.5-20141119	11/19/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00051	0.000255	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00051	0.000255	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RISB-36	RISB-36-0.5-20141118	11/18/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00051	0.000255	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00051	0.000255	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	VOCs	1.09	56-23-5	Carbon tetrachloride	0.00051	0.000255	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	VOCs	1.04	56-23-5	Carbon tetrachloride	0.00051	0.000255	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00051	0.000255	mg/kg	0.05	R4 Inverts	0.01	0.005

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00051	0.000255	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00051	0.000255	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-2	SA121	SA121009-0.5B	9/25/2009	VOCs	1.02	56-23-5	Carbon tetrachloride	0.00051	0.000255	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00051	0.000255	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00051	0.000255	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00051	0.000255	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00051	0.000255	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	56-23-5	Carbon tetrachloride	0.0005	0.00025	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	56-23-5	Carbon tetrachloride	0.0005	0.00025	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.0005	0.00025	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	VOCs	1	56-23-5	Carbon tetrachloride	0.0005	0.00025	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RISB-34	RISB-34-0.5-20141119	11/19/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.0005	0.00025	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RISB-53	RISB-53-0.5-20141106	11/6/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.0005	0.00025	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	VOCs	0.99	56-23-5	Carbon tetrachloride	0.0005	0.00025	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	VOCs	1.08	56-23-5	Carbon tetrachloride	0.0005	0.00025	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RISB-55	RISB-55-0.5-20141114	11/14/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.0005	0.00025	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.0005	0.00025	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-2	SA138	SA138-0.5B	10/6/2009	VOCs	1.03	56-23-5	Carbon tetrachloride	0.0005	0.00025	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00049	0.000245	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	VOCs	1.04	56-23-5	Carbon tetrachloride	0.00049	0.000245	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-3	SA128	SA128-10B	9/16/2009	VOCs	0.99	56-23-5	Carbon tetrachloride	0.00049	0.000245	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	56-23-5	Carbon tetrachloride	0.00049	0.000245	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-2	RISB-56	RISB-56-0.5-20141104	11/4/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00049	0.000245	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00048	0.00024	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00048	0.00024	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00048	0.00024	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00048	0.00024	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	56-23-5	Carbon tetrachloride	0.00048	0.00024	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	SA151	SA151-0.5B	9/17/2009	VOCs	0.99	56-23-5	Carbon tetrachloride	0.00048	0.00024	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	SA171	SA171-5B	10/19/2009	VOCs	0.98	56-23-5	Carbon tetrachloride	0.00048	0.00024	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	SA186	SA186-0.5B	6/29/2009	VOCs	1	56-23-5	Carbon tetrachloride	0.00048	0.00024	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	SSAO7-06	SSAO7-06-0.5BPC	9/27/2010	VOCs	1	56-23-5	Carbon tetrachloride	0.00048	0.00024	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	56-23-5	Carbon tetrachloride	0.00048	0.00024	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	SA85	SA85-0.5B	6/16/2009	VOCs	1.02	56-23-5	Carbon tetrachloride	0.00048	0.00024	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00048	0.00024	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00048	0.00024	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00048	0.00024	mg/kg	0.05	R4 Inverts	0.01	0.005
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	VOCs	1	56-23-5	Carbon tetrachloride	0.00047	0.000235	mg/kg	0.05	R4 Inverts	0.009	0.005
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	VOCs	1	56-23-5	Carbon tetrachloride	0.00047	0.000235	mg/kg	0.05	R4 Inverts	0.009	0.005
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00047	0.000235	mg/kg	0.05	R4 Inverts	0.009	0.005
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	VOCs	0.98	56-23-5	Carbon tetrachloride	0.00047	0.000235	mg/kg	0.05	R4 Inverts	0.009	0.005
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00047	0.000235	mg/kg	0.05	R4 Inverts	0.009	0.005
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	56-23-5	Carbon tetrachloride	0.00047	0.000235	mg/kg	0.05	R4 Inverts	0.009	0.005
DU-1	SA166	SA166-0.5B	6/11/2009	VOCs	1	56-23-5	Carbon tetrachloride	0.00047	0.000235	mg/kg	0.05	R4 Inverts	0.009	0.005
DU-1	SA50	SA50-0.5B	6/30/2009	VOCs	0.97	56-23-5	Carbon tetrachloride	0.00047	0.000235	mg/kg	0.05	R4 Inverts	0.009	0.005
DU-1	RISB-32	RISB-32-0.5-20141120	11/20/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00047	0.000235	mg/kg	0.05	R4 Inverts	0.009	0.005
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	VOCs	1	56-23-5	Carbon tetrachloride	0.00047	0.000235	mg/kg	0.05	R4 Inverts	0.009	0.005
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	56-23-5	Carbon tetrachloride	0.00047	0.000235	mg/kg	0.05	R4 Inverts	0.009	0.005
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	56-23-5	Carbon tetrachloride	0.00046	0.00023	mg/kg	0.05	R4 Inverts	0.009	0.005
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	56-23-5	Carbon tetrachloride	0.00046	0.00023	mg/kg	0.05	R4 Inverts	0.009	0.005
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	VOCs	0.97	56-23-5	Carbon tetrachloride	0.00046	0.00023	mg/kg	0.05	R4 Inverts	0.009	0.005
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	VOCs	0.97	56-23-5	Carbon tetrachloride	0.00046	0.00023	mg/kg	0.05	R4 Inverts	0.009	0.005

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA62	SA62-0.5B	6/16/2009	VOCs	0.97	56-23-5	Carbon tetrachloride	0.00046	0.00023	mg/kg	0.05	R4 Inverts	0.009	0.005
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	56-23-5	Carbon tetrachloride	0.00045	0.000225	mg/kg	0.05	R4 Inverts	0.009	0.005
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	VOCs	0.95	56-23-5	Carbon tetrachloride	0.00045	0.000225	mg/kg	0.05	R4 Inverts	0.009	0.005
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	VOCs	0.93	56-23-5	Carbon tetrachloride	0.00045	0.000225	mg/kg	0.05	R4 Inverts	0.009	0.005
DU-1	SSAO8-05	SSAO8-05-0.5BPC	9/27/2010	VOCs	1	56-23-5	Carbon tetrachloride	0.00045	0.000225	mg/kg	0.05	R4 Inverts	0.009	0.005
DU-2	SA28	SA28-0.5B	8/3/2009	VOCs	0.92	56-23-5	Carbon tetrachloride	0.00045	0.000225	mg/kg	0.05	R4 Inverts	0.009	0.005
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	VOCs	1	56-23-5	Carbon tetrachloride	0.00044	0.00022	mg/kg	0.05	R4 Inverts	0.009	0.004
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	VOCs	0.93	56-23-5	Carbon tetrachloride	0.00044	0.00022	mg/kg	0.05	R4 Inverts	0.009	0.004
DU-2	RISB-57	RISB-57-0.5-20141103	11/3/2014	VOCs	1	56-23-5	Carbon tetrachloride	0.00044	0.00022	mg/kg	0.05	R4 Inverts	0.009	0.004
DU-1	RSAO7	RSAO7-9B	10/12/2009	VOCs	0.89	56-23-5	Carbon tetrachloride	0.00044	0.00022	mg/kg	0.05	R4 Inverts	0.009	0.004
DU-1	SA176	SA176-0.5B	6/10/2009	VOCs	0.92	56-23-5	Carbon tetrachloride	0.00044	0.00022	mg/kg	0.05	R4 Inverts	0.009	0.004
DU-1	SA75	SA75-0.5B	7/17/2009	VOCs	0.91	56-23-5	Carbon tetrachloride	0.00044	0.00022	mg/kg	0.05	R4 Inverts	0.009	0.004
DU-1	SA152	SA152-0.5B	6/4/2009	VOCs	0.93	56-23-5	Carbon tetrachloride	0.00044	0.00022	mg/kg	0.05	R4 Inverts	0.009	0.004
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	VOCs	1	56-23-5	Carbon tetrachloride	0.00044	0.00022	mg/kg	0.05	R4 Inverts	0.009	0.004
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	VOCs	1	56-23-5	Carbon tetrachloride	0.00044	0.00022	mg/kg	0.05	R4 Inverts	0.009	0.004
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	VOCs	0.91	56-23-5	Carbon tetrachloride	0.00043	0.000215	mg/kg	0.05	R4 Inverts	0.009	0.004
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	VOCs	0.91	56-23-5	Carbon tetrachloride	0.00043	0.000215	mg/kg	0.05	R4 Inverts	0.009	0.004
DU-2	SA146	SA146-0.5B	8/4/2009	VOCs	0.88	56-23-5	Carbon tetrachloride	0.00043	0.000215	mg/kg	0.05	R4 Inverts	0.009	0.004
DU-1	SA185	SA185-0.5B	6/29/2009	VOCs	0.89	56-23-5	Carbon tetrachloride	0.00043	0.000215	mg/kg	0.05	R4 Inverts	0.009	0.004
DU-3	SA64	SA64-0.5B	6/19/2009	VOCs	0.88	56-23-5	Carbon tetrachloride	0.00043	0.000215	mg/kg	0.05	R4 Inverts	0.009	0.004
DU-1	SA173	SA173-0.5B	7/27/2009	VOCs	0.9	56-23-5	Carbon tetrachloride	0.00043	0.000215	mg/kg	0.05	R4 Inverts	0.009	0.004
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	VOCs	0.91	56-23-5	Carbon tetrachloride	0.00043	0.000215	mg/kg	0.05	R4 Inverts	0.009	0.004
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	VOCs	0.91	56-23-5	Carbon tetrachloride	0.00042	0.00021	mg/kg	0.05	R4 Inverts	0.008	0.004
DU-2	SA147	SA147-0.5B	8/4/2009	VOCs	0.83	56-23-5	Carbon tetrachloride	0.00042	0.00021	mg/kg	0.05	R4 Inverts	0.008	0.004
DU-1	SA55	SA55-0.5B	6/10/2009	VOCs	0.89	56-23-5	Carbon tetrachloride	0.00042	0.00021	mg/kg	0.05	R4 Inverts	0.008	0.004
DU-1	SA152	SA152009-0.5B	6/4/2009	VOCs	0.9	56-23-5	Carbon tetrachloride	0.00042	0.00021	mg/kg	0.05	R4 Inverts	0.008	0.004
DU-1	SA92	SA92-0.5B	6/17/2009	VOCs	0.89	56-23-5	Carbon tetrachloride	0.00042	0.00021	mg/kg	0.05	R4 Inverts	0.008	0.004
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	VOCs	0.86	56-23-5	Carbon tetrachloride	0.00041	0.000205	mg/kg	0.05	R4 Inverts	0.008	0.004
DU-1	SA189	SA189-0.5B	6/4/2009	VOCs	0.85	56-23-5	Carbon tetrachloride	0.00041	0.000205	mg/kg	0.05	R4 Inverts	0.008	0.004
DU-2	SA121	SA121-0.5B	9/25/2009	VOCs	0.81	56-23-5	Carbon tetrachloride	0.0004	0.0002	mg/kg	0.05	R4 Inverts	0.008	0.004
DU-1	SA158	SA158-0.5B	6/17/2009	VOCs	0.85	56-23-5	Carbon tetrachloride	0.0004	0.0002	mg/kg	0.05	R4 Inverts	0.008	0.004
DU-1	SA179	SA179-0.5B	7/28/2009	VOCs	0.79	56-23-5	Carbon tetrachloride	0.0004	0.0002	mg/kg	0.05	R4 Inverts	0.008	0.004
DU-1	SA73	SA73-0.5B	7/29/2009	VOCs	0.77	56-23-5	Carbon tetrachloride	0.00038	0.00019	mg/kg	0.05	R4 Inverts	0.008	0.004
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	VOCs	0.76	56-23-5	Carbon tetrachloride	0.00037	0.000185	mg/kg	0.05	R4 Inverts	0.007	0.004
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	VOCs	0.74	56-23-5	Carbon tetrachloride	0.00037	0.000185	mg/kg	0.05	R4 Inverts	0.007	0.004
DU-1	SSAN8-07	SSAN8-07-0.5BPC	9/7/2010	VOCs	1	56-23-5	Carbon tetrachloride	0.00037	0.000185	mg/kg	0.05	R4 Inverts	0.007	0.004
DU-1	SSAO8-08	SSAO8-08-0.5BPC	9/27/2010	VOCs	1	56-23-5	Carbon tetrachloride	0.00037	0.000185	mg/kg	0.05	R4 Inverts	0.007	0.004
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	56-23-5	Carbon tetrachloride	0.00037	0.000185	mg/kg	0.05	R4 Inverts	0.007	0.004
DU-1	SA74	SA74-0.5B	7/15/2009	VOCs	0.72	56-23-5	Carbon tetrachloride	0.00036	0.00018	mg/kg	0.05	R4 Inverts	0.007	0.004
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	56-23-5	Carbon tetrachloride	0.00036	0.00018	mg/kg	0.05	R4 Inverts	0.007	0.004
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	56-23-5	Carbon tetrachloride	0.00036	0.00018	mg/kg	0.05	R4 Inverts	0.007	0.004
DU-1	SA69	SA69-0.5B	7/7/2009	VOCs	0.72	56-23-5	Carbon tetrachloride	0.00036	0.00018	mg/kg	0.05	R4 Inverts	0.007	0.004
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	VOCs	1	56-23-5	Carbon tetrachloride	0.00036	0.00018	mg/kg	0.05	R4 Inverts	0.007	0.004
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	VOCs	1.15	56-23-5	Carbon tetrachloride	0.00035	0.000175	mg/kg	0.05	R4 Inverts	0.007	0.004
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	VOCs	1.08	56-23-5	Carbon tetrachloride	0.00035	0.000175	mg/kg	0.05	R4 Inverts	0.007	0.004
DU-1	SA87	SA87-0.5B	6/25/2008	VOCs	1.02	56-23-5	Carbon tetrachloride	0.00035	0.000175	mg/kg	0.05	R4 Inverts	0.007	0.004
DU-1	SA180	SA180-0.5BD	6/26/2008	VOCs	0.95	56-23-5	Carbon tetrachloride	0.00035	0.000175	mg/kg	0.05	R4 Inverts	0.007	0.004
DU-1	SA180	SA180-0.5B	6/26/2008	VOCs	0.91	56-23-5	Carbon tetrachloride	0.00035	0.000175	mg/kg	0.05	R4 Inverts	0.007	0.004
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	56-23-5	Carbon tetrachloride	0.00035	0.000175	mg/kg	0.05	R4 Inverts	0.007	0.004
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	VOCs	0.71	56-23-5	Carbon tetrachloride	0.00034	0.00017	mg/kg	0.05	R4 Inverts	0.007	0.003
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	VOCs	0.71	56-23-5	Carbon tetrachloride	0.00034	0.00017	mg/kg	0.05	R4 Inverts	0.007	0.003
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	VOCs	1	56-23-5	Carbon tetrachloride	0.00034	0.00017	mg/kg	0.05	R4 Inverts	0.007	0.003

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	VOCs	0.68	56-23-5	Carbon tetrachloride	0.00033	0.000165	mg/kg	0.05	R4 Inverts	0.007	0.003
DU-1	SA74	SA74009-0.5B	7/15/2009	VOCs	0.65	56-23-5	Carbon tetrachloride	0.00033	0.000165	mg/kg	0.05	R4 Inverts	0.007	0.003
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	VOCs	0.63	56-23-5	Carbon tetrachloride	0.00031	0.000155	mg/kg	0.05	R4 Inverts	0.006	0.003
DU-1	SA72	SA72-0.5B	7/27/2009	VOCs	0.64	56-23-5	Carbon tetrachloride	0.00031	0.000155	mg/kg	0.05	R4 Inverts	0.006	0.003
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	VOCs	0.6	56-23-5	Carbon tetrachloride	0.0003	0.00015	mg/kg	0.05	R4 Inverts	0.006	0.003
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	VOCs	0.63	56-23-5	Carbon tetrachloride	0.0003	0.00015	mg/kg	0.05	R4 Inverts	0.006	0.003
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	VOCs	0.63	56-23-5	Carbon tetrachloride	0.0003	0.00015	mg/kg	0.05	R4 Inverts	0.006	0.003
DU-1	SA173	SA173009-0.5B	7/27/2009	VOCs	0.58	56-23-5	Carbon tetrachloride	0.00028	0.00014	mg/kg	0.05	R4 Inverts	0.006	0.003
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	57-74-9	Chlordane (total)	0.22	0.11	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	80	40
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	57-74-9	Chlordane (total)	0.18	0.09	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	60	30
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	57-74-9	Chlordane (total)	0.12	0.06	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	40	20
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	57-74-9	Chlordane (total)	0.12	0.06	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	40	20
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	57-74-9	Chlordane (total)	0.047	0.0235	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	20	8
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	57-74-9	Chlordane (total)	0.045	0.0225	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	20	8
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	57-74-9	Chlordane (total)	0.045	0.0225	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	20	8
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	57-74-9	Chlordane (total)	0.045	0.0225	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	20	8
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	57-74-9	Chlordane (total)	0.044	0.022	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	20	8
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	57-74-9	Chlordane (total)	0.044	0.022	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	20	8
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	57-74-9	Chlordane (total)	0.044	0.022	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	20	8
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	57-74-9	Chlordane (total)	0.044	0.022	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	20	8
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	57-74-9	Chlordane (total)	0.044	0.022	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	20	8
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	57-74-9	Chlordane (total)	0.044	0.022	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	20	8
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	57-74-9	Chlordane (total)	0.044	0.022	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	20	8
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	57-74-9	Chlordane (total)	0.043	0.0215	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	10	7
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	57-74-9	Chlordane (total)	0.043	0.0215	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	10	7
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	57-74-9	Chlordane (total)	0.043	0.0215	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	10	7
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	OCPs	10	57-74-9	Chlordane (total)	0.025	0.0125	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	9	4
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	57-74-9	Chlordane (total)	0.024	0.012	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	8	4
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	57-74-9	Chlordane (total)	0.012	0.006	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	4	2
DU-1	SA12	SA12-0.5	11/10/2006	OCPs	1	57-74-9	Chlordane (total)	0.011	0.0055	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	4	2
DU-1	SA11	SA11-0.5	11/9/2006	OCPs	1	57-74-9	Chlordane (total)	0.011	0.0055	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	4	2
DU-1	SA11	SA11-0.5D	11/9/2006	OCPs	1	57-74-9	Chlordane (total)	0.011	0.0055	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	4	2
DU-1	SA18	SA18-0.5D	11/15/2006	OCPs	1	57-74-9	Chlordane (total)	0.011	0.0055	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	4	2
DU-2	SA02	SA2-0.5	11/3/2006	OCPs	1	57-74-9	Chlordane (total)	0.011	0.0055	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	4	2
DU-1	SA18	SA18-0.5	11/15/2006	OCPs	1	57-74-9	Chlordane (total)	0.011	0.0055	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	4	2
DU-1	SA20	SA20-0.5	11/16/2006	OCPs	1	57-74-9	Chlordane (total)	0.011	0.0055	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	4	2
DU-1	SA19	SA19-0.5	11/16/2006	OCPs	1	57-74-9	Chlordane (total)	0.011	0.0055	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	4	2
DU-3	SA16	SA16-0.5	11/9/2006	OCPs	1	57-74-9	Chlordane (total)	0.011	0.0055	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	4	2
DU-2	SA07	SA7-0.5	11/20/2006	OCPs	1	57-74-9	Chlordane (total)	0.011	0.0055	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	4	2
DU-1	SA21	SA21-0.5	11/15/2006	OCPs	1	57-74-9	Chlordane (total)	0.01	0.005	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	3	2
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	OCPs	2	57-74-9	Chlordane (total)	0.0088	0.0044	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	3	2
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	OCPs	2	57-74-9	Chlordane (total)	0.0087	0.00435	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	3	2
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	OCPs	1	57-74-9	Chlordane (total)	0.0047	0.00235	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	OCPs	1	57-74-9	Chlordane (total)	0.0046	0.0023	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OCPs	1	57-74-9	Chlordane (total)	0.0046	0.0023	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	OCPs	1	57-74-9	Chlordane (total)	0.0046	0.0023	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	OCPs	1	57-74-9	Chlordane (total)	0.0046	0.0023	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-2	SA121	SA121009-0.5B	9/25/2009	OCPs	1	57-74-9	Chlordane (total)	0.0046	0.0023	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-2	SA121	SA121-0.5B	9/25/2009	OCPs	1	57-74-9	Chlordane (total)	0.0046	0.0023	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-3	SA128	SA128-10B	9/16/2009	OCPs	1	57-74-9	Chlordane (total)	0.0046	0.0023	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	OCPs	1	57-74-9	Chlordane (total)	0.0046	0.0023	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-1	SA73	SA73-0.5B	7/29/2009	OCPs	1	57-74-9	Chlordane (total)	0.0046	0.0023	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	OCPs	1	57-74-9	Chlordane (total)	0.0045	0.00225	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OCPs	1	57-74-9	Chlordane (total)	0.0045	0.00225	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	OCPs	1	57-74-9	Chlordane (total)	0.0045	0.00225	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-1	RSAO7	RSAO7-9B	10/12/2009	OCPs	1	57-74-9	Chlordane (total)	0.0045	0.00225	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	OCPs	1	57-74-9	Chlordane (total)	0.0045	0.00225	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-1	SA35	SA35-0.5B	6/10/2009	OCPs	1	57-74-9	Chlordane (total)	0.0045	0.00225	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-2	SA138	SA138-0.5B	10/6/2009	OCPs	1	57-74-9	Chlordane (total)	0.0045	0.00225	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	OCPs	1	57-74-9	Chlordane (total)	0.0044	0.0022	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	OCPs	1	57-74-9	Chlordane (total)	0.0044	0.0022	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OCPs	1	57-74-9	Chlordane (total)	0.0044	0.0022	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	OCPs	1	57-74-9	Chlordane (total)	0.0044	0.0022	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	OCPs	1	57-74-9	Chlordane (total)	0.0044	0.0022	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OCPs	1	57-74-9	Chlordane (total)	0.0044	0.0022	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OCPs	1	57-74-9	Chlordane (total)	0.0044	0.0022	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	OCPs	1	57-74-9	Chlordane (total)	0.0044	0.0022	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	2	0.8
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	OCPs	1	57-74-9	Chlordane (total)	0.0043	0.00215	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	**1**	0.7
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	OCPs	1	57-74-9	Chlordane (total)	0.0043	0.00215	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	**1**	0.7
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	OCPs	1	57-74-9	Chlordane (total)	0.0024	0.0012	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.8	0.4
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	OCPs	1	57-74-9	Chlordane (total)	0.0024	0.0012	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.8	0.4
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	OCPs	1	57-74-9	Chlordane (total)	0.0024	0.0012	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.8	0.4
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	OCPs	1	57-74-9	Chlordane (total)	0.0024	0.0012	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.8	0.4
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	OCPs	1	57-74-9	Chlordane (total)	0.0023	0.00115	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.8	0.4
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	OCPs	1	57-74-9	Chlordane (total)	0.0019	0.00095	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.7	0.3
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	OCPs	1	57-74-9	Chlordane (total)	0.0019	0.00095	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.7	0.3
DU-1	SA87	SA87-0.5B	6/25/2008	OCPs	1	57-74-9	Chlordane (total)	0.0019	0.00095	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.7	0.3
DU-1	SA180	SA180-0.5B	6/26/2008	OCPs	20	57-74-9	Chlordane (total)	0.0019	0.00095	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.7	0.3
DU-1	SA180	SA180-0.5BD	6/26/2008	OCPs	1	57-74-9	Chlordane (total)	0.0019	0.00095	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.7	0.3
DU-1	SA67	SA67-0.5B	7/7/2008	OCPs	1	57-74-9	Chlordane (total)	0.0019	0.00095	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.7	0.3
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	8/16/2010	OCPs	1	57-74-9	Chlordane (total)	0.00023	0.000115	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.08	0.04
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	8/16/2010	OCPs	1	57-74-9	Chlordane (total)	0.00023	0.000115	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.08	0.04
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	8/16/2010	OCPs	1	57-74-9	Chlordane (total)	0.00023	0.000115	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.08	0.04
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	8/17/2010	OCPs	1	57-74-9	Chlordane (total)	0.00023	0.000115	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.08	0.04
DU-1	CS-E14C-1	CS-E14C-1	6/2/2011	OCPs	1	57-74-9	Chlordane (total)	0.00023	0.000115	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.08	0.04
DU-1	EE-E14C-1	EE-E14C-1	6/2/2011	OCPs	1	57-74-9	Chlordane (total)	0.00023	0.000115	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.08	0.04
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	8/13/2010	OCPs	1	57-74-9	Chlordane (total)	0.00022	0.00011	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.08	0.04
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	8/16/2010	OCPs	1	57-74-9	Chlordane (total)	0.00022	0.00011	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.08	0.04
DU-1	SSAJ3-05	SSAJ3-05-8BPC	8/10/2010	OCPs	1	57-74-9	Chlordane (total)	0.00022	0.00011	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.08	0.04
DU-1	SSAJ3-07	SSAJ3-07-5BPC	8/10/2010	OCPs	1	57-74-9	Chlordane (total)	0.00022	0.00011	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.08	0.04
DU-1	SSAI3-02	SSAI3-02-14BPC	8/7/2010	OCPs	1	57-74-9	Chlordane (total)	0.00022	0.00011	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.08	0.04
DU-1	DS-D27-1	DS-D27-1	4/14/2011	OCPs	1	57-74-9	Chlordane (total)	0.00021	0.000105	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.07	0.04
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	8/16/2010	OCPs	1	57-74-9	Chlordane (total)	0.00021	0.000105	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.07	0.04
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	8/13/2010	OCPs	1	57-74-9	Chlordane (total)	0.00021	0.000105	mg/kg	0.0029	R4 alpha-chlordane used as surrogate	0.07	0.04
DU-1	SA20	SA20-0.5D	11/16/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.025	0.0125	mg/kg	0.003	R4 Inverts	8	4
DU-1	SA11	SA11-0.5D	11/9/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.023	0.0115	mg/kg	0.003	R4 Inverts	8	4
DU-1	SA12	SA12-0.5	11/10/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.022	0.011	mg/kg	0.003	R4 Inverts	7	4
DU-1	SA11	SA11-0.5	11/9/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.022	0.011	mg/kg	0.003	R4 Inverts	7	4
DU-1	SA18	SA18-0.5	11/15/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.022	0.011	mg/kg	0.003	R4 Inverts	7	4
DU-1	SA20	SA20-0.5	11/16/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.022	0.011	mg/kg	0.003	R4 Inverts	7	4
DU-1	SA19	SA19-0.5	11/16/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.022	0.011	mg/kg	0.003	R4 Inverts	7	4
DU-1	SA18	SA18-0.5D	11/15/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.021	0.0105	mg/kg	0.003	R4 Inverts	7	4
DU-2	SA02	SA2-0.5	11/3/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.021	0.0105	mg/kg	0.003	R4 Inverts	7	4
DU-3	SA16	SA16-0.5	11/9/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.021	0.0105	mg/kg	0.003	R4 Inverts	7	4

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	SA07	SA7-0.5	11/20/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.021	0.0105	mg/kg	0.003	R4 Inverts	7	4
DU-1	SA21	SA21-0.5	11/15/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.021	0.0105	mg/kg	0.003	R4 Inverts	7	4
DU-1	SA166	SA166-0.5B	6/11/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.0077	0.00385	mg/kg	0.003	R4 Inverts	3	**1**
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.0071	0.00355	mg/kg	0.003	R4 Inverts	2	**1**
DU-2	RSAP7	RSAP7-0.0B	10/27/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.007	0.0035	mg/kg	0.003	R4 Inverts	2	**1**
DU-3	SA128	SA128-10B	9/16/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.007	0.0035	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	SA73	SA73-0.5B	7/29/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.007	0.0035	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.007	0.0035	mg/kg	0.003	R4 Inverts	2	**1**
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.0069	0.00345	mg/kg	0.003	R4 Inverts	2	**1**
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.0068	0.0034	mg/kg	0.003	R4 Inverts	2	**1**
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.0068	0.0034	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	SA176	SA176-0.5B	6/10/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.0068	0.0034	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	SA35	SA35-0.5B	6/10/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.0068	0.0034	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	SA85	SA85-0.5B	6/16/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.0068	0.0034	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0067	0.00335	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.0067	0.00335	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0067	0.00335	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0067	0.00335	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0067	0.00335	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0067	0.00335	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0067	0.00335	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	SA92	SA92-0.5B	6/17/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0065	0.00325	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0065	0.00325	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0065	0.00325	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0064	0.0032	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0064	0.0032	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0064	0.0032	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0063	0.00315	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0063	0.00315	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0062	0.0031	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0062	0.0031	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0062	0.0031	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0061	0.00305	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	98-82-8	Cumene	0.0062	0.0031	mg/kg	0.04	R4 Inverts	0.2	0.08
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	98-82-8	Cumene	0.0059	0.00295	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	98-82-8	Cumene	0.0057	0.00285	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	98-82-8	Cumene	0.0056	0.0028	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	98-82-8	Cumene	0.0056	0.0028	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	98-82-8	Cumene	0.0055	0.00275	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	98-82-8	Cumene	0.0055	0.00275	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	98-82-8	Cumene	0.0055	0.00275	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	98-82-8	Cumene	0.0054	0.0027	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	98-82-8	Cumene	0.0053	0.00265	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	98-82-8	Cumene	0.0053	0.00265	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	98-82-8	Cumene	0.0053	0.00265	mg/kg	0.04	R4 Inverts	0.1	0.07

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	98-82-8	Cumene	0.0053	0.00265	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	98-82-8	Cumene	0.0052	0.0026	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	98-82-8	Cumene	0.0049	0.00245	mg/kg	0.04	R4 Inverts	0.1	0.06
DU-1	SA157	SA157-0.5B	10/20/2009	VOCs	1.89	98-82-8	Cumene	0.0011	0.00055	mg/kg	0.04	R4 Inverts	0.03	0.01
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	98-82-8	Cumene	0.00097	0.000485	mg/kg	0.04	R4 Inverts	0.02	0.01
DU-3	SA65	SA65-10B	8/25/2009	VOCs	1.68	98-82-8	Cumene	0.00092	0.00046	mg/kg	0.04	R4 Inverts	0.02	0.01
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	VOCs	1	98-82-8	Cumene	0.00082	0.00041	mg/kg	0.04	R4 Inverts	0.02	0.01
DU-2	SA103	SA103-0.5B	10/6/2009	VOCs	1.34	98-82-8	Cumene	0.00072	0.00036	mg/kg	0.04	R4 Inverts	0.02	0.009
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	VOCs	1.14	98-82-8	Cumene	0.00062	0.00031	mg/kg	0.04	R4 Inverts	0.02	0.008
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	98-82-8	Cumene	0.00059	0.000295	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RISB-37	RISB-37-0.5-20141117	11/17/2014	VOCs	1	98-82-8	Cumene	0.00058	0.00029	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-2	SA116	SA116-0.5B	9/2/2009	VOCs	1.08	98-82-8	Cumene	0.00058	0.00029	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-2	SA212	SA212-0.5B	9/28/2009	VOCs	1.09	98-82-8	Cumene	0.00058	0.00029	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	SA141	SA141009-14B	10/15/2009	VOCs	1.07	98-82-8	Cumene	0.00058	0.00029	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	VOCs	1	98-82-8	Cumene	0.00057	0.000285	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	VOCs	1.04	98-82-8	Cumene	0.00057	0.000285	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-2	SA121	SA121009-0.5B	9/25/2009	VOCs	1.02	98-82-8	Cumene	0.00056	0.00028	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	VOCs	1	98-82-8	Cumene	0.00055	0.000275	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-2	SA138	SA138-0.5B	10/6/2009	VOCs	1.03	98-82-8	Cumene	0.00055	0.000275	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	VOCs	1	98-82-8	Cumene	0.00054	0.00027	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RISB-31	RISB-31-0.5-20141119	11/19/2014	VOCs	1	98-82-8	Cumene	0.00054	0.00027	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	SA171	SA171-5B	10/19/2009	VOCs	0.98	98-82-8	Cumene	0.00054	0.00027	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-3	SA128	SA128-10B	9/16/2009	VOCs	0.99	98-82-8	Cumene	0.00054	0.00027	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	SA151	SA151-0.5B	9/17/2009	VOCs	0.99	98-82-8	Cumene	0.00053	0.000265	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	98-82-8	Cumene	0.00053	0.000265	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	98-82-8	Cumene	0.00053	0.000265	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	SSAN7-06	SSAN7-06-0.5BPC	9/7/2010	VOCs	1	98-82-8	Cumene	0.00053	0.000265	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	VOCs	1	98-82-8	Cumene	0.00053	0.000265	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	98-82-8	Cumene	0.00053	0.000265	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	VOCs	1	98-82-8	Cumene	0.00052	0.00026	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	VOCs	1	98-82-8	Cumene	0.00052	0.00026	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	VOCs	1	98-82-8	Cumene	0.00052	0.00026	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	VOCs	1	98-82-8	Cumene	0.00052	0.00026	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	VOCs	0.98	98-82-8	Cumene	0.00052	0.00026	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	VOCs	1	98-82-8	Cumene	0.00052	0.00026	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	VOCs	1	98-82-8	Cumene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-30	RISB-30-0.5-20141118	11/18/2014	VOCs	1	98-82-8	Cumene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-35	RISB-35-0.5-20141119	11/19/2014	VOCs	1	98-82-8	Cumene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-54	RISB-54-0.5-20141117	11/17/2014	VOCs	1	98-82-8	Cumene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-33	RISB-33-0.5-20141119	11/19/2014	VOCs	1	98-82-8	Cumene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	VOCs	1	98-82-8	Cumene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-36	RISB-36-0.5-20141118	11/18/2014	VOCs	1	98-82-8	Cumene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	VOCs	1	98-82-8	Cumene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	VOCs	1	98-82-8	Cumene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	VOCs	1	98-82-8	Cumene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	VOCs	1	98-82-8	Cumene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	VOCs	1	98-82-8	Cumene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	98-82-8	Cumene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	98-82-8	Cumene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	VOCs	1	98-82-8	Cumene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	98-82-8	Cumene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	98-82-8	Cumene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RISB-34	RISB-34-0.5-20141119	11/19/2014	VOCs	1	98-82-8	Cumene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	VOCs	1	98-82-8	Cumene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	VOCs	1	98-82-8	Cumene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-53	RISB-53-0.5-20141106	11/6/2014	VOCs	1	98-82-8	Cumene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	98-82-8	Cumene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	VOCs	0.95	98-82-8	Cumene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	VOCs	0.93	98-82-8	Cumene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-2	SA28	SA28-0.5B	8/3/2009	VOCs	0.92	98-82-8	Cumene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-55	RISB-55-0.5-20141114	11/14/2014	VOCs	1	98-82-8	Cumene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	VOCs	1	98-82-8	Cumene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	VOCs	1	98-82-8	Cumene	0.00049	0.000245	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-2	RISB-56	RISB-56-0.5-20141104	11/4/2014	VOCs	1	98-82-8	Cumene	0.00049	0.000245	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	VOCs	1	98-82-8	Cumene	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	VOCs	1	98-82-8	Cumene	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	VOCs	1	98-82-8	Cumene	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	VOCs	1	98-82-8	Cumene	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RSAO7	RSAO7-9B	10/12/2009	VOCs	0.89	98-82-8	Cumene	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	VOCs	1	98-82-8	Cumene	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	VOCs	1	98-82-8	Cumene	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	VOCs	1	98-82-8	Cumene	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	VOCs	1	98-82-8	Cumene	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	VOCs	1	98-82-8	Cumene	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	VOCs	1	98-82-8	Cumene	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	VOCs	1	98-82-8	Cumene	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-2	SA146	SA146-0.5B	8/4/2009	VOCs	0.88	98-82-8	Cumene	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-32	RISB-32-0.5-20141120	11/20/2014	VOCs	1	98-82-8	Cumene	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-2	SA147	SA147-0.5B	8/4/2009	VOCs	0.83	98-82-8	Cumene	0.00046	0.00023	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-2	SA121	SA121-0.5B	9/25/2009	VOCs	0.81	98-82-8	Cumene	0.00045	0.000225	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	SSAO7-06	SSAO7-06-0.5BPC	9/27/2010	VOCs	1	98-82-8	Cumene	0.00045	0.000225	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	VOCs	1	98-82-8	Cumene	0.00044	0.00022	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-2	RISB-57	RISB-57-0.5-20141103	11/3/2014	VOCs	1	98-82-8	Cumene	0.00044	0.00022	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	VOCs	1	98-82-8	Cumene	0.00044	0.00022	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	SSAO8-05	SSAO8-05-0.5BPC	9/27/2010	VOCs	1	98-82-8	Cumene	0.00042	0.00021	mg/kg	0.04	R4 Inverts	0.01	0.005
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	VOCs	1	98-82-8	Cumene	0.00041	0.000205	mg/kg	0.04	R4 Inverts	0.01	0.005
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	VOCs	1	98-82-8	Cumene	0.00041	0.000205	mg/kg	0.04	R4 Inverts	0.01	0.005
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	VOCs	1.15	98-82-8	Cumene	0.0004	0.0002	mg/kg	0.04	R4 Inverts	0.01	0.005
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	VOCs	1.08	98-82-8	Cumene	0.0004	0.0002	mg/kg	0.04	R4 Inverts	0.01	0.005
DU-1	SA87	SA87-0.5B	6/25/2008	VOCs	1.02	98-82-8	Cumene	0.0004	0.0002	mg/kg	0.04	R4 Inverts	0.01	0.005
DU-1	SA180	SA180-0.5BD	6/26/2008	VOCs	0.95	98-82-8	Cumene	0.0004	0.0002	mg/kg	0.04	R4 Inverts	0.01	0.005
DU-1	SA180	SA180-0.5B	6/26/2008	VOCs	0.91	98-82-8	Cumene	0.0004	0.0002	mg/kg	0.04	R4 Inverts	0.01	0.005
DU-1	SA69	SA69-0.5B	7/7/2009	VOCs	0.72	98-82-8	Cumene	0.0004	0.0002	mg/kg	0.04	R4 Inverts	0.01	0.005
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	98-82-8	Cumene	0.0004	0.0002	mg/kg	0.04	R4 Inverts	0.01	0.005
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	VOCs	1.33	98-82-8	Cumene	0.00038	0.00019	mg/kg	0.04	R4 Inverts	0.01	0.005
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	VOCs	0.71	98-82-8	Cumene	0.00037	0.000185	mg/kg	0.04	R4 Inverts	0.009	0.005
DU-1	SSAO8-08	SSAO8-08-0.5BPC	9/27/2010	VOCs	1	98-82-8	Cumene	0.00035	0.000175	mg/kg	0.04	R4 Inverts	0.009	0.004
DU-1	SA71	SA71-0.5B	6/16/2009	VOCs	1.2	98-82-8	Cumene	0.00035	0.000175	mg/kg	0.04	R4 Inverts	0.009	0.004
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	98-82-8	Cumene	0.00035	0.000175	mg/kg	0.04	R4 Inverts	0.009	0.004
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	VOCs	0.63	98-82-8	Cumene	0.00034	0.00017	mg/kg	0.04	R4 Inverts	0.009	0.004
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	VOCs	0.63	98-82-8	Cumene	0.00034	0.00017	mg/kg	0.04	R4 Inverts	0.009	0.004
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	98-82-8	Cumene	0.00034	0.00017	mg/kg	0.04	R4 Inverts	0.009	0.004
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	98-82-8	Cumene	0.00034	0.00017	mg/kg	0.04	R4 Inverts	0.009	0.004
DU-1	SSAN8-07	SSAN8-07-0.5BPC	9/7/2010	VOCs	1	98-82-8	Cumene	0.00034	0.00017	mg/kg	0.04	R4 Inverts	0.009	0.004

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	VOCs	1	98-82-8	Cumene	0.00034	0.00017	mg/kg	0.04	R4 Inverts	0.009	0.004
DU-3	SA197	SA197-0.5B	6/19/2009	VOCs	1.07	98-82-8	Cumene	0.00033	0.000165	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SA145	SA145-0.5B	6/12/2009	VOCs	1.14	98-82-8	Cumene	0.00033	0.000165	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	VOCs	1.09	98-82-8	Cumene	0.00032	0.00016	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	VOCs	0.99	98-82-8	Cumene	0.00031	0.000155	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	VOCs	1.04	98-82-8	Cumene	0.00031	0.000155	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	VOCs	1.08	98-82-8	Cumene	0.00031	0.000155	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	VOCs	1	98-82-8	Cumene	0.00031	0.000155	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	98-82-8	Cumene	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	98-82-8	Cumene	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SA186	SA186-0.5B	6/29/2009	VOCs	1	98-82-8	Cumene	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SA166	SA166-0.5B	6/11/2009	VOCs	1	98-82-8	Cumene	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SA85	SA85-0.5B	6/16/2009	VOCs	1.02	98-82-8	Cumene	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	98-82-8	Cumene	0.00029	0.000145	mg/kg	0.04	R4 Inverts	0.007	0.004
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	98-82-8	Cumene	0.00029	0.000145	mg/kg	0.04	R4 Inverts	0.007	0.004
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	VOCs	0.97	98-82-8	Cumene	0.00029	0.000145	mg/kg	0.04	R4 Inverts	0.007	0.004
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	VOCs	0.97	98-82-8	Cumene	0.00029	0.000145	mg/kg	0.04	R4 Inverts	0.007	0.004
DU-1	SA62	SA62-0.5B	6/16/2009	VOCs	0.97	98-82-8	Cumene	0.00029	0.000145	mg/kg	0.04	R4 Inverts	0.007	0.004
DU-1	SA50	SA50-0.5B	6/30/2009	VOCs	0.97	98-82-8	Cumene	0.00029	0.000145	mg/kg	0.04	R4 Inverts	0.007	0.004
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	VOCs	0.93	98-82-8	Cumene	0.00028	0.00014	mg/kg	0.04	R4 Inverts	0.007	0.004
DU-1	SA75	SA75-0.5B	7/17/2009	VOCs	0.91	98-82-8	Cumene	0.00028	0.00014	mg/kg	0.04	R4 Inverts	0.007	0.004
DU-1	SA152	SA152-0.5B	6/4/2009	VOCs	0.93	98-82-8	Cumene	0.00028	0.00014	mg/kg	0.04	R4 Inverts	0.007	0.004
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	VOCs	0.91	98-82-8	Cumene	0.00027	0.000135	mg/kg	0.04	R4 Inverts	0.007	0.003
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	VOCs	0.91	98-82-8	Cumene	0.00027	0.000135	mg/kg	0.04	R4 Inverts	0.007	0.003
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	VOCs	0.91	98-82-8	Cumene	0.00027	0.000135	mg/kg	0.04	R4 Inverts	0.007	0.003
DU-1	SA176	SA176-0.5B	6/10/2009	VOCs	0.92	98-82-8	Cumene	0.00027	0.000135	mg/kg	0.04	R4 Inverts	0.007	0.003
DU-1	SA185	SA185-0.5B	6/29/2009	VOCs	0.89	98-82-8	Cumene	0.00027	0.000135	mg/kg	0.04	R4 Inverts	0.007	0.003
DU-3	SA64	SA64-0.5B	6/19/2009	VOCs	0.88	98-82-8	Cumene	0.00027	0.000135	mg/kg	0.04	R4 Inverts	0.007	0.003
DU-1	SA173	SA173-0.5B	7/27/2009	VOCs	0.9	98-82-8	Cumene	0.00027	0.000135	mg/kg	0.04	R4 Inverts	0.007	0.003
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	VOCs	0.91	98-82-8	Cumene	0.00027	0.000135	mg/kg	0.04	R4 Inverts	0.007	0.003
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	VOCs	0.86	98-82-8	Cumene	0.00026	0.00013	mg/kg	0.04	R4 Inverts	0.007	0.003
DU-1	SA55	SA55-0.5B	6/10/2009	VOCs	0.89	98-82-8	Cumene	0.00026	0.00013	mg/kg	0.04	R4 Inverts	0.007	0.003
DU-1	SA152	SA152009-0.5B	6/4/2009	VOCs	0.9	98-82-8	Cumene	0.00026	0.00013	mg/kg	0.04	R4 Inverts	0.007	0.003
DU-1	SA189	SA189-0.5B	6/4/2009	VOCs	0.85	98-82-8	Cumene	0.00026	0.00013	mg/kg	0.04	R4 Inverts	0.007	0.003
DU-1	SA92	SA92-0.5B	6/17/2009	VOCs	0.89	98-82-8	Cumene	0.00026	0.00013	mg/kg	0.04	R4 Inverts	0.007	0.003
DU-1	SA158	SA158-0.5B	6/17/2009	VOCs	0.85	98-82-8	Cumene	0.00025	0.000125	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SA179	SA179-0.5B	7/28/2009	VOCs	0.79	98-82-8	Cumene	0.00025	0.000125	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SA73	SA73-0.5B	7/29/2009	VOCs	0.77	98-82-8	Cumene	0.00024	0.00012	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	VOCs	0.76	98-82-8	Cumene	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	VOCs	0.74	98-82-8	Cumene	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SA74	SA74-0.5B	7/15/2009	VOCs	0.72	98-82-8	Cumene	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	VOCs	0.71	98-82-8	Cumene	0.00021	0.000105	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	VOCs	0.68	98-82-8	Cumene	0.00021	0.000105	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	SA74	SA74009-0.5B	7/15/2009	VOCs	0.65	98-82-8	Cumene	0.00021	0.000105	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	VOCs	0.6	98-82-8	Cumene	0.00019	0.000095	mg/kg	0.04	R4 Inverts	0.005	0.002
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	VOCs	0.63	98-82-8	Cumene	0.00019	0.000095	mg/kg	0.04	R4 Inverts	0.005	0.002
DU-1	SA72	SA72-0.5B	7/27/2009	VOCs	0.64	98-82-8	Cumene	0.00019	0.000095	mg/kg	0.04	R4 Inverts	0.005	0.002
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	98-82-8	Cumene	0.00019	0.000095	mg/kg	0.04	R4 Inverts	0.005	0.002
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	98-82-8	Cumene	0.00019	0.000095	mg/kg	0.04	R4 Inverts	0.005	0.002
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	98-82-8	Cumene	0.00019	0.000095	mg/kg	0.04	R4 Inverts	0.005	0.002
DU-1	SA173	SA173009-0.5B	7/27/2009	VOCs	0.58	98-82-8	Cumene	0.00018	0.00009	mg/kg	0.04	R4 Inverts	0.005	0.002
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	98-82-8	Cumene	0.00018	0.00009	mg/kg	0.04	R4 Inverts	0.005	0.002

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	98-82-8	Cumene	0.00018	0.00009	mg/kg	0.04	R4 Inverts	0.005	0.002
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	98-82-8	Cumene	0.00018	0.00009	mg/kg	0.04	R4 Inverts	0.005	0.002
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	98-82-8	Cumene	0.00018	0.00009	mg/kg	0.04	R4 Inverts	0.005	0.002
DU-1	SA11	SA11-0.5D	11/9/2006	General Chemistry	1	57-12-5	Cyanide (total)	0.57	0.285	mg/kg	0.098	R4 Birds	6	3
DU-1	SA12	SA12-0.5	11/10/2006	General Chemistry	1	57-12-5	Cyanide (total)	0.56	0.28	mg/kg	0.098	R4 Birds	6	3
DU-1	SA11	SA11-0.5	11/9/2006	General Chemistry	1	57-12-5	Cyanide (total)	0.54	0.27	mg/kg	0.098	R4 Birds	6	3
DU-3	SA16	SA16-0.5	11/9/2006	General Chemistry	1	57-12-5	Cyanide (total)	0.53	0.265	mg/kg	0.098	R4 Birds	5	3
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-2	SA121	SA121009-0.5B	9/25/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	SA176	SA176-0.5B	6/10/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-3	SA197	SA197-0.5B	6/19/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	SA35	SA35-0.5B	6/10/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	SA73	SA73-0.5B	7/29/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	SA55	SA55-0.5B	6/10/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	SA152	SA152-0.5B	6/4/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	SA173	SA173009-0.5B	7/27/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	SA173	SA173-0.5B	7/27/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	SA85	SA85-0.5B	6/16/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	SA179	SA179-0.5B	7/28/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	SA103	SA103-0.5B	10/6/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	SA121	SA121-0.5B	9/25/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	SA147	SA147-0.5B	8/4/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	SA146	SA146-0.5B	8/4/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-3	SA128	SA128-10B	9/16/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA171	SA171-5B	10/19/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	SA116	SA116-0.5B	9/2/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA158	SA158-0.5B	6/17/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA72	SA72-0.5B	7/27/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA152	SA152009-0.5B	6/4/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA157	SA157009-0.5B	10/20/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA157	SA157-0.5B	10/20/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-3	SA64	SA64-0.5B	6/19/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA166	SA166-0.5B	6/11/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA74	SA74009-0.5B	7/15/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA74	SA74-0.5B	7/15/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	SA212	SA212-0.5B	9/28/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	SA28	SA28-0.5B	8/3/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA69	SA69-0.5B	7/7/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA189	SA189-0.5B	6/4/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA71	SA71-0.5B	6/16/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-3	SA65	SA65-10B	8/25/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA92	SA92-0.5B	6/17/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	SA138	SA138-0.5B	10/6/2009	General Chemistry	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	General Chemistry	1	57-12-5	Cyanide (total)	0.218	0.109	mg/kg	0.098	R4 Birds	2	**1**
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	General Chemistry	1	57-12-5	Cyanide (total)	0.218	0.109	mg/kg	0.098	R4 Birds	2	**1**
DU-1	SA87	SA87-0.5B	6/25/2008	General Chemistry	1	57-12-5	Cyanide (total)	0.218	0.109	mg/kg	0.098	R4 Birds	2	**1**
DU-1	SA180	SA180-0.5BD	6/26/2008	General Chemistry	1	57-12-5	Cyanide (total)	0.218	0.109	mg/kg	0.098	R4 Birds	2	**1**
DU-1	SA180	SA180-0.5B	6/26/2008	General Chemistry	1	57-12-5	Cyanide (total)	0.218	0.109	mg/kg	0.098	R4 Birds	2	**1**
DU-1	SA67	SA67-0.5B	7/7/2008	General Chemistry	1	57-12-5	Cyanide (total)	0.218	0.109	mg/kg	0.098	R4 Birds	2	**1**
DU-3	SA15	SA15-10	11/8/2006	General Chemistry	1	57-12-5	Cyanide (total)	0.14	0.07	mg/kg	0.098	R4 Birds	**1**	0.7
DU-3	SA15	SA15-10D	11/8/2006	General Chemistry	1	57-12-5	Cyanide (total)	0.13	0.065	mg/kg	0.098	R4 Birds	**1**	0.7
DU-2	SA02	SA2-0.5	11/3/2006	General Chemistry	1	57-12-5	Cyanide (total)	0.13	0.065	mg/kg	0.098	R4 Birds	**1**	0.7
DU-1	SA20	SA20-0.5D	11/16/2006	OPPs	1	333-41-5	Diazinon	0.027	0.0135	mg/kg	0.0037	R4 Inverts	7	4
DU-1	SA11	SA11-0.5D	11/9/2006	OPPs	1	333-41-5	Diazinon	0.025	0.0125	mg/kg	0.0037	R4 Inverts	7	3
DU-1	SA12	SA12-0.5	11/10/2006	OPPs	1	333-41-5	Diazinon	0.024	0.012	mg/kg	0.0037	R4 Inverts	6	3
DU-1	SA11	SA11-0.5	11/9/2006	OPPs	1	333-41-5	Diazinon	0.024	0.012	mg/kg	0.0037	R4 Inverts	6	3
DU-1	SA18	SA18-0.5	11/15/2006	OPPs	1	333-41-5	Diazinon	0.024	0.012	mg/kg	0.0037	R4 Inverts	6	3
DU-1	SA20	SA20-0.5	11/16/2006	OPPs	1	333-41-5	Diazinon	0.024	0.012	mg/kg	0.0037	R4 Inverts	6	3
DU-1	SA19	SA19-0.5	11/16/2006	OPPs	1	333-41-5	Diazinon	0.024	0.012	mg/kg	0.0037	R4 Inverts	6	3
DU-1	SA18	SA18-0.5D	11/15/2006	OPPs	1	333-41-5	Diazinon	0.023	0.0115	mg/kg	0.0037	R4 Inverts	6	3
DU-2	SA02	SA2-0.5	11/3/2006	OPPs	1	333-41-5	Diazinon	0.023	0.0115	mg/kg	0.0037	R4 Inverts	6	3
DU-3	SA16	SA16-0.5	11/9/2006	OPPs	1	333-41-5	Diazinon	0.023	0.0115	mg/kg	0.0037	R4 Inverts	6	3
DU-2	SA07	SA7-0.5	11/20/2006	OPPs	1	333-41-5	Diazinon	0.023	0.0115	mg/kg	0.0037	R4 Inverts	6	3
DU-1	SA21	SA21-0.5	11/15/2006	OPPs	1	333-41-5	Diazinon	0.023	0.0115	mg/kg	0.0037	R4 Inverts	6	3
DU-1	SA166	SA166-0.5B	6/11/2009	OPPs	1	333-41-5	Diazinon	0.0087	0.00435	mg/kg	0.0037	R4 Inverts	2	**1**
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OPPs	1	333-41-5	Diazinon	0.008	0.004	mg/kg	0.0037	R4 Inverts	2	**1**
DU-2	RSAP7	RSAP7-0.0B	10/27/2009	OPPs	1	333-41-5	Diazinon	0.0079	0.00395	mg/kg	0.0037	R4 Inverts	2	**1**
DU-3	SA128	SA128-10B	9/16/2009	OPPs	1	333-41-5	Diazinon	0.0079	0.00395	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	SA73	SA73-0.5B	7/29/2009	OPPs	1	333-41-5	Diazinon	0.0079	0.00395	mg/kg	0.0037	R4 Inverts	2	**1**
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OPPs	1	333-41-5	Diazinon	0.0078	0.0039	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OPPs	1	333-41-5	Diazinon	0.0078	0.0039	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	SA35	SA35-0.5B	6/10/2009	OPPs	1	333-41-5	Diazinon	0.0077	0.00385	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OPPs	1	333-41-5	Diazinon	0.0076	0.0038	mg/kg	0.0037	R4 Inverts	2	**1**
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OPPs	1	333-41-5	Diazinon	0.0076	0.0038	mg/kg	0.0037	R4 Inverts	2	**1**
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OPPs	1	333-41-5	Diazinon	0.0076	0.0038	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	SA176	SA176-0.5B	6/10/2009	OPPs	1	333-41-5	Diazinon	0.0076	0.0038	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	SA85	SA85-0.5B	6/16/2009	OPPs	1	333-41-5	Diazinon	0.0076	0.0038	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OPPs	1	333-41-5	Diazinon	0.0075	0.00375	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OPPs	1	333-41-5	Diazinon	0.0075	0.00375	mg/kg	0.0037	R4 Inverts	2	**1**

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OPPs	1	333-41-5	Diazinon	0.0075	0.00375	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OPPs	1	333-41-5	Diazinon	0.0075	0.00375	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	SA92	SA92-0.5B	6/17/2009	OPPs	1	333-41-5	Diazinon	0.0075	0.00375	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OPPs	1	333-41-5	Diazinon	0.0075	0.00375	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OPPs	1	333-41-5	Diazinon	0.0075	0.00375	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OPPs	1	333-41-5	Diazinon	0.0074	0.0037	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	OPPs	1	333-41-5	Diazinon	0.0074	0.0037	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	OPPs	1	333-41-5	Diazinon	0.0074	0.0037	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OPPs	1	333-41-5	Diazinon	0.0074	0.0037	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OPPs	1	333-41-5	Diazinon	0.0074	0.0037	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OPPs	1	333-41-5	Diazinon	0.0074	0.0037	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OPPs	1	333-41-5	Diazinon	0.0074	0.0037	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OPPs	1	333-41-5	Diazinon	0.0073	0.00365	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OPPs	1	333-41-5	Diazinon	0.0073	0.00365	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OPPs	1	333-41-5	Diazinon	0.0072	0.0036	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OPPs	1	333-41-5	Diazinon	0.0072	0.0036	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OPPs	1	333-41-5	Diazinon	0.0072	0.0036	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OPPs	1	333-41-5	Diazinon	0.0071	0.00355	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OPPs	1	333-41-5	Diazinon	0.0071	0.00355	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OPPs	1	333-41-5	Diazinon	0.007	0.0035	mg/kg	0.0037	R4 Inverts	2	0.9
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OPPs	1	333-41-5	Diazinon	0.007	0.0035	mg/kg	0.0037	R4 Inverts	2	0.9
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OPPs	1	333-41-5	Diazinon	0.0069	0.00345	mg/kg	0.0037	R4 Inverts	2	0.9
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OPPs	1	333-41-5	Diazinon	0.0069	0.00345	mg/kg	0.0037	R4 Inverts	2	0.9
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	60-57-1	Dieldrin	0.086	0.043	mg/kg	0.0049	Eco-SSL Mammals	20	9
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	60-57-1	Dieldrin	0.024	0.012	mg/kg	0.0049	Eco-SSL Mammals	5	2
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	60-57-1	Dieldrin	0.021	0.0105	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	60-57-1	Dieldrin	0.02	0.01	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	60-57-1	Dieldrin	0.019	0.0095	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	60-57-1	Dieldrin	0.011	0.0055	mg/kg	0.0049	Eco-SSL Mammals	2	**1**
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OCPs	5	60-57-1	Dieldrin	0.0078	0.0039	mg/kg	0.0049	Eco-SSL Mammals	2	0.8
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	60-57-1	Dieldrin	0.0059	0.00295	mg/kg	0.0049	Eco-SSL Mammals	**1**	0.6
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OCPs	1	60-57-1	Dieldrin	0.0047	0.00235	mg/kg	0.0049	Eco-SSL Mammals	**1**	0.5
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	OCPs	20	60-57-1	Dieldrin	0.0044	0.0022	mg/kg	0.0049	Eco-SSL Mammals	0.9	0.4
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	OCPs	2	60-57-1	Dieldrin	0.0036	0.0018	mg/kg	0.0049	Eco-SSL Mammals	0.7	0.4
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	OCPs	2	60-57-1	Dieldrin	0.0035	0.00175	mg/kg	0.0049	Eco-SSL Mammals	0.7	0.4
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OCPs	1	60-57-1	Dieldrin	0.0033	0.00165	mg/kg	0.0049	Eco-SSL Mammals	0.7	0.3
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	OCPs	1	60-57-1	Dieldrin	0.0019	0.00095	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OCPs	1	60-57-1	Dieldrin	0.0019	0.00095	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	OCPs	1	60-57-1	Dieldrin	0.0019	0.00095	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	OCPs	1	60-57-1	Dieldrin	0.0019	0.00095	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	OCPs	1	60-57-1	Dieldrin	0.0019	0.00095	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	SA12	SA12-0.5	11/10/2006	OCPs	1	60-57-1	Dieldrin	0.0019	0.00095	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	SA11	SA11-0.5D	11/9/2006	OCPs	1	60-57-1	Dieldrin	0.0019	0.00095	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-2	SA121	SA121-0.5B	9/25/2009	OCPs	1	60-57-1	Dieldrin	0.0019	0.00095	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-2	SA121	SA121009-0.5B	9/25/2009	OCPs	1	60-57-1	Dieldrin	0.0019	0.00095	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	OCPs	1	60-57-1	Dieldrin	0.0019	0.00095	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-3	SA128	SA128-10B	9/16/2009	OCPs	1	60-57-1	Dieldrin	0.0019	0.00095	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	SA18	SA18-0.5	11/15/2006	OCPs	1	60-57-1	Dieldrin	0.0019	0.00095	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	SA20	SA20-0.5	11/16/2006	OCPs	1	60-57-1	Dieldrin	0.0019	0.00095	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	SA73	SA73-0.5B	7/29/2009	OCPs	1	60-57-1	Dieldrin	0.0019	0.00095	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	SA19	SA19-0.5	11/16/2006	OCPs	1	60-57-1	Dieldrin	0.0019	0.00095	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	SA11	SA11-0.5	11/9/2006	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	RSAO7	RSAO7-9B	10/12/2009	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	SA18	SA18-0.5D	11/15/2006	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-2	SA02	SA2-0.5	11/3/2006	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	SA35	SA35-0.5B	6/10/2009	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-3	SA16	SA16-0.5	11/9/2006	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-2	SA07	SA7-0.5	11/20/2006	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-2	SA138	SA138-0.5B	10/6/2009	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	SA21	SA21-0.5	11/15/2006	OCPs	1	60-57-1	Dieldrin	0.0018	0.0009	mg/kg	0.0049	Eco-SSL Mammals	0.4	0.2
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	OCPs	1	60-57-1	Dieldrin	0.0017	0.00085	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	OCPs	1	60-57-1	Dieldrin	0.0015	0.00075	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OCPs	1	60-57-1	Dieldrin	0.0015	0.00075	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OCPs	1	60-57-1	Dieldrin	0.0015	0.00075	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	OCPs	1	60-57-1	Dieldrin	0.0015	0.00075	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OCPs	1	60-57-1	Dieldrin	0.0015	0.00075	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OCPs	1	60-57-1	Dieldrin	0.0015	0.00075	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OCPs	1	60-57-1	Dieldrin	0.0015	0.00075	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OCPs	1	60-57-1	Dieldrin	0.0015	0.00075	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	OCPs	1	60-57-1	Dieldrin	0.0015	0.00075	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OCPs	1	60-57-1	Dieldrin	0.0015	0.00075	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OCPs	1	60-57-1	Dieldrin	0.0015	0.00075	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OCPs	1	60-57-1	Dieldrin	0.0015	0.00075	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	OCPs	1	60-57-1	Dieldrin	0.0015	0.00075	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
DU-3	SSAM5-03	SSAM5-03-5BPC	5/4/2010	OCPs	5	60-57-1	Dieldrin	0.0013	0.00065	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.1
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	OCPs	10	60-57-1	Dieldrin	0.00079	0.000395	mg/kg	0.0049	Eco-SSL Mammals	0.2	0.08
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	OCPs	1	60-57-1	Dieldrin	0.00026	0.00013	mg/kg	0.0049	Eco-SSL Mammals	0.05	0.03
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	OCPs	1	60-57-1	Dieldrin	0.00026	0.00013	mg/kg	0.0049	Eco-SSL Mammals	0.05	0.03
DU-1	SA87	SA87-0.5B	6/25/2008	OCPs	1	60-57-1	Dieldrin	0.00026	0.00013	mg/kg	0.0049	Eco-SSL Mammals	0.05	0.03
DU-1	SA180	SA180-0.5B	6/26/2008	OCPs	20	60-57-1	Dieldrin	0.00026	0.00013	mg/kg	0.0049	Eco-SSL Mammals	0.05	0.03
DU-1	SA180	SA180-0.5BD	6/26/2008	OCPs	1	60-57-1	Dieldrin	0.00026	0.00013	mg/kg	0.0049	Eco-SSL Mammals	0.05	0.03
DU-1	SA67	SA67-0.5B	7/7/2008	OCPs	1	60-57-1	Dieldrin	0.00026	0.00013	mg/kg	0.0049	Eco-SSL Mammals	0.05	0.03
DU-1	SSAL3-05	SSAL3-05-1BPC	5/4/2010	OCPs	1	60-57-1	Dieldrin	0.00024	0.00012	mg/kg	0.0049	Eco-SSL Mammals	0.05	0.02
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	8/16/2010	OCPs	1	60-57-1	Dieldrin	0.00023	0.000115	mg/kg	0.0049	Eco-SSL Mammals	0.05	0.02
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	8/13/2010	OCPs	1	60-57-1	Dieldrin	0.00022	0.00011	mg/kg	0.0049	Eco-SSL Mammals	0.04	0.02
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	8/16/2010	OCPs	1	60-57-1	Dieldrin	0.00022	0.00011	mg/kg	0.0049	Eco-SSL Mammals	0.04	0.02
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	8/16/2010	OCPs	1	60-57-1	Dieldrin	0.00022	0.00011	mg/kg	0.0049	Eco-SSL Mammals	0.04	0.02
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	8/16/2010	OCPs	1	60-57-1	Dieldrin	0.00022	0.00011	mg/kg	0.0049	Eco-SSL Mammals	0.04	0.02
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	8/17/2010	OCPs	1	60-57-1	Dieldrin	0.00022	0.00011	mg/kg	0.0049	Eco-SSL Mammals	0.04	0.02
DU-1	CS-E14C-1	CS-E14C-1	6/2/2011	OCPs	1	60-57-1	Dieldrin	0.00022	0.00011	mg/kg	0.0049	Eco-SSL Mammals	0.04	0.02
DU-1	EE-E14C-1	EE-E14C-1	6/2/2011	OCPs	1	60-57-1	Dieldrin	0.00022	0.00011	mg/kg	0.0049	Eco-SSL Mammals	0.04	0.02
DU-1	SSAJ3-05	SSAJ3-05-8BPC	8/10/2010	OCPs	1	60-57-1	Dieldrin	0.00022	0.00011	mg/kg	0.0049	Eco-SSL Mammals	0.04	0.02
DU-1	SSAJ3-07	SSAJ3-07-5BPC	8/10/2010	OCPs	1	60-57-1	Dieldrin	0.00022	0.00011	mg/kg	0.0049	Eco-SSL Mammals	0.04	0.02
DU-1	SSAI3-02	SSAI3-02-14BPC	8/7/2010	OCPs	1	60-57-1	Dieldrin	0.00022	0.00011	mg/kg	0.0049	Eco-SSL Mammals	0.04	0.02
DU-1	DS-D27-1	DS-D27-1	4/14/2011	OCPs	1	60-57-1	Dieldrin	0.00021	0.000105	mg/kg	0.0049	Eco-SSL Mammals	0.04	0.02
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	8/16/2010	OCPs	1	60-57-1	Dieldrin	0.00021	0.000105	mg/kg	0.0049	Eco-SSL Mammals	0.04	0.02
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	8/13/2010	OCPs	1	60-57-1	Dieldrin	0.0002	0.0001	mg/kg	0.0049	Eco-SSL Mammals	0.04	0.02
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	OCPs	1	60-57-1	Dieldrin	0.000077	0.0000385	mg/kg	0.0049	Eco-SSL Mammals	0.02	0.008
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	OCPs	1	60-57-1	Dieldrin	0.000077	0.0000385	mg/kg	0.0049	Eco-SSL Mammals	0.02	0.008
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	OCPs	1	60-57-1	Dieldrin	0.000075	0.0000375	mg/kg	0.0049	Eco-SSL Mammals	0.02	0.008
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	OCPs	1	60-57-1	Dieldrin	0.000075	0.0000375	mg/kg	0.0049	Eco-SSL Mammals	0.02	0.008
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	OCPs	1	60-57-1	Dieldrin	0.000075	0.0000375	mg/kg	0.0049	Eco-SSL Mammals	0.02	0.008
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	959-98-8	Endosulfan I	0.044	0.022	mg/kg	0.0009	R4 Inverts	50	20
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	959-98-8	Endosulfan I	0.021	0.0105	mg/kg	0.0009	R4 Inverts	20	10
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	959-98-8	Endosulfan I	0.02	0.01	mg/kg	0.0009	R4 Inverts	20	10
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	959-98-8	Endosulfan I	0.02	0.01	mg/kg	0.0009	R4 Inverts	20	10
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	959-98-8	Endosulfan I	0.0095	0.00475	mg/kg	0.0009	R4 Inverts	10	5
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	959-98-8	Endosulfan I	0.0094	0.0047	mg/kg	0.0009	R4 Inverts	10	5
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	959-98-8	Endosulfan I	0.0091	0.00455	mg/kg	0.0009	R4 Inverts	10	5

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	959-98-8	Endosulfan I	0.0091	0.00455	mg/kg	0.0009	R4 Inverts	10	5
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	959-98-8	Endosulfan I	0.009	0.0045	mg/kg	0.0009	R4 Inverts	10	5
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	959-98-8	Endosulfan I	0.0089	0.00445	mg/kg	0.0009	R4 Inverts	10	5
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	959-98-8	Endosulfan I	0.0088	0.0044	mg/kg	0.0009	R4 Inverts	10	5
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	959-98-8	Endosulfan I	0.0088	0.0044	mg/kg	0.0009	R4 Inverts	10	5
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	959-98-8	Endosulfan I	0.0088	0.0044	mg/kg	0.0009	R4 Inverts	10	5
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	959-98-8	Endosulfan I	0.0088	0.0044	mg/kg	0.0009	R4 Inverts	10	5
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	959-98-8	Endosulfan I	0.0088	0.0044	mg/kg	0.0009	R4 Inverts	10	5
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	959-98-8	Endosulfan I	0.0087	0.00435	mg/kg	0.0009	R4 Inverts	10	5
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	959-98-8	Endosulfan I	0.0087	0.00435	mg/kg	0.0009	R4 Inverts	10	5
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	959-98-8	Endosulfan I	0.0087	0.00435	mg/kg	0.0009	R4 Inverts	10	5
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	959-98-8	Endosulfan I	0.0086	0.0043	mg/kg	0.0009	R4 Inverts	10	5
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OCPs	5	959-98-8	Endosulfan I	0.0078	0.0039	mg/kg	0.0009	R4 Inverts	9	4
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	959-98-8	Endosulfan I	0.0067	0.00335	mg/kg	0.0009	R4 Inverts	7	4
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OCPs	1	959-98-8	Endosulfan I	0.0047	0.00235	mg/kg	0.0009	R4 Inverts	5	3
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	OCPs	20	959-98-8	Endosulfan I	0.0037	0.00185	mg/kg	0.0009	R4 Inverts	4	2
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OCPs	1	959-98-8	Endosulfan I	0.0033	0.00165	mg/kg	0.0009	R4 Inverts	4	2
DU-1	SA12	SA12-0.5	11/10/2006	OCPs	1	959-98-8	Endosulfan I	0.0019	0.00095	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	SA11	SA11-0.5D	11/9/2006	OCPs	1	959-98-8	Endosulfan I	0.0019	0.00095	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	SA18	SA18-0.5	11/15/2006	OCPs	1	959-98-8	Endosulfan I	0.0019	0.00095	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	SA20	SA20-0.5	11/16/2006	OCPs	1	959-98-8	Endosulfan I	0.0019	0.00095	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	SA19	SA19-0.5	11/16/2006	OCPs	1	959-98-8	Endosulfan I	0.0019	0.00095	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	OCPs	2	959-98-8	Endosulfan I	0.0018	0.0009	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	OCPs	2	959-98-8	Endosulfan I	0.0018	0.0009	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	SA11	SA11-0.5	11/9/2006	OCPs	1	959-98-8	Endosulfan I	0.0018	0.0009	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	OCPs	2	959-98-8	Endosulfan I	0.0018	0.0009	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	SA11	SA11-0.5	11/9/2006	OCPs	1	959-98-8	Endosulfan I	0.0018	0.0009	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	SA18	SA18-0.5D	11/15/2006	OCPs	1	959-98-8	Endosulfan I	0.0018	0.0009	mg/kg	0.0009	R4 Inverts	2	**1**
DU-2	SA02	SA2-0.5	11/3/2006	OCPs	1	959-98-8	Endosulfan I	0.0018	0.0009	mg/kg	0.0009	R4 Inverts	2	**1**
DU-3	SA16	SA16-0.5	11/9/2006	OCPs	1	959-98-8	Endosulfan I	0.0018	0.0009	mg/kg	0.0009	R4 Inverts	2	**1**
DU-2	SA07	SA7-0.5	11/20/2006	OCPs	1	959-98-8	Endosulfan I	0.0018	0.0009	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	SA21	SA21-0.5	11/15/2006	OCPs	1	959-98-8	Endosulfan I	0.0018	0.0009	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	OCPs	1	959-98-8	Endosulfan I	0.0017	0.00085	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-3	SSAM5-03	SSAM5-03-5BPC	5/4/2010	OCPs	5	959-98-8	Endosulfan I	0.001	0.0005	mg/kg	0.0009	R4 Inverts	**1**	0.6
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	OCPs	1	959-98-8	Endosulfan I	0.00094	0.00047	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	OCPs	1	959-98-8	Endosulfan I	0.00093	0.000465	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OCPs	1	959-98-8	Endosulfan I	0.00092	0.00046	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	OCPs	1	959-98-8	Endosulfan I	0.00092	0.00046	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	SA121	SA121009-0.5B	9/25/2009	OCPs	1	959-98-8	Endosulfan I	0.00092	0.00046	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	SA121	SA121-0.5B	9/25/2009	OCPs	1	959-98-8	Endosulfan I	0.00092	0.00046	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	OCPs	1	959-98-8	Endosulfan I	0.00092	0.00046	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	OCPs	1	959-98-8	Endosulfan I	0.00091	0.000455	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAO7	RSAO7-9B	10/12/2009	OCPs	1	959-98-8	Endosulfan I	0.00091	0.000455	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-3	SA128	SA128-10B	9/16/2009	OCPs	1	959-98-8	Endosulfan I	0.00091	0.000455	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	SA73	SA73-0.5B	7/29/2009	OCPs	1	959-98-8	Endosulfan I	0.00091	0.000455	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	OCPs	10	959-98-8	Endosulfan I	0.00091	0.000455	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	SA73	SA73-0.5B	7/29/2009	OCPs	1	959-98-8	Endosulfan I	0.00091	0.000455	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	OCPs	10	959-98-8	Endosulfan I	0.00091	0.000455	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	OCPs	1	959-98-8	Endosulfan I	0.0009	0.00045	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	OCPs	1	959-98-8	Endosulfan I	0.0009	0.00045	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	SA35	SA35-0.5B	6/10/2009	OCPs	1	959-98-8	Endosulfan I	0.0009	0.00045	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	OCPs	1	959-98-8	Endosulfan I	0.00089	0.000445	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OCPs	1	959-98-8	Endosulfan I	0.00089	0.000445	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OCPs	1	959-98-8	Endosulfan I	0.00089	0.000445	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	SA138	SA138-0.5B	10/6/2009	OCPs	1	959-98-8	Endosulfan I	0.00089	0.000445	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	OCPs	1	959-98-8	Endosulfan I	0.00088	0.00044	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	OCPs	1	959-98-8	Endosulfan I	0.00088	0.00044	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OCPs	1	959-98-8	Endosulfan I	0.00088	0.00044	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	OCPs	1	959-98-8	Endosulfan I	0.00088	0.00044	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	OCPs	1	959-98-8	Endosulfan I	0.00088	0.00044	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	OCPs	1	959-98-8	Endosulfan I	0.00087	0.000435	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OCPs	1	959-98-8	Endosulfan I	0.00087	0.000435	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	OCPs	1	959-98-8	Endosulfan I	0.00087	0.000435	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	OCPs	1	959-98-8	Endosulfan I	0.00087	0.000435	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	SSAL3-05	SSAL3-05-1BPC	5/4/2010	OCPs	1	959-98-8	Endosulfan I	0.0002	0.0001	mg/kg	0.0009	R4 Inverts	0.2	0.1
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	8/16/2010	OCPs	1	959-98-8	Endosulfan I	0.00019	0.000095	mg/kg	0.0009	R4 Inverts	0.2	0.1
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	8/16/2010	OCPs	1	959-98-8	Endosulfan I	0.00019	0.000095	mg/kg	0.0009	R4 Inverts	0.2	0.1
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	8/16/2010	OCPs	1	959-98-8	Endosulfan I	0.00019	0.000095	mg/kg	0.0009	R4 Inverts	0.2	0.1
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	8/17/2010	OCPs	1	959-98-8	Endosulfan I	0.00019	0.000095	mg/kg	0.0009	R4 Inverts	0.2	0.1
DU-1	CS-E14C-1	CS-E14C-1	6/2/2011	OCPs	1	959-98-8	Endosulfan I	0.00019	0.000095	mg/kg	0.0009	R4 Inverts	0.2	0.1
DU-1	EE-E14C-1	EE-E14C-1	6/2/2011	OCPs	1	959-98-8	Endosulfan I	0.00019	0.000095	mg/kg	0.0009	R4 Inverts	0.2	0.1
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	8/13/2010	OCPs	1	959-98-8	Endosulfan I	0.00018	0.00009	mg/kg	0.0009	R4 Inverts	0.2	0.1
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	8/16/2010	OCPs	1	959-98-8	Endosulfan I	0.00018	0.00009	mg/kg	0.0009	R4 Inverts	0.2	0.1
DU-1	SSAJ3-05	SSAJ3-05-8BPC	8/10/2010	OCPs	1	959-98-8	Endosulfan I	0.00018	0.00009	mg/kg	0.0009	R4 Inverts	0.2	0.1
DU-1	SSAJ3-07	SSAJ3-07-5BPC	8/10/2010	OCPs	1	959-98-8	Endosulfan I	0.00018	0.00009	mg/kg	0.0009	R4 Inverts	0.2	0.1

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SSAI3-02	SSAI3-02-14BPC	8/7/2010	OCPs	1	959-98-8	Endosulfan I	0.00018	0.00009	mg/kg	0.0009	R4 Inverts	0.2	0.1
DU-1	DS-D27-1	DS-D27-1	4/14/2011	OCPs	1	959-98-8	Endosulfan I	0.00017	0.000085	mg/kg	0.0009	R4 Inverts	0.2	0.09
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	8/16/2010	OCPs	1	959-98-8	Endosulfan I	0.00017	0.000085	mg/kg	0.0009	R4 Inverts	0.2	0.09
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	8/13/2010	OCPs	1	959-98-8	Endosulfan I	0.00017	0.000085	mg/kg	0.0009	R4 Inverts	0.2	0.09
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	OCPs	1	959-98-8	Endosulfan I	0.0001	0.00005	mg/kg	0.0009	R4 Inverts	0.1	0.06
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	OCPs	1	959-98-8	Endosulfan I	0.0001	0.00005	mg/kg	0.0009	R4 Inverts	0.1	0.06
DU-1	SA87	SA87-0.5B	6/25/2008	OCPs	1	959-98-8	Endosulfan I	0.0001	0.00005	mg/kg	0.0009	R4 Inverts	0.1	0.06
DU-1	SA180	SA180-0.5BD	6/26/2008	OCPs	1	959-98-8	Endosulfan I	0.0001	0.00005	mg/kg	0.0009	R4 Inverts	0.1	0.06
DU-1	SA180	SA180-0.5B	6/26/2008	OCPs	20	959-98-8	Endosulfan I	0.0001	0.00005	mg/kg	0.0009	R4 Inverts	0.1	0.06
DU-1	SA67	SA67-0.5B	7/7/2008	OCPs	1	959-98-8	Endosulfan I	0.0001	0.00005	mg/kg	0.0009	R4 Inverts	0.1	0.06
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	OCPs	1	959-98-8	Endosulfan I	0.000089	0.0000445	mg/kg	0.0009	R4 Inverts	0.1	0.05
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	OCPs	1	959-98-8	Endosulfan I	0.000088	0.000044	mg/kg	0.0009	R4 Inverts	0.1	0.05
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	OCPs	1	959-98-8	Endosulfan I	0.000086	0.000043	mg/kg	0.0009	R4 Inverts	0.1	0.05
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	OCPs	1	959-98-8	Endosulfan I	0.000086	0.000043	mg/kg	0.0009	R4 Inverts	0.1	0.05
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	OCPs	1	959-98-8	Endosulfan I	0.000086	0.000043	mg/kg	0.0009	R4 Inverts	0.1	0.05
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	1031-07-8	Endosulfan sulfate	0.086	0.043	mg/kg	0.0007	R4 Inverts	100	60
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	1031-07-8	Endosulfan sulfate	0.031	0.0155	mg/kg	0.0007	R4 Inverts	40	20
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	1031-07-8	Endosulfan sulfate	0.021	0.0105	mg/kg	0.0007	R4 Inverts	30	20
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	1031-07-8	Endosulfan sulfate	0.02	0.01	mg/kg	0.0007	R4 Inverts	30	10
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.019	0.0095	mg/kg	0.0007	R4 Inverts	30	10
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	1031-07-8	Endosulfan sulfate	0.015	0.0075	mg/kg	0.0007	R4 Inverts	20	10
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OCPs	5	1031-07-8	Endosulfan sulfate	0.01	0.005	mg/kg	0.0007	R4 Inverts	10	7
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	1031-07-8	Endosulfan sulfate	0.0094	0.0047	mg/kg	0.0007	R4 Inverts	10	7
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0063	0.00315	mg/kg	0.0007	R4 Inverts	9	5
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	OCPs	20	1031-07-8	Endosulfan sulfate	0.0058	0.0029	mg/kg	0.0007	R4 Inverts	8	4
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0044	0.0022	mg/kg	0.0007	R4 Inverts	6	3
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	OCPs	2	1031-07-8	Endosulfan sulfate	0.0036	0.0018	mg/kg	0.0007	R4 Inverts	5	3
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	OCPs	2	1031-07-8	Endosulfan sulfate	0.0035	0.00175	mg/kg	0.0007	R4 Inverts	5	3
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	OCPs	1	1031-07-8	Endosulfan sulfate	0.0022	0.0011	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	OCPs	1	1031-07-8	Endosulfan sulfate	0.0022	0.0011	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	OCPs	1	1031-07-8	Endosulfan sulfate	0.0022	0.0011	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	OCPs	1	1031-07-8	Endosulfan sulfate	0.0022	0.0011	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	OCPs	1	1031-07-8	Endosulfan sulfate	0.0022	0.0011	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0022	0.0011	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0022	0.0011	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	SA12	SA12-0.5	11/10/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	SA121	SA121009-0.5B	9/25/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	SA11	SA11-0.5D	11/9/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	SA121	SA121-0.5B	9/25/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-3	SA128	SA128-10B	9/16/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	SA18	SA18-0.5	11/15/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	SA20	SA20-0.5	11/16/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	SA73	SA73-0.5B	7/29/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	SA19	SA19-0.5	11/16/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	SA11	SA11-0.5	11/9/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RSAO7	RSAO7-9B	10/12/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	SA18	SA18-0.5D	11/15/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	SA02	SA2-0.5	11/3/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	SA35	SA35-0.5B	6/10/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-3	SA16	SA16-0.5	11/9/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	SA07	SA7-0.5	11/20/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	SA138	SA138-0.5B	10/6/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	SA21	SA21-0.5	11/15/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-3	SSAM5-03	SSAM5-03-5BPC	5/4/2010	OCPs	5	1031-07-8	Endosulfan sulfate	0.0016	0.0008	mg/kg	0.0007	R4 Inverts	2	**1**
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	OCPs	10	1031-07-8	Endosulfan sulfate	0.0013	0.00065	mg/kg	0.0007	R4 Inverts	2	0.9
DU-1	SSAL3-05	SSAL3-05-1BPC	5/4/2010	OCPs	1	1031-07-8	Endosulfan sulfate	0.00032	0.00016	mg/kg	0.0007	R4 Inverts	0.5	0.2
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	8/16/2010	OCPs	1	1031-07-8	Endosulfan sulfate	0.0003	0.00015	mg/kg	0.0007	R4 Inverts	0.4	0.2
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	8/16/2010	OCPs	1	1031-07-8	Endosulfan sulfate	0.0003	0.00015	mg/kg	0.0007	R4 Inverts	0.4	0.2
DU-1	EE-E14C-1	EE-E14C-1	6/2/2011	OCPs	1	1031-07-8	Endosulfan sulfate	0.0003	0.00015	mg/kg	0.0007	R4 Inverts	0.4	0.2
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	8/13/2010	OCPs	1	1031-07-8	Endosulfan sulfate	0.00029	0.000145	mg/kg	0.0007	R4 Inverts	0.4	0.2
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	8/16/2010	OCPs	1	1031-07-8	Endosulfan sulfate	0.00029	0.000145	mg/kg	0.0007	R4 Inverts	0.4	0.2
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	8/17/2010	OCPs	1	1031-07-8	Endosulfan sulfate	0.00029	0.000145	mg/kg	0.0007	R4 Inverts	0.4	0.2
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	8/16/2010	OCPs	1	1031-07-8	Endosulfan sulfate	0.00029	0.000145	mg/kg	0.0007	R4 Inverts	0.4	0.2
DU-1	CS-E14C-1	CS-E14C-1	6/2/2011	OCPs	1	1031-07-8	Endosulfan sulfate	0.00029	0.000145	mg/kg	0.0007	R4 Inverts	0.4	0.2
DU-1	SSAJ3-05	SSAJ3-05-8BPC	8/10/2010	OCPs	1	1031-07-8	Endosulfan sulfate	0.00029	0.000145	mg/kg	0.0007	R4 Inverts	0.4	0.2
DU-1	SSAI3-02	SSAI3-02-14BPC	8/7/2010	OCPs	1	1031-07-8	Endosulfan sulfate	0.00029	0.000145	mg/kg	0.0007	R4 Inverts	0.4	0.2
DU-1	SSAJ3-07	SSAJ3-07-5BPC	8/10/2010	OCPs	1	1031-07-8	Endosulfan sulfate	0.00028	0.00014	mg/kg	0.0007	R4 Inverts	0.4	0.2
DU-1	DS-D27-1	DS-D27-1	4/14/2011	OCPs	1	1031-07-8	Endosulfan sulfate	0.00027	0.000135	mg/kg	0.0007	R4 Inverts	0.4	0.2
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	8/16/2010	OCPs	1	1031-07-8	Endosulfan sulfate	0.00027	0.000135	mg/kg	0.0007	R4 Inverts	0.4	0.2
DU-1	DS-D27-1	DS-D27-1	4/14/2011	OCPs	1	1031-07-8	Endosulfan sulfate	0.00027	0.000135	mg/kg	0.0007	R4 Inverts	0.4	0.2
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	8/16/2010	OCPs	1	1031-07-8	Endosulfan sulfate	0.00027	0.000135	mg/kg	0.0007	R4 Inverts	0.4	0.2
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	8/13/2010	OCPs	1	1031-07-8	Endosulfan sulfate	0.00027	0.000135	mg/kg	0.0007	R4 Inverts	0.4	0.2
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	OCPs	1	1031-07-8	Endosulfan sulfate	0.00012	0.00006	mg/kg	0.0007	R4 Inverts	0.2	0.09
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	OCPs	1	1031-07-8	Endosulfan sulfate	0.00012	0.00006	mg/kg	0.0007	R4 Inverts	0.2	0.09
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	OCPs	1	1031-07-8	Endosulfan sulfate	0.00012	0.00006	mg/kg	0.0007	R4 Inverts	0.2	0.09
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	OCPs	1	1031-07-8	Endosulfan sulfate	0.00012	0.00006	mg/kg	0.0007	R4 Inverts	0.2	0.09
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	OCPs	1	1031-07-8	Endosulfan sulfate	0.00012	0.00006	mg/kg	0.0007	R4 Inverts	0.2	0.09
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	OCPs	1	1031-07-8	Endosulfan sulfate	0.00009	0.000045	mg/kg	0.0007	R4 Inverts	0.1	0.06
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	OCPs	1	1031-07-8	Endosulfan sulfate	0.00009	0.000045	mg/kg	0.0007	R4 Inverts	0.1	0.06
DU-1	SA87	SA87-0.5B	6/25/2008	OCPs	1	1031-07-8	Endosulfan sulfate	0.00009	0.000045	mg/kg	0.0007	R4 Inverts	0.1	0.06
DU-1	SA180	SA180-0.5B	6/26/2008	OCPs	20	1031-07-8	Endosulfan sulfate	0.00009	0.000045	mg/kg	0.0007	R4 Inverts	0.1	0.06
DU-1	SA180	SA180-0.5BD	6/26/2008	OCPs	1	1031-07-8	Endosulfan sulfate	0.00009	0.000045	mg/kg	0.0007	R4 Inverts	0.1	0.06
DU-1	SA67	SA67-0.5B	7/7/2008	OCPs	1	1031-07-8	Endosulfan sulfate	0.00009	0.000045	mg/kg	0.0007	R4 Inverts	0.1	0.06
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	7421-93-4	Endrin aldehyde	0.086	0.043	mg/kg	0.0014	R4 endrin used as surrogate	60	30
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	7421-93-4	Endrin aldehyde	0.021	0.0105	mg/kg	0.0014	R4 endrin used as surrogate	20	8
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	7421-93-4	Endrin aldehyde	0.02	0.01	mg/kg	0.0014	R4 endrin used as surrogate	10	7
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.019	0.0095	mg/kg	0.0014	R4 endrin used as surrogate	10	7
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	7421-93-4	Endrin aldehyde	0.019	0.0095	mg/kg	0.0014	R4 endrin used as surrogate	10	7
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	7421-93-4	Endrin aldehyde	0.0092	0.0046	mg/kg	0.0014	R4 endrin used as surrogate	7	3
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	7421-93-4	Endrin aldehyde	0.0086	0.0043	mg/kg	0.0014	R4 endrin used as surrogate	6	3
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OCPs	5	7421-93-4	Endrin aldehyde	0.0078	0.0039	mg/kg	0.0014	R4 endrin used as surrogate	6	3
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0047	0.00235	mg/kg	0.0014	R4 endrin used as surrogate	3	2
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	OCPs	20	7421-93-4	Endrin aldehyde	0.0036	0.0018	mg/kg	0.0014	R4 endrin used as surrogate	3	**1**
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	OCPs	2	7421-93-4	Endrin aldehyde	0.0036	0.0018	mg/kg	0.0014	R4 endrin used as surrogate	3	**1**
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	OCPs	2	7421-93-4	Endrin aldehyde	0.0035	0.00175	mg/kg	0.0014	R4 endrin used as surrogate	3	**1**
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0033	0.00165	mg/kg	0.0014	R4 endrin used as surrogate	2	**1**
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-1	SA12	SA12-0.5	11/10/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-1	SA11	SA11-0.5D	11/9/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-2	SA121	SA121-0.5B	9/25/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-2	SA121	SA121009-0.5B	9/25/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-3	SA128	SA128-10B	9/16/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-1	SA18	SA18-0.5	11/15/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-1	SA20	SA20-0.5	11/16/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-1	SA73	SA73-0.5B	7/29/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-1	SA19	SA19-0.5	11/16/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	SA11	SA11-0.5	11/9/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAO7	RSAO7-9B	10/12/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	SA18	SA18-0.5D	11/15/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-2	SA02	SA2-0.5	11/3/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	SA35	SA35-0.5B	6/10/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-3	SA16	SA16-0.5	11/9/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-2	SA07	SA7-0.5	11/20/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-2	SA138	SA138-0.5B	10/6/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	SA21	SA21-0.5	11/15/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	OCPs	1	7421-93-4	Endrin aldehyde	0.0017	0.00085	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	OCPs	10	7421-93-4	Endrin aldehyde	0.0012	0.0006	mg/kg	0.0014	R4 endrin used as surrogate	0.9	0.4
DU-3	SSAM5-03	SSAM5-03-5BPC	5/4/2010	OCPs	5	7421-93-4	Endrin aldehyde	0.001	0.0005	mg/kg	0.0014	R4 endrin used as surrogate	0.7	0.4
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	OCPs	1	7421-93-4	Endrin aldehyde	0.00083	0.000415	mg/kg	0.0014	R4 endrin used as surrogate	0.6	0.3
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	OCPs	1	7421-93-4	Endrin aldehyde	0.00083	0.000415	mg/kg	0.0014	R4 endrin used as surrogate	0.6	0.3
DU-1	SA87	SA87-0.5B	6/25/2008	OCPs	1	7421-93-4	Endrin aldehyde	0.00083	0.000415	mg/kg	0.0014	R4 endrin used as surrogate	0.6	0.3
DU-1	SA180	SA180-0.5B	6/26/2008	OCPs	20	7421-93-4	Endrin aldehyde	0.00083	0.000415	mg/kg	0.0014	R4 endrin used as surrogate	0.6	0.3
DU-1	SA180	SA180-0.5BD	6/26/2008	OCPs	1	7421-93-4	Endrin aldehyde	0.00083	0.000415	mg/kg	0.0014	R4 endrin used as surrogate	0.6	0.3
DU-1	SA67	SA67-0.5B	7/7/2008	OCPs	1	7421-93-4	Endrin aldehyde	0.00083	0.000415	mg/kg	0.0014	R4 endrin used as surrogate	0.6	0.3
DU-1	SSAL3-05	SSAL3-05-1BPC	5/4/2010	OCPs	1	7421-93-4	Endrin aldehyde	0.0002	0.0001	mg/kg	0.0014	R4 endrin used as surrogate	0.1	0.07
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	8/16/2010	OCPs	1	7421-93-4	Endrin aldehyde	0.00019	0.000095	mg/kg	0.0014	R4 endrin used as surrogate	0.1	0.07
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	8/13/2010	OCPs	1	7421-93-4	Endrin aldehyde	0.00018	0.00009	mg/kg	0.0014	R4 endrin used as surrogate	0.1	0.06
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	8/16/2010	OCPs	1	7421-93-4	Endrin aldehyde	0.00018	0.00009	mg/kg	0.0014	R4 endrin used as surrogate	0.1	0.06
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	8/17/2010	OCPs	1	7421-93-4	Endrin aldehyde	0.00018	0.00009	mg/kg	0.0014	R4 endrin used as surrogate	0.1	0.06
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	8/16/2010	OCPs	1	7421-93-4	Endrin aldehyde	0.00018	0.00009	mg/kg	0.0014	R4 endrin used as surrogate	0.1	0.06
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	8/16/2010	OCPs	1	7421-93-4	Endrin aldehyde	0.00018	0.00009	mg/kg	0.0014	R4 endrin used as surrogate	0.1	0.06
DU-1	CS-E14C-1	CS-E14C-1	6/2/2011	OCPs	1	7421-93-4	Endrin aldehyde	0.00018	0.00009	mg/kg	0.0014	R4 endrin used as surrogate	0.1	0.06
DU-1	EE-E14C-1	EE-E14C-1	6/2/2011	OCPs	1	7421-93-4	Endrin aldehyde	0.00018	0.00009	mg/kg	0.0014	R4 endrin used as surrogate	0.1	0.06
DU-1	SSAJ3-05	SSAJ3-05-8BPC	8/10/2010	OCPs	1	7421-93-4	Endrin aldehyde	0.00018	0.00009	mg/kg	0.0014	R4 endrin used as surrogate	0.1	0.06
DU-1	SSAJ3-07	SSAJ3-07-5BPC	8/10/2010	OCPs	1	7421-93-4	Endrin aldehyde	0.00018	0.00009	mg/kg	0.0014	R4 endrin used as surrogate	0.1	0.06
DU-1	SSAI3-02	SSAI3-02-14BPC	8/7/2010	OCPs	1	7421-93-4	Endrin aldehyde	0.00018	0.00009	mg/kg	0.0014	R4 endrin used as surrogate	0.1	0.06
DU-1	DS-D27-1	DS-D27-1	4/14/2011	OCPs	1	7421-93-4	Endrin aldehyde	0.00017	0.000085	mg/kg	0.0014	R4 endrin used as surrogate	0.1	0.06

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	8/16/2010	OCPs	1	7421-93-4	Endrin aldehyde	0.00017	0.000085	mg/kg	0.0014	R4 endrin used as surrogate	0.1	0.06
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	8/13/2010	OCPs	1	7421-93-4	Endrin aldehyde	0.00016	0.00008	mg/kg	0.0014	R4 endrin used as surrogate	0.1	0.06
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	OCPs	1	7421-93-4	Endrin aldehyde	0.00011	0.000055	mg/kg	0.0014	R4 endrin used as surrogate	0.08	0.04
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	OCPs	1	7421-93-4	Endrin aldehyde	0.00011	0.000055	mg/kg	0.0014	R4 endrin used as surrogate	0.08	0.04
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	OCPs	1	7421-93-4	Endrin aldehyde	0.00011	0.000055	mg/kg	0.0014	R4 endrin used as surrogate	0.08	0.04
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	OCPs	1	7421-93-4	Endrin aldehyde	0.00011	0.000055	mg/kg	0.0014	R4 endrin used as surrogate	0.08	0.04
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	OCPs	1	7421-93-4	Endrin aldehyde	0.00011	0.000055	mg/kg	0.0014	R4 endrin used as surrogate	0.08	0.04
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	107-21-1	Ethylene glycol	42	21	mg/kg	0.31	R4 Inverts	100	70
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	58-89-9	gamma-BHC	0.052	0.026	mg/kg	0.0031	R4 Inverts	20	8
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	58-89-9	gamma-BHC	0.044	0.022	mg/kg	0.0031	R4 Inverts	10	7
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	58-89-9	gamma-BHC	0.025	0.0125	mg/kg	0.0031	R4 Inverts	8	4
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	58-89-9	gamma-BHC	0.021	0.0105	mg/kg	0.0031	R4 Inverts	7	3
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	58-89-9	gamma-BHC	0.02	0.01	mg/kg	0.0031	R4 Inverts	6	3
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	OCPs	20	58-89-9	gamma-BHC	0.0098	0.0049	mg/kg	0.0031	R4 Inverts	3	2
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	58-89-9	gamma-BHC	0.0094	0.0047	mg/kg	0.0031	R4 Inverts	3	2
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	58-89-9	gamma-BHC	0.0091	0.00455	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	58-89-9	gamma-BHC	0.0091	0.00455	mg/kg	0.0031	R4 Inverts	3	**1**
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	58-89-9	gamma-BHC	0.009	0.0045	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	58-89-9	gamma-BHC	0.0089	0.00445	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	58-89-9	gamma-BHC	0.0088	0.0044	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	58-89-9	gamma-BHC	0.0088	0.0044	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	58-89-9	gamma-BHC	0.0088	0.0044	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	58-89-9	gamma-BHC	0.0088	0.0044	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	58-89-9	gamma-BHC	0.0088	0.0044	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	58-89-9	gamma-BHC	0.0087	0.00435	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	58-89-9	gamma-BHC	0.0087	0.00435	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	58-89-9	gamma-BHC	0.0087	0.00435	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	58-89-9	gamma-BHC	0.0086	0.0043	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OCPs	5	58-89-9	gamma-BHC	0.0078	0.0039	mg/kg	0.0031	R4 Inverts	3	**1**
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	58-89-9	gamma-BHC	0.0067	0.00335	mg/kg	0.0031	R4 Inverts	2	**1**
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OCPs	1	58-89-9	gamma-BHC	0.0047	0.00235	mg/kg	0.0031	R4 Inverts	2	0.8
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OCPs	1	58-89-9	gamma-BHC	0.0033	0.00165	mg/kg	0.0031	R4 Inverts	**1**	0.5
DU-3	SSAM5-03	SSAM5-03-5BPC	5/4/2010	OCPs	5	58-89-9	gamma-BHC	0.0028	0.0014	mg/kg	0.0031	R4 Inverts	0.9	0.5
DU-1	SA12	SA12-0.5	11/10/2006	OCPs	1	58-89-9	gamma-BHC	0.0019	0.00095	mg/kg	0.0031	R4 Inverts	0.6	0.3
DU-1	SA11	SA11-0.5D	11/9/2006	OCPs	1	58-89-9	gamma-BHC	0.0019	0.00095	mg/kg	0.0031	R4 Inverts	0.6	0.3
DU-1	SA18	SA18-0.5	11/15/2006	OCPs	1	58-89-9	gamma-BHC	0.0019	0.00095	mg/kg	0.0031	R4 Inverts	0.6	0.3
DU-1	SA20	SA20-0.5	11/16/2006	OCPs	1	58-89-9	gamma-BHC	0.0019	0.00095	mg/kg	0.0031	R4 Inverts	0.6	0.3
DU-1	SA19	SA19-0.5	11/16/2006	OCPs	1	58-89-9	gamma-BHC	0.0019	0.00095	mg/kg	0.0031	R4 Inverts	0.6	0.3
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	OCPs	2	58-89-9	gamma-BHC	0.0018	0.0009	mg/kg	0.0031	R4 Inverts	0.6	0.3
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	OCPs	2	58-89-9	gamma-BHC	0.0018	0.0009	mg/kg	0.0031	R4 Inverts	0.6	0.3
DU-1	SA11	SA11-0.5	11/9/2006	OCPs	1	58-89-9	gamma-BHC	0.0018	0.0009	mg/kg	0.0031	R4 Inverts	0.6	0.3
DU-1	SA18	SA18-0.5D	11/15/2006	OCPs	1	58-89-9	gamma-BHC	0.0018	0.0009	mg/kg	0.0031	R4 Inverts	0.6	0.3
DU-2	SA02	SA2-0.5	11/3/2006	OCPs	1	58-89-9	gamma-BHC	0.0018	0.0009	mg/kg	0.0031	R4 Inverts	0.6	0.3
DU-3	SA16	SA16-0.5	11/9/2006	OCPs	1	58-89-9	gamma-BHC	0.0018	0.0009	mg/kg	0.0031	R4 Inverts	0.6	0.3
DU-2	SA07	SA7-0.5	11/20/2006	OCPs	1	58-89-9	gamma-BHC	0.0018	0.0009	mg/kg	0.0031	R4 Inverts	0.6	0.3
DU-1	SA21	SA21-0.5	11/15/2006	OCPs	1	58-89-9	gamma-BHC	0.0018	0.0009	mg/kg	0.0031	R4 Inverts	0.6	0.3
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	OCPs	1	58-89-9	gamma-BHC	0.0017	0.00085	mg/kg	0.0031	R4 Inverts	0.5	0.3
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	OCPs	1	58-89-9	gamma-BHC	0.0015	0.00075	mg/kg	0.0031	R4 Inverts	0.5	0.2
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OCPs	1	58-89-9	gamma-BHC	0.0015	0.00075	mg/kg	0.0031	R4 Inverts	0.5	0.2
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	OCPs	1	58-89-9	gamma-BHC	0.0015	0.00075	mg/kg	0.0031	R4 Inverts	0.5	0.2
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OCPs	1	58-89-9	gamma-BHC	0.0015	0.00075	mg/kg	0.0031	R4 Inverts	0.5	0.2
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OCPs	1	58-89-9	gamma-BHC	0.0015	0.00075	mg/kg	0.0031	R4 Inverts	0.5	0.2
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OCPs	1	58-89-9	gamma-BHC	0.0015	0.00075	mg/kg	0.0031	R4 Inverts	0.5	0.2
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OCPs	1	58-89-9	gamma-BHC	0.0015	0.00075	mg/kg	0.0031	R4 Inverts	0.5	0.2
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OCPs	1	58-89-9	gamma-BHC	0.0015	0.00075	mg/kg	0.0031	R4 Inverts	0.5	0.2
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	OCPs	1	58-89-9	gamma-BHC	0.0015	0.00075	mg/kg	0.0031	R4 Inverts	0.5	0.2
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OCPs	1	58-89-9	gamma-BHC	0.0015	0.00075	mg/kg	0.0031	R4 Inverts	0.5	0.2
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OCPs	1	58-89-9	gamma-BHC	0.0015	0.00075	mg/kg	0.0031	R4 Inverts	0.5	0.2
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OCPs	1	58-89-9	gamma-BHC	0.0015	0.00075	mg/kg	0.0031	R4 Inverts	0.5	0.2
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	OCPs	1	58-89-9	gamma-BHC	0.0015	0.00075	mg/kg	0.0031	R4 Inverts	0.5	0.2
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	OCPs	1	58-89-9	gamma-BHC	0.00094	0.00047	mg/kg	0.0031	R4 Inverts	0.3	0.2
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	OCPs	1	58-89-9	gamma-BHC	0.00093	0.000465	mg/kg	0.0031	R4 Inverts	0.3	0.2
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OCPs	1	58-89-9	gamma-BHC	0.00092	0.00046	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	OCPs	1	58-89-9	gamma-BHC	0.00092	0.00046	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-2	SA121	SA121-0.5B	9/25/2009	OCPs	1	58-89-9	gamma-BHC	0.00092	0.00046	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-2	SA121	SA121009-0.5B	9/25/2009	OCPs	1	58-89-9	gamma-BHC	0.00092	0.00046	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	OCPs	1	58-89-9	gamma-BHC	0.00092	0.00046	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	OCPs	1	58-89-9	gamma-BHC	0.00091	0.000455	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-1	RSAO7	RSAO7-9B	10/12/2009	OCPs	1	58-89-9	gamma-BHC	0.00091	0.000455	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-3	SA128	SA128-10B	9/16/2009	OCPs	1	58-89-9	gamma-BHC	0.00091	0.000455	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-1	SA73	SA73-0.5B	7/29/2009	OCPs	1	58-89-9	gamma-BHC	0.00091	0.000455	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	OCPs	10	58-89-9	gamma-BHC	0.00091	0.000455	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	OCPs	1	58-89-9	gamma-BHC	0.0009	0.00045	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	OCPs	1	58-89-9	gamma-BHC	0.0009	0.00045	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-1	SA35	SA35-0.5B	6/10/2009	OCPs	1	58-89-9	gamma-BHC	0.0009	0.00045	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	OCPs	1	58-89-9	gamma-BHC	0.00089	0.000445	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OCPs	1	58-89-9	gamma-BHC	0.00089	0.000445	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OCPs	1	58-89-9	gamma-BHC	0.00089	0.000445	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-2	SA138	SA138-0.5B	10/6/2009	OCPs	1	58-89-9	gamma-BHC	0.00089	0.000445	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	OCPs	1	58-89-9	gamma-BHC	0.00088	0.00044	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	OCPs	1	58-89-9	gamma-BHC	0.00088	0.00044	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	OCPs	1	58-89-9	gamma-BHC	0.00088	0.00044	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OCPs	1	58-89-9	gamma-BHC	0.00088	0.00044	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	OCPs	1	58-89-9	gamma-BHC	0.00088	0.00044	mg/kg	0.0031	R4 Inverts	0.3	0.1

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	OCPs	1	58-89-9	gamma-BHC	0.00087	0.000435	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OCPs	1	58-89-9	gamma-BHC	0.00087	0.000435	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	OCPs	1	58-89-9	gamma-BHC	0.00087	0.000435	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	OCPs	1	58-89-9	gamma-BHC	0.00087	0.000435	mg/kg	0.0031	R4 Inverts	0.3	0.1
DU-1	SSAL3-05	SSAL3-05-1BPC	5/4/2010	OCPs	1	58-89-9	gamma-BHC	0.00053	0.000265	mg/kg	0.0031	R4 Inverts	0.2	0.09
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	8/16/2010	OCPs	1	58-89-9	gamma-BHC	0.0005	0.00025	mg/kg	0.0031	R4 Inverts	0.2	0.08
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	8/16/2010	OCPs	1	58-89-9	gamma-BHC	0.0005	0.00025	mg/kg	0.0031	R4 Inverts	0.2	0.08
DU-1	EE-E14C-1	EE-E14C-1	6/2/2011	OCPs	1	58-89-9	gamma-BHC	0.0005	0.00025	mg/kg	0.0031	R4 Inverts	0.2	0.08
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	8/16/2010	OCPs	1	58-89-9	gamma-BHC	0.00049	0.000245	mg/kg	0.0031	R4 Inverts	0.2	0.08
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	8/17/2010	OCPs	1	58-89-9	gamma-BHC	0.00049	0.000245	mg/kg	0.0031	R4 Inverts	0.2	0.08
DU-1	CS-E14C-1	CS-E14C-1	6/2/2011	OCPs	1	58-89-9	gamma-BHC	0.00049	0.000245	mg/kg	0.0031	R4 Inverts	0.2	0.08
DU-1	SSAI3-02	SSAI3-02-14BPC	8/7/2010	OCPs	1	58-89-9	gamma-BHC	0.00049	0.000245	mg/kg	0.0031	R4 Inverts	0.2	0.08
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	8/13/2010	OCPs	1	58-89-9	gamma-BHC	0.00048	0.00024	mg/kg	0.0031	R4 Inverts	0.2	0.08
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	8/16/2010	OCPs	1	58-89-9	gamma-BHC	0.00048	0.00024	mg/kg	0.0031	R4 Inverts	0.2	0.08
DU-1	SSAJ3-05	SSAJ3-05-8BPC	8/10/2010	OCPs	1	58-89-9	gamma-BHC	0.00048	0.00024	mg/kg	0.0031	R4 Inverts	0.2	0.08
DU-1	SSAJ3-07	SSAJ3-07-5BPC	8/10/2010	OCPs	1	58-89-9	gamma-BHC	0.00048	0.00024	mg/kg	0.0031	R4 Inverts	0.2	0.08
DU-1	DS-D27-1	DS-D27-1	4/14/2011	OCPs	1	58-89-9	gamma-BHC	0.00046	0.00023	mg/kg	0.0031	R4 Inverts	0.1	0.07
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	8/16/2010	OCPs	1	58-89-9	gamma-BHC	0.00046	0.00023	mg/kg	0.0031	R4 Inverts	0.1	0.07
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	8/13/2010	OCPs	1	58-89-9	gamma-BHC	0.00045	0.000225	mg/kg	0.0031	R4 Inverts	0.1	0.07
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	OCPs	1	58-89-9	gamma-BHC	0.00012	0.00006	mg/kg	0.0031	R4 Inverts	0.04	0.02
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	OCPs	1	58-89-9	gamma-BHC	0.00012	0.00006	mg/kg	0.0031	R4 Inverts	0.04	0.02
DU-1	SA87	SA87-0.5B	6/25/2008	OCPs	1	58-89-9	gamma-BHC	0.00012	0.00006	mg/kg	0.0031	R4 Inverts	0.04	0.02
DU-1	SA180	SA180-0.5BD	6/26/2008	OCPs	1	58-89-9	gamma-BHC	0.00012	0.00006	mg/kg	0.0031	R4 Inverts	0.04	0.02
DU-1	SA180	SA180-0.5B	6/26/2008	OCPs	20	58-89-9	gamma-BHC	0.00012	0.00006	mg/kg	0.0031	R4 Inverts	0.04	0.02
DU-1	SA67	SA67-0.5B	7/7/2008	OCPs	1	58-89-9	gamma-BHC	0.00012	0.00006	mg/kg	0.0031	R4 Inverts	0.04	0.02
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	OCPs	1	58-89-9	gamma-BHC	0.000089	0.0000445	mg/kg	0.0031	R4 Inverts	0.03	0.01
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	OCPs	1	58-89-9	gamma-BHC	0.000088	0.000044	mg/kg	0.0031	R4 Inverts	0.03	0.01
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	OCPs	1	58-89-9	gamma-BHC	0.000086	0.000043	mg/kg	0.0031	R4 Inverts	0.03	0.01
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	OCPs	1	58-89-9	gamma-BHC	0.000086	0.000043	mg/kg	0.0031	R4 Inverts	0.03	0.01
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	OCPs	1	58-89-9	gamma-BHC	0.000086	0.000043	mg/kg	0.0031	R4 Inverts	0.03	0.01
DU-1	SA20	SA20-0.5D	11/16/2006	OPPs	1	86-50-0	Guthion	0.016	0.008	mg/kg	0.00006	R4 Inverts	300	100
DU-1	SA11	SA11-0.5D	11/9/2006	OPPs	1	86-50-0	Guthion	0.015	0.0075	mg/kg	0.00006	R4 Inverts	300	100
DU-1	SA12	SA12-0.5	11/10/2006	OPPs	1	86-50-0	Guthion	0.014	0.007	mg/kg	0.00006	R4 Inverts	200	100
DU-1	SA11	SA11-0.5	11/9/2006	OPPs	1	86-50-0	Guthion	0.014	0.007	mg/kg	0.00006	R4 Inverts	200	100
DU-1	SA18	SA18-0.5D	11/15/2006	OPPs	1	86-50-0	Guthion	0.014	0.007	mg/kg	0.00006	R4 Inverts	200	100
DU-1	SA18	SA18-0.5	11/15/2006	OPPs	1	86-50-0	Guthion	0.014	0.007	mg/kg	0.00006	R4 Inverts	200	100
DU-2	SA02	SA2-0.5	11/3/2006	OPPs	1	86-50-0	Guthion	0.014	0.007	mg/kg	0.00006	R4 Inverts	200	100
DU-1	SA20	SA20-0.5	11/16/2006	OPPs	1	86-50-0	Guthion	0.014	0.007	mg/kg	0.00006	R4 Inverts	200	100
DU-1	SA19	SA19-0.5	11/16/2006	OPPs	1	86-50-0	Guthion	0.014	0.007	mg/kg	0.00006	R4 Inverts	200	100
DU-3	SA16	SA16-0.5	11/9/2006	OPPs	1	86-50-0	Guthion	0.014	0.007	mg/kg	0.00006	R4 Inverts	200	100
DU-2	SA07	SA7-0.5	11/20/2006	OPPs	1	86-50-0	Guthion	0.014	0.007	mg/kg	0.00006	R4 Inverts	200	100
DU-1	SA21	SA21-0.5	11/15/2006	OPPs	1	86-50-0	Guthion	0.014	0.007	mg/kg	0.00006	R4 Inverts	200	100
DU-1	SA166	SA166-0.5B	6/11/2009	OPPs	1	86-50-0	Guthion	0.0042	0.0021	mg/kg	0.00006	R4 Inverts	70	40
DU-2	RSAP7	RSAP7-0.0B	10/27/2009	OPPs	1	86-50-0	Guthion	0.0038	0.0019	mg/kg	0.00006	R4 Inverts	60	30
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OPPs	1	86-50-0	Guthion	0.0038	0.0019	mg/kg	0.00006	R4 Inverts	60	30
DU-3	SA128	SA128-10B	9/16/2009	OPPs	1	86-50-0	Guthion	0.0038	0.0019	mg/kg	0.00006	R4 Inverts	60	30
DU-1	SA73	SA73-0.5B	7/29/2009	OPPs	1	86-50-0	Guthion	0.0038	0.0019	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OPPs	1	86-50-0	Guthion	0.0038	0.0019	mg/kg	0.00006	R4 Inverts	60	30
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OPPs	1	86-50-0	Guthion	0.0037	0.00185	mg/kg	0.00006	R4 Inverts	60	30
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OPPs	1	86-50-0	Guthion	0.0037	0.00185	mg/kg	0.00006	R4 Inverts	60	30
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OPPs	1	86-50-0	Guthion	0.0037	0.00185	mg/kg	0.00006	R4 Inverts	60	30
DU-1	SA176	SA176-0.5B	6/10/2009	OPPs	1	86-50-0	Guthion	0.0037	0.00185	mg/kg	0.00006	R4 Inverts	60	30

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA35	SA35-0.5B	6/10/2009	OPPs	1	86-50-0	Guthion	0.0037	0.00185	mg/kg	0.00006	R4 Inverts	60	30
DU-1	SA85	SA85-0.5B	6/16/2009	OPPs	1	86-50-0	Guthion	0.0037	0.00185	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	SA92	SA92-0.5B	6/17/2009	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OPPs	1	86-50-0	Guthion	0.0035	0.00175	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OPPs	1	86-50-0	Guthion	0.0035	0.00175	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	OPPs	1	86-50-0	Guthion	0.0035	0.00175	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OPPs	1	86-50-0	Guthion	0.0035	0.00175	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OPPs	1	86-50-0	Guthion	0.0035	0.00175	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OPPs	1	86-50-0	Guthion	0.0034	0.0017	mg/kg	0.00006	R4 Inverts	60	30
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OPPs	1	86-50-0	Guthion	0.0034	0.0017	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OPPs	1	86-50-0	Guthion	0.0034	0.0017	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OPPs	1	86-50-0	Guthion	0.0034	0.0017	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OPPs	1	86-50-0	Guthion	0.0034	0.0017	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OPPs	1	86-50-0	Guthion	0.0033	0.00165	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OPPs	1	86-50-0	Guthion	0.0033	0.00165	mg/kg	0.00006	R4 Inverts	60	30
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	76-44-8	Heptachlor	0.048	0.024	mg/kg	0.0016	R4 Inverts	30	20
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	76-44-8	Heptachlor	0.044	0.022	mg/kg	0.0016	R4 Inverts	30	10
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	76-44-8	Heptachlor	0.024	0.012	mg/kg	0.0016	R4 Inverts	20	8
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	76-44-8	Heptachlor	0.021	0.0105	mg/kg	0.0016	R4 Inverts	10	7
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	76-44-8	Heptachlor	0.02	0.01	mg/kg	0.0016	R4 Inverts	10	6
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	76-44-8	Heptachlor	0.012	0.006	mg/kg	0.0016	R4 Inverts	8	4
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OCPs	5	76-44-8	Heptachlor	0.01	0.005	mg/kg	0.0016	R4 Inverts	6	3
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	76-44-8	Heptachlor	0.0094	0.0047	mg/kg	0.0016	R4 Inverts	6	3
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	76-44-8	Heptachlor	0.0091	0.00455	mg/kg	0.0016	R4 Inverts	6	3
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	76-44-8	Heptachlor	0.0091	0.00455	mg/kg	0.0016	R4 Inverts	6	3
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	76-44-8	Heptachlor	0.009	0.0045	mg/kg	0.0016	R4 Inverts	6	3
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	76-44-8	Heptachlor	0.0089	0.00445	mg/kg	0.0016	R4 Inverts	6	3
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	76-44-8	Heptachlor	0.0088	0.0044	mg/kg	0.0016	R4 Inverts	6	3
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	76-44-8	Heptachlor	0.0088	0.0044	mg/kg	0.0016	R4 Inverts	6	3
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	76-44-8	Heptachlor	0.0088	0.0044	mg/kg	0.0016	R4 Inverts	6	3
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	76-44-8	Heptachlor	0.0088	0.0044	mg/kg	0.0016	R4 Inverts	6	3
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	76-44-8	Heptachlor	0.0088	0.0044	mg/kg	0.0016	R4 Inverts	6	3
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	76-44-8	Heptachlor	0.0087	0.00435	mg/kg	0.0016	R4 Inverts	5	3
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	76-44-8	Heptachlor	0.0087	0.00435	mg/kg	0.0016	R4 Inverts	5	3
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	76-44-8	Heptachlor	0.0087	0.00435	mg/kg	0.0016	R4 Inverts	5	3
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	76-44-8	Heptachlor	0.0086	0.0043	mg/kg	0.0016	R4 Inverts	5	3
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	OCPs	10	76-44-8	Heptachlor	0.0064	0.0032	mg/kg	0.0016	R4 Inverts	4	2
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OCPs	1	76-44-8	Heptachlor	0.0063	0.00315	mg/kg	0.0016	R4 Inverts	4	2
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	OCPs	20	76-44-8	Heptachlor	0.0045	0.00225	mg/kg	0.0016	R4 Inverts	3	**1**

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OCPs	1	76-44-8	Heptachlor	0.0044	0.0022	mg/kg	0.0016	R4 Inverts	3	**1**
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	OCPs	1	76-44-8	Heptachlor	0.0022	0.0011	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	OCPs	1	76-44-8	Heptachlor	0.0022	0.0011	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	OCPs	1	76-44-8	Heptachlor	0.0022	0.0011	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	OCPs	1	76-44-8	Heptachlor	0.0022	0.0011	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	OCPs	1	76-44-8	Heptachlor	0.0022	0.0011	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OCPs	1	76-44-8	Heptachlor	0.0022	0.0011	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OCPs	1	76-44-8	Heptachlor	0.0022	0.0011	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	OCPs	1	76-44-8	Heptachlor	0.002	0.001	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OCPs	1	76-44-8	Heptachlor	0.002	0.001	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OCPs	1	76-44-8	Heptachlor	0.002	0.001	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OCPs	1	76-44-8	Heptachlor	0.002	0.001	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OCPs	1	76-44-8	Heptachlor	0.002	0.001	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	OCPs	1	76-44-8	Heptachlor	0.002	0.001	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OCPs	1	76-44-8	Heptachlor	0.002	0.001	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OCPs	1	76-44-8	Heptachlor	0.002	0.001	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	SA12	SA12-0.5	11/10/2006	OCPs	1	76-44-8	Heptachlor	0.0019	0.00095	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	SA11	SA11-0.5D	11/9/2006	OCPs	1	76-44-8	Heptachlor	0.0019	0.00095	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	SA18	SA18-0.5	11/15/2006	OCPs	1	76-44-8	Heptachlor	0.0019	0.00095	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	SA20	SA20-0.5	11/16/2006	OCPs	1	76-44-8	Heptachlor	0.0019	0.00095	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	SA19	SA19-0.5	11/16/2006	OCPs	1	76-44-8	Heptachlor	0.0019	0.00095	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	OCPs	2	76-44-8	Heptachlor	0.0018	0.0009	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	OCPs	2	76-44-8	Heptachlor	0.0018	0.0009	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	SA11	SA11-0.5	11/9/2006	OCPs	1	76-44-8	Heptachlor	0.0018	0.0009	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	SA18	SA18-0.5D	11/15/2006	OCPs	1	76-44-8	Heptachlor	0.0018	0.0009	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-2	SA02	SA2-0.5	11/3/2006	OCPs	1	76-44-8	Heptachlor	0.0018	0.0009	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-3	SA16	SA16-0.5	11/9/2006	OCPs	1	76-44-8	Heptachlor	0.0018	0.0009	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-2	SA07	SA7-0.5	11/20/2006	OCPs	1	76-44-8	Heptachlor	0.0018	0.0009	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	SA21	SA21-0.5	11/15/2006	OCPs	1	76-44-8	Heptachlor	0.0018	0.0009	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-3	SSAM5-03	SSAM5-03-5BPC	5/4/2010	OCPs	5	76-44-8	Heptachlor	0.0013	0.00065	mg/kg	0.0016	R4 Inverts	0.8	0.4
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	OCPs	1	76-44-8	Heptachlor	0.00094	0.00047	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	OCPs	1	76-44-8	Heptachlor	0.00093	0.000465	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OCPs	1	76-44-8	Heptachlor	0.00092	0.00046	mg/kg	0.0016	R4 Inverts	0.6	0.3

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	OCPs	1	76-44-8	Heptachlor	0.00092	0.00046	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-2	SA121	SA121-0.5B	9/25/2009	OCPs	1	76-44-8	Heptachlor	0.00092	0.00046	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-2	SA121	SA121009-0.5B	9/25/2009	OCPs	1	76-44-8	Heptachlor	0.00092	0.00046	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	OCPs	1	76-44-8	Heptachlor	0.00092	0.00046	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	OCPs	1	76-44-8	Heptachlor	0.00091	0.000455	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-1	RSAO7	RSAO7-9B	10/12/2009	OCPs	1	76-44-8	Heptachlor	0.00091	0.000455	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-3	SA128	SA128-10B	9/16/2009	OCPs	1	76-44-8	Heptachlor	0.00091	0.000455	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-1	SA73	SA73-0.5B	7/29/2009	OCPs	1	76-44-8	Heptachlor	0.00091	0.000455	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	OCPs	1	76-44-8	Heptachlor	0.0009	0.00045	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	OCPs	1	76-44-8	Heptachlor	0.0009	0.00045	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-1	SA35	SA35-0.5B	6/10/2009	OCPs	1	76-44-8	Heptachlor	0.0009	0.00045	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	OCPs	1	76-44-8	Heptachlor	0.00089	0.000445	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OCPs	1	76-44-8	Heptachlor	0.00089	0.000445	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OCPs	1	76-44-8	Heptachlor	0.00089	0.000445	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-2	SA138	SA138-0.5B	10/6/2009	OCPs	1	76-44-8	Heptachlor	0.00089	0.000445	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	OCPs	1	76-44-8	Heptachlor	0.00088	0.00044	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	OCPs	1	76-44-8	Heptachlor	0.00088	0.00044	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	OCPs	1	76-44-8	Heptachlor	0.00088	0.00044	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	OCPs	1	76-44-8	Heptachlor	0.00088	0.00044	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OCPs	1	76-44-8	Heptachlor	0.00088	0.00044	mg/kg	0.0016	R4 Inverts	0.6	0.3
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	OCPs	1	76-44-8	Heptachlor	0.00087	0.000435	mg/kg	0.0016	R4 Inverts	0.5	0.3
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OCPs	1	76-44-8	Heptachlor	0.00087	0.000435	mg/kg	0.0016	R4 Inverts	0.5	0.3
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	OCPs	1	76-44-8	Heptachlor	0.00087	0.000435	mg/kg	0.0016	R4 Inverts	0.5	0.3
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	OCPs	1	76-44-8	Heptachlor	0.00087	0.000435	mg/kg	0.0016	R4 Inverts	0.5	0.3
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	OCPs	1	76-44-8	Heptachlor	0.00063	0.000315	mg/kg	0.0016	R4 Inverts	0.4	0.2
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	OCPs	1	76-44-8	Heptachlor	0.00062	0.00031	mg/kg	0.0016	R4 Inverts	0.4	0.2
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	OCPs	1	76-44-8	Heptachlor	0.00061	0.000305	mg/kg	0.0016	R4 Inverts	0.4	0.2
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	OCPs	1	76-44-8	Heptachlor	0.00061	0.000305	mg/kg	0.0016	R4 Inverts	0.4	0.2
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	OCPs	1	76-44-8	Heptachlor	0.00061	0.000305	mg/kg	0.0016	R4 Inverts	0.4	0.2
DU-1	SSAL3-05	SSAL3-05-1BPC	5/4/2010	OCPs	1	76-44-8	Heptachlor	0.00025	0.000125	mg/kg	0.0016	R4 Inverts	0.2	0.08
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	8/16/2010	OCPs	1	76-44-8	Heptachlor	0.00023	0.000115	mg/kg	0.0016	R4 Inverts	0.1	0.07
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	8/16/2010	OCPs	1	76-44-8	Heptachlor	0.00023	0.000115	mg/kg	0.0016	R4 Inverts	0.1	0.07
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	8/16/2010	OCPs	1	76-44-8	Heptachlor	0.00023	0.000115	mg/kg	0.0016	R4 Inverts	0.1	0.07
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	8/17/2010	OCPs	1	76-44-8	Heptachlor	0.00023	0.000115	mg/kg	0.0016	R4 Inverts	0.1	0.07
DU-1	CS-E14C-1	CS-E14C-1	6/2/2011	OCPs	1	76-44-8	Heptachlor	0.00023	0.000115	mg/kg	0.0016	R4 Inverts	0.1	0.07
DU-1	EE-E14C-1	EE-E14C-1	6/2/2011	OCPs	1	76-44-8	Heptachlor	0.00023	0.000115	mg/kg	0.0016	R4 Inverts	0.1	0.07
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	8/13/2010	OCPs	1	76-44-8	Heptachlor	0.00022	0.00011	mg/kg	0.0016	R4 Inverts	0.1	0.07
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	8/16/2010	OCPs	1	76-44-8	Heptachlor	0.00022	0.00011	mg/kg	0.0016	R4 Inverts	0.1	0.07
DU-1	SSAJ3-05	SSAJ3-05-8BPC	8/10/2010	OCPs	1	76-44-8	Heptachlor	0.00022	0.00011	mg/kg	0.0016	R4 Inverts	0.1	0.07
DU-1	SSAJ3-07	SSAJ3-07-5BPC	8/10/2010	OCPs	1	76-44-8	Heptachlor	0.00022	0.00011	mg/kg	0.0016	R4 Inverts	0.1	0.07
DU-1	SSAI3-02	SSAI3-02-14BPC	8/7/2010	OCPs	1	76-44-8	Heptachlor	0.00022	0.00011	mg/kg	0.0016	R4 Inverts	0.1	0.07
DU-1	DS-D27-1	DS-D27-1	4/14/2011	OCPs	1	76-44-8	Heptachlor	0.00021	0.000105	mg/kg	0.0016	R4 Inverts	0.1	0.07
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	8/16/2010	OCPs	1	76-44-8	Heptachlor	0.00021	0.000105	mg/kg	0.0016	R4 Inverts	0.1	0.07
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	8/13/2010	OCPs	1	76-44-8	Heptachlor	0.00021	0.000105	mg/kg	0.0016	R4 Inverts	0.1	0.07
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	OCPs	1	76-44-8	Heptachlor	0.000088	0.000044	mg/kg	0.0016	R4 Inverts	0.06	0.03
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	OCPs	1	76-44-8	Heptachlor	0.000088	0.000044	mg/kg	0.0016	R4 Inverts	0.06	0.03
DU-1	SA87	SA87-0.5B	6/25/2008	OCPs	1	76-44-8	Heptachlor	0.000088	0.000044	mg/kg	0.0016	R4 Inverts	0.06	0.03
DU-1	SA180	SA180-0.5BD	6/26/2008	OCPs	1	76-44-8	Heptachlor	0.000088	0.000044	mg/kg	0.0016	R4 Inverts	0.06	0.03
DU-1	SA180	SA180-0.5B	6/26/2008	OCPs	20	76-44-8	Heptachlor	0.000088	0.000044	mg/kg	0.0016	R4 Inverts	0.06	0.03
DU-1	SA67	SA67-0.5B	7/7/2008	OCPs	1	76-44-8	Heptachlor	0.000088	0.000044	mg/kg	0.0016	R4 Inverts	0.06	0.03
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	1024-57-3	Heptachlor epoxide	0.048	0.024	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	1024-57-3	Heptachlor epoxide	0.044	0.022	mg/kg	0.00015	R4 Inverts	300	100

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	1024-57-3	Heptachlor epoxide	0.023	0.0115	mg/kg	0.00015	R4 Inverts	200	80
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	1024-57-3	Heptachlor epoxide	0.021	0.0105	mg/kg	0.00015	R4 Inverts	100	70
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	1024-57-3	Heptachlor epoxide	0.02	0.01	mg/kg	0.00015	R4 Inverts	100	70
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OCPs	5	1024-57-3	Heptachlor epoxide	0.01	0.005	mg/kg	0.00015	R4 Inverts	70	30
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0094	0.0047	mg/kg	0.00015	R4 Inverts	60	30
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	1024-57-3	Heptachlor epoxide	0.0093	0.00465	mg/kg	0.00015	R4 Inverts	60	30
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0091	0.00455	mg/kg	0.00015	R4 Inverts	60	30
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0091	0.00455	mg/kg	0.00015	R4 Inverts	60	30
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	OCPs	20	1024-57-3	Heptachlor epoxide	0.009	0.0045	mg/kg	0.00015	R4 Inverts	60	30
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.009	0.0045	mg/kg	0.00015	R4 Inverts	60	30
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0089	0.00445	mg/kg	0.00015	R4 Inverts	60	30
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0088	0.0044	mg/kg	0.00015	R4 Inverts	60	30
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0088	0.0044	mg/kg	0.00015	R4 Inverts	60	30
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0088	0.0044	mg/kg	0.00015	R4 Inverts	60	30
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0088	0.0044	mg/kg	0.00015	R4 Inverts	60	30
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0088	0.0044	mg/kg	0.00015	R4 Inverts	60	30
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0087	0.00435	mg/kg	0.00015	R4 Inverts	60	30
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0087	0.00435	mg/kg	0.00015	R4 Inverts	60	30
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0087	0.00435	mg/kg	0.00015	R4 Inverts	60	30
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0086	0.0043	mg/kg	0.00015	R4 Inverts	60	30
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0063	0.00315	mg/kg	0.00015	R4 Inverts	40	20
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0044	0.0022	mg/kg	0.00015	R4 Inverts	30	10
DU-3	SSAM5-03	SSAM5-03-5BPC	5/4/2010	OCPs	5	1024-57-3	Heptachlor epoxide	0.0025	0.00125	mg/kg	0.00015	R4 Inverts	20	8
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	OCPs	1	1024-57-3	Heptachlor epoxide	0.0022	0.0011	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	OCPs	1	1024-57-3	Heptachlor epoxide	0.0022	0.0011	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	OCPs	1	1024-57-3	Heptachlor epoxide	0.0022	0.0011	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	OCPs	1	1024-57-3	Heptachlor epoxide	0.0022	0.0011	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	OCPs	1	1024-57-3	Heptachlor epoxide	0.0022	0.0011	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0022	0.0011	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0022	0.0011	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	OCPs	1	1024-57-3	Heptachlor epoxide	0.002	0.001	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.002	0.001	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.002	0.001	mg/kg	0.00015	R4 Inverts	10	7

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.002	0.001	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.002	0.001	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.002	0.001	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.002	0.001	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.002	0.001	mg/kg	0.00015	R4 Inverts	10	7
DU-1	SA12	SA12-0.5	11/10/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0019	0.00095	mg/kg	0.00015	R4 Inverts	10	6
DU-1	SA11	SA11-0.5D	11/9/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0019	0.00095	mg/kg	0.00015	R4 Inverts	10	6
DU-1	SA18	SA18-0.5	11/15/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0019	0.00095	mg/kg	0.00015	R4 Inverts	10	6
DU-1	SA20	SA20-0.5	11/16/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0019	0.00095	mg/kg	0.00015	R4 Inverts	10	6
DU-1	SA19	SA19-0.5	11/16/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0019	0.00095	mg/kg	0.00015	R4 Inverts	10	6
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	OCPs	2	1024-57-3	Heptachlor epoxide	0.0018	0.0009	mg/kg	0.00015	R4 Inverts	10	6
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	OCPs	2	1024-57-3	Heptachlor epoxide	0.0018	0.0009	mg/kg	0.00015	R4 Inverts	10	6
DU-1	SA11	SA11-0.5	11/9/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0018	0.0009	mg/kg	0.00015	R4 Inverts	10	6
DU-1	SA18	SA18-0.5D	11/15/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0018	0.0009	mg/kg	0.00015	R4 Inverts	10	6
DU-2	SA02	SA2-0.5	11/3/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0018	0.0009	mg/kg	0.00015	R4 Inverts	10	6
DU-3	SA16	SA16-0.5	11/9/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0018	0.0009	mg/kg	0.00015	R4 Inverts	10	6
DU-2	SA07	SA7-0.5	11/20/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0018	0.0009	mg/kg	0.00015	R4 Inverts	10	6
DU-1	SA21	SA21-0.5	11/15/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0018	0.0009	mg/kg	0.00015	R4 Inverts	10	6
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	OCPs	10	1024-57-3	Heptachlor epoxide	0.0013	0.00065	mg/kg	0.00015	R4 Inverts	9	4
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00094	0.00047	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00093	0.000465	mg/kg	0.00015	R4 Inverts	6	3
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00092	0.00046	mg/kg	0.00015	R4 Inverts	6	3
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00092	0.00046	mg/kg	0.00015	R4 Inverts	6	3
DU-2	SA121	SA121-0.5B	9/25/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00092	0.00046	mg/kg	0.00015	R4 Inverts	6	3
DU-2	SA121	SA121009-0.5B	9/25/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00092	0.00046	mg/kg	0.00015	R4 Inverts	6	3
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00092	0.00046	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00091	0.000455	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAO7	RSAO7-9B	10/12/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00091	0.000455	mg/kg	0.00015	R4 Inverts	6	3
DU-3	SA128	SA128-10B	9/16/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00091	0.000455	mg/kg	0.00015	R4 Inverts	6	3
DU-1	SA73	SA73-0.5B	7/29/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00091	0.000455	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.0009	0.00045	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.0009	0.00045	mg/kg	0.00015	R4 Inverts	6	3
DU-1	SA35	SA35-0.5B	6/10/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.0009	0.00045	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00089	0.000445	mg/kg	0.00015	R4 Inverts	6	3
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00089	0.000445	mg/kg	0.00015	R4 Inverts	6	3
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00089	0.000445	mg/kg	0.00015	R4 Inverts	6	3
DU-2	SA138	SA138-0.5B	10/6/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00089	0.000445	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00088	0.00044	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00088	0.00044	mg/kg	0.00015	R4 Inverts	6	3
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00088	0.00044	mg/kg	0.00015	R4 Inverts	6	3
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00088	0.00044	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00088	0.00044	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00087	0.000435	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00087	0.000435	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00087	0.000435	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00087	0.000435	mg/kg	0.00015	R4 Inverts	6	3
DU-1	SSAL3-05	SSAL3-05-1BPC	5/4/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00049	0.000245	mg/kg	0.00015	R4 Inverts	3	2
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	8/16/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00046	0.00023	mg/kg	0.00015	R4 Inverts	3	2
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	8/16/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00046	0.00023	mg/kg	0.00015	R4 Inverts	3	2
DU-1	EE-E14C-1	EE-E14C-1	6/2/2011	OCPs	1	1024-57-3	Heptachlor epoxide	0.00046	0.00023	mg/kg	0.00015	R4 Inverts	3	2
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	8/16/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00045	0.000225	mg/kg	0.00015	R4 Inverts	3	2
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	8/17/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00045	0.000225	mg/kg	0.00015	R4 Inverts	3	2

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	CS-E14C-1	CS-E14C-1	6/2/2011	OCPs	1	1024-57-3	Heptachlor epoxide	0.00045	0.000225	mg/kg	0.00015	R4 Inverts	3	2
DU-1	SSAI3-02	SSAI3-02-14BPC	8/7/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00045	0.000225	mg/kg	0.00015	R4 Inverts	3	2
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	8/13/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00044	0.00022	mg/kg	0.00015	R4 Inverts	3	**1**
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	8/16/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00044	0.00022	mg/kg	0.00015	R4 Inverts	3	**1**
DU-1	SSAJ3-05	SSAJ3-05-8BPC	8/10/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00044	0.00022	mg/kg	0.00015	R4 Inverts	3	**1**
DU-1	SSAJ3-07	SSAJ3-07-5BPC	8/10/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00044	0.00022	mg/kg	0.00015	R4 Inverts	3	**1**
DU-1	DS-D27-1	DS-D27-1	4/14/2011	OCPs	1	1024-57-3	Heptachlor epoxide	0.00042	0.00021	mg/kg	0.00015	R4 Inverts	3	**1**
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	8/16/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00042	0.00021	mg/kg	0.00015	R4 Inverts	3	**1**
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	8/13/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00041	0.000205	mg/kg	0.00015	R4 Inverts	3	**1**
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	OCPs	1	1024-57-3	Heptachlor epoxide	0.00012	0.00006	mg/kg	0.00015	R4 Inverts	0.8	0.4
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	OCPs	1	1024-57-3	Heptachlor epoxide	0.00012	0.00006	mg/kg	0.00015	R4 Inverts	0.8	0.4
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	OCPs	1	1024-57-3	Heptachlor epoxide	0.00012	0.00006	mg/kg	0.00015	R4 Inverts	0.8	0.4
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	OCPs	1	1024-57-3	Heptachlor epoxide	0.00012	0.00006	mg/kg	0.00015	R4 Inverts	0.8	0.4
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	OCPs	1	1024-57-3	Heptachlor epoxide	0.00012	0.00006	mg/kg	0.00015	R4 Inverts	0.8	0.4
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	OCPs	1	1024-57-3	Heptachlor epoxide	0.00011	0.000055	mg/kg	0.00015	R4 Inverts	0.7	0.4
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	OCPs	1	1024-57-3	Heptachlor epoxide	0.00011	0.000055	mg/kg	0.00015	R4 Inverts	0.7	0.4
DU-1	SA87	SA87-0.5B	6/25/2008	OCPs	1	1024-57-3	Heptachlor epoxide	0.00011	0.000055	mg/kg	0.00015	R4 Inverts	0.7	0.4
DU-1	SA180	SA180-0.5B	6/26/2008	OCPs	20	1024-57-3	Heptachlor epoxide	0.00011	0.000055	mg/kg	0.00015	R4 Inverts	0.7	0.4
DU-1	SA180	SA180-0.5BD	6/26/2008	OCPs	1	1024-57-3	Heptachlor epoxide	0.00011	0.000055	mg/kg	0.00015	R4 Inverts	0.7	0.4
DU-1	SA67	SA67-0.5B	7/7/2008	OCPs	1	1024-57-3	Heptachlor epoxide	0.00011	0.000055	mg/kg	0.00015	R4 Inverts	0.7	0.4
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	77-47-4	Hexachlorocyclopentadiene	4.1	2.05	mg/kg	0.001	R4 Inverts	4000	2000
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	77-47-4	Hexachlorocyclopentadiene	1.6	0.8	mg/kg	0.001	R4 Inverts	2000	800
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	SVOCs	4	77-47-4	Hexachlorocyclopentadiene	0.53	0.265	mg/kg	0.001	R4 Inverts	500	300
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.36	0.18	mg/kg	0.001	R4 Inverts	400	200
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.35	0.175	mg/kg	0.001	R4 Inverts	400	200
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.35	0.175	mg/kg	0.001	R4 Inverts	400	200
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.34	0.17	mg/kg	0.001	R4 Inverts	300	200
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.34	0.17	mg/kg	0.001	R4 Inverts	300	200
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.34	0.17	mg/kg	0.001	R4 Inverts	300	200
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.33	0.165	mg/kg	0.001	R4 Inverts	300	200
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.31	0.155	mg/kg	0.001	R4 Inverts	300	200
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.31	0.155	mg/kg	0.001	R4 Inverts	300	200
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.29	0.145	mg/kg	0.001	R4 Inverts	300	100
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	77-47-4	Hexachlorocyclopentadiene	0.29	0.145	mg/kg	0.001	R4 Inverts	300	100
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	77-47-4	Hexachlorocyclopentadiene	0.28	0.14	mg/kg	0.001	R4 Inverts	300	100
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.13	0.065	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.13	0.065	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.13	0.065	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.13	0.065	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.13	0.065	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.13	0.065	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	67-72-1	Hexachloroethane	4.1	2.05	mg/kg	0.024	R4 Inverts	200	90
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	67-72-1	Hexachloroethane	1.6	0.8	mg/kg	0.024	R4 Inverts	70	30
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	SVOCs	4	67-72-1	Hexachloroethane	0.53	0.265	mg/kg	0.024	R4 Inverts	20	10
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	67-72-1	Hexachloroethane	0.31	0.155	mg/kg	0.024	R4 Inverts	10	6
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	67-72-1	Hexachloroethane	0.31	0.155	mg/kg	0.024	R4 Inverts	10	6
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	67-72-1	Hexachloroethane	0.29	0.145	mg/kg	0.024	R4 Inverts	10	6
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	67-72-1	Hexachloroethane	0.29	0.145	mg/kg	0.024	R4 Inverts	10	6
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	67-72-1	Hexachloroethane	0.28	0.14	mg/kg	0.024	R4 Inverts	10	6
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	67-72-1	Hexachloroethane	0.13	0.065	mg/kg	0.024	R4 Inverts	5	3
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	67-72-1	Hexachloroethane	0.13	0.065	mg/kg	0.024	R4 Inverts	5	3
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	67-72-1	Hexachloroethane	0.13	0.065	mg/kg	0.024	R4 Inverts	5	3
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	67-72-1	Hexachloroethane	0.13	0.065	mg/kg	0.024	R4 Inverts	5	3
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	67-72-1	Hexachloroethane	0.13	0.065	mg/kg	0.024	R4 Inverts	5	3

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	67-72-1	Hexachloroethane	0.13	0.065	mg/kg	0.024	R4 Inverts	5	3
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	67-72-1	Hexachloroethane	0.036	0.018	mg/kg	0.024	R4 Inverts	2	0.8
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	67-72-1	Hexachloroethane	0.035	0.0175	mg/kg	0.024	R4 Inverts	**1**	0.7
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	67-72-1	Hexachloroethane	0.035	0.0175	mg/kg	0.024	R4 Inverts	**1**	0.7
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	67-72-1	Hexachloroethane	0.034	0.017	mg/kg	0.024	R4 Inverts	**1**	0.7
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	67-72-1	Hexachloroethane	0.034	0.017	mg/kg	0.024	R4 Inverts	**1**	0.7
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	67-72-1	Hexachloroethane	0.034	0.017	mg/kg	0.024	R4 Inverts	**1**	0.7
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	67-72-1	Hexachloroethane	0.034	0.017	mg/kg	0.024	R4 Inverts	**1**	0.7
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	74-88-4	Iodomethane	0.00028	0.00014	mg/kg	0.038	LANL Min NOAEL TRV	0.007	0.004
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	74-88-4	Iodomethane	0.00027	0.000135	mg/kg	0.038	LANL Min NOAEL TRV	0.007	0.004
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	74-88-4	Iodomethane	0.00027	0.000135	mg/kg	0.038	LANL Min NOAEL TRV	0.007	0.004
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	74-88-4	Iodomethane	0.00027	0.000135	mg/kg	0.038	LANL Min NOAEL TRV	0.007	0.004
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	74-88-4	Iodomethane	0.00027	0.000135	mg/kg	0.038	LANL Min NOAEL TRV	0.007	0.004
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	74-88-4	Iodomethane	0.00026	0.00013	mg/kg	0.038	LANL Min NOAEL TRV	0.007	0.003
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	74-88-4	Iodomethane	0.00026	0.00013	mg/kg	0.038	LANL Min NOAEL TRV	0.007	0.003
DU-1	SA20	SA20-0.5D	11/16/2006	OPPs	1	121-75-5	Malathion	0.019	0.0095	mg/kg	0.00004	R4 Inverts	500	200
DU-1	SA12	SA12-0.5	11/10/2006	OPPs	1	121-75-5	Malathion	0.017	0.0085	mg/kg	0.00004	R4 Inverts	400	200
DU-1	SA11	SA11-0.5D	11/9/2006	OPPs	1	121-75-5	Malathion	0.017	0.0085	mg/kg	0.00004	R4 Inverts	400	200
DU-1	SA20	SA20-0.5	11/16/2006	OPPs	1	121-75-5	Malathion	0.017	0.0085	mg/kg	0.00004	R4 Inverts	400	200
DU-1	SA19	SA19-0.5	11/16/2006	OPPs	1	121-75-5	Malathion	0.017	0.0085	mg/kg	0.00004	R4 Inverts	400	200
DU-1	SA11	SA11-0.5	11/9/2006	OPPs	1	121-75-5	Malathion	0.016	0.008	mg/kg	0.00004	R4 Inverts	400	200
DU-1	SA18	SA18-0.5D	11/15/2006	OPPs	1	121-75-5	Malathion	0.016	0.008	mg/kg	0.00004	R4 Inverts	400	200
DU-1	SA18	SA18-0.5	11/15/2006	OPPs	1	121-75-5	Malathion	0.016	0.008	mg/kg	0.00004	R4 Inverts	400	200
DU-2	SA02	SA2-0.5	11/3/2006	OPPs	1	121-75-5	Malathion	0.016	0.008	mg/kg	0.00004	R4 Inverts	400	200
DU-3	SA16	SA16-0.5	11/9/2006	OPPs	1	121-75-5	Malathion	0.016	0.008	mg/kg	0.00004	R4 Inverts	400	200
DU-2	SA07	SA7-0.5	11/20/2006	OPPs	1	121-75-5	Malathion	0.016	0.008	mg/kg	0.00004	R4 Inverts	400	200
DU-1	SA21	SA21-0.5	11/15/2006	OPPs	1	121-75-5	Malathion	0.016	0.008	mg/kg	0.00004	R4 Inverts	400	200
DU-1	SA166	SA166-0.5B	6/11/2009	OPPs	1	121-75-5	Malathion	0.0056	0.0028	mg/kg	0.00004	R4 Inverts	100	70
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OPPs	1	121-75-5	Malathion	0.0051	0.00255	mg/kg	0.00004	R4 Inverts	100	60
DU-2	RSAP7	RSAP7-0.0B	10/27/2009	OPPs	1	121-75-5	Malathion	0.005	0.0025	mg/kg	0.00004	R4 Inverts	100	60
DU-3	SA128	SA128-10B	9/16/2009	OPPs	1	121-75-5	Malathion	0.005	0.0025	mg/kg	0.00004	R4 Inverts	100	60
DU-1	SA73	SA73-0.5B	7/29/2009	OPPs	1	121-75-5	Malathion	0.005	0.0025	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OPPs	1	121-75-5	Malathion	0.005	0.0025	mg/kg	0.00004	R4 Inverts	100	60
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OPPs	1	121-75-5	Malathion	0.0049	0.00245	mg/kg	0.00004	R4 Inverts	100	60
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OPPs	1	121-75-5	Malathion	0.0049	0.00245	mg/kg	0.00004	R4 Inverts	100	60
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OPPs	1	121-75-5	Malathion	0.0049	0.00245	mg/kg	0.00004	R4 Inverts	100	60
DU-1	SA176	SA176-0.5B	6/10/2009	OPPs	1	121-75-5	Malathion	0.0049	0.00245	mg/kg	0.00004	R4 Inverts	100	60
DU-1	SA35	SA35-0.5B	6/10/2009	OPPs	1	121-75-5	Malathion	0.0049	0.00245	mg/kg	0.00004	R4 Inverts	100	60
DU-1	SA85	SA85-0.5B	6/16/2009	OPPs	1	121-75-5	Malathion	0.0049	0.00245	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
DU-1	SA92	SA92-0.5B	6/17/2009	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OPPs	1	121-75-5	Malathion	0.0047	0.00235	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	OPPs	1	121-75-5	Malathion	0.0047	0.00235	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OPPs	1	121-75-5	Malathion	0.0047	0.00235	mg/kg	0.00004	R4 Inverts	100	60

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OPPs	1	121-75-5	Malathion	0.0047	0.00235	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OPPs	1	121-75-5	Malathion	0.0047	0.00235	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OPPs	1	121-75-5	Malathion	0.0047	0.00235	mg/kg	0.00004	R4 Inverts	100	60
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OPPs	1	121-75-5	Malathion	0.0046	0.0023	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OPPs	1	121-75-5	Malathion	0.0046	0.0023	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OPPs	1	121-75-5	Malathion	0.0046	0.0023	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OPPs	1	121-75-5	Malathion	0.0046	0.0023	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OPPs	1	121-75-5	Malathion	0.0045	0.00225	mg/kg	0.00004	R4 Inverts	100	60
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OPPs	1	121-75-5	Malathion	0.0045	0.00225	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OPPs	1	121-75-5	Malathion	0.0045	0.00225	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OPPs	1	121-75-5	Malathion	0.0045	0.00225	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OPPs	1	121-75-5	Malathion	0.0044	0.0022	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OPPs	1	121-75-5	Malathion	0.0044	0.0022	mg/kg	0.00004	R4 Inverts	100	60
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	104-51-8	n-Butylbenzene	0.0062	0.0031	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0006	0.0003
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	104-51-8	n-Butylbenzene	0.0059	0.00295	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0006	0.0003
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	104-51-8	n-Butylbenzene	0.0057	0.00285	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0006	0.0003
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	104-51-8	n-Butylbenzene	0.0056	0.0028	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0006	0.0003
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	104-51-8	n-Butylbenzene	0.0056	0.0028	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0006	0.0003
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	104-51-8	n-Butylbenzene	0.0055	0.00275	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0006	0.0003
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	104-51-8	n-Butylbenzene	0.0055	0.00275	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0006	0.0003
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	104-51-8	n-Butylbenzene	0.0055	0.00275	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0006	0.0003
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	104-51-8	n-Butylbenzene	0.0054	0.0027	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0005	0.0003
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	104-51-8	n-Butylbenzene	0.0053	0.00265	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0005	0.0003
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	104-51-8	n-Butylbenzene	0.0053	0.00265	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0005	0.0003
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	104-51-8	n-Butylbenzene	0.0053	0.00265	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0005	0.0003
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	104-51-8	n-Butylbenzene	0.0053	0.00265	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0005	0.0003
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	104-51-8	n-Butylbenzene	0.0052	0.0026	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0005	0.0003
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	104-51-8	n-Butylbenzene	0.0049	0.00245	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0005	0.0002
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	104-51-8	n-Butylbenzene	0.0019	0.00095	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0002	0.0001
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	VOCs	1	104-51-8	n-Butylbenzene	0.0016	0.0008	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0002	0.00008
DU-1	SA157	SA157-0.5B	10/20/2009	VOCs	1.89	104-51-8	n-Butylbenzene	0.0016	0.0008	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0002	0.00008
DU-3	SA65	SA65-10B	8/25/2009	VOCs	1.68	104-51-8	n-Butylbenzene	0.0014	0.0007	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00007
DU-1	RISB-37	RISB-37-0.5-20141117	11/17/2014	VOCs	1	104-51-8	n-Butylbenzene	0.0012	0.0006	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00006
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	VOCs	1	104-51-8	n-Butylbenzene	0.0011	0.00055	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00006
DU-1	RISB-31	RISB-31-0.5-20141119	11/19/2014	VOCs	1	104-51-8	n-Butylbenzene	0.0011	0.00055	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00006
DU-2	SA103	SA103-0.5B	10/6/2009	VOCs	1.34	104-51-8	n-Butylbenzene	0.0011	0.00055	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00006
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	VOCs	1	104-51-8	n-Butylbenzene	0.0011	0.00055	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00006
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	VOCs	1	104-51-8	n-Butylbenzene	0.0011	0.00055	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00006
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RISB-30	RISB-30-0.5-20141118	11/18/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RISB-34	RISB-34-0.5-20141119	11/19/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RISB-35	RISB-35-0.5-20141119	11/19/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RISB-53	RISB-53-0.5-20141106	11/6/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RISB-54	RISB-54-0.5-20141117	11/17/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RISB-33	RISB-33-0.5-20141119	11/19/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RISB-36	RISB-36-0.5-20141118	11/18/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RISB-55	RISB-55-0.5-20141114	11/14/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	VOCs	1	104-51-8	n-Butylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	VOCs	1	104-51-8	n-Butylbenzene	0.00099	0.000495	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	VOCs	1	104-51-8	n-Butylbenzene	0.00098	0.00049	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-2	RISB-56	RISB-56-0.5-20141104	11/4/2014	VOCs	1	104-51-8	n-Butylbenzene	0.00098	0.00049	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	VOCs	1	104-51-8	n-Butylbenzene	0.00097	0.000485	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	VOCs	1	104-51-8	n-Butylbenzene	0.00096	0.00048	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	VOCs	1	104-51-8	n-Butylbenzene	0.00096	0.00048	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	VOCs	1	104-51-8	n-Butylbenzene	0.00096	0.00048	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	VOCs	1	104-51-8	n-Butylbenzene	0.00096	0.00048	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	VOCs	1	104-51-8	n-Butylbenzene	0.00095	0.000475	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	VOCs	1.14	104-51-8	n-Butylbenzene	0.00095	0.000475	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	VOCs	1	104-51-8	n-Butylbenzene	0.00095	0.000475	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RISB-32	RISB-32-0.5-20141120	11/20/2014	VOCs	1	104-51-8	n-Butylbenzene	0.00095	0.000475	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	VOCs	1	104-51-8	n-Butylbenzene	0.00095	0.000475	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	VOCs	1.14	104-51-8	n-Butylbenzene	0.00094	0.00047	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00009	0.00005
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	VOCs	1	104-51-8	n-Butylbenzene	0.00094	0.00047	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00009	0.00005
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	VOCs	1	104-51-8	n-Butylbenzene	0.00093	0.000465	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00009	0.00005
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	104-51-8	n-Butylbenzene	0.0009	0.00045	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00009	0.00005
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	VOCs	1	104-51-8	n-Butylbenzene	0.00088	0.00044	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00009	0.00004
DU-2	RISB-57	RISB-57-0.5-20141103	11/3/2014	VOCs	1	104-51-8	n-Butylbenzene	0.00088	0.00044	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00009	0.00004
DU-2	SA116	SA116-0.5B	9/2/2009	VOCs	1.08	104-51-8	n-Butylbenzene	0.00088	0.00044	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00009	0.00004
DU-2	SA212	SA212-0.5B	9/28/2009	VOCs	1.09	104-51-8	n-Butylbenzene	0.00088	0.00044	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00009	0.00004
DU-1	SA141	SA141009-14B	10/15/2009	VOCs	1.07	104-51-8	n-Butylbenzene	0.00088	0.00044	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00009	0.00004
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	VOCs	1.04	104-51-8	n-Butylbenzene	0.00086	0.00043	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00009	0.00004
DU-2	SA121	SA121009-0.5B	9/25/2009	VOCs	1.02	104-51-8	n-Butylbenzene	0.00085	0.000425	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00009	0.00004
DU-2	SA138	SA138-0.5B	10/6/2009	VOCs	1.03	104-51-8	n-Butylbenzene	0.00083	0.000415	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00008	0.00004
DU-3	SA128	SA128-10B	9/16/2009	VOCs	0.99	104-51-8	n-Butylbenzene	0.00082	0.00041	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00008	0.00004
DU-1	SA151	SA151-0.5B	9/17/2009	VOCs	0.99	104-51-8	n-Butylbenzene	0.00081	0.000405	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00008	0.00004
DU-1	SA171	SA171-5B	10/19/2009	VOCs	0.98	104-51-8	n-Butylbenzene	0.00081	0.000405	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00008	0.00004
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	104-51-8	n-Butylbenzene	0.0008	0.0004	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00008	0.00004
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	104-51-8	n-Butylbenzene	0.0008	0.0004	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00008	0.00004
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	104-51-8	n-Butylbenzene	0.0008	0.0004	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00008	0.00004
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	VOCs	1.33	104-51-8	n-Butylbenzene	0.00079	0.000395	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00008	0.00004
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	VOCs	0.98	104-51-8	n-Butylbenzene	0.00079	0.000395	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00008	0.00004
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	VOCs	0.95	104-51-8	n-Butylbenzene	0.00076	0.00038	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00008	0.00004
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	VOCs	0.93	104-51-8	n-Butylbenzene	0.00076	0.00038	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00008	0.00004
DU-2	SA28	SA28-0.5B	8/3/2009	VOCs	0.92	104-51-8	n-Butylbenzene	0.00076	0.00038	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00008	0.00004
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	104-51-8	n-Butylbenzene	0.00075	0.000375	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00008	0.00004
DU-1	RSAO7	RSAO7-9B	10/12/2009	VOCs	0.89	104-51-8	n-Butylbenzene	0.00073	0.000365	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00007	0.00004
DU-2	SA146	SA146-0.5B	8/4/2009	VOCs	0.88	104-51-8	n-Butylbenzene	0.00072	0.00036	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00007	0.00004

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA71	SA71-0.5B	6/16/2009	VOCs	1.2	104-51-8	n-Butylbenzene	0.00072	0.00036	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00007	0.00004
DU-2	SA147	SA147-0.5B	8/4/2009	VOCs	0.83	104-51-8	n-Butylbenzene	0.0007	0.00035	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00007	0.00004
DU-2	SA121	SA121-0.5B	9/25/2009	VOCs	0.81	104-51-8	n-Butylbenzene	0.00068	0.00034	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00007	0.00003
DU-3	SA197	SA197-0.5B	6/19/2009	VOCs	1.07	104-51-8	n-Butylbenzene	0.00068	0.00034	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00007	0.00003
DU-1	SA145	SA145-0.5B	6/12/2009	VOCs	1.14	104-51-8	n-Butylbenzene	0.00068	0.00034	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00007	0.00003
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	VOCs	1.09	104-51-8	n-Butylbenzene	0.00065	0.000325	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00007	0.00003
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	VOCs	1.08	104-51-8	n-Butylbenzene	0.00065	0.000325	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00007	0.00003
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	VOCs	0.99	104-51-8	n-Butylbenzene	0.00064	0.00032	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	VOCs	1.04	104-51-8	n-Butylbenzene	0.00063	0.000315	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	104-51-8	n-Butylbenzene	0.00063	0.000315	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	SA85	SA85-0.5B	6/16/2009	VOCs	1.02	104-51-8	n-Butylbenzene	0.00062	0.00031	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	VOCs	1.15	104-51-8	n-Butylbenzene	0.00061	0.000305	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	104-51-8	n-Butylbenzene	0.00061	0.000305	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	VOCs	1.08	104-51-8	n-Butylbenzene	0.00061	0.000305	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	SA186	SA186-0.5B	6/29/2009	VOCs	1	104-51-8	n-Butylbenzene	0.00061	0.000305	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	SA166	SA166-0.5B	6/11/2009	VOCs	1	104-51-8	n-Butylbenzene	0.00061	0.000305	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	SA87	SA87-0.5B	6/25/2008	VOCs	1.02	104-51-8	n-Butylbenzene	0.00061	0.000305	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	SA180	SA180-0.5BD	6/26/2008	VOCs	0.95	104-51-8	n-Butylbenzene	0.00061	0.000305	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	SA180	SA180-0.5B	6/26/2008	VOCs	0.91	104-51-8	n-Butylbenzene	0.00061	0.000305	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	SA69	SA69-0.5B	7/7/2009	VOCs	0.72	104-51-8	n-Butylbenzene	0.00061	0.000305	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	104-51-8	n-Butylbenzene	0.00061	0.000305	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	104-51-8	n-Butylbenzene	0.0006	0.0003	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	SA50	SA50-0.5B	6/30/2009	VOCs	0.97	104-51-8	n-Butylbenzene	0.0006	0.0003	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	104-51-8	n-Butylbenzene	0.00059	0.000295	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	VOCs	0.97	104-51-8	n-Butylbenzene	0.00059	0.000295	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	VOCs	0.97	104-51-8	n-Butylbenzene	0.00059	0.000295	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	SA62	SA62-0.5B	6/16/2009	VOCs	0.97	104-51-8	n-Butylbenzene	0.00059	0.000295	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	104-51-8	n-Butylbenzene	0.00058	0.00029	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	SA152	SA152-0.5B	6/4/2009	VOCs	0.93	104-51-8	n-Butylbenzene	0.00057	0.000285	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	SA75	SA75-0.5B	7/17/2009	VOCs	0.91	104-51-8	n-Butylbenzene	0.00057	0.000285	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	VOCs	0.93	104-51-8	n-Butylbenzene	0.00056	0.00028	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	VOCs	0.71	104-51-8	n-Butylbenzene	0.00056	0.00028	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	SA176	SA176-0.5B	6/10/2009	VOCs	0.92	104-51-8	n-Butylbenzene	0.00056	0.00028	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	SA185	SA185-0.5B	6/29/2009	VOCs	0.89	104-51-8	n-Butylbenzene	0.00056	0.00028	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	104-51-8	n-Butylbenzene	0.00056	0.00028	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	104-51-8	n-Butylbenzene	0.00056	0.00028	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	VOCs	0.91	104-51-8	n-Butylbenzene	0.00055	0.000275	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	VOCs	0.91	104-51-8	n-Butylbenzene	0.00055	0.000275	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	VOCs	0.91	104-51-8	n-Butylbenzene	0.00055	0.000275	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-3	SA64	SA64-0.5B	6/19/2009	VOCs	0.88	104-51-8	n-Butylbenzene	0.00055	0.000275	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	SA173	SA173-0.5B	7/27/2009	VOCs	0.9	104-51-8	n-Butylbenzene	0.00055	0.000275	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	104-51-8	n-Butylbenzene	0.00055	0.000275	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	104-51-8	n-Butylbenzene	0.00055	0.000275	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	104-51-8	n-Butylbenzene	0.00055	0.000275	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	VOCs	0.91	104-51-8	n-Butylbenzene	0.00055	0.000275	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	VOCs	1	104-51-8	n-Butylbenzene	0.00054	0.00027	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	SA55	SA55-0.5B	6/10/2009	VOCs	0.89	104-51-8	n-Butylbenzene	0.00054	0.00027	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	SA152	SA152009-0.5B	6/4/2009	VOCs	0.9	104-51-8	n-Butylbenzene	0.00054	0.00027	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	104-51-8	n-Butylbenzene	0.00054	0.00027	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	SA92	SA92-0.5B	6/17/2009	VOCs	0.89	104-51-8	n-Butylbenzene	0.00054	0.00027	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	SA189	SA189-0.5B	6/4/2009	VOCs	0.85	104-51-8	n-Butylbenzene	0.00053	0.000265	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	VOCs	0.86	104-51-8	n-Butylbenzene	0.00052	0.00026	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	VOCs	0.63	104-51-8	n-Butylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	VOCs	0.63	104-51-8	n-Butylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	SA158	SA158-0.5B	6/17/2009	VOCs	0.85	104-51-8	n-Butylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	SA179	SA179-0.5B	7/28/2009	VOCs	0.79	104-51-8	n-Butylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	SSAN7-06	SSAN7-06-0.5BPC	9/7/2010	VOCs	1	104-51-8	n-Butylbenzene	0.0005	0.00025	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	SA73	SA73-0.5B	7/29/2009	VOCs	0.77	104-51-8	n-Butylbenzene	0.00049	0.000245	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	VOCs	0.74	104-51-8	n-Butylbenzene	0.00048	0.00024	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	VOCs	0.76	104-51-8	n-Butylbenzene	0.00047	0.000235	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	SA74	SA74-0.5B	7/15/2009	VOCs	0.72	104-51-8	n-Butylbenzene	0.00046	0.00023	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	VOCs	0.71	104-51-8	n-Butylbenzene	0.00043	0.000215	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	VOCs	0.68	104-51-8	n-Butylbenzene	0.00043	0.000215	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SSAO7-06	SSAO7-06-0.5BPC	9/27/2010	VOCs	1	104-51-8	n-Butylbenzene	0.00043	0.000215	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA74	SA74009-0.5B	7/15/2009	VOCs	0.65	104-51-8	n-Butylbenzene	0.00042	0.00021	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	VOCs	1	104-51-8	n-Butylbenzene	0.00041	0.000205	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA72	SA72-0.5B	7/27/2009	VOCs	0.64	104-51-8	n-Butylbenzene	0.0004	0.0002	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SSAO8-05	SSAO8-05-0.5BPC	9/27/2010	VOCs	1	104-51-8	n-Butylbenzene	0.0004	0.0002	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	VOCs	0.63	104-51-8	n-Butylbenzene	0.00039	0.000195	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	VOCs	1	104-51-8	n-Butylbenzene	0.00039	0.000195	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	VOCs	1	104-51-8	n-Butylbenzene	0.00039	0.000195	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	VOCs	0.6	104-51-8	n-Butylbenzene	0.00038	0.00019	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA173	SA173009-0.5B	7/27/2009	VOCs	0.58	104-51-8	n-Butylbenzene	0.00036	0.00018	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SSAO8-08	SSAO8-08-0.5BPC	9/27/2010	VOCs	1	104-51-8	n-Butylbenzene	0.00033	0.000165	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	104-51-8	n-Butylbenzene	0.00033	0.000165	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	104-51-8	n-Butylbenzene	0.00032	0.00016	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	104-51-8	n-Butylbenzene	0.00032	0.00016	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	104-51-8	n-Butylbenzene	0.00032	0.00016	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	104-51-8	n-Butylbenzene	0.00032	0.00016	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	SSAN8-07	SSAN8-07-0.5BPC	9/7/2010	VOCs	1	104-51-8	n-Butylbenzene	0.00032	0.00016	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	VOCs	1	104-51-8	n-Butylbenzene	0.00032	0.00016	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	VOCs	1	104-51-8	n-Butylbenzene	0.0003	0.00015	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	98-95-3	Nitrobenzene	2.2	1.1	mg/kg	2.2	R4 Inverts	**1**	0.5
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	98-95-3	Nitrobenzene	0.86	0.43	mg/kg	2.2	R4 Inverts	0.4	0.2
DU-1	SA20	SA20-0.5D	11/16/2006	SVOCs	1	98-95-3	Nitrobenzene	0.41	0.205	mg/kg	2.2	R4 Inverts	0.2	0.09
DU-3	SA15	SA15-10	11/8/2006	SVOCs	1	98-95-3	Nitrobenzene	0.39	0.195	mg/kg	2.2	R4 Inverts	0.2	0.09
DU-1	SA11	SA11-0.5D	11/9/2006	SVOCs	1	98-95-3	Nitrobenzene	0.38	0.19	mg/kg	2.2	R4 Inverts	0.2	0.09
DU-1	SA12	SA12-0.5	11/10/2006	SVOCs	1	98-95-3	Nitrobenzene	0.37	0.185	mg/kg	2.2	R4 Inverts	0.2	0.08
DU-1	SA20	SA20-0.5	11/16/2006	SVOCs	1	98-95-3	Nitrobenzene	0.37	0.185	mg/kg	2.2	R4 Inverts	0.2	0.08
DU-1	SA11	SA11-0.5	11/9/2006	SVOCs	1	98-95-3	Nitrobenzene	0.36	0.18	mg/kg	2.2	R4 Inverts	0.2	0.08
DU-3	SA15	SA15-10D	11/8/2006	SVOCs	1	98-95-3	Nitrobenzene	0.36	0.18	mg/kg	2.2	R4 Inverts	0.2	0.08
DU-1	SA18	SA18-0.5	11/15/2006	SVOCs	1	98-95-3	Nitrobenzene	0.36	0.18	mg/kg	2.2	R4 Inverts	0.2	0.08
DU-1	SA19	SA19-0.5	11/16/2006	SVOCs	1	98-95-3	Nitrobenzene	0.36	0.18	mg/kg	2.2	R4 Inverts	0.2	0.08
DU-1	SA18	SA18-0.5D	11/15/2006	SVOCs	1	98-95-3	Nitrobenzene	0.35	0.175	mg/kg	2.2	R4 Inverts	0.2	0.08
DU-2	SA02	SA2-0.5	11/3/2006	SVOCs	1	98-95-3	Nitrobenzene	0.35	0.175	mg/kg	2.2	R4 Inverts	0.2	0.08
DU-3	SA16	SA16-0.5	11/9/2006	SVOCs	1	98-95-3	Nitrobenzene	0.35	0.175	mg/kg	2.2	R4 Inverts	0.2	0.08
DU-2	SA07	SA7-0.5	11/20/2006	SVOCs	1	98-95-3	Nitrobenzene	0.35	0.175	mg/kg	2.2	R4 Inverts	0.2	0.08
DU-1	SA21	SA21-0.5	11/15/2006	SVOCs	1	98-95-3	Nitrobenzene	0.34	0.17	mg/kg	2.2	R4 Inverts	0.2	0.08
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	SVOCs	4	98-95-3	Nitrobenzene	0.28	0.14	mg/kg	2.2	R4 Inverts	0.1	0.06
DU-1	SSAK5-01	SSAK5-01-1BPC	4/14/2010	SVOCs	10	98-95-3	Nitrobenzene	0.23	0.115	mg/kg	2.2	R4 Inverts	0.1	0.05
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	98-95-3	Nitrobenzene	0.16	0.08	mg/kg	2.2	R4 Inverts	0.07	0.04
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	98-95-3	Nitrobenzene	0.16	0.08	mg/kg	2.2	R4 Inverts	0.07	0.04
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	98-95-3	Nitrobenzene	0.15	0.075	mg/kg	2.2	R4 Inverts	0.07	0.03
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	98-95-3	Nitrobenzene	0.15	0.075	mg/kg	2.2	R4 Inverts	0.07	0.03
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	98-95-3	Nitrobenzene	0.15	0.075	mg/kg	2.2	R4 Inverts	0.07	0.03
DU-1	SSAK5-01	SSAK5-01-0BPC	6/21/2010	SVOCs	4	98-95-3	Nitrobenzene	0.091	0.0455	mg/kg	2.2	R4 Inverts	0.04	0.02

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SSAN6-03	SSAN6-03-0BPC	8/13/2010	SVOCs	4	98-95-3	Nitrobenzene	0.083	0.0415	mg/kg	2.2	R4 Inverts	0.04	0.02
DU-1	SSAP3-01	SSAP3-01-0BPC	8/13/2010	SVOCs	4	98-95-3	Nitrobenzene	0.083	0.0415	mg/kg	2.2	R4 Inverts	0.04	0.02
DU-1	CS-DC-1	CS-DC-1	5/3/2011	SVOCs	1	98-95-3	Nitrobenzene	0.078	0.039	mg/kg	2.2	R4 Inverts	0.04	0.02
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	98-95-3	Nitrobenzene	0.076	0.038	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	98-95-3	Nitrobenzene	0.076	0.038	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	98-95-3	Nitrobenzene	0.076	0.038	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	98-95-3	Nitrobenzene	0.075	0.0375	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	98-95-3	Nitrobenzene	0.075	0.0375	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	98-95-3	Nitrobenzene	0.075	0.0375	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	98-95-3	Nitrobenzene	0.074	0.037	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	98-95-3	Nitrobenzene	0.074	0.037	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	98-95-3	Nitrobenzene	0.073	0.0365	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	98-95-3	Nitrobenzene	0.073	0.0365	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	98-95-3	Nitrobenzene	0.073	0.0365	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	98-95-3	Nitrobenzene	0.073	0.0365	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	98-95-3	Nitrobenzene	0.073	0.0365	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	98-95-3	Nitrobenzene	0.073	0.0365	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	98-95-3	Nitrobenzene	0.072	0.036	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	98-95-3	Nitrobenzene	0.072	0.036	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	98-95-3	Nitrobenzene	0.072	0.036	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	98-95-3	Nitrobenzene	0.072	0.036	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	98-95-3	Nitrobenzene	0.072	0.036	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	98-95-3	Nitrobenzene	0.072	0.036	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	98-95-3	Nitrobenzene	0.072	0.036	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	98-95-3	Nitrobenzene	0.071	0.0355	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	98-95-3	Nitrobenzene	0.071	0.0355	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	98-95-3	Nitrobenzene	0.071	0.0355	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	98-95-3	Nitrobenzene	0.071	0.0355	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	98-95-3	Nitrobenzene	0.071	0.0355	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	98-95-3	Nitrobenzene	0.071	0.0355	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	98-95-3	Nitrobenzene	0.071	0.0355	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	98-95-3	Nitrobenzene	0.07	0.035	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	98-95-3	Nitrobenzene	0.07	0.035	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	98-95-3	Nitrobenzene	0.069	0.0345	mg/kg	2.2	R4 Inverts	0.03	0.02
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	SVOCs	20	98-95-3	Nitrobenzene	0.039	0.0195	mg/kg	2.2	R4 Inverts	0.02	0.009
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	98-95-3	Nitrobenzene	0.036	0.018	mg/kg	2.2	R4 Inverts	0.02	0.008
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	98-95-3	Nitrobenzene	0.035	0.0175	mg/kg	2.2	R4 Inverts	0.02	0.008
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	98-95-3	Nitrobenzene	0.035	0.0175	mg/kg	2.2	R4 Inverts	0.02	0.008
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	98-95-3	Nitrobenzene	0.034	0.017	mg/kg	2.2	R4 Inverts	0.02	0.008
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	98-95-3	Nitrobenzene	0.034	0.017	mg/kg	2.2	R4 Inverts	0.02	0.008
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	98-95-3	Nitrobenzene	0.034	0.017	mg/kg	2.2	R4 Inverts	0.02	0.008
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	98-95-3	Nitrobenzene	0.034	0.017	mg/kg	2.2	R4 Inverts	0.02	0.008
DU-1	SSAI3-01	SSAI3-01-3BPC	4/16/2010	SVOCs	1	98-95-3	Nitrobenzene	0.025	0.0125	mg/kg	2.2	R4 Inverts	0.01	0.006
DU-1	SSAK6-03	SSAK6-03-3BPC	4/30/2010	SVOCs	1	98-95-3	Nitrobenzene	0.025	0.0125	mg/kg	2.2	R4 Inverts	0.01	0.006
DU-1	SSAO7-01	SSAO7-01-1BPC	4/8/2010	SVOCs	1	98-95-3	Nitrobenzene	0.025	0.0125	mg/kg	2.2	R4 Inverts	0.01	0.006
DU-1	BDT-3-S-5	BDT-3-S-5-2BPC	8/24/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC	8/25/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-3	BDT-2-N-20	BDT-2-N-20-4.0BPC	8/25/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC	8/23/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-3	BDT-2-S-15	BDT-2-S-15-8BPC	8/26/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-3	BDT-2-S-5	BDT-2-S-5-8BPC	8/26/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-3	BDT-2-N-5	BDT-2-N-5-6BPC	8/25/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	BDT-3-N-5	BDT-3-N-5-2BPC	8/23/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAJ2-02	SSAJ2-02-5BPC	4/26/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAJ2-02	SSAJ2-02-4BPC	4/26/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAK4-02	SSAK4-02-1BPC	5/14/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SA75	SA75-0BPC	6/21/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAK5-05	SSAK5-05-9BPC	6/29/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAO3-02	SSAO3-02-5BPC	6/23/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAI3-07	SSAI3-07-10BPC	8/31/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAK8-02	SSAK8-02-1BPC	4/16/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAK8-05	SSAK8-05-1BPC	4/27/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAO7-01	SSAO7-01-1BPC_FD	4/8/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAP3-01	SSAP3-01-1BPC	4/14/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAK5-03	SSAK5-03-1BPC	5/14/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAJ3-10	SSAJ3-10-0.0_01_BPC	2/11/2011	SVOCs	1	98-95-3	Nitrobenzene	0.024	0.012	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-3	BDT-2-N-15	BDT-2-N-15-4.0BPC	8/25/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-3	BDT-2-N-15	BDT-2-N-15-6.0BPC	8/25/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-3	BDT-2-S-10	BDT-2-S-10-6BPC	8/26/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	BDT-3-S-5	BDT-3-S-5-4BPC	8/24/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-3	BDT-2-N-10	BDT-2-N-10-6BPC_FD	8/25/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	BDT-3-N-10	BDT-3-N-10-4BPC_FD	8/23/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-3	BDT-2-S-15	BDT-2-S-15-6BPC	8/26/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	BDT-3-S-10	BDT-3-S-10-2BPC	8/24/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC	8/26/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	8/26/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-3	BDT-2-S-20	BDT-2-S-20-6BPC_FD	8/26/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-3	BDT-2-S-20	BDT-2-S-20-8BPC	8/26/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-3	BDT-2-N-5	BDT-2-N-5-8BPC	8/25/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-3	SA175	SA175-8BPC	5/6/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAK4-02	SSAK4-02-0BPC	8/31/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAO4-01	SSAO4-01-1BPC	4/14/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAJ3-07	SSAJ3-07-5BPC	8/10/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-2	SSAQ5-07	SSAQ5-07-1BPC	8/31/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAO4-02	SSAO4-02-3BPC	4/8/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAK2-02	SSAK2-02-0.0_01_BPC	2/9/2011	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAN6-08	SSAN6-08-4.0_01_BPC	11/12/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAI3-02	SSAI3-02-14BPC	8/7/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAI3-02	SSAI3-02-15BPC	8/7/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-3	SSAM7-04	SSAM7-04-1BPC	4/12/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAO4-05	SSAO4-05-1BPC	4/29/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAO4-05	SSAO4-05-1BPC_FD	4/29/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-3	SA86	SA86-3BPC	4/13/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAK3-02	SSAK3-02-1BPC	4/8/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAK4-03	SSAK4-03-1_01_BPC	10/12/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAO7-02	SSAO7-02-1BPC	4/22/2010	SVOCs	1	98-95-3	Nitrobenzene	0.023	0.0115	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SA200	SA200-0BPC	6/17/2010	SVOCs	1	98-95-3	Nitrobenzene	0.022	0.011	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SA167	SA167-0BPC	6/17/2010	SVOCs	1	98-95-3	Nitrobenzene	0.022	0.011	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAK4-01	SSAK4-01-0BPC	6/17/2010	SVOCs	1	98-95-3	Nitrobenzene	0.022	0.011	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-2	SA156	SA156-1BPC	5/6/2010	SVOCs	1	98-95-3	Nitrobenzene	0.022	0.011	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAO4-01	SSAO4-01-0BPC	8/13/2010	SVOCs	1	98-95-3	Nitrobenzene	0.022	0.011	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	SVOCs	1	98-95-3	Nitrobenzene	0.022	0.011	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAJ3-05	SSAJ3-05-8BPC	8/10/2010	SVOCs	1	98-95-3	Nitrobenzene	0.022	0.011	mg/kg	2.2	R4 Inverts	0.01	0.005

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SSAK7-03	SSAK7-03-1BPC	4/21/2010	SVOCs	1	98-95-3	Nitrobenzene	0.022	0.011	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	SVOCs	1	98-95-3	Nitrobenzene	0.022	0.011	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	SVOCs	1	98-95-3	Nitrobenzene	0.022	0.011	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAN6-08	SSAN6-08-3.0_01_BPC	11/12/2010	SVOCs	1	98-95-3	Nitrobenzene	0.022	0.011	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAN6-08	SSAN6-08-2.0_01_BPC	11/12/2010	SVOCs	1	98-95-3	Nitrobenzene	0.022	0.011	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SA70	SA70-0BPC	6/17/2010	SVOCs	1	98-95-3	Nitrobenzene	0.022	0.011	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	SVOCs	1	98-95-3	Nitrobenzene	0.022	0.011	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	SVOCs	1	98-95-3	Nitrobenzene	0.022	0.011	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	RSAH3	RSAH3-0BPC	6/17/2010	SVOCs	1	98-95-3	Nitrobenzene	0.022	0.011	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-3	SA86	SA86-4BPC	4/13/2010	SVOCs	1	98-95-3	Nitrobenzene	0.022	0.011	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAK4-03	SSAK4-03-0_01_BPC	10/12/2010	SVOCs	1	98-95-3	Nitrobenzene	0.022	0.011	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAN5-04	SSAN5-04-0BPC	8/13/2010	SVOCs	1	98-95-3	Nitrobenzene	0.022	0.011	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	RSAN7	RSAN7-0BPC	8/13/2010	SVOCs	1	98-95-3	Nitrobenzene	0.021	0.0105	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	RSAL8	RSAL8-0BPC	6/17/2010	SVOCs	1	98-95-3	Nitrobenzene	0.021	0.0105	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAL3-07	SSAL3-07-0BPC	8/13/2010	SVOCs	1	98-95-3	Nitrobenzene	0.021	0.0105	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAK8-09	SSAK8-09-0BPC	8/13/2010	SVOCs	1	98-95-3	Nitrobenzene	0.021	0.0105	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAK8-07	SSAK8-07-0BPC	8/13/2010	SVOCs	1	98-95-3	Nitrobenzene	0.021	0.0105	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	SVOCs	1	98-95-3	Nitrobenzene	0.021	0.0105	mg/kg	2.2	R4 Inverts	0.01	0.005
DU-3	SA49	SA49-1.5BR	12/15/2009	SVOCs	6	98-95-3	Nitrobenzene	0.011	0.0055	mg/kg	2.2	R4 Inverts	0.005	0.003
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	SVOCs	5	98-95-3	Nitrobenzene	0.0093	0.00465	mg/kg	2.2	R4 Inverts	0.004	0.002
DU-2	SA103	SA103-0.5B	10/6/2009	SVOCs	4	98-95-3	Nitrobenzene	0.0074	0.0037	mg/kg	2.2	R4 Inverts	0.003	0.002
DU-1	SA74	SA74-0.5B	7/15/2009	SVOCs	3	98-95-3	Nitrobenzene	0.0057	0.00285	mg/kg	2.2	R4 Inverts	0.003	0.001
DU-1	SA186	SA186-0.5B	6/29/2009	SVOCs	3	98-95-3	Nitrobenzene	0.0054	0.0027	mg/kg	2.2	R4 Inverts	0.002	0.001
DU-1	SA157	SA157-0.5B	10/20/2009	SVOCs	2	98-95-3	Nitrobenzene	0.0038	0.0019	mg/kg	2.2	R4 Inverts	0.002	0.0009
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	SVOCs	2	98-95-3	Nitrobenzene	0.0036	0.0018	mg/kg	2.2	R4 Inverts	0.002	0.0008
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	SVOCs	2	98-95-3	Nitrobenzene	0.0036	0.0018	mg/kg	2.2	R4 Inverts	0.002	0.0008
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	SVOCs	1	98-95-3	Nitrobenzene	0.002	0.001	mg/kg	2.2	R4 Inverts	0.0009	0.0005
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-2	SA121	SA121009-0.5B	9/25/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-1	RSAO7	RSAO7-9B	10/12/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-1	SA151	SA151-0.5B	9/17/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-1	SA114	SA114009-1BR	12/16/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-1	SA114	SA114-1BR	12/16/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-2	SA147	SA147-0.5B	8/4/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-2	SA121	SA121-0.5B	9/25/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-1	SA114	SA114-1.5BR	12/16/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-2	SA146	SA146-0.5B	8/4/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-1	SA171	SA171-5B	10/19/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-3	SA128	SA128-10B	9/16/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-1	SA185	SA185-0.5B	6/29/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-2	SA116	SA116-0.5B	9/2/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-2	SA31	SA31-0.5B	9/9/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-3	SA197	SA197-0.5B	6/19/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA35	SA35-0.5B	6/10/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-1	SA75	SA75-0.5B	7/17/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-1	SA157	SA157009-0.5B	10/20/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-3	SA64	SA64-0.5B	6/19/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-1	SA74	SA74009-0.5B	7/15/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-2	SA212	SA212-0.5B	9/28/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-2	SA28	SA28-0.5B	8/3/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-1	SA50	SA50-0.5B	6/30/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-1	SA189	SA189-0.5B	6/4/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-3	SA65	SA65-10B	8/25/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-2	SA138	SA138-0.5B	10/6/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-1	SA141	SA141-14B	10/15/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-1	SA141	SA141009-14B	10/15/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0019	0.00095	mg/kg	2.2	R4 Inverts	0.0009	0.0004
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	SA176	SA176-0.5B	6/10/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	SA152	SA152-0.5B	6/4/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	SA55	SA55-0.5B	6/10/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	SA158	SA158-0.5B	6/17/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	SA152	SA152009-0.5B	6/4/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	SA166	SA166-0.5B	6/11/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	SA71	SA71-0.5B	6/16/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	SA85	SA85-0.5B	6/16/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	SA92	SA92-0.5B	6/17/2009	SVOCs	1	98-95-3	Nitrobenzene	0.0018	0.0009	mg/kg	2.2	R4 Inverts	0.0008	0.0004
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	SVOCs	1	98-95-3	Nitrobenzene	0.00122338	0.00061169	mg/kg	2.2	R4 Inverts	0.0006	0.0003
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	SVOCs	1	98-95-3	Nitrobenzene	0.00122338	0.00061169	mg/kg	2.2	R4 Inverts	0.0006	0.0003
DU-1	SA180	SA180-0.5B	6/26/2008	SVOCs	5	98-95-3	Nitrobenzene	0.00122338	0.00061169	mg/kg	2.2	R4 Inverts	0.0006	0.0003
DU-1	SA180	SA180-0.5BD	6/26/2008	SVOCs	5	98-95-3	Nitrobenzene	0.00122338	0.00061169	mg/kg	2.2	R4 Inverts	0.0006	0.0003
DU-1	SA67	SA67-0.5B	7/7/2008	SVOCs	1	98-95-3	Nitrobenzene	0.00122338	0.00061169	mg/kg	2.2	R4 Inverts	0.0006	0.0003
DU-1	SA69	SA69-0.5B	7/7/2009	SVOCs	1	98-95-3	Nitrobenzene	0.000056	0.000028	mg/kg	2.2	R4 Inverts	0.00003	0.00001
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	SVOCs	1	98-95-3	Nitrobenzene	0.000054	0.000027	mg/kg	2.2	R4 Inverts	0.00002	0.00001
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	SVOCs	1	98-95-3	Nitrobenzene	0.000054	0.000027	mg/kg	2.2	R4 Inverts	0.00002	0.00001
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	86-30-6	n-Nitrosodiphenylamine	2.5	1.25	mg/kg	0.545	R4 Mammals	5	2
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	86-30-6	n-Nitrosodiphenylamine	0.99	0.495	mg/kg	0.545	R4 Mammals	2	0.9
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	SVOCs	4	86-30-6	n-Nitrosodiphenylamine	0.32	0.16	mg/kg	0.545	R4 Mammals	0.6	0.3
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.19	0.095	mg/kg	0.545	R4 Mammals	0.3	0.2
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.19	0.095	mg/kg	0.545	R4 Mammals	0.3	0.2
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	86-30-6	n-Nitrosodiphenylamine	0.18	0.09	mg/kg	0.545	R4 Mammals	0.3	0.2
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.17	0.085	mg/kg	0.545	R4 Mammals	0.3	0.2
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	86-30-6	n-Nitrosodiphenylamine	0.17	0.085	mg/kg	0.545	R4 Mammals	0.3	0.2

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.087	0.0435	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.087	0.0435	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.086	0.043	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.086	0.043	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.086	0.043	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.086	0.043	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.085	0.0425	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.084	0.042	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.084	0.042	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.084	0.042	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.083	0.0415	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.083	0.0415	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.083	0.0415	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.083	0.0415	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.083	0.0415	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.083	0.0415	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.082	0.041	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.082	0.041	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.082	0.041	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.082	0.041	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.082	0.041	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.082	0.041	mg/kg	0.545	R4 Mammals	0.2	0.08
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.081	0.0405	mg/kg	0.545	R4 Mammals	0.1	0.07
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.081	0.0405	mg/kg	0.545	R4 Mammals	0.1	0.07
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.081	0.0405	mg/kg	0.545	R4 Mammals	0.1	0.07
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.081	0.0405	mg/kg	0.545	R4 Mammals	0.1	0.07
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.081	0.0405	mg/kg	0.545	R4 Mammals	0.1	0.07
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.081	0.0405	mg/kg	0.545	R4 Mammals	0.1	0.07
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.08	0.04	mg/kg	0.545	R4 Mammals	0.1	0.07
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.08	0.04	mg/kg	0.545	R4 Mammals	0.1	0.07
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.079	0.0395	mg/kg	0.545	R4 Mammals	0.1	0.07
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.036	0.018	mg/kg	0.545	R4 Mammals	0.07	0.03
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.035	0.0175	mg/kg	0.545	R4 Mammals	0.06	0.03
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.035	0.0175	mg/kg	0.545	R4 Mammals	0.06	0.03
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.034	0.017	mg/kg	0.545	R4 Mammals	0.06	0.03
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.034	0.017	mg/kg	0.545	R4 Mammals	0.06	0.03
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.034	0.017	mg/kg	0.545	R4 Mammals	0.06	0.03
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.034	0.017	mg/kg	0.545	R4 Mammals	0.06	0.03
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	103-65-1	n-Propylbenzene	0.0062	0.0031	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0006	0.0003
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	103-65-1	n-Propylbenzene	0.0059	0.00295	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0006	0.0003
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	103-65-1	n-Propylbenzene	0.0057	0.00285	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0006	0.0003
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	103-65-1	n-Propylbenzene	0.0056	0.0028	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0006	0.0003
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	103-65-1	n-Propylbenzene	0.0056	0.0028	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0006	0.0003
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	103-65-1	n-Propylbenzene	0.0055	0.00275	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0006	0.0003
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	103-65-1	n-Propylbenzene	0.0055	0.00275	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0006	0.0003
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	103-65-1	n-Propylbenzene	0.0055	0.00275	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0006	0.0003
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	103-65-1	n-Propylbenzene	0.0054	0.0027	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0005	0.0003
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	103-65-1	n-Propylbenzene	0.0053	0.00265	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0005	0.0003
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	103-65-1	n-Propylbenzene	0.0053	0.00265	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0005	0.0003
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	103-65-1	n-Propylbenzene	0.0053	0.00265	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0005	0.0003
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	103-65-1	n-Propylbenzene	0.0053	0.00265	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0005	0.0003
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	103-65-1	n-Propylbenzene	0.0052	0.0026	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0005	0.0003

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	103-65-1	n-Propylbenzene	0.0049	0.00245	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0005	0.0002
DU-1	SA157	SA157-0.5B	10/20/2009	VOCs	1.89	103-65-1	n-Propylbenzene	0.0011	0.00055	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00006
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	103-65-1	n-Propylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	103-65-1	n-Propylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	103-65-1	n-Propylbenzene	0.001	0.0005	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	103-65-1	n-Propylbenzene	0.00098	0.00049	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	103-65-1	n-Propylbenzene	0.00098	0.00049	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	103-65-1	n-Propylbenzene	0.00097	0.000485	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00097	0.000485	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	103-65-1	n-Propylbenzene	0.00095	0.000475	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
DU-3	SA65	SA65-10B	8/25/2009	VOCs	1.68	103-65-1	n-Propylbenzene	0.00093	0.000465	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00009	0.00005
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00082	0.00041	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00008	0.00004
DU-2	SA103	SA103-0.5B	10/6/2009	VOCs	1.34	103-65-1	n-Propylbenzene	0.00073	0.000365	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00007	0.00004
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	VOCs	1.14	103-65-1	n-Propylbenzene	0.00064	0.00032	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	103-65-1	n-Propylbenzene	0.0006	0.0003	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-2	SA116	SA116-0.5B	9/2/2009	VOCs	1.08	103-65-1	n-Propylbenzene	0.0006	0.0003	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-2	SA212	SA212-0.5B	9/28/2009	VOCs	1.09	103-65-1	n-Propylbenzene	0.00059	0.000295	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	SA141	SA141009-14B	10/15/2009	VOCs	1.07	103-65-1	n-Propylbenzene	0.00059	0.000295	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	RISB-37	RISB-37-0.5-20141117	11/17/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00058	0.00029	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	VOCs	1.04	103-65-1	n-Propylbenzene	0.00058	0.00029	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-2	SA121	SA121009-0.5B	9/25/2009	VOCs	1.02	103-65-1	n-Propylbenzene	0.00057	0.000285	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	VOCs	1	103-65-1	n-Propylbenzene	0.00056	0.00028	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-2	SA138	SA138-0.5B	10/6/2009	VOCs	1.03	103-65-1	n-Propylbenzene	0.00056	0.00028	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-3	SA128	SA128-10B	9/16/2009	VOCs	0.99	103-65-1	n-Propylbenzene	0.00055	0.000275	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	SA171	SA171-5B	10/19/2009	VOCs	0.98	103-65-1	n-Propylbenzene	0.00055	0.000275	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00055	0.000275	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00006	0.00003
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00054	0.00027	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RISB-31	RISB-31-0.5-20141119	11/19/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00054	0.00027	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	SA151	SA151-0.5B	9/17/2009	VOCs	0.99	103-65-1	n-Propylbenzene	0.00054	0.00027	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	103-65-1	n-Propylbenzene	0.00054	0.00027	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	103-65-1	n-Propylbenzene	0.00054	0.00027	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	103-65-1	n-Propylbenzene	0.00054	0.00027	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	VOCs	1.33	103-65-1	n-Propylbenzene	0.00053	0.000265	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	VOCs	0.98	103-65-1	n-Propylbenzene	0.00053	0.000265	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00053	0.000265	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	VOCs	1	103-65-1	n-Propylbenzene	0.00052	0.00026	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00052	0.00026	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00052	0.00026	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00052	0.00026	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	SSAN7-06	SSAN7-06-0.5BPC	9/7/2010	VOCs	1	103-65-1	n-Propylbenzene	0.00052	0.00026	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00052	0.00026	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	VOCs	1	103-65-1	n-Propylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RISB-30	RISB-30-0.5-20141118	11/18/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RISB-35	RISB-35-0.5-20141119	11/19/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RISB-54	RISB-54-0.5-20141117	11/17/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RISB-33	RISB-33-0.5-20141119	11/19/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RISB-36	RISB-36-0.5-20141118	11/18/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	103-65-1	n-Propylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	VOCs	0.95	103-65-1	n-Propylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	VOCs	0.93	103-65-1	n-Propylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-2	SA28	SA28-0.5B	8/3/2009	VOCs	0.92	103-65-1	n-Propylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00051	0.000255	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	103-65-1	n-Propylbenzene	0.0005	0.00025	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	103-65-1	n-Propylbenzene	0.0005	0.00025	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	VOCs	1	103-65-1	n-Propylbenzene	0.0005	0.00025	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RISB-34	RISB-34-0.5-20141119	11/19/2014	VOCs	1	103-65-1	n-Propylbenzene	0.0005	0.00025	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	VOCs	1	103-65-1	n-Propylbenzene	0.0005	0.00025	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RISB-53	RISB-53-0.5-20141106	11/6/2014	VOCs	1	103-65-1	n-Propylbenzene	0.0005	0.00025	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RISB-55	RISB-55-0.5-20141114	11/14/2014	VOCs	1	103-65-1	n-Propylbenzene	0.0005	0.00025	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	VOCs	1	103-65-1	n-Propylbenzene	0.0005	0.00025	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00049	0.000245	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	RSAO7	RSAO7-9B	10/12/2009	VOCs	0.89	103-65-1	n-Propylbenzene	0.00049	0.000245	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-2	RISB-56	RISB-56-0.5-20141104	11/4/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00049	0.000245	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00048	0.00024	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00048	0.00024	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00048	0.00024	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00048	0.00024	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-2	SA146	SA146-0.5B	8/4/2009	VOCs	0.88	103-65-1	n-Propylbenzene	0.00048	0.00024	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	SA71	SA71-0.5B	6/16/2009	VOCs	1.2	103-65-1	n-Propylbenzene	0.00048	0.00024	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00048	0.00024	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00048	0.00024	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00048	0.00024	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	VOCs	1	103-65-1	n-Propylbenzene	0.00047	0.000235	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	VOCs	1	103-65-1	n-Propylbenzene	0.00047	0.000235	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00047	0.000235	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00047	0.000235	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-2	SA147	SA147-0.5B	8/4/2009	VOCs	0.83	103-65-1	n-Propylbenzene	0.00047	0.000235	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	RISB-32	RISB-32-0.5-20141120	11/20/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00047	0.000235	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-2	SA121	SA121-0.5B	9/25/2009	VOCs	0.81	103-65-1	n-Propylbenzene	0.00046	0.00023	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-3	SA197	SA197-0.5B	6/19/2009	VOCs	1.07	103-65-1	n-Propylbenzene	0.00046	0.00023	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	SA145	SA145-0.5B	6/12/2009	VOCs	1.14	103-65-1	n-Propylbenzene	0.00046	0.00023	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	SSAO7-06	SSAO7-06-0.5BPC	9/27/2010	VOCs	1	103-65-1	n-Propylbenzene	0.00045	0.000225	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	VOCs	1	103-65-1	n-Propylbenzene	0.00044	0.00022	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-2	RISB-57	RISB-57-0.5-20141103	11/3/2014	VOCs	1	103-65-1	n-Propylbenzene	0.00044	0.00022	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	VOCs	1.09	103-65-1	n-Propylbenzene	0.00044	0.00022	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	VOCs	1.08	103-65-1	n-Propylbenzene	0.00044	0.00022	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	VOCs	0.99	103-65-1	n-Propylbenzene	0.00043	0.000215	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	VOCs	1	103-65-1	n-Propylbenzene	0.00043	0.000215	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	VOCs	1.04	103-65-1	n-Propylbenzene	0.00042	0.00021	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	103-65-1	n-Propylbenzene	0.00042	0.00021	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA85	SA85-0.5B	6/16/2009	VOCs	1.02	103-65-1	n-Propylbenzene	0.00042	0.00021	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	103-65-1	n-Propylbenzene	0.00041	0.000205	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA186	SA186-0.5B	6/29/2009	VOCs	1	103-65-1	n-Propylbenzene	0.00041	0.000205	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA166	SA166-0.5B	6/11/2009	VOCs	1	103-65-1	n-Propylbenzene	0.00041	0.000205	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SSAO8-05	SSAO8-05-0.5BPC	9/27/2010	VOCs	1	103-65-1	n-Propylbenzene	0.00041	0.000205	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA50	SA50-0.5B	6/30/2009	VOCs	0.97	103-65-1	n-Propylbenzene	0.00041	0.000205	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	VOCs	1	103-65-1	n-Propylbenzene	0.00041	0.000205	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA69	SA69-0.5B	7/7/2009	VOCs	0.72	103-65-1	n-Propylbenzene	0.00041	0.000205	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	103-65-1	n-Propylbenzene	0.0004	0.0002	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	103-65-1	n-Propylbenzene	0.0004	0.0002	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	VOCs	0.97	103-65-1	n-Propylbenzene	0.0004	0.0002	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	VOCs	0.97	103-65-1	n-Propylbenzene	0.0004	0.0002	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA62	SA62-0.5B	6/16/2009	VOCs	0.97	103-65-1	n-Propylbenzene	0.0004	0.0002	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	VOCs	1	103-65-1	n-Propylbenzene	0.0004	0.0002	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	VOCs	0.93	103-65-1	n-Propylbenzene	0.00038	0.00019	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	VOCs	0.71	103-65-1	n-Propylbenzene	0.00038	0.00019	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA185	SA185-0.5B	6/29/2009	VOCs	0.89	103-65-1	n-Propylbenzene	0.00038	0.00019	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA176	SA176-0.5B	6/10/2009	VOCs	0.92	103-65-1	n-Propylbenzene	0.00038	0.00019	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA152	SA152-0.5B	6/4/2009	VOCs	0.93	103-65-1	n-Propylbenzene	0.00038	0.00019	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA75	SA75-0.5B	7/17/2009	VOCs	0.91	103-65-1	n-Propylbenzene	0.00038	0.00019	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	VOCs	0.91	103-65-1	n-Propylbenzene	0.00037	0.000185	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	VOCs	0.91	103-65-1	n-Propylbenzene	0.00037	0.000185	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	VOCs	0.91	103-65-1	n-Propylbenzene	0.00037	0.000185	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA152	SA152009-0.5B	6/4/2009	VOCs	0.9	103-65-1	n-Propylbenzene	0.00037	0.000185	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-3	SA64	SA64-0.5B	6/19/2009	VOCs	0.88	103-65-1	n-Propylbenzene	0.00037	0.000185	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA173	SA173-0.5B	7/27/2009	VOCs	0.9	103-65-1	n-Propylbenzene	0.00037	0.000185	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	VOCs	0.91	103-65-1	n-Propylbenzene	0.00037	0.000185	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	VOCs	1.15	103-65-1	n-Propylbenzene	0.00036	0.00018	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	VOCs	1.08	103-65-1	n-Propylbenzene	0.00036	0.00018	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA55	SA55-0.5B	6/10/2009	VOCs	0.89	103-65-1	n-Propylbenzene	0.00036	0.00018	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA87	SA87-0.5B	6/25/2008	VOCs	1.02	103-65-1	n-Propylbenzene	0.00036	0.00018	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA180	SA180-0.5B	6/26/2008	VOCs	0.91	103-65-1	n-Propylbenzene	0.00036	0.00018	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA180	SA180-0.5BD	6/26/2008	VOCs	0.95	103-65-1	n-Propylbenzene	0.00036	0.00018	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA189	SA189-0.5B	6/4/2009	VOCs	0.85	103-65-1	n-Propylbenzene	0.00036	0.00018	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA92	SA92-0.5B	6/17/2009	VOCs	0.89	103-65-1	n-Propylbenzene	0.00036	0.00018	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	103-65-1	n-Propylbenzene	0.00036	0.00018	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	VOCs	0.86	103-65-1	n-Propylbenzene	0.00035	0.000175	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	SA158	SA158-0.5B	6/17/2009	VOCs	0.85	103-65-1	n-Propylbenzene	0.00035	0.000175	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	VOCs	0.63	103-65-1	n-Propylbenzene	0.00034	0.00017	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	VOCs	0.63	103-65-1	n-Propylbenzene	0.00034	0.00017	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	SSAN8-07	SSAN8-07-0.5BPC	9/7/2010	VOCs	1	103-65-1	n-Propylbenzene	0.00034	0.00017	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	SSAO8-08	SSAO8-08-0.5BPC	9/27/2010	VOCs	1	103-65-1	n-Propylbenzene	0.00034	0.00017	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	103-65-1	n-Propylbenzene	0.00034	0.00017	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	SA179	SA179-0.5B	7/28/2009	VOCs	0.79	103-65-1	n-Propylbenzene	0.00034	0.00017	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	SA73	SA73-0.5B	7/29/2009	VOCs	0.77	103-65-1	n-Propylbenzene	0.00033	0.000165	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	103-65-1	n-Propylbenzene	0.00033	0.000165	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	103-65-1	n-Propylbenzene	0.00033	0.000165	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	VOCs	1	103-65-1	n-Propylbenzene	0.00033	0.000165	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	VOCs	0.76	103-65-1	n-Propylbenzene	0.00032	0.00016	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	VOCs	0.74	103-65-1	n-Propylbenzene	0.00032	0.00016	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	VOCs	1	103-65-1	n-Propylbenzene	0.00031	0.000155	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	SA74	SA74-0.5B	7/15/2009	VOCs	0.72	103-65-1	n-Propylbenzene	0.00031	0.000155	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00002
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	VOCs	0.71	103-65-1	n-Propylbenzene	0.00029	0.000145	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00001
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	VOCs	0.68	103-65-1	n-Propylbenzene	0.00029	0.000145	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00001
DU-1	SA74	SA74009-0.5B	7/15/2009	VOCs	0.65	103-65-1	n-Propylbenzene	0.00028	0.00014	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00001
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	VOCs	0.63	103-65-1	n-Propylbenzene	0.00027	0.000135	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00001
DU-1	SA72	SA72-0.5B	7/27/2009	VOCs	0.64	103-65-1	n-Propylbenzene	0.00027	0.000135	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00001
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	VOCs	0.6	103-65-1	n-Propylbenzene	0.00026	0.00013	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00003	0.00001

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA173	SA173009-0.5B	7/27/2009	VOCs	0.58	103-65-1	n-Propylbenzene	0.00024	0.00012	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00002	0.00001
DU-1	SA20	SA20-0.5D	11/16/2006	OPPs	1	56-38-2	Parathion	0.022	0.011	mg/kg	0.00019	R4 Inverts	100	60
DU-1	SA12	SA12-0.5	11/10/2006	OPPs	1	56-38-2	Parathion	0.02	0.01	mg/kg	0.00019	R4 Inverts	100	50
DU-1	SA11	SA11-0.5D	11/9/2006	OPPs	1	56-38-2	Parathion	0.02	0.01	mg/kg	0.00019	R4 Inverts	100	50
DU-1	SA18	SA18-0.5	11/15/2006	OPPs	1	56-38-2	Parathion	0.02	0.01	mg/kg	0.00019	R4 Inverts	100	50
DU-1	SA20	SA20-0.5	11/16/2006	OPPs	1	56-38-2	Parathion	0.02	0.01	mg/kg	0.00019	R4 Inverts	100	50
DU-1	SA19	SA19-0.5	11/16/2006	OPPs	1	56-38-2	Parathion	0.02	0.01	mg/kg	0.00019	R4 Inverts	100	50
DU-1	SA11	SA11-0.5	11/9/2006	OPPs	1	56-38-2	Parathion	0.019	0.0095	mg/kg	0.00019	R4 Inverts	100	50
DU-1	SA18	SA18-0.5D	11/15/2006	OPPs	1	56-38-2	Parathion	0.019	0.0095	mg/kg	0.00019	R4 Inverts	100	50
DU-2	SA02	SA2-0.5	11/3/2006	OPPs	1	56-38-2	Parathion	0.019	0.0095	mg/kg	0.00019	R4 Inverts	100	50
DU-3	SA16	SA16-0.5	11/9/2006	OPPs	1	56-38-2	Parathion	0.019	0.0095	mg/kg	0.00019	R4 Inverts	100	50
DU-2	SA07	SA7-0.5	11/20/2006	OPPs	1	56-38-2	Parathion	0.019	0.0095	mg/kg	0.00019	R4 Inverts	100	50
DU-1	SA21	SA21-0.5	11/15/2006	OPPs	1	56-38-2	Parathion	0.019	0.0095	mg/kg	0.00019	R4 Inverts	100	50
DU-1	SA166	SA166-0.5B	6/11/2009	OPPs	1	56-38-2	Parathion	0.0063	0.00315	mg/kg	0.00019	R4 Inverts	30	20
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OPPs	1	56-38-2	Parathion	0.0058	0.0029	mg/kg	0.00019	R4 Inverts	30	20
DU-2	RSAP7	RSAP7-0.0B	10/27/2009	OPPs	1	56-38-2	Parathion	0.0057	0.00285	mg/kg	0.00019	R4 Inverts	30	20
DU-3	SA128	SA128-10B	9/16/2009	OPPs	1	56-38-2	Parathion	0.0057	0.00285	mg/kg	0.00019	R4 Inverts	30	20
DU-1	SA73	SA73-0.5B	7/29/2009	OPPs	1	56-38-2	Parathion	0.0057	0.00285	mg/kg	0.00019	R4 Inverts	30	20
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OPPs	1	56-38-2	Parathion	0.0057	0.00285	mg/kg	0.00019	R4 Inverts	30	20
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OPPs	1	56-38-2	Parathion	0.0056	0.0028	mg/kg	0.00019	R4 Inverts	30	10
DU-1	SA176	SA176-0.5B	6/10/2009	OPPs	1	56-38-2	Parathion	0.0056	0.0028	mg/kg	0.00019	R4 Inverts	30	10
DU-1	SA35	SA35-0.5B	6/10/2009	OPPs	1	56-38-2	Parathion	0.0056	0.0028	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OPPs	1	56-38-2	Parathion	0.0055	0.00275	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OPPs	1	56-38-2	Parathion	0.0055	0.00275	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OPPs	1	56-38-2	Parathion	0.0055	0.00275	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OPPs	1	56-38-2	Parathion	0.0055	0.00275	mg/kg	0.00019	R4 Inverts	30	10
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OPPs	1	56-38-2	Parathion	0.0055	0.00275	mg/kg	0.00019	R4 Inverts	30	10
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OPPs	1	56-38-2	Parathion	0.0055	0.00275	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OPPs	1	56-38-2	Parathion	0.0055	0.00275	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OPPs	1	56-38-2	Parathion	0.0055	0.00275	mg/kg	0.00019	R4 Inverts	30	10
DU-1	SA85	SA85-0.5B	6/16/2009	OPPs	1	56-38-2	Parathion	0.0055	0.00275	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OPPs	1	56-38-2	Parathion	0.0055	0.00275	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
DU-1	SA92	SA92-0.5B	6/17/2009	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OPPs	1	56-38-2	Parathion	0.0053	0.00265	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OPPs	1	56-38-2	Parathion	0.0053	0.00265	mg/kg	0.00019	R4 Inverts	30	10
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OPPs	1	56-38-2	Parathion	0.0052	0.0026	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OPPs	1	56-38-2	Parathion	0.0052	0.0026	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OPPs	1	56-38-2	Parathion	0.0052	0.0026	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OPPs	1	56-38-2	Parathion	0.0052	0.0026	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OPPs	1	56-38-2	Parathion	0.0051	0.00255	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OPPs	1	56-38-2	Parathion	0.0051	0.00255	mg/kg	0.00019	R4 Inverts	30	10
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OPPs	1	56-38-2	Parathion	0.0051	0.00255	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OPPs	1	56-38-2	Parathion	0.0051	0.00255	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OPPs	1	56-38-2	Parathion	0.005	0.0025	mg/kg	0.00019	R4 Inverts	30	10
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	99-87-6	p-Cymene	0.0062	0.0031	mg/kg	0.18	R4 Inverts	0.03	0.02

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	99-87-6	p-Cymene	0.0059	0.00295	mg/kg	0.18	R4 Inverts	0.03	0.02
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	99-87-6	p-Cymene	0.0057	0.00285	mg/kg	0.18	R4 Inverts	0.03	0.02
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	99-87-6	p-Cymene	0.0056	0.0028	mg/kg	0.18	R4 Inverts	0.03	0.02
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	99-87-6	p-Cymene	0.0056	0.0028	mg/kg	0.18	R4 Inverts	0.03	0.02
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	99-87-6	p-Cymene	0.0055	0.00275	mg/kg	0.18	R4 Inverts	0.03	0.02
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	99-87-6	p-Cymene	0.0055	0.00275	mg/kg	0.18	R4 Inverts	0.03	0.02
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	99-87-6	p-Cymene	0.0055	0.00275	mg/kg	0.18	R4 Inverts	0.03	0.02
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	99-87-6	p-Cymene	0.0054	0.0027	mg/kg	0.18	R4 Inverts	0.03	0.02
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	99-87-6	p-Cymene	0.0053	0.00265	mg/kg	0.18	R4 Inverts	0.03	0.01
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	99-87-6	p-Cymene	0.0053	0.00265	mg/kg	0.18	R4 Inverts	0.03	0.01
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	99-87-6	p-Cymene	0.0053	0.00265	mg/kg	0.18	R4 Inverts	0.03	0.01
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	99-87-6	p-Cymene	0.0053	0.00265	mg/kg	0.18	R4 Inverts	0.03	0.01
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	99-87-6	p-Cymene	0.0052	0.0026	mg/kg	0.18	R4 Inverts	0.03	0.01
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	99-87-6	p-Cymene	0.0049	0.00245	mg/kg	0.18	R4 Inverts	0.03	0.01
DU-1	SA157	SA157-0.5B	10/20/2009	VOCs	1.89	99-87-6	p-Cymene	0.0014	0.0007	mg/kg	0.18	R4 Inverts	0.008	0.004
DU-3	SA65	SA65-10B	8/25/2009	VOCs	1.68	99-87-6	p-Cymene	0.0012	0.0006	mg/kg	0.18	R4 Inverts	0.007	0.003
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	99-87-6	p-Cymene	0.00097	0.000485	mg/kg	0.18	R4 Inverts	0.005	0.003
DU-2	SA103	SA103-0.5B	10/6/2009	VOCs	1.34	99-87-6	p-Cymene	0.00092	0.00046	mg/kg	0.18	R4 Inverts	0.005	0.003
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	VOCs	1	99-87-6	p-Cymene	0.00082	0.00041	mg/kg	0.18	R4 Inverts	0.005	0.002
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	VOCs	1.14	99-87-6	p-Cymene	0.0008	0.0004	mg/kg	0.18	R4 Inverts	0.004	0.002
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	99-87-6	p-Cymene	0.00076	0.00038	mg/kg	0.18	R4 Inverts	0.004	0.002
DU-2	SA116	SA116-0.5B	9/2/2009	VOCs	1.08	99-87-6	p-Cymene	0.00075	0.000375	mg/kg	0.18	R4 Inverts	0.004	0.002
DU-2	SA212	SA212-0.5B	9/28/2009	VOCs	1.09	99-87-6	p-Cymene	0.00074	0.00037	mg/kg	0.18	R4 Inverts	0.004	0.002
DU-1	SA141	SA141009-14B	10/15/2009	VOCs	1.07	99-87-6	p-Cymene	0.00074	0.00037	mg/kg	0.18	R4 Inverts	0.004	0.002
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	VOCs	1.04	99-87-6	p-Cymene	0.00073	0.000365	mg/kg	0.18	R4 Inverts	0.004	0.002
DU-2	SA121	SA121009-0.5B	9/25/2009	VOCs	1.02	99-87-6	p-Cymene	0.00072	0.00036	mg/kg	0.18	R4 Inverts	0.004	0.002
DU-2	SA138	SA138-0.5B	10/6/2009	VOCs	1.03	99-87-6	p-Cymene	0.0007	0.00035	mg/kg	0.18	R4 Inverts	0.004	0.002
DU-3	SA128	SA128-10B	9/16/2009	VOCs	0.99	99-87-6	p-Cymene	0.00069	0.000345	mg/kg	0.18	R4 Inverts	0.004	0.002
DU-1	SA151	SA151-0.5B	9/17/2009	VOCs	0.99	99-87-6	p-Cymene	0.00068	0.00034	mg/kg	0.18	R4 Inverts	0.004	0.002
DU-1	SA171	SA171-5B	10/19/2009	VOCs	0.98	99-87-6	p-Cymene	0.00068	0.00034	mg/kg	0.18	R4 Inverts	0.004	0.002
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	99-87-6	p-Cymene	0.00067	0.000335	mg/kg	0.18	R4 Inverts	0.004	0.002
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	99-87-6	p-Cymene	0.00067	0.000335	mg/kg	0.18	R4 Inverts	0.004	0.002
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	99-87-6	p-Cymene	0.00067	0.000335	mg/kg	0.18	R4 Inverts	0.004	0.002
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	VOCs	0.98	99-87-6	p-Cymene	0.00066	0.00033	mg/kg	0.18	R4 Inverts	0.004	0.002
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	VOCs	0.95	99-87-6	p-Cymene	0.00064	0.00032	mg/kg	0.18	R4 Inverts	0.004	0.002
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	VOCs	0.93	99-87-6	p-Cymene	0.00064	0.00032	mg/kg	0.18	R4 Inverts	0.004	0.002
DU-2	SA28	SA28-0.5B	8/3/2009	VOCs	0.92	99-87-6	p-Cymene	0.00064	0.00032	mg/kg	0.18	R4 Inverts	0.004	0.002
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	99-87-6	p-Cymene	0.00063	0.000315	mg/kg	0.18	R4 Inverts	0.004	0.002
DU-1	RSAO7	RSAO7-9B	10/12/2009	VOCs	0.89	99-87-6	p-Cymene	0.00062	0.00031	mg/kg	0.18	R4 Inverts	0.003	0.002
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	VOCs	1.33	99-87-6	p-Cymene	0.0006	0.0003	mg/kg	0.18	R4 Inverts	0.003	0.002
DU-2	SA146	SA146-0.5B	8/4/2009	VOCs	0.88	99-87-6	p-Cymene	0.0006	0.0003	mg/kg	0.18	R4 Inverts	0.003	0.002
DU-2	SA147	SA147-0.5B	8/4/2009	VOCs	0.83	99-87-6	p-Cymene	0.00059	0.000295	mg/kg	0.18	R4 Inverts	0.003	0.002
DU-1	RISB-37	RISB-37-0.5-20141117	11/17/2014	VOCs	1	99-87-6	p-Cymene	0.00058	0.00029	mg/kg	0.18	R4 Inverts	0.003	0.002
DU-2	SA121	SA121-0.5B	9/25/2009	VOCs	0.81	99-87-6	p-Cymene	0.00057	0.000285	mg/kg	0.18	R4 Inverts	0.003	0.002
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	VOCs	1	99-87-6	p-Cymene	0.00055	0.000275	mg/kg	0.18	R4 Inverts	0.003	0.002
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	VOCs	1	99-87-6	p-Cymene	0.00054	0.00027	mg/kg	0.18	R4 Inverts	0.003	0.002
DU-1	RISB-31	RISB-31-0.5-20141119	11/19/2014	VOCs	1	99-87-6	p-Cymene	0.00054	0.00027	mg/kg	0.18	R4 Inverts	0.003	0.002
DU-1	SA71	SA71-0.5B	6/16/2009	VOCs	1.2	99-87-6	p-Cymene	0.00054	0.00027	mg/kg	0.18	R4 Inverts	0.003	0.002
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	VOCs	1	99-87-6	p-Cymene	0.00053	0.000265	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	VOCs	1	99-87-6	p-Cymene	0.00052	0.00026	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	VOCs	1	99-87-6	p-Cymene	0.00052	0.00026	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	VOCs	1	99-87-6	p-Cymene	0.00052	0.00026	mg/kg	0.18	R4 Inverts	0.003	0.001

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	VOCs	1	99-87-6	p-Cymene	0.00052	0.00026	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	SA145	SA145-0.5B	6/12/2009	VOCs	1.14	99-87-6	p-Cymene	0.00052	0.00026	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	VOCs	1	99-87-6	p-Cymene	0.00052	0.00026	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	VOCs	1	99-87-6	p-Cymene	0.00051	0.000255	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RISB-30	RISB-30-0.5-20141118	11/18/2014	VOCs	1	99-87-6	p-Cymene	0.00051	0.000255	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RISB-35	RISB-35-0.5-20141119	11/19/2014	VOCs	1	99-87-6	p-Cymene	0.00051	0.000255	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RISB-54	RISB-54-0.5-20141117	11/17/2014	VOCs	1	99-87-6	p-Cymene	0.00051	0.000255	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RISB-33	RISB-33-0.5-20141119	11/19/2014	VOCs	1	99-87-6	p-Cymene	0.00051	0.000255	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	VOCs	1	99-87-6	p-Cymene	0.00051	0.000255	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RISB-36	RISB-36-0.5-20141118	11/18/2014	VOCs	1	99-87-6	p-Cymene	0.00051	0.000255	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	VOCs	1	99-87-6	p-Cymene	0.00051	0.000255	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	VOCs	1	99-87-6	p-Cymene	0.00051	0.000255	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	VOCs	1	99-87-6	p-Cymene	0.00051	0.000255	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	VOCs	1	99-87-6	p-Cymene	0.00051	0.000255	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-3	SA197	SA197-0.5B	6/19/2009	VOCs	1.07	99-87-6	p-Cymene	0.00051	0.000255	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	SA69	SA69-0.5B	7/7/2009	VOCs	0.72	99-87-6	p-Cymene	0.00051	0.000255	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	VOCs	1	99-87-6	p-Cymene	0.00051	0.000255	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	99-87-6	p-Cymene	0.00051	0.000255	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	99-87-6	p-Cymene	0.00051	0.000255	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	VOCs	1	99-87-6	p-Cymene	0.00051	0.000255	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	99-87-6	p-Cymene	0.0005	0.00025	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	99-87-6	p-Cymene	0.0005	0.00025	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	VOCs	1	99-87-6	p-Cymene	0.0005	0.00025	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RISB-34	RISB-34-0.5-20141119	11/19/2014	VOCs	1	99-87-6	p-Cymene	0.0005	0.00025	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	VOCs	1	99-87-6	p-Cymene	0.0005	0.00025	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RISB-53	RISB-53-0.5-20141106	11/6/2014	VOCs	1	99-87-6	p-Cymene	0.0005	0.00025	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	VOCs	1.09	99-87-6	p-Cymene	0.0005	0.00025	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RISB-55	RISB-55-0.5-20141114	11/14/2014	VOCs	1	99-87-6	p-Cymene	0.0005	0.00025	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	VOCs	1	99-87-6	p-Cymene	0.0005	0.00025	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	VOCs	1	99-87-6	p-Cymene	0.00049	0.000245	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	VOCs	0.99	99-87-6	p-Cymene	0.00049	0.000245	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	VOCs	1.08	99-87-6	p-Cymene	0.00049	0.000245	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-2	RISB-56	RISB-56-0.5-20141104	11/4/2014	VOCs	1	99-87-6	p-Cymene	0.00049	0.000245	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	VOCs	1	99-87-6	p-Cymene	0.00048	0.00024	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	VOCs	1	99-87-6	p-Cymene	0.00048	0.00024	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	VOCs	1	99-87-6	p-Cymene	0.00048	0.00024	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	VOCs	1	99-87-6	p-Cymene	0.00048	0.00024	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	VOCs	1	99-87-6	p-Cymene	0.00048	0.00024	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	VOCs	1.04	99-87-6	p-Cymene	0.00048	0.00024	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	VOCs	0.71	99-87-6	p-Cymene	0.00048	0.00024	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	99-87-6	p-Cymene	0.00048	0.00024	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	VOCs	1	99-87-6	p-Cymene	0.00048	0.00024	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	VOCs	1	99-87-6	p-Cymene	0.00048	0.00024	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	VOCs	1	99-87-6	p-Cymene	0.00048	0.00024	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	VOCs	1	99-87-6	p-Cymene	0.00047	0.000235	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	VOCs	1	99-87-6	p-Cymene	0.00047	0.000235	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	VOCs	1	99-87-6	p-Cymene	0.00047	0.000235	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	VOCs	1	99-87-6	p-Cymene	0.00047	0.000235	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	SA186	SA186-0.5B	6/29/2009	VOCs	1	99-87-6	p-Cymene	0.00047	0.000235	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	SA85	SA85-0.5B	6/16/2009	VOCs	1.02	99-87-6	p-Cymene	0.00047	0.000235	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RISB-32	RISB-32-0.5-20141120	11/20/2014	VOCs	1	99-87-6	p-Cymene	0.00047	0.000235	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	99-87-6	p-Cymene	0.00046	0.00023	mg/kg	0.18	R4 Inverts	0.003	0.001

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA166	SA166-0.5B	6/11/2009	VOCs	1	99-87-6	p-Cymene	0.00046	0.00023	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	SA50	SA50-0.5B	6/30/2009	VOCs	0.97	99-87-6	p-Cymene	0.00046	0.00023	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	99-87-6	p-Cymene	0.00045	0.000225	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	99-87-6	p-Cymene	0.00045	0.000225	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	VOCs	0.97	99-87-6	p-Cymene	0.00045	0.000225	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	VOCs	0.97	99-87-6	p-Cymene	0.00045	0.000225	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	SA62	SA62-0.5B	6/16/2009	VOCs	0.97	99-87-6	p-Cymene	0.00045	0.000225	mg/kg	0.18	R4 Inverts	0.003	0.001
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	VOCs	1	99-87-6	p-Cymene	0.00044	0.00022	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-2	RISB-57	RISB-57-0.5-20141103	11/3/2014	VOCs	1	99-87-6	p-Cymene	0.00044	0.00022	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SSAN7-06	SSAN7-06-0.5BPC	9/7/2010	VOCs	1	99-87-6	p-Cymene	0.00044	0.00022	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	VOCs	0.93	99-87-6	p-Cymene	0.00043	0.000215	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	VOCs	0.63	99-87-6	p-Cymene	0.00043	0.000215	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	VOCs	0.63	99-87-6	p-Cymene	0.00043	0.000215	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SA176	SA176-0.5B	6/10/2009	VOCs	0.92	99-87-6	p-Cymene	0.00043	0.000215	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SA152	SA152-0.5B	6/4/2009	VOCs	0.93	99-87-6	p-Cymene	0.00043	0.000215	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SA75	SA75-0.5B	7/17/2009	VOCs	0.91	99-87-6	p-Cymene	0.00043	0.000215	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	VOCs	0.91	99-87-6	p-Cymene	0.00042	0.00021	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	VOCs	0.91	99-87-6	p-Cymene	0.00042	0.00021	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	VOCs	0.91	99-87-6	p-Cymene	0.00042	0.00021	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SA185	SA185-0.5B	6/29/2009	VOCs	0.89	99-87-6	p-Cymene	0.00042	0.00021	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-3	SA64	SA64-0.5B	6/19/2009	VOCs	0.88	99-87-6	p-Cymene	0.00042	0.00021	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SA173	SA173-0.5B	7/27/2009	VOCs	0.9	99-87-6	p-Cymene	0.00042	0.00021	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	VOCs	0.91	99-87-6	p-Cymene	0.00042	0.00021	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	VOCs	1.15	99-87-6	p-Cymene	0.00041	0.000205	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	VOCs	1.08	99-87-6	p-Cymene	0.00041	0.000205	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SA55	SA55-0.5B	6/10/2009	VOCs	0.89	99-87-6	p-Cymene	0.00041	0.000205	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SA152	SA152009-0.5B	6/4/2009	VOCs	0.9	99-87-6	p-Cymene	0.00041	0.000205	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SA87	SA87-0.5B	6/25/2008	VOCs	1.02	99-87-6	p-Cymene	0.00041	0.000205	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SA180	SA180-0.5BD	6/26/2008	VOCs	0.95	99-87-6	p-Cymene	0.00041	0.000205	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SA180	SA180-0.5B	6/26/2008	VOCs	0.91	99-87-6	p-Cymene	0.00041	0.000205	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SA92	SA92-0.5B	6/17/2009	VOCs	0.89	99-87-6	p-Cymene	0.00041	0.000205	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	99-87-6	p-Cymene	0.00041	0.000205	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	VOCs	0.86	99-87-6	p-Cymene	0.0004	0.0002	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SA189	SA189-0.5B	6/4/2009	VOCs	0.85	99-87-6	p-Cymene	0.0004	0.0002	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SA158	SA158-0.5B	6/17/2009	VOCs	0.85	99-87-6	p-Cymene	0.00039	0.000195	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SA179	SA179-0.5B	7/28/2009	VOCs	0.79	99-87-6	p-Cymene	0.00039	0.000195	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SSAO7-06	SSAO7-06-0.5BPC	9/27/2010	VOCs	1	99-87-6	p-Cymene	0.00038	0.00019	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SA73	SA73-0.5B	7/29/2009	VOCs	0.77	99-87-6	p-Cymene	0.00037	0.000185	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	VOCs	0.76	99-87-6	p-Cymene	0.00036	0.00018	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	VOCs	0.74	99-87-6	p-Cymene	0.00036	0.00018	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	VOCs	1	99-87-6	p-Cymene	0.00036	0.00018	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SA74	SA74-0.5B	7/15/2009	VOCs	0.72	99-87-6	p-Cymene	0.00035	0.000175	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SSAO8-05	SSAO8-05-0.5BPC	9/27/2010	VOCs	1	99-87-6	p-Cymene	0.00035	0.000175	mg/kg	0.18	R4 Inverts	0.002	0.001
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	VOCs	1	99-87-6	p-Cymene	0.00034	0.00017	mg/kg	0.18	R4 Inverts	0.002	0.0009
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	VOCs	1	99-87-6	p-Cymene	0.00034	0.00017	mg/kg	0.18	R4 Inverts	0.002	0.0009
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	VOCs	0.71	99-87-6	p-Cymene	0.00033	0.000165	mg/kg	0.18	R4 Inverts	0.002	0.0009
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	VOCs	0.68	99-87-6	p-Cymene	0.00033	0.000165	mg/kg	0.18	R4 Inverts	0.002	0.0009
DU-1	SA74	SA74009-0.5B	7/15/2009	VOCs	0.65	99-87-6	p-Cymene	0.00032	0.00016	mg/kg	0.18	R4 Inverts	0.002	0.0009
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	VOCs	0.63	99-87-6	p-Cymene	0.0003	0.00015	mg/kg	0.18	R4 Inverts	0.002	0.0008
DU-1	SA72	SA72-0.5B	7/27/2009	VOCs	0.64	99-87-6	p-Cymene	0.0003	0.00015	mg/kg	0.18	R4 Inverts	0.002	0.0008
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	VOCs	0.6	99-87-6	p-Cymene	0.00029	0.000145	mg/kg	0.18	R4 Inverts	0.002	0.0008
DU-1	SSAO8-08	SSAO8-08-0.5BPC	9/27/2010	VOCs	1	99-87-6	p-Cymene	0.00029	0.000145	mg/kg	0.18	R4 Inverts	0.002	0.0008

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	99-87-6	p-Cymene	0.00029	0.000145	mg/kg	0.18	R4 Inverts	0.002	0.0008
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	99-87-6	p-Cymene	0.00028	0.00014	mg/kg	0.18	R4 Inverts	0.002	0.0008
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	99-87-6	p-Cymene	0.00028	0.00014	mg/kg	0.18	R4 Inverts	0.002	0.0008
DU-1	SSAN8-07	SSAN8-07-0.5BPC	9/7/2010	VOCs	1	99-87-6	p-Cymene	0.00028	0.00014	mg/kg	0.18	R4 Inverts	0.002	0.0008
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	VOCs	1	99-87-6	p-Cymene	0.00028	0.00014	mg/kg	0.18	R4 Inverts	0.002	0.0008
DU-1	SA173	SA173009-0.5B	7/27/2009	VOCs	0.58	99-87-6	p-Cymene	0.00027	0.000135	mg/kg	0.18	R4 Inverts	0.002	0.0008
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	VOCs	1	99-87-6	p-Cymene	0.00026	0.00013	mg/kg	0.18	R4 Inverts	0.001	0.0007
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	99-87-6	p-Cymene	0.00026	0.00013	mg/kg	0.18	R4 Inverts	0.001	0.0007
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	99-87-6	p-Cymene	0.00025	0.000125	mg/kg	0.18	R4 Inverts	0.001	0.0007
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	99-87-6	p-Cymene	0.00025	0.000125	mg/kg	0.18	R4 Inverts	0.001	0.0007
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	99-87-6	p-Cymene	0.00025	0.000125	mg/kg	0.18	R4 Inverts	0.001	0.0007
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	99-87-6	p-Cymene	0.00025	0.000125	mg/kg	0.18	R4 Inverts	0.001	0.0007
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	99-87-6	p-Cymene	0.00024	0.00012	mg/kg	0.18	R4 Inverts	0.001	0.0007
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	99-87-6	p-Cymene	0.00024	0.00012	mg/kg	0.18	R4 Inverts	0.001	0.0007
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	608-93-5	Pentachlorobenzene	0.036	0.018	mg/kg	0.5	R4 Mammals	0.07	0.04
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	608-93-5	Pentachlorobenzene	0.035	0.0175	mg/kg	0.5	R4 Mammals	0.07	0.04
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	608-93-5	Pentachlorobenzene	0.035	0.0175	mg/kg	0.5	R4 Mammals	0.07	0.04
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	608-93-5	Pentachlorobenzene	0.034	0.017	mg/kg	0.5	R4 Mammals	0.07	0.03
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	608-93-5	Pentachlorobenzene	0.034	0.017	mg/kg	0.5	R4 Mammals	0.07	0.03
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	608-93-5	Pentachlorobenzene	0.034	0.017	mg/kg	0.5	R4 Mammals	0.07	0.03
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	608-93-5	Pentachlorobenzene	0.034	0.017	mg/kg	0.5	R4 Mammals	0.07	0.03
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	87-86-5	Pentachlorophenol	10	5	mg/kg	2.1	Eco-SSL Birds	5	2
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	87-86-5	Pentachlorophenol	4.2	2.1	mg/kg	2.1	Eco-SSL Birds	2	**1**
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	87-86-5	Pentachlorophenol	0.79	0.395	mg/kg	2.1	Eco-SSL Birds	0.4	0.2
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	87-86-5	Pentachlorophenol	0.79	0.395	mg/kg	2.1	Eco-SSL Birds	0.4	0.2
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	87-86-5	Pentachlorophenol	0.74	0.37	mg/kg	2.1	Eco-SSL Birds	0.4	0.2
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.73	0.365	mg/kg	2.1	Eco-SSL Birds	0.3	0.2
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	87-86-5	Pentachlorophenol	0.71	0.355	mg/kg	2.1	Eco-SSL Birds	0.3	0.2
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	87-86-5	Pentachlorophenol	0.37	0.185	mg/kg	2.1	Eco-SSL Birds	0.2	0.09
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	87-86-5	Pentachlorophenol	0.37	0.185	mg/kg	2.1	Eco-SSL Birds	0.2	0.09
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	87-86-5	Pentachlorophenol	0.37	0.185	mg/kg	2.1	Eco-SSL Birds	0.2	0.09
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	87-86-5	Pentachlorophenol	0.37	0.185	mg/kg	2.1	Eco-SSL Birds	0.2	0.09
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.37	0.185	mg/kg	2.1	Eco-SSL Birds	0.2	0.09
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	87-86-5	Pentachlorophenol	0.36	0.18	mg/kg	2.1	Eco-SSL Birds	0.2	0.09
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.36	0.18	mg/kg	2.1	Eco-SSL Birds	0.2	0.09
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.36	0.18	mg/kg	2.1	Eco-SSL Birds	0.2	0.09
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	87-86-5	Pentachlorophenol	0.36	0.18	mg/kg	2.1	Eco-SSL Birds	0.2	0.09
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.36	0.18	mg/kg	2.1	Eco-SSL Birds	0.2	0.09
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.36	0.18	mg/kg	2.1	Eco-SSL Birds	0.2	0.09
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	87-86-5	Pentachlorophenol	0.34	0.17	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.34	0.17	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.34	0.17	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.34	0.17	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.34	0.17	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	87-86-5	Pentachlorophenol	0.34	0.17	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	87-86-5	Pentachlorophenol	0.34	0.17	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	87-86-5	Pentachlorophenol	0.34	0.17	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	87-86-5	Pentachlorophenol	0.34	0.17	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	87-86-5	Pentachlorophenol	0.33	0.165	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OPPs	1	122-34-9	Simazine	0.024	0.012	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OPPs	1	122-34-9	Simazine	0.021	0.0105	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OPPs	1	122-34-9	Simazine	0.021	0.0105	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OPPs	1	122-34-9	Simazine	0.021	0.0105	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OPPs	1	122-34-9	Simazine	0.021	0.0105	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OPPs	1	122-34-9	Simazine	0.021	0.0105	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	TPH	100	TPH-gasoline	Total petroleum hydrocarbon-gasoline	27	13.5	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.3	0.2
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	TPH	197.5	TPH-gasoline	Total petroleum hydrocarbon-gasoline	11	5.5	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.1	0.07
DU-1	SA166	SA166-0.5B	6/11/2009	TPH	136	TPH-gasoline	Total petroleum hydrocarbon-gasoline	7.1	3.55	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.09	0.04
DU-3	SA128	SA128-10B	9/16/2009	TPH	125.5	TPH-gasoline	Total petroleum hydrocarbon-gasoline	6.8	3.4	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.08	0.04
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	TPH	124.5	TPH-gasoline	Total petroleum hydrocarbon-gasoline	6.4	3.2	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.08	0.04
DU-1	SA71	SA71-0.5B	6/16/2009	TPH	115	TPH-gasoline	Total petroleum hydrocarbon-gasoline	5.9	2.95	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.07	0.04
DU-1	SA35	SA35-0.5B	6/10/2009	TPH	99.5	TPH-gasoline	Total petroleum hydrocarbon-gasoline	5.3	2.65	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.07	0.03
DU-1	SA158	SA158-0.5B	6/17/2009	TPH	99.5	TPH-gasoline	Total petroleum hydrocarbon-gasoline	5.1	2.55	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.06	0.03
DU-1	SA50	SA50-0.5B	6/30/2009	TPH	96.5	TPH-gasoline	Total petroleum hydrocarbon-gasoline	5.1	2.55	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.06	0.03
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	TPH	97.5	TPH-gasoline	Total petroleum hydrocarbon-gasoline	5	2.5	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.06	0.03
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	TPH	96.5	TPH-gasoline	Total petroleum hydrocarbon-gasoline	5	2.5	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.06	0.03
DU-1	SA92	SA92-0.5B	6/17/2009	TPH	96	TPH-gasoline	Total petroleum hydrocarbon-gasoline	4.9	2.45	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.06	0.03
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	TPH	--	TPH-gasoline	Total petroleum hydrocarbon-gasoline	1.1	0.55	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.01	0.007

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.16	0.08	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.001
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.16	0.08	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.001
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.16	0.08	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.001
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.16	0.08	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.001
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.16	0.08	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.001
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.16	0.08	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.001
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.14	0.07	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.14	0.07	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.14	0.07	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
DU-1	SA11	SA11-0.5	11/9/2006	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.11	0.055	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.001	0.0007
DU-1	SA11	SA11-0.5D	11/9/2006	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.11	0.055	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.001	0.0007
DU-1	SA18	SA18-0.5	11/15/2006	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.11	0.055	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.001	0.0007
DU-1	SA18	SA18-0.5D	11/15/2006	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.11	0.055	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.001	0.0007
DU-2	SA02	SA2-0.5	11/3/2006	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.11	0.055	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.001	0.0007
DU-3	SA16	SA16-0.5	11/9/2006	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.11	0.055	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.001	0.0007
DU-2	SA07	SA7-0.5	11/20/2006	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.11	0.055	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.001	0.0007
DU-1	SA21	SA21-0.5	11/15/2006	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.1	0.05	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.001	0.0006
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	8001-35-2	Toxaphene	1.8	0.9	mg/kg	0.00015	R4 Inverts	10000	6000
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	8001-35-2	Toxaphene	0.86	0.43	mg/kg	0.00015	R4 Inverts	6000	3000
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	8001-35-2	Toxaphene	0.85	0.425	mg/kg	0.00015	R4 Inverts	6000	3000
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	8001-35-2	Toxaphene	0.62	0.31	mg/kg	0.00015	R4 Inverts	4000	2000
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	8001-35-2	Toxaphene	0.59	0.295	mg/kg	0.00015	R4 Inverts	4000	2000
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	8001-35-2	Toxaphene	0.58	0.29	mg/kg	0.00015	R4 Inverts	4000	2000
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	OCPs	20	8001-35-2	Toxaphene	0.33	0.165	mg/kg	0.00015	R4 Inverts	2000	1000
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OCPs	5	8001-35-2	Toxaphene	0.26	0.13	mg/kg	0.00015	R4 Inverts	2000	900
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	8001-35-2	Toxaphene	0.19	0.095	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	8001-35-2	Toxaphene	0.17	0.085	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OCPs	1	8001-35-2	Toxaphene	0.16	0.08	mg/kg	0.00015	R4 Inverts	1000	500
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OCPs	1	8001-35-2	Toxaphene	0.11	0.055	mg/kg	0.00015	R4 Inverts	700	400
DU-3	SSAM5-03	SSAM5-03-5BPC	5/4/2010	OCPs	5	8001-35-2	Toxaphene	0.094	0.047	mg/kg	0.00015	R4 Inverts	600	300
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	OCPs	10	8001-35-2	Toxaphene	0.078	0.039	mg/kg	0.00015	R4 Inverts	500	300
DU-1	SA11	SA11-0.5D	11/9/2006	OCPs	1	8001-35-2	Toxaphene	0.057	0.0285	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	OCPs	1	8001-35-2	Toxaphene	0.056	0.028	mg/kg	0.00015	R4 Inverts	400	200
DU-1	SA12	SA12-0.5	11/10/2006	OCPs	1	8001-35-2	Toxaphene	0.056	0.028	mg/kg	0.00015	R4 Inverts	400	200
DU-1	SA20	SA20-0.5	11/16/2006	OCPs	1	8001-35-2	Toxaphene	0.056	0.028	mg/kg	0.00015	R4 Inverts	400	200
DU-1	SA18	SA18-0.5	11/15/2006	OCPs	1	8001-35-2	Toxaphene	0.055	0.0275	mg/kg	0.00015	R4 Inverts	400	200
DU-1	SA19	SA19-0.5	11/16/2006	OCPs	1	8001-35-2	Toxaphene	0.055	0.0275	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OCPs	1	8001-35-2	Toxaphene	0.055	0.0275	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	OCPs	1	8001-35-2	Toxaphene	0.054	0.027	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	OCPs	1	8001-35-2	Toxaphene	0.054	0.027	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	OCPs	1	8001-35-2	Toxaphene	0.054	0.027	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	OCPs	1	8001-35-2	Toxaphene	0.054	0.027	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	OCPs	1	8001-35-2	Toxaphene	0.054	0.027	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OCPs	1	8001-35-2	Toxaphene	0.054	0.027	mg/kg	0.00015	R4 Inverts	400	200
DU-1	SA11	SA11-0.5	11/9/2006	OCPs	1	8001-35-2	Toxaphene	0.054	0.027	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OCPs	1	8001-35-2	Toxaphene	0.054	0.027	mg/kg	0.00015	R4 Inverts	400	200
DU-1	SA11	SA11-0.5	11/9/2006	OCPs	1	8001-35-2	Toxaphene	0.054	0.027	mg/kg	0.00015	R4 Inverts	400	200
DU-1	SA18	SA18-0.5D	11/15/2006	OCPs	1	8001-35-2	Toxaphene	0.053	0.0265	mg/kg	0.00015	R4 Inverts	400	200
DU-2	SA02	SA2-0.5	11/3/2006	OCPs	1	8001-35-2	Toxaphene	0.053	0.0265	mg/kg	0.00015	R4 Inverts	400	200
DU-3	SA16	SA16-0.5	11/9/2006	OCPs	1	8001-35-2	Toxaphene	0.053	0.0265	mg/kg	0.00015	R4 Inverts	400	200
DU-2	SA07	SA7-0.5	11/20/2006	OCPs	1	8001-35-2	Toxaphene	0.053	0.0265	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OCPs	1	8001-35-2	Toxaphene	0.053	0.0265	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OCPs	1	8001-35-2	Toxaphene	0.053	0.0265	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	SA21	SA21-0.5	11/15/2006	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	OCPs	1	8001-35-2	Toxaphene	0.05	0.025	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OCPs	1	8001-35-2	Toxaphene	0.05	0.025	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OCPs	1	8001-35-2	Toxaphene	0.05	0.025	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	OCPs	2	8001-35-2	Toxaphene	0.035	0.0175	mg/kg	0.00015	R4 Inverts	200	100
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	OCPs	2	8001-35-2	Toxaphene	0.035	0.0175	mg/kg	0.00015	R4 Inverts	200	100
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	OCPs	1	8001-35-2	Toxaphene	0.019	0.0095	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	OCPs	1	8001-35-2	Toxaphene	0.019	0.0095	mg/kg	0.00015	R4 Inverts	100	60
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OCPs	1	8001-35-2	Toxaphene	0.019	0.0095	mg/kg	0.00015	R4 Inverts	100	60
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	OCPs	1	8001-35-2	Toxaphene	0.019	0.0095	mg/kg	0.00015	R4 Inverts	100	60
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	OCPs	1	8001-35-2	Toxaphene	0.019	0.0095	mg/kg	0.00015	R4 Inverts	100	60
DU-2	SA121	SA121-0.5B	9/25/2009	OCPs	1	8001-35-2	Toxaphene	0.019	0.0095	mg/kg	0.00015	R4 Inverts	100	60
DU-2	SA121	SA121009-0.5B	9/25/2009	OCPs	1	8001-35-2	Toxaphene	0.019	0.0095	mg/kg	0.00015	R4 Inverts	100	60
DU-3	SA128	SA128-10B	9/16/2009	OCPs	1	8001-35-2	Toxaphene	0.019	0.0095	mg/kg	0.00015	R4 Inverts	100	60
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	OCPs	1	8001-35-2	Toxaphene	0.019	0.0095	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAO7	RSAO7-9B	10/12/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	SA35	SA35-0.5B	6/10/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	SA73	SA73-0.5B	7/29/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	SSAL3-05	SSAL3-05-1BPC	5/4/2010	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-2	SA138	SA138-0.5B	10/6/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	8/16/2010	OCPs	1	8001-35-2	Toxaphene	0.017	0.0085	mg/kg	0.00015	R4 Inverts	100	60
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	8/16/2010	OCPs	1	8001-35-2	Toxaphene	0.017	0.0085	mg/kg	0.00015	R4 Inverts	100	60
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	8/16/2010	OCPs	1	8001-35-2	Toxaphene	0.017	0.0085	mg/kg	0.00015	R4 Inverts	100	60
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	8/17/2010	OCPs	1	8001-35-2	Toxaphene	0.017	0.0085	mg/kg	0.00015	R4 Inverts	100	60
DU-1	CS-E14C-1	CS-E14C-1	6/2/2011	OCPs	1	8001-35-2	Toxaphene	0.017	0.0085	mg/kg	0.00015	R4 Inverts	100	60
DU-1	EE-E14C-1	EE-E14C-1	6/2/2011	OCPs	1	8001-35-2	Toxaphene	0.017	0.0085	mg/kg	0.00015	R4 Inverts	100	60
DU-1	SSAI3-02	SSAI3-02-14BPC	8/7/2010	OCPs	1	8001-35-2	Toxaphene	0.017	0.0085	mg/kg	0.00015	R4 Inverts	100	60
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	8/13/2010	OCPs	1	8001-35-2	Toxaphene	0.016	0.008	mg/kg	0.00015	R4 Inverts	100	50
DU-1	DS-D27-1	DS-D27-1	4/14/2011	OCPs	1	8001-35-2	Toxaphene	0.016	0.008	mg/kg	0.00015	R4 Inverts	100	50
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	8/16/2010	OCPs	1	8001-35-2	Toxaphene	0.016	0.008	mg/kg	0.00015	R4 Inverts	100	50
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	8/16/2010	OCPs	1	8001-35-2	Toxaphene	0.016	0.008	mg/kg	0.00015	R4 Inverts	100	50
DU-1	SSAJ3-05	SSAJ3-05-8BPC	8/10/2010	OCPs	1	8001-35-2	Toxaphene	0.016	0.008	mg/kg	0.00015	R4 Inverts	100	50
DU-1	SSAJ3-07	SSAJ3-07-5BPC	8/10/2010	OCPs	1	8001-35-2	Toxaphene	0.016	0.008	mg/kg	0.00015	R4 Inverts	100	50
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	8/13/2010	OCPs	1	8001-35-2	Toxaphene	0.015	0.0075	mg/kg	0.00015	R4 Inverts	100	50
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	OCPs	1	8001-35-2	Toxaphene	0.0097	0.00485	mg/kg	0.00015	R4 Inverts	60	30
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	OCPs	1	8001-35-2	Toxaphene	0.0097	0.00485	mg/kg	0.00015	R4 Inverts	60	30
DU-1	SA87	SA87-0.5B	6/25/2008	OCPs	1	8001-35-2	Toxaphene	0.0097	0.00485	mg/kg	0.00015	R4 Inverts	60	30
DU-1	SA180	SA180-0.5BD	6/26/2008	OCPs	1	8001-35-2	Toxaphene	0.0097	0.00485	mg/kg	0.00015	R4 Inverts	60	30

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA180	SA180-0.5B	6/26/2008	OCPs	20	8001-35-2	Toxaphene	0.0097	0.00485	mg/kg	0.00015	R4 Inverts	60	30
DU-1	SA67	SA67-0.5B	7/7/2008	OCPs	1	8001-35-2	Toxaphene	0.0097	0.00485	mg/kg	0.00015	R4 Inverts	60	30
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	OCPs	1	8001-35-2	Toxaphene	0.0076	0.0038	mg/kg	0.00015	R4 Inverts	50	30
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	OCPs	1	8001-35-2	Toxaphene	0.0075	0.00375	mg/kg	0.00015	R4 Inverts	50	30
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	OCPs	1	8001-35-2	Toxaphene	0.0074	0.0037	mg/kg	0.00015	R4 Inverts	50	20
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	OCPs	1	8001-35-2	Toxaphene	0.0074	0.0037	mg/kg	0.00015	R4 Inverts	50	20
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	OCPs	1	8001-35-2	Toxaphene	0.0073	0.00365	mg/kg	0.00015	R4 Inverts	50	20
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0062	0.0031	mg/kg	0.04	R4 Inverts	0.2	0.08
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0059	0.00295	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0057	0.00285	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0056	0.0028	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0056	0.0028	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0055	0.00275	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0055	0.00275	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0055	0.00275	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0054	0.0027	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0053	0.00265	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0053	0.00265	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0053	0.00265	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0053	0.00265	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0052	0.0026	mg/kg	0.04	R4 Inverts	0.1	0.07
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	156-60-5	trans-1,2-Dichloroethene	0.0049	0.00245	mg/kg	0.04	R4 Inverts	0.1	0.06
DU-1	SA157	SA157-0.5B	10/20/2009	VOCs	1.89	156-60-5	trans-1,2-Dichloroethene	0.0011	0.00055	mg/kg	0.04	R4 Inverts	0.03	0.01
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00097	0.000485	mg/kg	0.04	R4 Inverts	0.02	0.01
DU-3	SA65	SA65-10B	8/25/2009	VOCs	1.68	156-60-5	trans-1,2-Dichloroethene	0.00095	0.000475	mg/kg	0.04	R4 Inverts	0.02	0.01
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00082	0.00041	mg/kg	0.04	R4 Inverts	0.02	0.01
DU-2	SA103	SA103-0.5B	10/6/2009	VOCs	1.34	156-60-5	trans-1,2-Dichloroethene	0.00075	0.000375	mg/kg	0.04	R4 Inverts	0.02	0.009
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	VOCs	1.14	156-60-5	trans-1,2-Dichloroethene	0.00065	0.000325	mg/kg	0.04	R4 Inverts	0.02	0.008
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	156-60-5	trans-1,2-Dichloroethene	0.00061	0.000305	mg/kg	0.04	R4 Inverts	0.02	0.008
DU-2	SA116	SA116-0.5B	9/2/2009	VOCs	1.08	156-60-5	trans-1,2-Dichloroethene	0.00061	0.000305	mg/kg	0.04	R4 Inverts	0.02	0.008
DU-2	SA212	SA212-0.5B	9/28/2009	VOCs	1.09	156-60-5	trans-1,2-Dichloroethene	0.0006	0.0003	mg/kg	0.04	R4 Inverts	0.02	0.008
DU-1	SA141	SA141009-14B	10/15/2009	VOCs	1.07	156-60-5	trans-1,2-Dichloroethene	0.0006	0.0003	mg/kg	0.04	R4 Inverts	0.02	0.008
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	VOCs	1.04	156-60-5	trans-1,2-Dichloroethene	0.00059	0.000295	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RISB-37	RISB-37-0.5-20141117	11/17/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00058	0.00029	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-2	SA121	SA121009-0.5B	9/25/2009	VOCs	1.02	156-60-5	trans-1,2-Dichloroethene	0.00058	0.00029	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-2	SA138	SA138-0.5B	10/6/2009	VOCs	1.03	156-60-5	trans-1,2-Dichloroethene	0.00057	0.000285	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-3	SA128	SA128-10B	9/16/2009	VOCs	0.99	156-60-5	trans-1,2-Dichloroethene	0.00056	0.00028	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	SA171	SA171-5B	10/19/2009	VOCs	0.98	156-60-5	trans-1,2-Dichloroethene	0.00056	0.00028	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	SA151	SA151-0.5B	9/17/2009	VOCs	0.99	156-60-5	trans-1,2-Dichloroethene	0.00055	0.000275	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	156-60-5	trans-1,2-Dichloroethene	0.00055	0.000275	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	156-60-5	trans-1,2-Dichloroethene	0.00055	0.000275	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00055	0.000275	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	156-60-5	trans-1,2-Dichloroethene	0.00055	0.000275	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00054	0.00027	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RISB-31	RISB-31-0.5-20141119	11/19/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00054	0.00027	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	VOCs	0.98	156-60-5	trans-1,2-Dichloroethene	0.00054	0.00027	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00053	0.000265	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00052	0.00026	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00052	0.00026	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00052	0.00026	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00052	0.00026	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	156-60-5	trans-1,2-Dichloroethene	0.00052	0.00026	mg/kg	0.04	R4 Inverts	0.01	0.007

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	VOCs	0.95	156-60-5	trans-1,2-Dichloroethene	0.00052	0.00026	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	VOCs	0.93	156-60-5	trans-1,2-Dichloroethene	0.00052	0.00026	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-2	SA28	SA28-0.5B	8/3/2009	VOCs	0.92	156-60-5	trans-1,2-Dichloroethene	0.00052	0.00026	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00052	0.00026	mg/kg	0.04	R4 Inverts	0.01	0.007
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-30	RISB-30-0.5-20141118	11/18/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-35	RISB-35-0.5-20141119	11/19/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-54	RISB-54-0.5-20141117	11/17/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-33	RISB-33-0.5-20141119	11/19/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-36	RISB-36-0.5-20141118	11/18/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00051	0.000255	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-34	RISB-34-0.5-20141119	11/19/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-53	RISB-53-0.5-20141106	11/6/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RSAO7	RSAO7-9B	10/12/2009	VOCs	0.89	156-60-5	trans-1,2-Dichloroethene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-55	RISB-55-0.5-20141114	11/14/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0005	0.00025	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00049	0.000245	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-2	SA146	SA146-0.5B	8/4/2009	VOCs	0.88	156-60-5	trans-1,2-Dichloroethene	0.00049	0.000245	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-2	RISB-56	RISB-56-0.5-20141104	11/4/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00049	0.000245	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-2	SA147	SA147-0.5B	8/4/2009	VOCs	0.83	156-60-5	trans-1,2-Dichloroethene	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00048	0.00024	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RISB-32	RISB-32-0.5-20141120	11/20/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-2	SA121	SA121-0.5B	9/25/2009	VOCs	0.81	156-60-5	trans-1,2-Dichloroethene	0.00046	0.00023	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00044	0.00022	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-2	RISB-57	RISB-57-0.5-20141103	11/3/2014	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00044	0.00022	mg/kg	0.04	R4 Inverts	0.01	0.006
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	VOCs	1.33	156-60-5	trans-1,2-Dichloroethene	0.00042	0.00021	mg/kg	0.04	R4 Inverts	0.01	0.005
DU-1	SA69	SA69-0.5B	7/7/2009	VOCs	0.72	156-60-5	trans-1,2-Dichloroethene	0.00042	0.00021	mg/kg	0.04	R4 Inverts	0.01	0.005
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	VOCs	0.71	156-60-5	trans-1,2-Dichloroethene	0.00039	0.000195	mg/kg	0.04	R4 Inverts	0.01	0.005
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00038	0.00019	mg/kg	0.04	R4 Inverts	0.01	0.005
DU-1	SA71	SA71-0.5B	6/16/2009	VOCs	1.2	156-60-5	trans-1,2-Dichloroethene	0.00038	0.00019	mg/kg	0.04	R4 Inverts	0.01	0.005

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA145	SA145-0.5B	6/12/2009	VOCs	1.14	156-60-5	trans-1,2-Dichloroethene	0.00037	0.000185	mg/kg	0.04	R4 Inverts	0.009	0.005
DU-3	SA197	SA197-0.5B	6/19/2009	VOCs	1.07	156-60-5	trans-1,2-Dichloroethene	0.00036	0.00018	mg/kg	0.04	R4 Inverts	0.009	0.005
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	VOCs	0.99	156-60-5	trans-1,2-Dichloroethene	0.00035	0.000175	mg/kg	0.04	R4 Inverts	0.009	0.004
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	VOCs	1.09	156-60-5	trans-1,2-Dichloroethene	0.00035	0.000175	mg/kg	0.04	R4 Inverts	0.009	0.004
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	VOCs	0.63	156-60-5	trans-1,2-Dichloroethene	0.00035	0.000175	mg/kg	0.04	R4 Inverts	0.009	0.004
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	VOCs	0.63	156-60-5	trans-1,2-Dichloroethene	0.00035	0.000175	mg/kg	0.04	R4 Inverts	0.009	0.004
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	VOCs	1.08	156-60-5	trans-1,2-Dichloroethene	0.00035	0.000175	mg/kg	0.04	R4 Inverts	0.009	0.004
DU-1	SSAN7-06	SSAN7-06-0.5BPC	9/7/2010	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00035	0.000175	mg/kg	0.04	R4 Inverts	0.009	0.004
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	VOCs	1.04	156-60-5	trans-1,2-Dichloroethene	0.00034	0.00017	mg/kg	0.04	R4 Inverts	0.009	0.004
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	156-60-5	trans-1,2-Dichloroethene	0.00034	0.00017	mg/kg	0.04	R4 Inverts	0.009	0.004
DU-1	SA85	SA85-0.5B	6/16/2009	VOCs	1.02	156-60-5	trans-1,2-Dichloroethene	0.00034	0.00017	mg/kg	0.04	R4 Inverts	0.009	0.004
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	156-60-5	trans-1,2-Dichloroethene	0.00033	0.000165	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SA186	SA186-0.5B	6/29/2009	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00033	0.000165	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SA166	SA166-0.5B	6/11/2009	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00033	0.000165	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	156-60-5	trans-1,2-Dichloroethene	0.00032	0.00016	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	156-60-5	trans-1,2-Dichloroethene	0.00032	0.00016	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	VOCs	0.97	156-60-5	trans-1,2-Dichloroethene	0.00032	0.00016	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	VOCs	0.97	156-60-5	trans-1,2-Dichloroethene	0.00032	0.00016	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SA62	SA62-0.5B	6/16/2009	VOCs	0.97	156-60-5	trans-1,2-Dichloroethene	0.00032	0.00016	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SA50	SA50-0.5B	6/30/2009	VOCs	0.97	156-60-5	trans-1,2-Dichloroethene	0.00032	0.00016	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SA152	SA152-0.5B	6/4/2009	VOCs	0.93	156-60-5	trans-1,2-Dichloroethene	0.00031	0.000155	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SA75	SA75-0.5B	7/17/2009	VOCs	0.91	156-60-5	trans-1,2-Dichloroethene	0.00031	0.000155	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	VOCs	1.15	156-60-5	trans-1,2-Dichloroethene	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	VOCs	0.93	156-60-5	trans-1,2-Dichloroethene	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	VOCs	0.91	156-60-5	trans-1,2-Dichloroethene	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	VOCs	1.08	156-60-5	trans-1,2-Dichloroethene	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	VOCs	0.91	156-60-5	trans-1,2-Dichloroethene	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SA176	SA176-0.5B	6/10/2009	VOCs	0.92	156-60-5	trans-1,2-Dichloroethene	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SA185	SA185-0.5B	6/29/2009	VOCs	0.89	156-60-5	trans-1,2-Dichloroethene	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SSAO7-06	SSAO7-06-0.5BPC	9/27/2010	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-3	SA64	SA64-0.5B	6/19/2009	VOCs	0.88	156-60-5	trans-1,2-Dichloroethene	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SA173	SA173-0.5B	7/27/2009	VOCs	0.9	156-60-5	trans-1,2-Dichloroethene	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SA87	SA87-0.5B	6/25/2008	VOCs	1.02	156-60-5	trans-1,2-Dichloroethene	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SA180	SA180-0.5BD	6/26/2008	VOCs	0.95	156-60-5	trans-1,2-Dichloroethene	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SA180	SA180-0.5B	6/26/2008	VOCs	0.91	156-60-5	trans-1,2-Dichloroethene	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	VOCs	0.91	156-60-5	trans-1,2-Dichloroethene	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	156-60-5	trans-1,2-Dichloroethene	0.0003	0.00015	mg/kg	0.04	R4 Inverts	0.008	0.004
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	VOCs	0.91	156-60-5	trans-1,2-Dichloroethene	0.00029	0.000145	mg/kg	0.04	R4 Inverts	0.007	0.004
DU-1	SA55	SA55-0.5B	6/10/2009	VOCs	0.89	156-60-5	trans-1,2-Dichloroethene	0.00029	0.000145	mg/kg	0.04	R4 Inverts	0.007	0.004
DU-1	SA152	SA152009-0.5B	6/4/2009	VOCs	0.9	156-60-5	trans-1,2-Dichloroethene	0.00029	0.000145	mg/kg	0.04	R4 Inverts	0.007	0.004
DU-1	SA92	SA92-0.5B	6/17/2009	VOCs	0.89	156-60-5	trans-1,2-Dichloroethene	0.00029	0.000145	mg/kg	0.04	R4 Inverts	0.007	0.004
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00029	0.000145	mg/kg	0.04	R4 Inverts	0.007	0.004
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	VOCs	0.86	156-60-5	trans-1,2-Dichloroethene	0.00028	0.00014	mg/kg	0.04	R4 Inverts	0.007	0.004
DU-1	SA158	SA158-0.5B	6/17/2009	VOCs	0.85	156-60-5	trans-1,2-Dichloroethene	0.00028	0.00014	mg/kg	0.04	R4 Inverts	0.007	0.004
DU-1	SSAO8-05	SSAO8-05-0.5BPC	9/27/2010	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00028	0.00014	mg/kg	0.04	R4 Inverts	0.007	0.004
DU-1	SA189	SA189-0.5B	6/4/2009	VOCs	0.85	156-60-5	trans-1,2-Dichloroethene	0.00028	0.00014	mg/kg	0.04	R4 Inverts	0.007	0.004
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00027	0.000135	mg/kg	0.04	R4 Inverts	0.007	0.003
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00027	0.000135	mg/kg	0.04	R4 Inverts	0.007	0.003
DU-1	SA179	SA179-0.5B	7/28/2009	VOCs	0.79	156-60-5	trans-1,2-Dichloroethene	0.00027	0.000135	mg/kg	0.04	R4 Inverts	0.007	0.003
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	VOCs	0.74	156-60-5	trans-1,2-Dichloroethene	0.00026	0.00013	mg/kg	0.04	R4 Inverts	0.007	0.003
DU-1	SA73	SA73-0.5B	7/29/2009	VOCs	0.77	156-60-5	trans-1,2-Dichloroethene	0.00026	0.00013	mg/kg	0.04	R4 Inverts	0.007	0.003
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	VOCs	0.76	156-60-5	trans-1,2-Dichloroethene	0.00025	0.000125	mg/kg	0.04	R4 Inverts	0.006	0.003

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA74	SA74-0.5B	7/15/2009	VOCs	0.72	156-60-5	trans-1,2-Dichloroethene	0.00025	0.000125	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00024	0.00012	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	VOCs	0.71	156-60-5	trans-1,2-Dichloroethene	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	VOCs	0.68	156-60-5	trans-1,2-Dichloroethene	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SA74	SA74009-0.5B	7/15/2009	VOCs	0.65	156-60-5	trans-1,2-Dichloroethene	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SSAN8-07	SSAN8-07-0.5BPC	9/7/2010	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SSAO8-08	SSAO8-08-0.5BPC	9/27/2010	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00023	0.000115	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00022	0.00011	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00022	0.00011	mg/kg	0.04	R4 Inverts	0.006	0.003
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	VOCs	0.6	156-60-5	trans-1,2-Dichloroethene	0.00021	0.000105	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	VOCs	0.63	156-60-5	trans-1,2-Dichloroethene	0.00021	0.000105	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	SA72	SA72-0.5B	7/27/2009	VOCs	0.64	156-60-5	trans-1,2-Dichloroethene	0.00021	0.000105	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00021	0.000105	mg/kg	0.04	R4 Inverts	0.005	0.003
DU-1	SA173	SA173009-0.5B	7/27/2009	VOCs	0.58	156-60-5	trans-1,2-Dichloroethene	0.00019	0.000095	mg/kg	0.04	R4 Inverts	0.005	0.002
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	75-69-4	Trichlorofluoromethane	0.0062	0.0031	mg/kg	16.4	R4 Mammals	0.0004	0.0002
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	75-69-4	Trichlorofluoromethane	0.0059	0.00295	mg/kg	16.4	R4 Mammals	0.0004	0.0002
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	75-69-4	Trichlorofluoromethane	0.0057	0.00285	mg/kg	16.4	R4 Mammals	0.0003	0.0002
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	75-69-4	Trichlorofluoromethane	0.0056	0.0028	mg/kg	16.4	R4 Mammals	0.0003	0.0002
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	75-69-4	Trichlorofluoromethane	0.0056	0.0028	mg/kg	16.4	R4 Mammals	0.0003	0.0002
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	75-69-4	Trichlorofluoromethane	0.0055	0.00275	mg/kg	16.4	R4 Mammals	0.0003	0.0002
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	75-69-4	Trichlorofluoromethane	0.0055	0.00275	mg/kg	16.4	R4 Mammals	0.0003	0.0002
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	75-69-4	Trichlorofluoromethane	0.0055	0.00275	mg/kg	16.4	R4 Mammals	0.0003	0.0002
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	75-69-4	Trichlorofluoromethane	0.0054	0.0027	mg/kg	16.4	R4 Mammals	0.0003	0.0002
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	75-69-4	Trichlorofluoromethane	0.0053	0.00265	mg/kg	16.4	R4 Mammals	0.0003	0.0002
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	75-69-4	Trichlorofluoromethane	0.0053	0.00265	mg/kg	16.4	R4 Mammals	0.0003	0.0002
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	75-69-4	Trichlorofluoromethane	0.0053	0.00265	mg/kg	16.4	R4 Mammals	0.0003	0.0002
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	75-69-4	Trichlorofluoromethane	0.0053	0.00265	mg/kg	16.4	R4 Mammals	0.0003	0.0002
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	75-69-4	Trichlorofluoromethane	0.0052	0.0026	mg/kg	16.4	R4 Mammals	0.0003	0.0002
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	75-69-4	Trichlorofluoromethane	0.0049	0.00245	mg/kg	16.4	R4 Mammals	0.0003	0.0001
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.0019	0.00095	mg/kg	16.4	R4 Mammals	0.0001	0.00006
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.0016	0.0008	mg/kg	16.4	R4 Mammals	0.0001	0.00005
DU-1	RISB-37	RISB-37-0.5-20141117	11/17/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.0012	0.0006	mg/kg	16.4	R4 Mammals	0.00007	0.00004
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.0011	0.00055	mg/kg	16.4	R4 Mammals	0.00007	0.00003
DU-1	RISB-31	RISB-31-0.5-20141119	11/19/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.0011	0.00055	mg/kg	16.4	R4 Mammals	0.00007	0.00003
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.0011	0.00055	mg/kg	16.4	R4 Mammals	0.00007	0.00003
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.0011	0.00055	mg/kg	16.4	R4 Mammals	0.00007	0.00003
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RISB-30	RISB-30-0.5-20141118	11/18/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RISB-34	RISB-34-0.5-20141119	11/19/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RISB-35	RISB-35-0.5-20141119	11/19/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RISB-53	RISB-53-0.5-20141106	11/6/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RISB-54	RISB-54-0.5-20141117	11/17/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RISB-33	RISB-33-0.5-20141119	11/19/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RISB-36	RISB-36-0.5-20141118	11/18/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RISB-55	RISB-55-0.5-20141114	11/14/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.001	0.0005	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.00099	0.000495	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.00098	0.00049	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-2	RISB-56	RISB-56-0.5-20141104	11/4/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.00098	0.00049	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.00097	0.000485	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.00096	0.00048	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.00096	0.00048	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.00096	0.00048	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.00096	0.00048	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.00095	0.000475	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.00095	0.000475	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RISB-32	RISB-32-0.5-20141120	11/20/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.00095	0.000475	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.00095	0.000475	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	VOCs	1	75-69-4	Trichlorofluoromethane	0.00094	0.00047	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.00094	0.00047	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	VOCs	1	75-69-4	Trichlorofluoromethane	0.00093	0.000465	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	SSAN7-06	SSAN7-06-0.5BPC	9/7/2010	VOCs	1	75-69-4	Trichlorofluoromethane	0.00093	0.000465	mg/kg	16.4	R4 Mammals	0.00006	0.00003
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	VOCs	1	75-69-4	Trichlorofluoromethane	0.00088	0.00044	mg/kg	16.4	R4 Mammals	0.00005	0.00003
DU-2	RISB-57	RISB-57-0.5-20141103	11/3/2014	VOCs	1	75-69-4	Trichlorofluoromethane	0.00088	0.00044	mg/kg	16.4	R4 Mammals	0.00005	0.00003
DU-1	SSAO7-06	SSAO7-06-0.5BPC	9/27/2010	VOCs	1	75-69-4	Trichlorofluoromethane	0.0008	0.0004	mg/kg	16.4	R4 Mammals	0.00005	0.00002
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	VOCs	1	75-69-4	Trichlorofluoromethane	0.00077	0.000385	mg/kg	16.4	R4 Mammals	0.00005	0.00002
DU-1	SSAO8-05	SSAO8-05-0.5BPC	9/27/2010	VOCs	1	75-69-4	Trichlorofluoromethane	0.00074	0.00037	mg/kg	16.4	R4 Mammals	0.00005	0.00002
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	VOCs	1	75-69-4	Trichlorofluoromethane	0.00073	0.000365	mg/kg	16.4	R4 Mammals	0.00004	0.00002
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	VOCs	1	75-69-4	Trichlorofluoromethane	0.00072	0.00036	mg/kg	16.4	R4 Mammals	0.00004	0.00002
DU-1	SA157	SA157-0.5B	10/20/2009	VOCs	1.89	75-69-4	Trichlorofluoromethane	0.00068	0.00034	mg/kg	16.4	R4 Mammals	0.00004	0.00002
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	75-69-4	Trichlorofluoromethane	0.00062	0.00031	mg/kg	16.4	R4 Mammals	0.00004	0.00002
DU-1	SSAO8-08	SSAO8-08-0.5BPC	9/27/2010	VOCs	1	75-69-4	Trichlorofluoromethane	0.00061	0.000305	mg/kg	16.4	R4 Mammals	0.00004	0.00002
DU-3	SA65	SA65-10B	8/25/2009	VOCs	1.68	75-69-4	Trichlorofluoromethane	0.00061	0.000305	mg/kg	16.4	R4 Mammals	0.00004	0.00002
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	75-69-4	Trichlorofluoromethane	0.0006	0.0003	mg/kg	16.4	R4 Mammals	0.00004	0.00002
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	75-69-4	Trichlorofluoromethane	0.0006	0.0003	mg/kg	16.4	R4 Mammals	0.00004	0.00002
DU-1	SSAN8-07	SSAN8-07-0.5BPC	9/7/2010	VOCs	1	75-69-4	Trichlorofluoromethane	0.0006	0.0003	mg/kg	16.4	R4 Mammals	0.00004	0.00002
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	VOCs	1	75-69-4	Trichlorofluoromethane	0.0006	0.0003	mg/kg	16.4	R4 Mammals	0.00004	0.00002
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	VOCs	1	75-69-4	Trichlorofluoromethane	0.00055	0.000275	mg/kg	16.4	R4 Mammals	0.00003	0.00002

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	75-69-4	Trichlorofluoromethane	0.00055	0.000275	mg/kg	16.4	R4 Mammals	0.00003	0.00002
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	75-69-4	Trichlorofluoromethane	0.00053	0.000265	mg/kg	16.4	R4 Mammals	0.00003	0.00002
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	75-69-4	Trichlorofluoromethane	0.00053	0.000265	mg/kg	16.4	R4 Mammals	0.00003	0.00002
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	75-69-4	Trichlorofluoromethane	0.00052	0.00026	mg/kg	16.4	R4 Mammals	0.00003	0.00002
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	75-69-4	Trichlorofluoromethane	0.00052	0.00026	mg/kg	16.4	R4 Mammals	0.00003	0.00002
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	75-69-4	Trichlorofluoromethane	0.00052	0.00026	mg/kg	16.4	R4 Mammals	0.00003	0.00002
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	75-69-4	Trichlorofluoromethane	0.00051	0.000255	mg/kg	16.4	R4 Mammals	0.00003	0.00002
DU-2	SA103	SA103-0.5B	10/6/2009	VOCs	1.34	75-69-4	Trichlorofluoromethane	0.00048	0.00024	mg/kg	16.4	R4 Mammals	0.00003	0.00001
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	VOCs	1.33	75-69-4	Trichlorofluoromethane	0.00045	0.000225	mg/kg	16.4	R4 Mammals	0.00003	0.00001
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	VOCs	1.14	75-69-4	Trichlorofluoromethane	0.00041	0.000205	mg/kg	16.4	R4 Mammals	0.00003	0.00001
DU-1	SA71	SA71-0.5B	6/16/2009	VOCs	1.2	75-69-4	Trichlorofluoromethane	0.00041	0.000205	mg/kg	16.4	R4 Mammals	0.00003	0.00001
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	75-69-4	Trichlorofluoromethane	0.00039	0.000195	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-2	SA116	SA116-0.5B	9/2/2009	VOCs	1.08	75-69-4	Trichlorofluoromethane	0.00039	0.000195	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-3	SA197	SA197-0.5B	6/19/2009	VOCs	1.07	75-69-4	Trichlorofluoromethane	0.00039	0.000195	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA145	SA145-0.5B	6/12/2009	VOCs	1.14	75-69-4	Trichlorofluoromethane	0.00039	0.000195	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA141	SA141009-14B	10/15/2009	VOCs	1.07	75-69-4	Trichlorofluoromethane	0.00039	0.000195	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	VOCs	1.04	75-69-4	Trichlorofluoromethane	0.00038	0.00019	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-2	SA212	SA212-0.5B	9/28/2009	VOCs	1.09	75-69-4	Trichlorofluoromethane	0.00038	0.00019	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	VOCs	0.99	75-69-4	Trichlorofluoromethane	0.00037	0.000185	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	VOCs	1.09	75-69-4	Trichlorofluoromethane	0.00037	0.000185	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	VOCs	1.08	75-69-4	Trichlorofluoromethane	0.00037	0.000185	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-2	SA121	SA121009-0.5B	9/25/2009	VOCs	1.02	75-69-4	Trichlorofluoromethane	0.00037	0.000185	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-2	SA138	SA138-0.5B	10/6/2009	VOCs	1.03	75-69-4	Trichlorofluoromethane	0.00037	0.000185	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	VOCs	1.04	75-69-4	Trichlorofluoromethane	0.00036	0.00018	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-3	SA128	SA128-10B	9/16/2009	VOCs	0.99	75-69-4	Trichlorofluoromethane	0.00036	0.00018	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA171	SA171-5B	10/19/2009	VOCs	0.98	75-69-4	Trichlorofluoromethane	0.00036	0.00018	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	75-69-4	Trichlorofluoromethane	0.00036	0.00018	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA85	SA85-0.5B	6/16/2009	VOCs	1.02	75-69-4	Trichlorofluoromethane	0.00036	0.00018	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	75-69-4	Trichlorofluoromethane	0.00035	0.000175	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA151	SA151-0.5B	9/17/2009	VOCs	0.99	75-69-4	Trichlorofluoromethane	0.00035	0.000175	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	75-69-4	Trichlorofluoromethane	0.00035	0.000175	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA186	SA186-0.5B	6/29/2009	VOCs	1	75-69-4	Trichlorofluoromethane	0.00035	0.000175	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	75-69-4	Trichlorofluoromethane	0.00035	0.000175	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA166	SA166-0.5B	6/11/2009	VOCs	1	75-69-4	Trichlorofluoromethane	0.00035	0.000175	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	75-69-4	Trichlorofluoromethane	0.00035	0.000175	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	75-69-4	Trichlorofluoromethane	0.00034	0.00017	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	VOCs	0.98	75-69-4	Trichlorofluoromethane	0.00034	0.00017	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	75-69-4	Trichlorofluoromethane	0.00034	0.00017	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	VOCs	0.97	75-69-4	Trichlorofluoromethane	0.00034	0.00017	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	VOCs	0.97	75-69-4	Trichlorofluoromethane	0.00034	0.00017	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA62	SA62-0.5B	6/16/2009	VOCs	0.97	75-69-4	Trichlorofluoromethane	0.00034	0.00017	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA50	SA50-0.5B	6/30/2009	VOCs	0.97	75-69-4	Trichlorofluoromethane	0.00034	0.00017	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	75-69-4	Trichlorofluoromethane	0.00033	0.000165	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	VOCs	0.95	75-69-4	Trichlorofluoromethane	0.00033	0.000165	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	VOCs	0.93	75-69-4	Trichlorofluoromethane	0.00033	0.000165	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA152	SA152-0.5B	6/4/2009	VOCs	0.93	75-69-4	Trichlorofluoromethane	0.00033	0.000165	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA75	SA75-0.5B	7/17/2009	VOCs	0.91	75-69-4	Trichlorofluoromethane	0.00033	0.000165	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-2	SA28	SA28-0.5B	8/3/2009	VOCs	0.92	75-69-4	Trichlorofluoromethane	0.00033	0.000165	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	VOCs	0.93	75-69-4	Trichlorofluoromethane	0.00032	0.00016	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	VOCs	1.15	75-69-4	Trichlorofluoromethane	0.00032	0.00016	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	VOCs	0.91	75-69-4	Trichlorofluoromethane	0.00032	0.00016	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	VOCs	1.08	75-69-4	Trichlorofluoromethane	0.00032	0.00016	mg/kg	16.4	R4 Mammals	0.00002	0.00001

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	VOCs	0.91	75-69-4	Trichlorofluoromethane	0.00032	0.00016	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	RSAO7	RSAO7-9B	10/12/2009	VOCs	0.89	75-69-4	Trichlorofluoromethane	0.00032	0.00016	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA176	SA176-0.5B	6/10/2009	VOCs	0.92	75-69-4	Trichlorofluoromethane	0.00032	0.00016	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA185	SA185-0.5B	6/29/2009	VOCs	0.89	75-69-4	Trichlorofluoromethane	0.00032	0.00016	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-3	SA64	SA64-0.5B	6/19/2009	VOCs	0.88	75-69-4	Trichlorofluoromethane	0.00032	0.00016	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA173	SA173-0.5B	7/27/2009	VOCs	0.9	75-69-4	Trichlorofluoromethane	0.00032	0.00016	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA87	SA87-0.5B	6/25/2008	VOCs	1.02	75-69-4	Trichlorofluoromethane	0.00032	0.00016	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA180	SA180-0.5B	6/26/2008	VOCs	0.91	75-69-4	Trichlorofluoromethane	0.00032	0.00016	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA180	SA180-0.5BD	6/26/2008	VOCs	0.95	75-69-4	Trichlorofluoromethane	0.00032	0.00016	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	VOCs	0.91	75-69-4	Trichlorofluoromethane	0.00032	0.00016	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	75-69-4	Trichlorofluoromethane	0.00032	0.00016	mg/kg	16.4	R4 Mammals	0.00002	0.00001
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	VOCs	0.91	75-69-4	Trichlorofluoromethane	0.00031	0.000155	mg/kg	16.4	R4 Mammals	0.00002	0.000009
DU-2	SA147	SA147-0.5B	8/4/2009	VOCs	0.83	75-69-4	Trichlorofluoromethane	0.00031	0.000155	mg/kg	16.4	R4 Mammals	0.00002	0.000009
DU-2	SA146	SA146-0.5B	8/4/2009	VOCs	0.88	75-69-4	Trichlorofluoromethane	0.00031	0.000155	mg/kg	16.4	R4 Mammals	0.00002	0.000009
DU-1	SA55	SA55-0.5B	6/10/2009	VOCs	0.89	75-69-4	Trichlorofluoromethane	0.00031	0.000155	mg/kg	16.4	R4 Mammals	0.00002	0.000009
DU-1	SA152	SA152009-0.5B	6/4/2009	VOCs	0.9	75-69-4	Trichlorofluoromethane	0.00031	0.000155	mg/kg	16.4	R4 Mammals	0.00002	0.000009
DU-1	SA92	SA92-0.5B	6/17/2009	VOCs	0.89	75-69-4	Trichlorofluoromethane	0.00031	0.000155	mg/kg	16.4	R4 Mammals	0.00002	0.000009
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	VOCs	0.86	75-69-4	Trichlorofluoromethane	0.0003	0.00015	mg/kg	16.4	R4 Mammals	0.00002	0.000009
DU-2	SA121	SA121-0.5B	9/25/2009	VOCs	0.81	75-69-4	Trichlorofluoromethane	0.0003	0.00015	mg/kg	16.4	R4 Mammals	0.00002	0.000009
DU-1	SA189	SA189-0.5B	6/4/2009	VOCs	0.85	75-69-4	Trichlorofluoromethane	0.0003	0.00015	mg/kg	16.4	R4 Mammals	0.00002	0.000009
DU-1	SA158	SA158-0.5B	6/17/2009	VOCs	0.85	75-69-4	Trichlorofluoromethane	0.00029	0.000145	mg/kg	16.4	R4 Mammals	0.00002	0.000009
DU-1	SA179	SA179-0.5B	7/28/2009	VOCs	0.79	75-69-4	Trichlorofluoromethane	0.00029	0.000145	mg/kg	16.4	R4 Mammals	0.00002	0.000009
DU-1	SA73	SA73-0.5B	7/29/2009	VOCs	0.77	75-69-4	Trichlorofluoromethane	0.00028	0.00014	mg/kg	16.4	R4 Mammals	0.00002	0.000009
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	VOCs	0.76	75-69-4	Trichlorofluoromethane	0.00027	0.000135	mg/kg	16.4	R4 Mammals	0.00002	0.000008
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	VOCs	0.74	75-69-4	Trichlorofluoromethane	0.00027	0.000135	mg/kg	16.4	R4 Mammals	0.00002	0.000008
DU-1	SA74	SA74-0.5B	7/15/2009	VOCs	0.72	75-69-4	Trichlorofluoromethane	0.00027	0.000135	mg/kg	16.4	R4 Mammals	0.00002	0.000008
DU-1	SA69	SA69-0.5B	7/7/2009	VOCs	0.72	75-69-4	Trichlorofluoromethane	0.00027	0.000135	mg/kg	16.4	R4 Mammals	0.00002	0.000008
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	VOCs	0.71	75-69-4	Trichlorofluoromethane	0.00025	0.000125	mg/kg	16.4	R4 Mammals	0.00002	0.000008
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	VOCs	0.68	75-69-4	Trichlorofluoromethane	0.00025	0.000125	mg/kg	16.4	R4 Mammals	0.00002	0.000008
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	VOCs	0.71	75-69-4	Trichlorofluoromethane	0.00025	0.000125	mg/kg	16.4	R4 Mammals	0.00002	0.000008
DU-1	SA74	SA74009-0.5B	7/15/2009	VOCs	0.65	75-69-4	Trichlorofluoromethane	0.00024	0.00012	mg/kg	16.4	R4 Mammals	0.00001	0.000007
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	VOCs	0.63	75-69-4	Trichlorofluoromethane	0.00023	0.000115	mg/kg	16.4	R4 Mammals	0.00001	0.000007
DU-1	SA72	SA72-0.5B	7/27/2009	VOCs	0.64	75-69-4	Trichlorofluoromethane	0.00023	0.000115	mg/kg	16.4	R4 Mammals	0.00001	0.000007
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	VOCs	0.6	75-69-4	Trichlorofluoromethane	0.00022	0.00011	mg/kg	16.4	R4 Mammals	0.00001	0.000007
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	VOCs	0.63	75-69-4	Trichlorofluoromethane	0.00022	0.00011	mg/kg	16.4	R4 Mammals	0.00001	0.000007
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	VOCs	0.63	75-69-4	Trichlorofluoromethane	0.00022	0.00011	mg/kg	16.4	R4 Mammals	0.00001	0.000007
DU-1	SA173	SA173009-0.5B	7/27/2009	VOCs	0.58	75-69-4	Trichlorofluoromethane	0.00021	0.000105	mg/kg	16.4	R4 Mammals	0.00001	0.000006
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	75-01-4	Vinyl chloride	0.0062	0.0031	mg/kg	0.03	R4 Inverts	0.2	0.1
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	75-01-4	Vinyl chloride	0.0059	0.00295	mg/kg	0.03	R4 Inverts	0.2	0.1
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	75-01-4	Vinyl chloride	0.0057	0.00285	mg/kg	0.03	R4 Inverts	0.2	0.1
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	75-01-4	Vinyl chloride	0.0056	0.0028	mg/kg	0.03	R4 Inverts	0.2	0.09
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	75-01-4	Vinyl chloride	0.0056	0.0028	mg/kg	0.03	R4 Inverts	0.2	0.09
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	75-01-4	Vinyl chloride	0.0055	0.00275	mg/kg	0.03	R4 Inverts	0.2	0.09
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	75-01-4	Vinyl chloride	0.0055	0.00275	mg/kg	0.03	R4 Inverts	0.2	0.09
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	75-01-4	Vinyl chloride	0.0055	0.00275	mg/kg	0.03	R4 Inverts	0.2	0.09
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	75-01-4	Vinyl chloride	0.0054	0.0027	mg/kg	0.03	R4 Inverts	0.2	0.09
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	75-01-4	Vinyl chloride	0.0053	0.00265	mg/kg	0.03	R4 Inverts	0.2	0.09
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	75-01-4	Vinyl chloride	0.0053	0.00265	mg/kg	0.03	R4 Inverts	0.2	0.09
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	75-01-4	Vinyl chloride	0.0053	0.00265	mg/kg	0.03	R4 Inverts	0.2	0.09
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	75-01-4	Vinyl chloride	0.0053	0.00265	mg/kg	0.03	R4 Inverts	0.2	0.09
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	75-01-4	Vinyl chloride	0.0052	0.0026	mg/kg	0.03	R4 Inverts	0.2	0.09
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	75-01-4	Vinyl chloride	0.0049	0.00245	mg/kg	0.03	R4 Inverts	0.2	0.08

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	75-01-4	Vinyl chloride	0.0019	0.00095	mg/kg	0.03	R4 Inverts	0.06	0.03
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	VOCs	1	75-01-4	Vinyl chloride	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	VOCs	1	75-01-4	Vinyl chloride	0.0013	0.00065	mg/kg	0.03	R4 Inverts	0.04	0.02
DU-1	RISB-37	RISB-37-0.5-20141117	11/17/2014	VOCs	1	75-01-4	Vinyl chloride	0.0012	0.0006	mg/kg	0.03	R4 Inverts	0.04	0.02
DU-1	SSAN7-06	SSAN7-06-0.5BPC	9/7/2010	VOCs	1	75-01-4	Vinyl chloride	0.0012	0.0006	mg/kg	0.03	R4 Inverts	0.04	0.02
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	VOCs	1	75-01-4	Vinyl chloride	0.0011	0.00055	mg/kg	0.03	R4 Inverts	0.04	0.02
DU-1	RISB-31	RISB-31-0.5-20141119	11/19/2014	VOCs	1	75-01-4	Vinyl chloride	0.0011	0.00055	mg/kg	0.03	R4 Inverts	0.04	0.02
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	VOCs	1	75-01-4	Vinyl chloride	0.0011	0.00055	mg/kg	0.03	R4 Inverts	0.04	0.02
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	VOCs	1	75-01-4	Vinyl chloride	0.0011	0.00055	mg/kg	0.03	R4 Inverts	0.04	0.02
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RISB-30	RISB-30-0.5-20141118	11/18/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RISB-34	RISB-34-0.5-20141119	11/19/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RISB-35	RISB-35-0.5-20141119	11/19/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RISB-53	RISB-53-0.5-20141106	11/6/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RISB-54	RISB-54-0.5-20141117	11/17/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RISB-33	RISB-33-0.5-20141119	11/19/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RISB-36	RISB-36-0.5-20141118	11/18/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RISB-48	RISB-48-0.5-20141202	12/2/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	SSAO7-06	SSAO7-06-0.5BPC	9/27/2010	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RISB-41	RISB-41-0.5-20141202	12/2/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RISB-55	RISB-55-0.5-20141114	11/14/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	VOCs	1	75-01-4	Vinyl chloride	0.001	0.0005	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	VOCs	1	75-01-4	Vinyl chloride	0.00099	0.000495	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	SSAN7-07	SSAN7-07-0BPC	9/7/2010	VOCs	1	75-01-4	Vinyl chloride	0.00099	0.000495	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	VOCs	1	75-01-4	Vinyl chloride	0.00098	0.00049	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-2	RISB-56	RISB-56-0.5-20141104	11/4/2014	VOCs	1	75-01-4	Vinyl chloride	0.00098	0.00049	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	VOCs	1	75-01-4	Vinyl chloride	0.00097	0.000485	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	SA157	SA157-0.5B	10/20/2009	VOCs	1.89	75-01-4	Vinyl chloride	0.00097	0.000485	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	VOCs	1	75-01-4	Vinyl chloride	0.00096	0.00048	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RISB-39	RISB-39-0.5-20141202	12/2/2014	VOCs	1	75-01-4	Vinyl chloride	0.00096	0.00048	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	SSAO8-05	SSAO8-05-0.5BPC	9/27/2010	VOCs	1	75-01-4	Vinyl chloride	0.00096	0.00048	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RISB-40	RISB-40-0.5-20141202	12/2/2014	VOCs	1	75-01-4	Vinyl chloride	0.00096	0.00048	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RISB-41	RISB-41-0.5-20141202-FD	12/2/2014	VOCs	1	75-01-4	Vinyl chloride	0.00096	0.00048	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	VOCs	1	75-01-4	Vinyl chloride	0.00095	0.000475	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	VOCs	1	75-01-4	Vinyl chloride	0.00095	0.000475	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RISB-32	RISB-32-0.5-20141120	11/20/2014	VOCs	1	75-01-4	Vinyl chloride	0.00095	0.000475	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	VOCs	1	75-01-4	Vinyl chloride	0.00095	0.000475	mg/kg	0.03	R4 Inverts	0.03	0.02

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	VOCs	1	75-01-4	Vinyl chloride	0.00094	0.00047	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	VOCs	1	75-01-4	Vinyl chloride	0.00094	0.00047	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	SSAO8-08	SSAO8-08-0BPC	9/27/2010	VOCs	1	75-01-4	Vinyl chloride	0.00094	0.00047	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	VOCs	1	75-01-4	Vinyl chloride	0.00093	0.000465	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	SSAO7-06	SSAO7-06-0BPC	9/27/2010	VOCs	1	75-01-4	Vinyl chloride	0.00093	0.000465	mg/kg	0.03	R4 Inverts	0.03	0.02
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	VOCs	1	75-01-4	Vinyl chloride	0.00088	0.00044	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-2	RISB-57	RISB-57-0.5-20141103	11/3/2014	VOCs	1	75-01-4	Vinyl chloride	0.00088	0.00044	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-3	SA65	SA65-10B	8/25/2009	VOCs	1.68	75-01-4	Vinyl chloride	0.00086	0.00043	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-1	SSAO8-08	SSAO8-08-0.5BPC	9/27/2010	VOCs	1	75-01-4	Vinyl chloride	0.00079	0.000395	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-1	SSAN7-07	SSAN7-07-0.5BPC	9/7/2010	VOCs	1	75-01-4	Vinyl chloride	0.00079	0.000395	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-1	SSAN8-07	SSAN8-07-0.5BPC	9/7/2010	VOCs	1	75-01-4	Vinyl chloride	0.00078	0.00039	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-1	SSAO7-04	SSAO7-04-0.5BPC	9/8/2010	VOCs	1	75-01-4	Vinyl chloride	0.00077	0.000385	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-1	SSAO8-05	SSAO8-05-0BPC	9/27/2010	VOCs	1	75-01-4	Vinyl chloride	0.00077	0.000385	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-1	SSAN7-06	SSAN7-06-0BPC	9/7/2010	VOCs	1	75-01-4	Vinyl chloride	0.00077	0.000385	mg/kg	0.03	R4 Inverts	0.03	0.01
DU-1	SSAO7-04	SSAO7-04-0BPC	9/8/2010	VOCs	1	75-01-4	Vinyl chloride	0.00071	0.000355	mg/kg	0.03	R4 Inverts	0.02	0.01
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	VOCs	1.15	75-01-4	Vinyl chloride	0.00068	0.00034	mg/kg	0.03	R4 Inverts	0.02	0.01
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	VOCs	1.08	75-01-4	Vinyl chloride	0.00068	0.00034	mg/kg	0.03	R4 Inverts	0.02	0.01
DU-2	SA103	SA103-0.5B	10/6/2009	VOCs	1.34	75-01-4	Vinyl chloride	0.00068	0.00034	mg/kg	0.03	R4 Inverts	0.02	0.01
DU-1	SA87	SA87-0.5B	6/25/2008	VOCs	1.02	75-01-4	Vinyl chloride	0.00068	0.00034	mg/kg	0.03	R4 Inverts	0.02	0.01
DU-1	SA180	SA180-0.5BD	6/26/2008	VOCs	0.95	75-01-4	Vinyl chloride	0.00068	0.00034	mg/kg	0.03	R4 Inverts	0.02	0.01
DU-1	SA180	SA180-0.5B	6/26/2008	VOCs	0.91	75-01-4	Vinyl chloride	0.00068	0.00034	mg/kg	0.03	R4 Inverts	0.02	0.01
DU-1	SA67	SA67-0.5B	7/7/2008	VOCs	0.91	75-01-4	Vinyl chloride	0.00068	0.00034	mg/kg	0.03	R4 Inverts	0.02	0.01
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	VOCs	1.14	75-01-4	Vinyl chloride	0.00059	0.000295	mg/kg	0.03	R4 Inverts	0.02	0.01
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	VOCs	1.08	75-01-4	Vinyl chloride	0.00056	0.00028	mg/kg	0.03	R4 Inverts	0.02	0.009
DU-2	SA116	SA116-0.5B	9/2/2009	VOCs	1.08	75-01-4	Vinyl chloride	0.00055	0.000275	mg/kg	0.03	R4 Inverts	0.02	0.009
DU-1	SA141	SA141009-14B	10/15/2009	VOCs	1.07	75-01-4	Vinyl chloride	0.00055	0.000275	mg/kg	0.03	R4 Inverts	0.02	0.009
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	VOCs	1.04	75-01-4	Vinyl chloride	0.00054	0.00027	mg/kg	0.03	R4 Inverts	0.02	0.009
DU-2	SA212	SA212-0.5B	9/28/2009	VOCs	1.09	75-01-4	Vinyl chloride	0.00054	0.00027	mg/kg	0.03	R4 Inverts	0.02	0.009
DU-2	SA121	SA121009-0.5B	9/25/2009	VOCs	1.02	75-01-4	Vinyl chloride	0.00053	0.000265	mg/kg	0.03	R4 Inverts	0.02	0.009
DU-2	SA138	SA138-0.5B	10/6/2009	VOCs	1.03	75-01-4	Vinyl chloride	0.00052	0.00026	mg/kg	0.03	R4 Inverts	0.02	0.009
DU-3	SA128	SA128-10B	9/16/2009	VOCs	0.99	75-01-4	Vinyl chloride	0.00051	0.000255	mg/kg	0.03	R4 Inverts	0.02	0.009
DU-1	SA151	SA151-0.5B	9/17/2009	VOCs	0.99	75-01-4	Vinyl chloride	0.0005	0.00025	mg/kg	0.03	R4 Inverts	0.02	0.008
DU-1	SA171	SA171-5B	10/19/2009	VOCs	0.98	75-01-4	Vinyl chloride	0.0005	0.00025	mg/kg	0.03	R4 Inverts	0.02	0.008
DU-1	SA157	SA157009-0.5B	10/20/2009	VOCs	0.96	75-01-4	Vinyl chloride	0.0005	0.00025	mg/kg	0.03	R4 Inverts	0.02	0.008
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	VOCs	0.98	75-01-4	Vinyl chloride	0.00049	0.000245	mg/kg	0.03	R4 Inverts	0.02	0.008
DU-2	SA31	SA31-0.5B	9/9/2009	VOCs	0.97	75-01-4	Vinyl chloride	0.00049	0.000245	mg/kg	0.03	R4 Inverts	0.02	0.008
DU-1	SA141	SA141-14B	10/15/2009	VOCs	0.97	75-01-4	Vinyl chloride	0.00049	0.000245	mg/kg	0.03	R4 Inverts	0.02	0.008
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	VOCs	0.93	75-01-4	Vinyl chloride	0.00047	0.000235	mg/kg	0.03	R4 Inverts	0.02	0.008
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	VOCs	0.95	75-01-4	Vinyl chloride	0.00047	0.000235	mg/kg	0.03	R4 Inverts	0.02	0.008
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	VOCs	0.93	75-01-4	Vinyl chloride	0.00047	0.000235	mg/kg	0.03	R4 Inverts	0.02	0.008
DU-2	SA28	SA28-0.5B	8/3/2009	VOCs	0.92	75-01-4	Vinyl chloride	0.00047	0.000235	mg/kg	0.03	R4 Inverts	0.02	0.008
DU-1	RSAO7	RSAO7-9B	10/12/2009	VOCs	0.89	75-01-4	Vinyl chloride	0.00045	0.000225	mg/kg	0.03	R4 Inverts	0.02	0.008
DU-2	SA146	SA146-0.5B	8/4/2009	VOCs	0.88	75-01-4	Vinyl chloride	0.00045	0.000225	mg/kg	0.03	R4 Inverts	0.02	0.008
DU-2	SA147	SA147-0.5B	8/4/2009	VOCs	0.83	75-01-4	Vinyl chloride	0.00044	0.00022	mg/kg	0.03	R4 Inverts	0.01	0.007
DU-2	SA121	SA121-0.5B	9/25/2009	VOCs	0.81	75-01-4	Vinyl chloride	0.00042	0.00021	mg/kg	0.03	R4 Inverts	0.01	0.007
DU-1	SA69	SA69-0.5B	7/7/2009	VOCs	0.72	75-01-4	Vinyl chloride	0.00038	0.00019	mg/kg	0.03	R4 Inverts	0.01	0.006
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	VOCs	0.71	75-01-4	Vinyl chloride	0.00035	0.000175	mg/kg	0.03	R4 Inverts	0.01	0.006
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	VOCs	1.33	75-01-4	Vinyl chloride	0.00032	0.00016	mg/kg	0.03	R4 Inverts	0.01	0.005
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	VOCs	0.63	75-01-4	Vinyl chloride	0.00032	0.00016	mg/kg	0.03	R4 Inverts	0.01	0.005
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	VOCs	0.63	75-01-4	Vinyl chloride	0.00032	0.00016	mg/kg	0.03	R4 Inverts	0.01	0.005
DU-1	SA71	SA71-0.5B	6/16/2009	VOCs	1.2	75-01-4	Vinyl chloride	0.00029	0.000145	mg/kg	0.03	R4 Inverts	0.01	0.005
DU-3	SA197	SA197-0.5B	6/19/2009	VOCs	1.07	75-01-4	Vinyl chloride	0.00027	0.000135	mg/kg	0.03	R4 Inverts	0.009	0.005

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA145	SA145-0.5B	6/12/2009	VOCs	1.14	75-01-4	Vinyl chloride	0.00027	0.000135	mg/kg	0.03	R4 Inverts	0.009	0.005
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	VOCs	0.99	75-01-4	Vinyl chloride	0.00026	0.00013	mg/kg	0.03	R4 Inverts	0.009	0.004
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	VOCs	1.09	75-01-4	Vinyl chloride	0.00026	0.00013	mg/kg	0.03	R4 Inverts	0.009	0.004
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	VOCs	1.08	75-01-4	Vinyl chloride	0.00026	0.00013	mg/kg	0.03	R4 Inverts	0.009	0.004
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	75-01-4	Vinyl chloride	0.00026	0.00013	mg/kg	0.03	R4 Inverts	0.009	0.004
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	VOCs	1.02	75-01-4	Vinyl chloride	0.00025	0.000125	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	VOCs	1.04	75-01-4	Vinyl chloride	0.00025	0.000125	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-1	SA35	SA35-0.5B	6/10/2009	VOCs	1.01	75-01-4	Vinyl chloride	0.00025	0.000125	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-1	SA186	SA186-0.5B	6/29/2009	VOCs	1	75-01-4	Vinyl chloride	0.00025	0.000125	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	75-01-4	Vinyl chloride	0.00025	0.000125	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-1	SA166	SA166-0.5B	6/11/2009	VOCs	1	75-01-4	Vinyl chloride	0.00025	0.000125	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	75-01-4	Vinyl chloride	0.00025	0.000125	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	75-01-4	Vinyl chloride	0.00025	0.000125	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-1	SA85	SA85-0.5B	6/16/2009	VOCs	1.02	75-01-4	Vinyl chloride	0.00025	0.000125	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	VOCs	0.94	75-01-4	Vinyl chloride	0.00024	0.00012	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	VOCs	0.91	75-01-4	Vinyl chloride	0.00024	0.00012	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	VOCs	0.97	75-01-4	Vinyl chloride	0.00024	0.00012	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	VOCs	0.97	75-01-4	Vinyl chloride	0.00024	0.00012	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-1	SA62	SA62-0.5B	6/16/2009	VOCs	0.97	75-01-4	Vinyl chloride	0.00024	0.00012	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	75-01-4	Vinyl chloride	0.00024	0.00012	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	75-01-4	Vinyl chloride	0.00024	0.00012	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-1	SA50	SA50-0.5B	6/30/2009	VOCs	0.97	75-01-4	Vinyl chloride	0.00024	0.00012	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	75-01-4	Vinyl chloride	0.00024	0.00012	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	VOCs	0.93	75-01-4	Vinyl chloride	0.00023	0.000115	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-1	SA176	SA176-0.5B	6/10/2009	VOCs	0.92	75-01-4	Vinyl chloride	0.00023	0.000115	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-1	SA75	SA75-0.5B	7/17/2009	VOCs	0.91	75-01-4	Vinyl chloride	0.00023	0.000115	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-1	SA152	SA152-0.5B	6/4/2009	VOCs	0.93	75-01-4	Vinyl chloride	0.00023	0.000115	mg/kg	0.03	R4 Inverts	0.008	0.004
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	VOCs	0.91	75-01-4	Vinyl chloride	0.00022	0.00011	mg/kg	0.03	R4 Inverts	0.007	0.004
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	VOCs	0.91	75-01-4	Vinyl chloride	0.00022	0.00011	mg/kg	0.03	R4 Inverts	0.007	0.004
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	VOCs	0.91	75-01-4	Vinyl chloride	0.00022	0.00011	mg/kg	0.03	R4 Inverts	0.007	0.004
DU-1	SA185	SA185-0.5B	6/29/2009	VOCs	0.89	75-01-4	Vinyl chloride	0.00022	0.00011	mg/kg	0.03	R4 Inverts	0.007	0.004
DU-1	SA55	SA55-0.5B	6/10/2009	VOCs	0.89	75-01-4	Vinyl chloride	0.00022	0.00011	mg/kg	0.03	R4 Inverts	0.007	0.004
DU-1	SA152	SA152009-0.5B	6/4/2009	VOCs	0.9	75-01-4	Vinyl chloride	0.00022	0.00011	mg/kg	0.03	R4 Inverts	0.007	0.004
DU-3	SA64	SA64-0.5B	6/19/2009	VOCs	0.88	75-01-4	Vinyl chloride	0.00022	0.00011	mg/kg	0.03	R4 Inverts	0.007	0.004
DU-1	SA173	SA173-0.5B	7/27/2009	VOCs	0.9	75-01-4	Vinyl chloride	0.00022	0.00011	mg/kg	0.03	R4 Inverts	0.007	0.004
DU-1	SA92	SA92-0.5B	6/17/2009	VOCs	0.89	75-01-4	Vinyl chloride	0.00022	0.00011	mg/kg	0.03	R4 Inverts	0.007	0.004
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	VOCs	0.91	75-01-4	Vinyl chloride	0.00022	0.00011	mg/kg	0.03	R4 Inverts	0.007	0.004
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	VOCs	0.86	75-01-4	Vinyl chloride	0.00021	0.000105	mg/kg	0.03	R4 Inverts	0.007	0.004
DU-1	SA158	SA158-0.5B	6/17/2009	VOCs	0.85	75-01-4	Vinyl chloride	0.00021	0.000105	mg/kg	0.03	R4 Inverts	0.007	0.004
DU-1	SA189	SA189-0.5B	6/4/2009	VOCs	0.85	75-01-4	Vinyl chloride	0.00021	0.000105	mg/kg	0.03	R4 Inverts	0.007	0.004
DU-1	SA179	SA179-0.5B	7/28/2009	VOCs	0.79	75-01-4	Vinyl chloride	0.00021	0.000105	mg/kg	0.03	R4 Inverts	0.007	0.004
DU-1	SA73	SA73-0.5B	7/29/2009	VOCs	0.77	75-01-4	Vinyl chloride	0.0002	0.0001	mg/kg	0.03	R4 Inverts	0.007	0.003
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	VOCs	0.76	75-01-4	Vinyl chloride	0.00019	0.000095	mg/kg	0.03	R4 Inverts	0.006	0.003
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	VOCs	0.74	75-01-4	Vinyl chloride	0.00019	0.000095	mg/kg	0.03	R4 Inverts	0.006	0.003
DU-1	SA74	SA74-0.5B	7/15/2009	VOCs	0.72	75-01-4	Vinyl chloride	0.00019	0.000095	mg/kg	0.03	R4 Inverts	0.006	0.003
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	VOCs	0.71	75-01-4	Vinyl chloride	0.00017	0.000085	mg/kg	0.03	R4 Inverts	0.006	0.003
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	VOCs	0.68	75-01-4	Vinyl chloride	0.00017	0.000085	mg/kg	0.03	R4 Inverts	0.006	0.003
DU-1	SA74	SA74009-0.5B	7/15/2009	VOCs	0.65	75-01-4	Vinyl chloride	0.00017	0.000085	mg/kg	0.03	R4 Inverts	0.006	0.003
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	VOCs	0.63	75-01-4	Vinyl chloride	0.00016	0.00008	mg/kg	0.03	R4 Inverts	0.005	0.003
DU-1	SA72	SA72-0.5B	7/27/2009	VOCs	0.64	75-01-4	Vinyl chloride	0.00016	0.00008	mg/kg	0.03	R4 Inverts	0.005	0.003
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	VOCs	0.6	75-01-4	Vinyl chloride	0.00015	0.000075	mg/kg	0.03	R4 Inverts	0.005	0.003
DU-1	SA173	SA173009-0.5B	7/27/2009	VOCs	0.58	75-01-4	Vinyl chloride	0.00015	0.000075	mg/kg	0.03	R4 Inverts	0.005	0.003

TABLE J-2a: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	1330-20-7	Xylenes (total)	0.012	0.006	mg/kg	0.1	R4 Inverts	0.1	0.06
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	1330-20-7	Xylenes (total)	0.012	0.006	mg/kg	0.1	R4 Inverts	0.1	0.06
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	1330-20-7	Xylenes (total)	0.011	0.0055	mg/kg	0.1	R4 Inverts	0.1	0.06
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	1330-20-7	Xylenes (total)	0.011	0.0055	mg/kg	0.1	R4 Inverts	0.1	0.06
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	1330-20-7	Xylenes (total)	0.011	0.0055	mg/kg	0.1	R4 Inverts	0.1	0.06
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	1330-20-7	Xylenes (total)	0.011	0.0055	mg/kg	0.1	R4 Inverts	0.1	0.06
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	1330-20-7	Xylenes (total)	0.011	0.0055	mg/kg	0.1	R4 Inverts	0.1	0.06
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	1330-20-7	Xylenes (total)	0.011	0.0055	mg/kg	0.1	R4 Inverts	0.1	0.06
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	1330-20-7	Xylenes (total)	0.011	0.0055	mg/kg	0.1	R4 Inverts	0.1	0.06
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	1330-20-7	Xylenes (total)	0.011	0.0055	mg/kg	0.1	R4 Inverts	0.1	0.06
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	1330-20-7	Xylenes (total)	0.011	0.0055	mg/kg	0.1	R4 Inverts	0.1	0.06
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	1330-20-7	Xylenes (total)	0.011	0.0055	mg/kg	0.1	R4 Inverts	0.1	0.06
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	1330-20-7	Xylenes (total)	0.011	0.0055	mg/kg	0.1	R4 Inverts	0.1	0.06
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	1330-20-7	Xylenes (total)	0.01	0.005	mg/kg	0.1	R4 Inverts	0.1	0.05
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	1330-20-7	Xylenes (total)	0.0098	0.0049	mg/kg	0.1	R4 Inverts	0.1	0.05
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	VOCs	1	1330-20-7	Xylenes (total)	0.00093	0.000465	mg/kg	0.1	R4 Inverts	0.009	0.005
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	VOCs	1	1330-20-7	Xylenes (total)	0.00091	0.000455	mg/kg	0.1	R4 Inverts	0.009	0.005
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	VOCs	1	1330-20-7	Xylenes (total)	0.00091	0.000455	mg/kg	0.1	R4 Inverts	0.009	0.005
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	VOCs	1	1330-20-7	Xylenes (total)	0.00089	0.000445	mg/kg	0.1	R4 Inverts	0.009	0.004
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	VOCs	1	1330-20-7	Xylenes (total)	0.00088	0.00044	mg/kg	0.1	R4 Inverts	0.009	0.004
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	VOCs	1	1330-20-7	Xylenes (total)	0.00088	0.00044	mg/kg	0.1	R4 Inverts	0.009	0.004
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	VOCs	1	1330-20-7	Xylenes (total)	0.00086	0.00043	mg/kg	0.1	R4 Inverts	0.009	0.004

Notes:

-- = No value
DU = Ecological Decision Unit
Eco-SSL = Ecological soil screening level (USEPA 2007)
ESV = Ecological screening value
LANL = Los Alamos National Laboratory (LANL 2018)
mg/kg = Milligram per kilogram
R4 = USEPA Region 4 (USEPA R4 2018)
SQL or 1/2 SQL = Sample quantitation limit or one-half sample quantitation limit
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1000	100 < HQ

LANL 2020: N3B (Newport News Nuclear BWXT-Los Alamos, LLC), November 2020. "ECORISK Database (Release 4.2)," on CD, Newport News Nuclear BWXT-Los Alamos, LLC, document EM2020-0575, Los Alamos, New Mexico.
USEPA 2007: USEPA. 2007. Ecological Soil Screening Levels. http://www.epa.gov/oswer/riskassessment/ecorisk/ecossl.htm.
USEPA 2018: USEPA Region 4. 2018. "Region 4 Ecological Risk Assessment Supplemental Guidance". March.

TABLE J-2b: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0022	0.0011	mg/kg	0.07	R4 Inverts	0.03	0.02
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.0011	0.00055	mg/kg	0.07	R4 Inverts	0.02	0.008
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00098	0.00049	mg/kg	0.07	R4 Inverts	0.01	0.007
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00098	0.00049	mg/kg	0.07	R4 Inverts	0.01	0.007
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00095	0.000475	mg/kg	0.07	R4 Inverts	0.01	0.007
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00089	0.000445	mg/kg	0.07	R4 Inverts	0.01	0.006
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00083	0.000415	mg/kg	0.07	R4 Inverts	0.01	0.006
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	630-20-6	1,1,1,2-Tetrachloroethane	0.00078	0.00039	mg/kg	0.07	R4 Inverts	0.01	0.006
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.0011	0.00055	mg/kg	0.04	R4 Inverts	0.03	0.01
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00054	0.00027	mg/kg	0.04	R4 Inverts	0.01	0.007
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00049	0.000245	mg/kg	0.04	R4 Inverts	0.01	0.006
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00049	0.000245	mg/kg	0.04	R4 Inverts	0.01	0.006
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00042	0.00021	mg/kg	0.04	R4 Inverts	0.01	0.005
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	71-55-6	1,1,1-Trichloroethane	0.00039	0.000195	mg/kg	0.04	R4 Inverts	0.01	0.005
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0022	0.0011	mg/kg	0.127	R4 Mammals	0.02	0.009
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.0011	0.00055	mg/kg	0.127	R4 Mammals	0.009	0.004
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00098	0.00049	mg/kg	0.127	R4 Mammals	0.008	0.004
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00098	0.00049	mg/kg	0.127	R4 Mammals	0.008	0.004
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00095	0.000475	mg/kg	0.127	R4 Mammals	0.007	0.004
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00094	0.00047	mg/kg	0.127	R4 Mammals	0.007	0.004
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00083	0.000415	mg/kg	0.127	R4 Mammals	0.007	0.003
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	79-34-5	1,1,2,2-Tetrachloroethane	0.00078	0.00039	mg/kg	0.127	R4 Mammals	0.006	0.003
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.0011	0.00055	mg/kg	0.32	R4 Inverts	0.003	0.002
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00054	0.00027	mg/kg	0.32	R4 Inverts	0.002	0.0008
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00049	0.000245	mg/kg	0.32	R4 Inverts	0.002	0.0008
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00049	0.000245	mg/kg	0.32	R4 Inverts	0.002	0.0008
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00047	0.000235	mg/kg	0.32	R4 Inverts	0.001	0.0007
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00047	0.000235	mg/kg	0.32	R4 Inverts	0.001	0.0007
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00042	0.00021	mg/kg	0.32	R4 Inverts	0.001	0.0007
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	79-00-5	1,1,2-Trichloroethane	0.00039	0.000195	mg/kg	0.32	R4 Inverts	0.001	0.0006
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	75-34-3	1,1-Dichloroethane	0.0011	0.00055	mg/kg	0.14	R4 Inverts	0.008	0.004
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	75-34-3	1,1-Dichloroethane	0.00054	0.00027	mg/kg	0.14	R4 Inverts	0.004	0.002
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	75-34-3	1,1-Dichloroethane	0.00049	0.000245	mg/kg	0.14	R4 Inverts	0.004	0.002
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	75-34-3	1,1-Dichloroethane	0.00049	0.000245	mg/kg	0.14	R4 Inverts	0.004	0.002
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	75-34-3	1,1-Dichloroethane	0.00047	0.000235	mg/kg	0.14	R4 Inverts	0.003	0.002
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	75-34-3	1,1-Dichloroethane	0.00047	0.000235	mg/kg	0.14	R4 Inverts	0.003	0.002
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	75-34-3	1,1-Dichloroethane	0.00042	0.00021	mg/kg	0.14	R4 Inverts	0.003	0.002
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	75-34-3	1,1-Dichloroethane	0.00039	0.000195	mg/kg	0.14	R4 Inverts	0.003	0.001
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	75-35-4	1,1-Dichloroethene	0.0011	0.00055	mg/kg	0.04	R4 Inverts	0.03	0.01
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	75-35-4	1,1-Dichloroethene	0.00054	0.00027	mg/kg	0.04	R4 Inverts	0.01	0.007
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	75-35-4	1,1-Dichloroethene	0.00049	0.000245	mg/kg	0.04	R4 Inverts	0.01	0.006
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	75-35-4	1,1-Dichloroethene	0.00049	0.000245	mg/kg	0.04	R4 Inverts	0.01	0.006
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	75-35-4	1,1-Dichloroethene	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	75-35-4	1,1-Dichloroethene	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	75-35-4	1,1-Dichloroethene	0.00042	0.00021	mg/kg	0.04	R4 Inverts	0.01	0.005
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	75-35-4	1,1-Dichloroethene	0.00039	0.000195	mg/kg	0.04	R4 Inverts	0.01	0.005
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	87-61-6	1,2,3-Trichlorobenzene	0.0022	0.0011	mg/kg	20	R4 Inverts	0.0001	0.00006
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	87-61-6	1,2,3-Trichlorobenzene	0.0011	0.00055	mg/kg	20	R4 Inverts	0.00006	0.00003
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	87-61-6	1,2,3-Trichlorobenzene	0.00098	0.00049	mg/kg	20	R4 Inverts	0.00005	0.00002
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	87-61-6	1,2,3-Trichlorobenzene	0.00098	0.00049	mg/kg	20	R4 Inverts	0.00005	0.00002

TABLE J-2b: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	87-61-6	1,2,3-Trichlorobenzene	0.00095	0.000475	mg/kg	20	R4 Inverts	0.00005	0.00002
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	87-61-6	1,2,3-Trichlorobenzene	0.00094	0.00047	mg/kg	20	R4 Inverts	0.00005	0.00002
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	87-61-6	1,2,3-Trichlorobenzene	0.00083	0.000415	mg/kg	20	R4 Inverts	0.00004	0.00002
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	87-61-6	1,2,3-Trichlorobenzene	0.00078	0.00039	mg/kg	20	R4 Inverts	0.00004	0.00002
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	120-82-1	1,2,4-Trichlorobenzene	0.0022	0.0011	mg/kg	0.27	R4 Mammals	0.008	0.004
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	120-82-1	1,2,4-Trichlorobenzene	0.0011	0.00055	mg/kg	0.27	R4 Mammals	0.004	0.002
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	120-82-1	1,2,4-Trichlorobenzene	0.00098	0.00049	mg/kg	0.27	R4 Mammals	0.004	0.002
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	120-82-1	1,2,4-Trichlorobenzene	0.00098	0.00049	mg/kg	0.27	R4 Mammals	0.004	0.002
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	120-82-1	1,2,4-Trichlorobenzene	0.00095	0.000475	mg/kg	0.27	R4 Mammals	0.004	0.002
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	120-82-1	1,2,4-Trichlorobenzene	0.00094	0.00047	mg/kg	0.27	R4 Mammals	0.003	0.002
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	120-82-1	1,2,4-Trichlorobenzene	0.00083	0.000415	mg/kg	0.27	R4 Mammals	0.003	0.002
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	120-82-1	1,2,4-Trichlorobenzene	0.00078	0.00039	mg/kg	0.27	R4 Mammals	0.003	0.001
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	95-63-6	1,2,4-Trimethylbenzene	0.0022	0.0011	mg/kg	0.09	R4 Inverts	0.02	0.01
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	95-63-6	1,2,4-Trimethylbenzene	0.0011	0.00055	mg/kg	0.09	R4 Inverts	0.01	0.006
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	95-63-6	1,2,4-Trimethylbenzene	0.00098	0.00049	mg/kg	0.09	R4 Inverts	0.01	0.005
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	95-63-6	1,2,4-Trimethylbenzene	0.00098	0.00049	mg/kg	0.09	R4 Inverts	0.01	0.005
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	95-63-6	1,2,4-Trimethylbenzene	0.00095	0.000475	mg/kg	0.09	R4 Inverts	0.01	0.005
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	95-63-6	1,2,4-Trimethylbenzene	0.00094	0.00047	mg/kg	0.09	R4 Inverts	0.01	0.005
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	95-63-6	1,2,4-Trimethylbenzene	0.00083	0.000415	mg/kg	0.09	R4 Inverts	0.009	0.005
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	95-63-6	1,2,4-Trimethylbenzene	0.00078	0.00039	mg/kg	0.09	R4 Inverts	0.009	0.004
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	95-50-1	1,2-Dichlorobenzene	0.0011	0.00055	mg/kg	0.09	R4 Inverts	0.01	0.006
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	95-50-1	1,2-Dichlorobenzene	0.00054	0.00027	mg/kg	0.09	R4 Inverts	0.006	0.003
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	95-50-1	1,2-Dichlorobenzene	0.00049	0.000245	mg/kg	0.09	R4 Inverts	0.005	0.003
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	95-50-1	1,2-Dichlorobenzene	0.00049	0.000245	mg/kg	0.09	R4 Inverts	0.005	0.003
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	95-50-1	1,2-Dichlorobenzene	0.00049	0.000245	mg/kg	0.09	R4 Inverts	0.005	0.003
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	95-50-1	1,2-Dichlorobenzene	0.00049	0.000245	mg/kg	0.09	R4 Inverts	0.005	0.003
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	95-50-1	1,2-Dichlorobenzene	0.00047	0.000235	mg/kg	0.09	R4 Inverts	0.005	0.003
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	95-50-1	1,2-Dichlorobenzene	0.00047	0.000235	mg/kg	0.09	R4 Inverts	0.005	0.003
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	95-50-1	1,2-Dichlorobenzene	0.00042	0.00021	mg/kg	0.09	R4 Inverts	0.005	0.002
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	95-50-1	1,2-Dichlorobenzene	0.00039	0.000195	mg/kg	0.09	R4 Inverts	0.004	0.002
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	107-06-2	1,2-Dichloroethane	0.0011	0.00055	mg/kg	0.4	R4 Inverts	0.003	0.001
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	107-06-2	1,2-Dichloroethane	0.00054	0.00027	mg/kg	0.4	R4 Inverts	0.001	0.0007
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	107-06-2	1,2-Dichloroethane	0.00049	0.000245	mg/kg	0.4	R4 Inverts	0.001	0.0006
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	107-06-2	1,2-Dichloroethane	0.00049	0.000245	mg/kg	0.4	R4 Inverts	0.001	0.0006
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	107-06-2	1,2-Dichloroethane	0.00047	0.000235	mg/kg	0.4	R4 Inverts	0.001	0.0006
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	107-06-2	1,2-Dichloroethane	0.00047	0.000235	mg/kg	0.4	R4 Inverts	0.001	0.0006
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	107-06-2	1,2-Dichloroethane	0.00042	0.00021	mg/kg	0.4	R4 Inverts	0.001	0.0005
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	107-06-2	1,2-Dichloroethane	0.00039	0.000195	mg/kg	0.4	R4 Inverts	0.001	0.0005
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	78-87-5	1,2-Dichloropropane	0.0011	0.00055	mg/kg	0.28	R4 Inverts	0.004	0.002
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	78-87-5	1,2-Dichloropropane	0.00054	0.00027	mg/kg	0.28	R4 Inverts	0.002	0.001
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	78-87-5	1,2-Dichloropropane	0.00049	0.000245	mg/kg	0.28	R4 Inverts	0.002	0.0009
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	78-87-5	1,2-Dichloropropane	0.00049	0.000245	mg/kg	0.28	R4 Inverts	0.002	0.0009
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	78-87-5	1,2-Dichloropropane	0.00047	0.000235	mg/kg	0.28	R4 Inverts	0.002	0.0008
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	78-87-5	1,2-Dichloropropane	0.00047	0.000235	mg/kg	0.28	R4 Inverts	0.002	0.0008
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	78-87-5	1,2-Dichloropropane	0.00042	0.00021	mg/kg	0.28	R4 Inverts	0.002	0.0008
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	78-87-5	1,2-Dichloropropane	0.00039	0.000195	mg/kg	0.28	R4 Inverts	0.001	0.0007
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0022	0.0011	mg/kg	0.16	R4 Inverts	0.01	0.007
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.0011	0.00055	mg/kg	0.16	R4 Inverts	0.007	0.003
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00098	0.00049	mg/kg	0.16	R4 Inverts	0.006	0.003
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00098	0.00049	mg/kg	0.16	R4 Inverts	0.006	0.003
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00095	0.000475	mg/kg	0.16	R4 Inverts	0.006	0.003
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00094	0.00047	mg/kg	0.16	R4 Inverts	0.006	0.003
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00083	0.000415	mg/kg	0.16	R4 Inverts	0.005	0.003
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	108-67-8	1,3,5-Trimethylbenzene	0.00078	0.00039	mg/kg	0.16	R4 Inverts	0.005	0.002

TABLE J-2b: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.0011	0.00055	mg/kg	0.08	R4 Inverts	0.01	0.007
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00054	0.00027	mg/kg	0.08	R4 Inverts	0.007	0.003
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00049	0.000245	mg/kg	0.08	R4 Inverts	0.006	0.003
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00049	0.000245	mg/kg	0.08	R4 Inverts	0.006	0.003
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00047	0.000235	mg/kg	0.08	R4 Inverts	0.006	0.003
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00047	0.000235	mg/kg	0.08	R4 Inverts	0.006	0.003
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00042	0.00021	mg/kg	0.08	R4 Inverts	0.005	0.003
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	541-73-1	1,3-Dichlorobenzene	0.00039	0.000195	mg/kg	0.08	R4 Inverts	0.005	0.002
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	106-46-7	1,4-Dichlorobenzene	0.0011	0.00055	mg/kg	0.89	R4 Mammals	0.001	0.0006
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	106-46-7	1,4-Dichlorobenzene	0.00054	0.00027	mg/kg	0.89	R4 Mammals	0.0006	0.0003
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	106-46-7	1,4-Dichlorobenzene	0.00049	0.000245	mg/kg	0.89	R4 Mammals	0.0006	0.0003
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	106-46-7	1,4-Dichlorobenzene	0.00049	0.000245	mg/kg	0.89	R4 Mammals	0.0006	0.0003
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	106-46-7	1,4-Dichlorobenzene	0.00047	0.000235	mg/kg	0.89	R4 Mammals	0.0005	0.0003
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	106-46-7	1,4-Dichlorobenzene	0.00047	0.000235	mg/kg	0.89	R4 Mammals	0.0005	0.0003
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	106-46-7	1,4-Dichlorobenzene	0.00042	0.00021	mg/kg	0.89	R4 Mammals	0.0005	0.0002
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	106-46-7	1,4-Dichlorobenzene	0.00039	0.000195	mg/kg	0.89	R4 Mammals	0.0004	0.0002
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.28	0.14	mg/kg	4	R4 Plants	0.07	0.04
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.28	0.14	mg/kg	4	R4 Plants	0.07	0.04
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.27	0.135	mg/kg	4	R4 Plants	0.07	0.03
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.27	0.135	mg/kg	4	R4 Plants	0.07	0.03
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.27	0.135	mg/kg	4	R4 Plants	0.07	0.03
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.27	0.135	mg/kg	4	R4 Plants	0.07	0.03
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.27	0.135	mg/kg	4	R4 Plants	0.07	0.03
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	95-95-4	2,4,5-Trichlorophenol	0.27	0.135	mg/kg	4	R4 Plants	0.07	0.03
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	88-06-2	2,4,6-Trichlorophenol	0.17	0.085	mg/kg	9.94	R4 Mammals	0.02	0.009
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	88-06-2	2,4,6-Trichlorophenol	0.17	0.085	mg/kg	9.94	R4 Mammals	0.02	0.009
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	88-06-2	2,4,6-Trichlorophenol	0.16	0.08	mg/kg	9.94	R4 Mammals	0.02	0.008
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	88-06-2	2,4,6-Trichlorophenol	0.16	0.08	mg/kg	9.94	R4 Mammals	0.02	0.008
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	88-06-2	2,4,6-Trichlorophenol	0.16	0.08	mg/kg	9.94	R4 Mammals	0.02	0.008
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	88-06-2	2,4,6-Trichlorophenol	0.16	0.08	mg/kg	9.94	R4 Mammals	0.02	0.008
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	88-06-2	2,4,6-Trichlorophenol	0.16	0.08	mg/kg	9.94	R4 Mammals	0.02	0.008
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	88-06-2	2,4,6-Trichlorophenol	0.16	0.08	mg/kg	9.94	R4 Mammals	0.02	0.008
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.071	0.0355	mg/kg	0.05	R4 Inverts	**1**	0.7
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.07	0.035	mg/kg	0.05	R4 Inverts	**1**	0.7
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.068	0.034	mg/kg	0.05	R4 Inverts	**1**	0.7
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	51-28-5	2,4-Dinitrophenol	1.1	0.55	mg/kg	0.061	R4 Mammals	20	9
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	51-28-5	2,4-Dinitrophenol	1	0.5	mg/kg	0.061	R4 Mammals	20	8
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	51-28-5	2,4-Dinitrophenol	1	0.5	mg/kg	0.061	R4 Mammals	20	8
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	51-28-5	2,4-Dinitrophenol	1	0.5	mg/kg	0.061	R4 Mammals	20	8

TABLE J-2b: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	51-28-5	2,4-Dinitrophenol	1	0.5	mg/kg	0.061	R4 Mammals	20	8
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	51-28-5	2,4-Dinitrophenol	1	0.5	mg/kg	0.061	R4 Mammals	20	8
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	51-28-5	2,4-Dinitrophenol	1	0.5	mg/kg	0.061	R4 Mammals	20	8
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	51-28-5	2,4-Dinitrophenol	1	0.5	mg/kg	0.061	R4 Mammals	20	8
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.085	0.0425	mg/kg	6	R4 Plants	0.01	0.007
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.083	0.0415	mg/kg	6	R4 Plants	0.01	0.007
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.082	0.041	mg/kg	6	R4 Plants	0.01	0.007
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.082	0.041	mg/kg	6	R4 Plants	0.01	0.007
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.082	0.041	mg/kg	6	R4 Plants	0.01	0.007
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.082	0.041	mg/kg	6	R4 Plants	0.01	0.007
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.082	0.041	mg/kg	6	R4 Plants	0.01	0.007
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	121-14-2	2,4-Dinitrotoluene	0.081	0.0405	mg/kg	6	R4 Plants	0.01	0.007
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.1	0.05	mg/kg	4	R4 Mammals	0.03	0.01
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.099	0.0495	mg/kg	4	R4 Mammals	0.02	0.01
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.098	0.049	mg/kg	4	R4 Mammals	0.02	0.01
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.098	0.049	mg/kg	4	R4 Mammals	0.02	0.01
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.098	0.049	mg/kg	4	R4 Mammals	0.02	0.01
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.098	0.049	mg/kg	4	R4 Mammals	0.02	0.01
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.097	0.0485	mg/kg	4	R4 Mammals	0.02	0.01
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	606-20-2	2,6-Dinitrotoluene	0.097	0.0485	mg/kg	4	R4 Mammals	0.02	0.01
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	78-93-3	2-Butanone	0.011	0.0055	mg/kg	1	R4 Inverts	0.01	0.006
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	78-93-3	2-Butanone	0.0054	0.0027	mg/kg	1	R4 Inverts	0.005	0.003
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	78-93-3	2-Butanone	0.0049	0.00245	mg/kg	1	R4 Inverts	0.005	0.002
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	78-93-3	2-Butanone	0.0049	0.00245	mg/kg	1	R4 Inverts	0.005	0.002
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	78-93-3	2-Butanone	0.0047	0.00235	mg/kg	1	R4 Inverts	0.005	0.002
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	78-93-3	2-Butanone	0.0047	0.00235	mg/kg	1	R4 Inverts	0.005	0.002
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	78-93-3	2-Butanone	0.0042	0.0021	mg/kg	1	R4 Inverts	0.004	0.002
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	78-93-3	2-Butanone	0.0039	0.00195	mg/kg	1	R4 Inverts	0.004	0.002
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	95-57-8	2-Chlorophenol	0.074	0.037	mg/kg	0.06	R4 Inverts	**1**	0.6
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	95-57-8	2-Chlorophenol	0.073	0.0365	mg/kg	0.06	R4 Inverts	**1**	0.6
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	95-57-8	2-Chlorophenol	0.072	0.036	mg/kg	0.06	R4 Inverts	**1**	0.6
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	95-57-8	2-Chlorophenol	0.072	0.036	mg/kg	0.06	R4 Inverts	**1**	0.6
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	95-57-8	2-Chlorophenol	0.072	0.036	mg/kg	0.06	R4 Inverts	**1**	0.6
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	95-57-8	2-Chlorophenol	0.072	0.036	mg/kg	0.06	R4 Inverts	**1**	0.6
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	95-57-8	2-Chlorophenol	0.072	0.036	mg/kg	0.06	R4 Inverts	**1**	0.6
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	95-57-8	2-Chlorophenol	0.071	0.0355	mg/kg	0.06	R4 Inverts	**1**	0.6
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	591-78-6	2-Hexanone	0.011	0.0055	mg/kg	0.36	R4 Birds	0.03	0.02
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	591-78-6	2-Hexanone	0.0054	0.0027	mg/kg	0.36	R4 Birds	0.02	0.008
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	591-78-6	2-Hexanone	0.0049	0.00245	mg/kg	0.36	R4 Birds	0.01	0.007
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	591-78-6	2-Hexanone	0.0049	0.00245	mg/kg	0.36	R4 Birds	0.01	0.007
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	591-78-6	2-Hexanone	0.0047	0.00235	mg/kg	0.36	R4 Birds	0.01	0.007
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	591-78-6	2-Hexanone	0.0044	0.0022	mg/kg	0.36	R4 Birds	0.01	0.006
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	591-78-6	2-Hexanone	0.0042	0.0021	mg/kg	0.36	R4 Birds	0.01	0.006
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	591-78-6	2-Hexanone	0.0039	0.00195	mg/kg	0.36	R4 Birds	0.01	0.005
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	95-48-7	2-Methylphenol	0.085	0.0425	mg/kg	0.1	R4 Inverts	0.9	0.4
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	95-48-7	2-Methylphenol	0.083	0.0415	mg/kg	0.1	R4 Inverts	0.8	0.4
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	95-48-7	2-Methylphenol	0.082	0.041	mg/kg	0.1	R4 Inverts	0.8	0.4
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	95-48-7	2-Methylphenol	0.082	0.041	mg/kg	0.1	R4 Inverts	0.8	0.4
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	95-48-7	2-Methylphenol	0.082	0.041	mg/kg	0.1	R4 Inverts	0.8	0.4
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	95-48-7	2-Methylphenol	0.082	0.041	mg/kg	0.1	R4 Inverts	0.8	0.4
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	95-48-7	2-Methylphenol	0.082	0.041	mg/kg	0.1	R4 Inverts	0.8	0.4
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	95-48-7	2-Methylphenol	0.081	0.0405	mg/kg	0.1	R4 Inverts	0.8	0.4

TABLE J-2b: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	88-74-4	2-Nitroaniline	0.18	0.09	mg/kg	0.02	R4 Inverts	9	5
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	88-74-4	2-Nitroaniline	0.18	0.09	mg/kg	0.02	R4 Inverts	9	5
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	88-74-4	2-Nitroaniline	0.18	0.09	mg/kg	0.02	R4 Inverts	9	5
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	88-74-4	2-Nitroaniline	0.18	0.09	mg/kg	0.02	R4 Inverts	9	5
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	88-74-4	2-Nitroaniline	0.18	0.09	mg/kg	0.02	R4 Inverts	9	5
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	88-74-4	2-Nitroaniline	0.17	0.085	mg/kg	0.02	R4 Inverts	9	4
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	88-74-4	2-Nitroaniline	0.17	0.085	mg/kg	0.02	R4 Inverts	9	4
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	88-74-4	2-Nitroaniline	0.17	0.085	mg/kg	0.02	R4 Inverts	9	4
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	1319-77-3MP	3&4-Methylphenol	0.14	0.07	mg/kg	0.69	LANL Min NOAEL TRV for 3-methylphenol was used as a surrogate.	0.2	0.1
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	1319-77-3MP	3&4-Methylphenol	0.14	0.07	mg/kg	0.69	LANL Min NOAEL TRV for 3-methylphenol was used as a surrogate.	0.2	0.1
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	1319-77-3MP	3&4-Methylphenol	0.14	0.07	mg/kg	0.69	LANL Min NOAEL TRV for 3-methylphenol was used as a surrogate.	0.2	0.1
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	1319-77-3MP	3&4-Methylphenol	0.14	0.07	mg/kg	0.69	LANL Min NOAEL TRV for 3-methylphenol was used as a surrogate.	0.2	0.1
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	1319-77-3MP	3&4-Methylphenol	0.14	0.07	mg/kg	0.69	LANL Min NOAEL TRV for 3-methylphenol was used as a surrogate.	0.2	0.1
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	1319-77-3MP	3&4-Methylphenol	0.14	0.07	mg/kg	0.69	LANL Min NOAEL TRV for 3-methylphenol was used as a surrogate.	0.2	0.1
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	1319-77-3MP	3&4-Methylphenol	0.14	0.07	mg/kg	0.69	LANL Min NOAEL TRV for 3-methylphenol was used as a surrogate.	0.2	0.1
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	1319-77-3MP	3&4-Methylphenol	0.14	0.07	mg/kg	0.69	LANL Min NOAEL TRV for 3-methylphenol was used as a surrogate.	0.2	0.1
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	72-54-8	4,4'-DDD	0.0016	0.0008	mg/kg	0.021	Eco-SSL Mammals	0.08	0.04
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	72-54-8	4,4'-DDD	0.0016	0.0008	mg/kg	0.021	Eco-SSL Mammals	0.08	0.04
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	72-54-8	4,4'-DDD	0.0015	0.00075	mg/kg	0.021	Eco-SSL Mammals	0.07	0.04
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	72-54-8	4,4'-DDD	0.0015	0.00075	mg/kg	0.021	Eco-SSL Mammals	0.07	0.04
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	72-54-8	4,4'-DDD	0.0015	0.00075	mg/kg	0.021	Eco-SSL Mammals	0.07	0.04
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	72-54-8	4,4'-DDD	0.0015	0.00075	mg/kg	0.021	Eco-SSL Mammals	0.07	0.04
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	72-54-8	4,4'-DDD	0.0015	0.00075	mg/kg	0.021	Eco-SSL Mammals	0.07	0.04
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	72-54-8	4,4'-DDD	0.0015	0.00075	mg/kg	0.021	Eco-SSL Mammals	0.07	0.04
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	106-47-8	4-Chloroaniline	0.16	0.08	mg/kg	1	R4 Plants	0.2	0.08
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	106-47-8	4-Chloroaniline	0.16	0.08	mg/kg	1	R4 Plants	0.2	0.08
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	106-47-8	4-Chloroaniline	0.15	0.075	mg/kg	1	R4 Plants	0.2	0.08
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	106-47-8	4-Chloroaniline	0.15	0.075	mg/kg	1	R4 Plants	0.2	0.08
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	106-47-8	4-Chloroaniline	0.15	0.075	mg/kg	1	R4 Plants	0.2	0.08
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	106-47-8	4-Chloroaniline	0.15	0.075	mg/kg	1	R4 Plants	0.2	0.08
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	106-47-8	4-Chloroaniline	0.15	0.075	mg/kg	1	R4 Plants	0.2	0.08
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	106-47-8	4-Chloroaniline	0.15	0.075	mg/kg	1	R4 Plants	0.2	0.08
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	108-10-1	4-Methyl-2-pentanone	0.0056	0.0028	mg/kg	9.7	LANL Min NOAEL TRV	0.0006	0.0003
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	108-10-1	4-Methyl-2-pentanone	0.0027	0.00135	mg/kg	9.7	LANL Min NOAEL TRV	0.0003	0.0001
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	108-10-1	4-Methyl-2-pentanone	0.0024	0.0012	mg/kg	9.7	LANL Min NOAEL TRV	0.0002	0.0001
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	108-10-1	4-Methyl-2-pentanone	0.0024	0.0012	mg/kg	9.7	LANL Min NOAEL TRV	0.0002	0.0001

TABLE J-2b: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	108-10-1	4-Methyl-2-pentanone	0.0024	0.0012	mg/kg	9.7	LANL Min NOAEL TRV	0.0002	0.0001
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	108-10-1	4-Methyl-2-pentanone	0.0023	0.00115	mg/kg	9.7	LANL Min NOAEL TRV	0.0002	0.0001
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	108-10-1	4-Methyl-2-pentanone	0.0021	0.00105	mg/kg	9.7	LANL Min NOAEL TRV	0.0002	0.0001
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	108-10-1	4-Methyl-2-pentanone	0.0019	0.00095	mg/kg	9.7	LANL Min NOAEL TRV	0.0002	0.0001
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	100-02-7	4-Nitrophenol	0.53	0.265	mg/kg	5.12	R4 Mammals	0.1	0.05
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	100-02-7	4-Nitrophenol	0.52	0.26	mg/kg	5.12	R4 Mammals	0.1	0.05
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	100-02-7	4-Nitrophenol	0.52	0.26	mg/kg	5.12	R4 Mammals	0.1	0.05
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	100-02-7	4-Nitrophenol	0.52	0.26	mg/kg	5.12	R4 Mammals	0.1	0.05
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	100-02-7	4-Nitrophenol	0.51	0.255	mg/kg	5.12	R4 Mammals	0.1	0.05
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	100-02-7	4-Nitrophenol	0.51	0.255	mg/kg	5.12	R4 Mammals	0.1	0.05
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	100-02-7	4-Nitrophenol	0.51	0.255	mg/kg	5.12	R4 Mammals	0.1	0.05
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	100-02-7	4-Nitrophenol	0.51	0.255	mg/kg	5.12	R4 Mammals	0.1	0.05
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	67-64-1	Acetone	0.018	0.009	mg/kg	0.04	R4 Inverts	0.5	0.2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	67-64-1	Acetone	0.0086	0.0043	mg/kg	0.04	R4 Inverts	0.2	0.1
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	67-64-1	Acetone	0.0078	0.0039	mg/kg	0.04	R4 Inverts	0.2	0.1
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	67-64-1	Acetone	0.0078	0.0039	mg/kg	0.04	R4 Inverts	0.2	0.1
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	67-64-1	Acetone	0.0076	0.0038	mg/kg	0.04	R4 Inverts	0.2	0.1
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	67-64-1	Acetone	0.0071	0.00355	mg/kg	0.04	R4 Inverts	0.2	0.09
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	67-64-1	Acetone	0.0067	0.00335	mg/kg	0.04	R4 Inverts	0.2	0.08
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	67-64-1	Acetone	0.0062	0.0031	mg/kg	0.04	R4 Inverts	0.2	0.08
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	309-00-2	Aldrin	0.0016	0.0008	mg/kg	0.03	R4 Inverts	0.05	0.03
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	309-00-2	Aldrin	0.0015	0.00075	mg/kg	0.03	R4 Inverts	0.05	0.03
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	319-84-6	alpha-BHC	0.0016	0.0008	mg/kg	0.0003	R4 Inverts	5	3
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	319-84-6	alpha-BHC	0.0016	0.0008	mg/kg	0.0003	R4 Inverts	5	3
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	319-84-6	alpha-BHC	0.0015	0.00075	mg/kg	0.0003	R4 Inverts	5	3
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	319-84-6	alpha-BHC	0.0015	0.00075	mg/kg	0.0003	R4 Inverts	5	3
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	319-84-6	alpha-BHC	0.0015	0.00075	mg/kg	0.0003	R4 Inverts	5	3
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	319-84-6	alpha-BHC	0.0015	0.00075	mg/kg	0.0003	R4 Inverts	5	3
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	319-84-6	alpha-BHC	0.0015	0.00075	mg/kg	0.0003	R4 Inverts	5	3
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	319-84-6	alpha-BHC	0.0015	0.00075	mg/kg	0.0003	R4 Inverts	5	3
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	5103-71-9	alpha-Chlordane	0.0021	0.00105	mg/kg	0.0029	R4 Inverts	0.7	0.4
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	5103-71-9	alpha-Chlordane	0.002	0.001	mg/kg	0.0029	R4 Inverts	0.7	0.3
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	5103-71-9	alpha-Chlordane	0.002	0.001	mg/kg	0.0029	R4 Inverts	0.7	0.3
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100

TABLE J-2b: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	71-43-2	Benzene	0.0011	0.00055	mg/kg	0.12	R4 Inverts	0.009	0.005
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	71-43-2	Benzene	0.00054	0.00027	mg/kg	0.12	R4 Inverts	0.005	0.002
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	71-43-2	Benzene	0.00049	0.000245	mg/kg	0.12	R4 Inverts	0.004	0.002
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	71-43-2	Benzene	0.00049	0.000245	mg/kg	0.12	R4 Inverts	0.004	0.002
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	71-43-2	Benzene	0.00047	0.000235	mg/kg	0.12	R4 Inverts	0.004	0.002
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	71-43-2	Benzene	0.00047	0.000235	mg/kg	0.12	R4 Inverts	0.004	0.002
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	71-43-2	Benzene	0.00042	0.00021	mg/kg	0.12	R4 Inverts	0.004	0.002
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	71-43-2	Benzene	0.00039	0.000195	mg/kg	0.12	R4 Inverts	0.003	0.002
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	65-85-0	Benzoic acid	0.5	0.25	mg/kg	0.01	R4 Inverts	50	30
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	65-85-0	Benzoic acid	0.49	0.245	mg/kg	0.01	R4 Inverts	50	20
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	65-85-0	Benzoic acid	0.49	0.245	mg/kg	0.01	R4 Inverts	50	20
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	65-85-0	Benzoic acid	0.49	0.245	mg/kg	0.01	R4 Inverts	50	20
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	65-85-0	Benzoic acid	0.49	0.245	mg/kg	0.01	R4 Inverts	50	20
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	65-85-0	Benzoic acid	0.49	0.245	mg/kg	0.01	R4 Inverts	50	20
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	65-85-0	Benzoic acid	0.49	0.245	mg/kg	0.01	R4 Inverts	50	20
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	65-85-0	Benzoic acid	0.48	0.24	mg/kg	0.01	R4 Inverts	50	20
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	100-51-6	Benzyl alcohol	0.44	0.22	mg/kg	0.002	R4 Inverts	200	100
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	100-51-6	Benzyl alcohol	0.43	0.215	mg/kg	0.002	R4 Inverts	200	100
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	100-51-6	Benzyl alcohol	0.42	0.21	mg/kg	0.002	R4 Inverts	200	100
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	100-51-6	Benzyl alcohol	0.42	0.21	mg/kg	0.002	R4 Inverts	200	100
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	100-51-6	Benzyl alcohol	0.42	0.21	mg/kg	0.002	R4 Inverts	200	100
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	100-51-6	Benzyl alcohol	0.42	0.21	mg/kg	0.002	R4 Inverts	200	100
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	100-51-6	Benzyl alcohol	0.42	0.21	mg/kg	0.002	R4 Inverts	200	100
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	100-51-6	Benzyl alcohol	0.42	0.21	mg/kg	0.002	R4 Inverts	200	100
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	117-81-7	bis(2-Ethylhexyl)phthalate	0.096	0.048	mg/kg	0.02	R4 Birds	5	2
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	117-81-7	bis(2-Ethylhexyl)phthalate	0.094	0.047	mg/kg	0.02	R4 Birds	5	2
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	117-81-7	bis(2-Ethylhexyl)phthalate	0.093	0.0465	mg/kg	0.02	R4 Birds	5	2
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	117-81-7	bis(2-Ethylhexyl)phthalate	0.093	0.0465	mg/kg	0.02	R4 Birds	5	2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	117-81-7	bis(2-Ethylhexyl)phthalate	0.093	0.0465	mg/kg	0.02	R4 Birds	5	2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	117-81-7	bis(2-Ethylhexyl)phthalate	0.092	0.046	mg/kg	0.02	R4 Birds	5	2
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	117-81-7	bis(2-Ethylhexyl)phthalate	0.092	0.046	mg/kg	0.02	R4 Birds	5	2
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	117-81-7	bis(2-Ethylhexyl)phthalate	0.091	0.0455	mg/kg	0.02	R4 Birds	5	2
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	75-25-2	Bromoform	0.0022	0.0011	mg/kg	0.07	R4 Inverts	0.03	0.02
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	75-25-2	Bromoform	0.0011	0.00055	mg/kg	0.07	R4 Inverts	0.02	0.008
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	75-25-2	Bromoform	0.00098	0.00049	mg/kg	0.07	R4 Inverts	0.01	0.007
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	75-25-2	Bromoform	0.00098	0.00049	mg/kg	0.07	R4 Inverts	0.01	0.007
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	75-25-2	Bromoform	0.00095	0.000475	mg/kg	0.07	R4 Inverts	0.01	0.007
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	75-25-2	Bromoform	0.00094	0.00047	mg/kg	0.07	R4 Inverts	0.01	0.007
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	75-25-2	Bromoform	0.00083	0.000415	mg/kg	0.07	R4 Inverts	0.01	0.006
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	75-25-2	Bromoform	0.00078	0.00039	mg/kg	0.07	R4 Inverts	0.01	0.006
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	74-83-9	Bromomethane	0.0022	0.0011	mg/kg	0.002	R4 Inverts	**1**	0.6
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	74-83-9	Bromomethane	0.0011	0.00055	mg/kg	0.002	R4 Inverts	0.6	0.3
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	74-83-9	Bromomethane	0.00098	0.00049	mg/kg	0.002	R4 Inverts	0.5	0.2
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	74-83-9	Bromomethane	0.00098	0.00049	mg/kg	0.002	R4 Inverts	0.5	0.2
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	74-83-9	Bromomethane	0.00095	0.000475	mg/kg	0.002	R4 Inverts	0.5	0.2
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	74-83-9	Bromomethane	0.00094	0.00047	mg/kg	0.002	R4 Inverts	0.5	0.2
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	74-83-9	Bromomethane	0.00083	0.000415	mg/kg	0.002	R4 Inverts	0.4	0.2
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	74-83-9	Bromomethane	0.00078	0.00039	mg/kg	0.002	R4 Inverts	0.4	0.2
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	85-68-7	Butylbenzylphthalate	0.085	0.0425	mg/kg	0.59	R4 Inverts	0.1	0.07
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	85-68-7	Butylbenzylphthalate	0.083	0.0415	mg/kg	0.59	R4 Inverts	0.1	0.07
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	85-68-7	Butylbenzylphthalate	0.082	0.041	mg/kg	0.59	R4 Inverts	0.1	0.07
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	85-68-7	Butylbenzylphthalate	0.082	0.041	mg/kg	0.59	R4 Inverts	0.1	0.07

TABLE J-2b: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	85-68-7	Butylbenzylphthalate	0.082	0.041	mg/kg	0.59	R4 Inverts	0.1	0.07
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	85-68-7	Butylbenzylphthalate	0.082	0.041	mg/kg	0.59	R4 Inverts	0.1	0.07
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	85-68-7	Butylbenzylphthalate	0.082	0.041	mg/kg	0.59	R4 Inverts	0.1	0.07
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	85-68-7	Butylbenzylphthalate	0.081	0.0405	mg/kg	0.59	R4 Inverts	0.1	0.07
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	5	7440-43-9	Cadmium	0.26	0.13	mg/kg	0.36	Eco-SSL Mammals	0.7	0.4
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	Metals	5	7440-43-9	Cadmium	0.26	0.13	mg/kg	0.36	Eco-SSL Mammals	0.7	0.4
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	Metals	5	7440-43-9	Cadmium	0.26	0.13	mg/kg	0.36	Eco-SSL Mammals	0.7	0.4
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	Metals	5	7440-43-9	Cadmium	0.26	0.13	mg/kg	0.36	Eco-SSL Mammals	0.7	0.4
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	Metals	5	7440-43-9	Cadmium	0.26	0.13	mg/kg	0.36	Eco-SSL Mammals	0.7	0.4
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	Metals	5	7440-43-9	Cadmium	0.25	0.125	mg/kg	0.36	Eco-SSL Mammals	0.7	0.3
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	Metals	5	7440-43-9	Cadmium	0.25	0.125	mg/kg	0.36	Eco-SSL Mammals	0.7	0.3
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	Metals	5	7440-43-9	Cadmium	0.25	0.125	mg/kg	0.36	Eco-SSL Mammals	0.7	0.3
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	56-23-5	Carbon tetrachloride	0.0011	0.00055	mg/kg	0.05	R4 Inverts	0.02	0.01
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	56-23-5	Carbon tetrachloride	0.00054	0.00027	mg/kg	0.05	R4 Inverts	0.01	0.005
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	56-23-5	Carbon tetrachloride	0.00049	0.000245	mg/kg	0.05	R4 Inverts	0.01	0.005
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	56-23-5	Carbon tetrachloride	0.00049	0.000245	mg/kg	0.05	R4 Inverts	0.01	0.005
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	56-23-5	Carbon tetrachloride	0.00047	0.000235	mg/kg	0.05	R4 Inverts	0.009	0.005
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	56-23-5	Carbon tetrachloride	0.00047	0.000235	mg/kg	0.05	R4 Inverts	0.009	0.005
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	56-23-5	Carbon tetrachloride	0.00042	0.00021	mg/kg	0.05	R4 Inverts	0.008	0.004
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	56-23-5	Carbon tetrachloride	0.00039	0.000195	mg/kg	0.05	R4 Inverts	0.008	0.004
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	108-90-7	Chlorobenzene	0.0011	0.00055	mg/kg	2.4	R4 Inverts	0.0005	0.0002
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	108-90-7	Chlorobenzene	0.00054	0.00027	mg/kg	2.4	R4 Inverts	0.0002	0.0001
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	108-90-7	Chlorobenzene	0.00049	0.000245	mg/kg	2.4	R4 Inverts	0.0002	0.0001
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	108-90-7	Chlorobenzene	0.00049	0.000245	mg/kg	2.4	R4 Inverts	0.0002	0.0001
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	108-90-7	Chlorobenzene	0.00047	0.000235	mg/kg	2.4	R4 Inverts	0.0002	0.0001
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	108-90-7	Chlorobenzene	0.00047	0.000235	mg/kg	2.4	R4 Inverts	0.0002	0.0001
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	108-90-7	Chlorobenzene	0.00042	0.00021	mg/kg	2.4	R4 Inverts	0.0002	0.00009
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	108-90-7	Chlorobenzene	0.00039	0.000195	mg/kg	2.4	R4 Inverts	0.0002	0.00008
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	67-66-3	Chloroform	0.0011	0.00055	mg/kg	0.05	R4 Inverts	0.02	0.01
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	67-66-3	Chloroform	0.00054	0.00027	mg/kg	0.05	R4 Inverts	0.01	0.005
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	67-66-3	Chloroform	0.00049	0.000245	mg/kg	0.05	R4 Inverts	0.01	0.005
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	67-66-3	Chloroform	0.00049	0.000245	mg/kg	0.05	R4 Inverts	0.01	0.005
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	67-66-3	Chloroform	0.00047	0.000235	mg/kg	0.05	R4 Inverts	0.009	0.005
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	67-66-3	Chloroform	0.00047	0.000235	mg/kg	0.05	R4 Inverts	0.009	0.005
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	67-66-3	Chloroform	0.00042	0.00021	mg/kg	0.05	R4 Inverts	0.008	0.004
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	67-66-3	Chloroform	0.00039	0.000195	mg/kg	0.05	R4 Inverts	0.008	0.004
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OPPs	1	2921-88-2	Chlorpyrifos	0.0065	0.00325	mg/kg	0.003	R4 Inverts	2	**1**
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OPPs	1	2921-88-2	Chlorpyrifos	0.0064	0.0032	mg/kg	0.003	R4 Inverts	2	**1**
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OPPs	1	2921-88-2	Chlorpyrifos	0.0064	0.0032	mg/kg	0.003	R4 Inverts	2	**1**
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OPPs	1	2921-88-2	Chlorpyrifos	0.0063	0.00315	mg/kg	0.003	R4 Inverts	2	**1**
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OPPs	1	2921-88-2	Chlorpyrifos	0.0062	0.0031	mg/kg	0.003	R4 Inverts	2	**1**
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	156-59-2	cis-1,2-Dichloroethene	0.0011	0.00055	mg/kg	0.04	R4 Inverts	0.03	0.01
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	156-59-2	cis-1,2-Dichloroethene	0.00054	0.00027	mg/kg	0.04	R4 Inverts	0.01	0.007
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	156-59-2	cis-1,2-Dichloroethene	0.00049	0.000245	mg/kg	0.04	R4 Inverts	0.01	0.006
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	156-59-2	cis-1,2-Dichloroethene	0.00049	0.000245	mg/kg	0.04	R4 Inverts	0.01	0.006
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	156-59-2	cis-1,2-Dichloroethene	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	156-59-2	cis-1,2-Dichloroethene	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	156-59-2	cis-1,2-Dichloroethene	0.00042	0.00021	mg/kg	0.04	R4 Inverts	0.01	0.005
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	156-59-2	cis-1,2-Dichloroethene	0.00039	0.000195	mg/kg	0.04	R4 Inverts	0.01	0.005

TABLE J-2b: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	98-82-8	Cumene	0.0011	0.00055	mg/kg	0.04	R4 Inverts	0.03	0.01
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	98-82-8	Cumene	0.00054	0.00027	mg/kg	0.04	R4 Inverts	0.01	0.007
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	98-82-8	Cumene	0.00049	0.000245	mg/kg	0.04	R4 Inverts	0.01	0.006
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	98-82-8	Cumene	0.00049	0.000245	mg/kg	0.04	R4 Inverts	0.01	0.006
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	98-82-8	Cumene	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	98-82-8	Cumene	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	98-82-8	Cumene	0.00042	0.00021	mg/kg	0.04	R4 Inverts	0.01	0.005
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	98-82-8	Cumene	0.00039	0.000195	mg/kg	0.04	R4 Inverts	0.01	0.005
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OPPs	1	333-41-5	Diazinon	0.0075	0.00375	mg/kg	0.0037	R4 Inverts	2	**1**
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	1	333-41-5	Diazinon	0.0074	0.0037	mg/kg	0.0037	R4 Inverts	2	**1**
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OPPs	1	333-41-5	Diazinon	0.0074	0.0037	mg/kg	0.0037	R4 Inverts	2	**1**
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OPPs	1	333-41-5	Diazinon	0.0073	0.00365	mg/kg	0.0037	R4 Inverts	2	**1**
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OPPs	1	333-41-5	Diazinon	0.0072	0.0036	mg/kg	0.0037	R4 Inverts	2	**1**
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OPPs	1	333-41-5	Diazinon	0.0072	0.0036	mg/kg	0.0037	R4 Inverts	2	**1**
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OPPs	1	333-41-5	Diazinon	0.0071	0.00355	mg/kg	0.0037	R4 Inverts	2	**1**
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OPPs	1	333-41-5	Diazinon	0.007	0.0035	mg/kg	0.0037	R4 Inverts	2	0.9
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	132-64-9	Dibenzofuran	0.15	0.075	mg/kg	0.15	R4 Inverts	**1**	0.5
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	132-64-9	Dibenzofuran	0.15	0.075	mg/kg	0.15	R4 Inverts	**1**	0.5
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	132-64-9	Dibenzofuran	0.14	0.07	mg/kg	0.15	R4 Inverts	0.9	0.5
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	132-64-9	Dibenzofuran	0.14	0.07	mg/kg	0.15	R4 Inverts	0.9	0.5
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	132-64-9	Dibenzofuran	0.14	0.07	mg/kg	0.15	R4 Inverts	0.9	0.5
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	132-64-9	Dibenzofuran	0.14	0.07	mg/kg	0.15	R4 Inverts	0.9	0.5
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	132-64-9	Dibenzofuran	0.14	0.07	mg/kg	0.15	R4 Inverts	0.9	0.5
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	132-64-9	Dibenzofuran	0.14	0.07	mg/kg	0.15	R4 Inverts	0.9	0.5
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	60-57-1	Dieldrin	0.0016	0.0008	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	60-57-1	Dieldrin	0.0015	0.00075	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	60-57-1	Dieldrin	0.0015	0.00075	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	60-57-1	Dieldrin	0.0015	0.00075	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	60-57-1	Dieldrin	0.0015	0.00075	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	60-57-1	Dieldrin	0.0015	0.00075	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	60-57-1	Dieldrin	0.0015	0.00075	mg/kg	0.0049	Eco-SSL Mammals	0.3	0.2
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	84-66-2	Diethylphthalate	0.1	0.05	mg/kg	0.25	R4 Inverts	0.4	0.2
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	84-66-2	Diethylphthalate	0.099	0.0495	mg/kg	0.25	R4 Inverts	0.4	0.2
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	84-66-2	Diethylphthalate	0.098	0.049	mg/kg	0.25	R4 Inverts	0.4	0.2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	84-66-2	Diethylphthalate	0.098	0.049	mg/kg	0.25	R4 Inverts	0.4	0.2
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	84-66-2	Diethylphthalate	0.098	0.049	mg/kg	0.25	R4 Inverts	0.4	0.2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	84-66-2	Diethylphthalate	0.098	0.049	mg/kg	0.25	R4 Inverts	0.4	0.2
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	84-66-2	Diethylphthalate	0.097	0.0485	mg/kg	0.25	R4 Inverts	0.4	0.2
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	84-66-2	Diethylphthalate	0.097	0.0485	mg/kg	0.25	R4 Inverts	0.4	0.2
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	131-11-3	Dimethylphthalate	0.071	0.0355	mg/kg	10	R4 Inverts	0.007	0.004
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	131-11-3	Dimethylphthalate	0.07	0.035	mg/kg	10	R4 Inverts	0.007	0.004
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	131-11-3	Dimethylphthalate	0.069	0.0345	mg/kg	10	R4 Inverts	0.007	0.003
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	131-11-3	Dimethylphthalate	0.069	0.0345	mg/kg	10	R4 Inverts	0.007	0.003
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	131-11-3	Dimethylphthalate	0.069	0.0345	mg/kg	10	R4 Inverts	0.007	0.003
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	131-11-3	Dimethylphthalate	0.069	0.0345	mg/kg	10	R4 Inverts	0.007	0.003
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	131-11-3	Dimethylphthalate	0.069	0.0345	mg/kg	10	R4 Inverts	0.007	0.003
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	131-11-3	Dimethylphthalate	0.068	0.034	mg/kg	10	R4 Inverts	0.007	0.003
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	84-74-2	Di-n-butylphthalate	0.096	0.048	mg/kg	0.011	R4 Birds	9	4
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	84-74-2	Di-n-butylphthalate	0.094	0.047	mg/kg	0.011	R4 Birds	9	4
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	84-74-2	Di-n-butylphthalate	0.093	0.0465	mg/kg	0.011	R4 Birds	8	4
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	84-74-2	Di-n-butylphthalate	0.093	0.0465	mg/kg	0.011	R4 Birds	8	4

TABLE J-2b: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	84-74-2	Di-n-butylphthalate	0.093	0.0465	mg/kg	0.011	R4 Birds	8	4
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	84-74-2	Di-n-butylphthalate	0.092	0.046	mg/kg	0.011	R4 Birds	8	4
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	84-74-2	Di-n-butylphthalate	0.092	0.046	mg/kg	0.011	R4 Birds	8	4
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	84-74-2	Di-n-butylphthalate	0.091	0.0455	mg/kg	0.011	R4 Birds	8	4
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	117-84-0	Di-n-octylphthalate	0.096	0.048	mg/kg	0.91	R4 Mammals	0.1	0.05
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	117-84-0	Di-n-octylphthalate	0.094	0.047	mg/kg	0.91	R4 Mammals	0.1	0.05
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	117-84-0	Di-n-octylphthalate	0.093	0.0465	mg/kg	0.91	R4 Mammals	0.1	0.05
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	117-84-0	Di-n-octylphthalate	0.093	0.0465	mg/kg	0.91	R4 Mammals	0.1	0.05
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	117-84-0	Di-n-octylphthalate	0.093	0.0465	mg/kg	0.91	R4 Mammals	0.1	0.05
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	117-84-0	Di-n-octylphthalate	0.092	0.046	mg/kg	0.91	R4 Mammals	0.1	0.05
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	117-84-0	Di-n-octylphthalate	0.092	0.046	mg/kg	0.91	R4 Mammals	0.1	0.05
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	117-84-0	Di-n-octylphthalate	0.091	0.0455	mg/kg	0.91	R4 Mammals	0.1	0.05
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	72-20-8	Endrin	0.0016	0.0008	mg/kg	0.0014	R4 Birds	**1**	0.6
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	72-20-8	Endrin	0.0016	0.0008	mg/kg	0.0014	R4 Birds	**1**	0.6
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	72-20-8	Endrin	0.0015	0.00075	mg/kg	0.0014	R4 Birds	**1**	0.5
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	72-20-8	Endrin	0.0015	0.00075	mg/kg	0.0014	R4 Birds	**1**	0.5
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	72-20-8	Endrin	0.0015	0.00075	mg/kg	0.0014	R4 Birds	**1**	0.5
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	72-20-8	Endrin	0.0015	0.00075	mg/kg	0.0014	R4 Birds	**1**	0.5
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	72-20-8	Endrin	0.0015	0.00075	mg/kg	0.0014	R4 Birds	**1**	0.5
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	72-20-8	Endrin	0.0015	0.00075	mg/kg	0.0014	R4 Birds	**1**	0.5
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	100-41-4	Ethyl benzene	0.0011	0.00055	mg/kg	0.27	R4 Inverts	0.004	0.002
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	100-41-4	Ethyl benzene	0.00054	0.00027	mg/kg	0.27	R4 Inverts	0.002	0.001
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	100-41-4	Ethyl benzene	0.00049	0.000245	mg/kg	0.27	R4 Inverts	0.002	0.0009
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	100-41-4	Ethyl benzene	0.00049	0.000245	mg/kg	0.27	R4 Inverts	0.002	0.0009
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	100-41-4	Ethyl benzene	0.00047	0.000235	mg/kg	0.27	R4 Inverts	0.002	0.0009
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	100-41-4	Ethyl benzene	0.00047	0.000235	mg/kg	0.27	R4 Inverts	0.002	0.0009
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	100-41-4	Ethyl benzene	0.00042	0.00021	mg/kg	0.27	R4 Inverts	0.002	0.0008
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	100-41-4	Ethyl benzene	0.00039	0.000195	mg/kg	0.27	R4 Inverts	0.001	0.0007

TABLE J-2b: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	General Chemistry	1	16984-48-8	Fluoride	3.7	1.85	mg/kg	120	R4 Birds	0.03	0.02
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	General Chemistry	1	16984-48-8	Fluoride	3.6	1.8	mg/kg	120	R4 Birds	0.03	0.02
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	General Chemistry	1	16984-48-8	Fluoride	3.6	1.8	mg/kg	120	R4 Birds	0.03	0.02
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	General Chemistry	1	16984-48-8	Fluoride	3.6	1.8	mg/kg	120	R4 Birds	0.03	0.02
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	General Chemistry	1	16984-48-8	Fluoride	3.6	1.8	mg/kg	120	R4 Birds	0.03	0.02
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	General Chemistry	1	16984-48-8	Fluoride	3.6	1.8	mg/kg	120	R4 Birds	0.03	0.02
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	General Chemistry	1	16984-48-8	Fluoride	3.6	1.8	mg/kg	120	R4 Birds	0.03	0.02
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	General Chemistry	1	16984-48-8	Fluoride	3.5	1.75	mg/kg	120	R4 Birds	0.03	0.01
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	58-89-9	gamma-BHC	0.0016	0.0008	mg/kg	0.0031	R4 Inverts	0.5	0.3
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	58-89-9	gamma-BHC	0.0015	0.00075	mg/kg	0.0031	R4 Inverts	0.5	0.2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	58-89-9	gamma-BHC	0.0015	0.00075	mg/kg	0.0031	R4 Inverts	0.5	0.2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	58-89-9	gamma-BHC	0.0015	0.00075	mg/kg	0.0031	R4 Inverts	0.5	0.2
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	58-89-9	gamma-BHC	0.0015	0.00075	mg/kg	0.0031	R4 Inverts	0.5	0.2
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	58-89-9	gamma-BHC	0.0015	0.00075	mg/kg	0.0031	R4 Inverts	0.5	0.2
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	58-89-9	gamma-BHC	0.0015	0.00075	mg/kg	0.0031	R4 Inverts	0.5	0.2
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	5103-74-2	gamma-Chlordane	0.0016	0.0008	mg/kg	0.02	R4 Inverts	0.08	0.04
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	5103-74-2	gamma-Chlordane	0.0016	0.0008	mg/kg	0.02	R4 Inverts	0.08	0.04
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	5103-74-2	gamma-Chlordane	0.0015	0.00075	mg/kg	0.02	R4 Inverts	0.08	0.04
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	5103-74-2	gamma-Chlordane	0.0015	0.00075	mg/kg	0.02	R4 Inverts	0.08	0.04
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	5103-74-2	gamma-Chlordane	0.0015	0.00075	mg/kg	0.02	R4 Inverts	0.08	0.04
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	5103-74-2	gamma-Chlordane	0.0015	0.00075	mg/kg	0.02	R4 Inverts	0.08	0.04
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	5103-74-2	gamma-Chlordane	0.0015	0.00075	mg/kg	0.02	R4 Inverts	0.08	0.04
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	5103-74-2	gamma-Chlordane	0.0015	0.00075	mg/kg	0.02	R4 Inverts	0.08	0.04
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OPPs	1	86-50-0	Guthion	0.0035	0.00175	mg/kg	0.00006	R4 Inverts	60	30
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OPPs	1	86-50-0	Guthion	0.0035	0.00175	mg/kg	0.00006	R4 Inverts	60	30
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OPPs	1	86-50-0	Guthion	0.0035	0.00175	mg/kg	0.00006	R4 Inverts	60	30
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OPPs	1	86-50-0	Guthion	0.0034	0.0017	mg/kg	0.00006	R4 Inverts	60	30
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OPPs	1	86-50-0	Guthion	0.0034	0.0017	mg/kg	0.00006	R4 Inverts	60	30
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	76-44-8	Heptachlor	0.002	0.001	mg/kg	0.0016	R4 Inverts	**1**	0.6
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	76-44-8	Heptachlor	0.002	0.001	mg/kg	0.0016	R4 Inverts	**1**	0.6
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	1024-57-3	Heptachlor epoxide	0.002	0.001	mg/kg	0.00015	R4 Inverts	10	7
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	1024-57-3	Heptachlor epoxide	0.002	0.001	mg/kg	0.00015	R4 Inverts	10	7
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	118-74-1	Hexachlorobenzene	0.074	0.037	mg/kg	0.079	R4 Birds	0.9	0.5
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	118-74-1	Hexachlorobenzene	0.073	0.0365	mg/kg	0.079	R4 Birds	0.9	0.5
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	118-74-1	Hexachlorobenzene	0.072	0.036	mg/kg	0.079	R4 Birds	0.9	0.5
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	118-74-1	Hexachlorobenzene	0.072	0.036	mg/kg	0.079	R4 Birds	0.9	0.5

TABLE J-2b: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	118-74-1	Hexachlorobenzene	0.072	0.036	mg/kg	0.079	R4 Birds	0.9	0.5
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	118-74-1	Hexachlorobenzene	0.072	0.036	mg/kg	0.079	R4 Birds	0.9	0.5
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	118-74-1	Hexachlorobenzene	0.072	0.036	mg/kg	0.079	R4 Birds	0.9	0.5
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	118-74-1	Hexachlorobenzene	0.071	0.0355	mg/kg	0.079	R4 Birds	0.9	0.4
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	87-68-3	Hexachlorobutadiene	0.0022	0.0011	mg/kg	0.009	R4 Inverts	0.2	0.1
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	87-68-3	Hexachlorobutadiene	0.0011	0.00055	mg/kg	0.009	R4 Inverts	0.1	0.06
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	87-68-3	Hexachlorobutadiene	0.00098	0.00049	mg/kg	0.009	R4 Inverts	0.1	0.05
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	87-68-3	Hexachlorobutadiene	0.00098	0.00049	mg/kg	0.009	R4 Inverts	0.1	0.05
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	87-68-3	Hexachlorobutadiene	0.00095	0.000475	mg/kg	0.009	R4 Inverts	0.1	0.05
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	87-68-3	Hexachlorobutadiene	0.00094	0.00047	mg/kg	0.009	R4 Inverts	0.1	0.05
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	87-68-3	Hexachlorobutadiene	0.00083	0.000415	mg/kg	0.009	R4 Inverts	0.09	0.05
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	87-68-3	Hexachlorobutadiene	0.00078	0.00039	mg/kg	0.009	R4 Inverts	0.09	0.04
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.33	0.165	mg/kg	0.001	R4 Inverts	300	200
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.32	0.16	mg/kg	0.001	R4 Inverts	300	200
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.32	0.16	mg/kg	0.001	R4 Inverts	300	200
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.32	0.16	mg/kg	0.001	R4 Inverts	300	200
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.32	0.16	mg/kg	0.001	R4 Inverts	300	200
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.32	0.16	mg/kg	0.001	R4 Inverts	300	200
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.32	0.16	mg/kg	0.001	R4 Inverts	300	200
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.32	0.16	mg/kg	0.001	R4 Inverts	300	200
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	67-72-1	Hexachloroethane	0.074	0.037	mg/kg	0.024	R4 Inverts	3	2
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	67-72-1	Hexachloroethane	0.073	0.0365	mg/kg	0.024	R4 Inverts	3	2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	67-72-1	Hexachloroethane	0.072	0.036	mg/kg	0.024	R4 Inverts	3	2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	67-72-1	Hexachloroethane	0.072	0.036	mg/kg	0.024	R4 Inverts	3	2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	67-72-1	Hexachloroethane	0.072	0.036	mg/kg	0.024	R4 Inverts	3	2
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	67-72-1	Hexachloroethane	0.072	0.036	mg/kg	0.024	R4 Inverts	3	2
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	67-72-1	Hexachloroethane	0.072	0.036	mg/kg	0.024	R4 Inverts	3	2
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	67-72-1	Hexachloroethane	0.072	0.036	mg/kg	0.024	R4 Inverts	3	2
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	67-72-1	Hexachloroethane	0.071	0.0355	mg/kg	0.024	R4 Inverts	3	**1**
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	179601-23-1	m,p-Xylene	0.0022	0.0011	mg/kg	0.1	R4 Xylenes (total) as surrogate	0.02	0.01
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	179601-23-1	m,p-Xylene	0.0011	0.00055	mg/kg	0.1	R4 Xylenes (total) as surrogate	0.01	0.006
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	179601-23-1	m,p-Xylene	0.00098	0.00049	mg/kg	0.1	R4 Xylenes (total) as surrogate	0.01	0.005
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	179601-23-1	m,p-Xylene	0.00098	0.00049	mg/kg	0.1	R4 Xylenes (total) as surrogate	0.01	0.005
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	179601-23-1	m,p-Xylene	0.00095	0.000475	mg/kg	0.1	R4 Xylenes (total) as surrogate	0.01	0.005
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	179601-23-1	m,p-Xylene	0.00094	0.00047	mg/kg	0.1	R4 Xylenes (total) as surrogate	0.009	0.005
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	179601-23-1	m,p-Xylene	0.00083	0.000415	mg/kg	0.1	R4 Xylenes (total) as surrogate	0.008	0.004
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	179601-23-1	m,p-Xylene	0.00078	0.00039	mg/kg	0.1	R4 Xylenes (total) as surrogate	0.008	0.004
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OPPs	1	121-75-5	Malathion	0.0047	0.00235	mg/kg	0.00004	R4 Inverts	100	60
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OPPs	1	121-75-5	Malathion	0.0047	0.00235	mg/kg	0.00004	R4 Inverts	100	60
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OPPs	1	121-75-5	Malathion	0.0046	0.0023	mg/kg	0.00004	R4 Inverts	100	60
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OPPs	1	121-75-5	Malathion	0.0046	0.0023	mg/kg	0.00004	R4 Inverts	100	60
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OPPs	1	121-75-5	Malathion	0.0045	0.00225	mg/kg	0.00004	R4 Inverts	100	60
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OPPs	1	121-75-5	Malathion	0.0045	0.00225	mg/kg	0.00004	R4 Inverts	100	60
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	72-43-5	Methoxychlor	0.0016	0.0008	mg/kg	0.0021	R4 Inverts	0.8	0.4
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	72-43-5	Methoxychlor	0.0016	0.0008	mg/kg	0.0021	R4 Inverts	0.8	0.4
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	72-43-5	Methoxychlor	0.0015	0.00075	mg/kg	0.0021	R4 Inverts	0.7	0.4
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	72-43-5	Methoxychlor	0.0015	0.00075	mg/kg	0.0021	R4 Inverts	0.7	0.4
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	72-43-5	Methoxychlor	0.0015	0.00075	mg/kg	0.0021	R4 Inverts	0.7	0.4
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	72-43-5	Methoxychlor	0.0015	0.00075	mg/kg	0.0021	R4 Inverts	0.7	0.4
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	72-43-5	Methoxychlor	0.0015	0.00075	mg/kg	0.0021	R4 Inverts	0.7	0.4
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	72-43-5	Methoxychlor	0.0015	0.00075	mg/kg	0.0021	R4 Inverts	0.7	0.4

TABLE J-2b: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	75-09-2	Methylene Chloride	0.011	0.0055	mg/kg	0.21	R4 Inverts	0.05	0.03
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	75-09-2	Methylene Chloride	0.0054	0.0027	mg/kg	0.21	R4 Inverts	0.03	0.01
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	75-09-2	Methylene Chloride	0.0049	0.00245	mg/kg	0.21	R4 Inverts	0.02	0.01
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	75-09-2	Methylene Chloride	0.0049	0.00245	mg/kg	0.21	R4 Inverts	0.02	0.01
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	75-09-2	Methylene Chloride	0.0047	0.00235	mg/kg	0.21	R4 Inverts	0.02	0.01
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	75-09-2	Methylene Chloride	0.0047	0.00235	mg/kg	0.21	R4 Inverts	0.02	0.01
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	75-09-2	Methylene Chloride	0.0042	0.0021	mg/kg	0.21	R4 Inverts	0.02	0.01
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	75-09-2	Methylene Chloride	0.0039	0.00195	mg/kg	0.21	R4 Inverts	0.02	0.009
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	Metals	5	7439-98-7	Molybdenum	1	0.5	mg/kg	2	R4 Plants	0.5	0.3
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	5	7439-98-7	Molybdenum	1	0.5	mg/kg	2	R4 Plants	0.5	0.3
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	Metals	5	7439-98-7	Molybdenum	1	0.5	mg/kg	2	R4 Plants	0.5	0.3
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	Metals	5	7439-98-7	Molybdenum	1	0.5	mg/kg	2	R4 Plants	0.5	0.3
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	Metals	5	7439-98-7	Molybdenum	1	0.5	mg/kg	2	R4 Plants	0.5	0.3
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	Metals	5	7439-98-7	Molybdenum	1	0.5	mg/kg	2	R4 Plants	0.5	0.3
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	Metals	5	7439-98-7	Molybdenum	1	0.5	mg/kg	2	R4 Plants	0.5	0.3
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	Metals	5	7439-98-7	Molybdenum	1	0.5	mg/kg	2	R4 Plants	0.5	0.3
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	104-51-8	n-Butylbenzene	0.0022	0.0011	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0002	0.0001
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	104-51-8	n-Butylbenzene	0.0011	0.00055	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00006
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	104-51-8	n-Butylbenzene	0.00098	0.00049	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	104-51-8	n-Butylbenzene	0.00098	0.00049	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	104-51-8	n-Butylbenzene	0.00095	0.000475	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00005
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	104-51-8	n-Butylbenzene	0.00094	0.00047	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00009	0.00005
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	104-51-8	n-Butylbenzene	0.00083	0.000415	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00008	0.00004
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	104-51-8	n-Butylbenzene	0.00078	0.00039	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00008	0.00004
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	98-95-3	Nitrobenzene	0.074	0.037	mg/kg	2.2	R4 Inverts	0.03	0.02
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	98-95-3	Nitrobenzene	0.073	0.0365	mg/kg	2.2	R4 Inverts	0.03	0.02
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	98-95-3	Nitrobenzene	0.072	0.036	mg/kg	2.2	R4 Inverts	0.03	0.02
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	98-95-3	Nitrobenzene	0.072	0.036	mg/kg	2.2	R4 Inverts	0.03	0.02
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	98-95-3	Nitrobenzene	0.072	0.036	mg/kg	2.2	R4 Inverts	0.03	0.02
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	98-95-3	Nitrobenzene	0.072	0.036	mg/kg	2.2	R4 Inverts	0.03	0.02
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	98-95-3	Nitrobenzene	0.072	0.036	mg/kg	2.2	R4 Inverts	0.03	0.02
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	98-95-3	Nitrobenzene	0.071	0.0355	mg/kg	2.2	R4 Inverts	0.03	0.02
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.17	0.085	mg/kg	0.545	R4 Mammals	0.3	0.2
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.17	0.085	mg/kg	0.545	R4 Mammals	0.3	0.2
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.16	0.08	mg/kg	0.545	R4 Mammals	0.3	0.1
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.16	0.08	mg/kg	0.545	R4 Mammals	0.3	0.1
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.16	0.08	mg/kg	0.545	R4 Mammals	0.3	0.1
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.16	0.08	mg/kg	0.545	R4 Mammals	0.3	0.1
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.16	0.08	mg/kg	0.545	R4 Mammals	0.3	0.1
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	86-30-6	n-Nitrosodiphenylamine	0.16	0.08	mg/kg	0.545	R4 Mammals	0.3	0.1
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	103-65-1	n-Propylbenzene	0.0011	0.00055	mg/kg	10	R4 Dimethylphthalate as surrogate	0.0001	0.00006
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	103-65-1	n-Propylbenzene	0.00054	0.00027	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00003
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	103-65-1	n-Propylbenzene	0.00049	0.000245	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	103-65-1	n-Propylbenzene	0.00049	0.000245	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	103-65-1	n-Propylbenzene	0.00047	0.000235	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	103-65-1	n-Propylbenzene	0.00047	0.000235	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00005	0.00002
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	103-65-1	n-Propylbenzene	0.00042	0.00021	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	103-65-1	n-Propylbenzene	0.00039	0.000195	mg/kg	10	R4 Dimethylphthalate as surrogate	0.00004	0.00002
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	95-47-6	o-Xylene	0.0011	0.00055	mg/kg	0.1	R4 Xylenes (total) as surrogate	0.01	0.006
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	95-47-6	o-Xylene	0.00054	0.00027	mg/kg	0.1	R4 Xylenes (total) as surrogate	0.005	0.003
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	95-47-6	o-Xylene	0.00049	0.000245	mg/kg	0.1	R4 Xylenes (total) as surrogate	0.005	0.002
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	95-47-6	o-Xylene	0.00049	0.000245	mg/kg	0.1	R4 Xylenes (total) as surrogate	0.005	0.002

TABLE J-2b: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	95-47-6	o-Xylene	0.00047	0.000235	mg/kg	0.1	R4 Xylenes (total) as surrogate	0.005	0.002
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	95-47-6	o-Xylene	0.00047	0.000235	mg/kg	0.1	R4 Xylenes (total) as surrogate	0.005	0.002
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	95-47-6	o-Xylene	0.00042	0.00021	mg/kg	0.1	R4 Xylenes (total) as surrogate	0.004	0.002
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	95-47-6	o-Xylene	0.00039	0.000195	mg/kg	0.1	R4 Xylenes (total) as surrogate	0.004	0.002
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OPPs	1	56-38-2	Parathion	0.0053	0.00265	mg/kg	0.00019	R4 Inverts	30	10
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OPPs	1	56-38-2	Parathion	0.0053	0.00265	mg/kg	0.00019	R4 Inverts	30	10
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OPPs	1	56-38-2	Parathion	0.0053	0.00265	mg/kg	0.00019	R4 Inverts	30	10
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OPPs	1	56-38-2	Parathion	0.0052	0.0026	mg/kg	0.00019	R4 Inverts	30	10
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OPPs	1	56-38-2	Parathion	0.0051	0.00255	mg/kg	0.00019	R4 Inverts	30	10
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	99-87-6	p-Cymene	0.0011	0.00055	mg/kg	0.18	R4 Inverts	0.006	0.003
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	99-87-6	p-Cymene	0.00054	0.00027	mg/kg	0.18	R4 Inverts	0.003	0.002
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	99-87-6	p-Cymene	0.00049	0.000245	mg/kg	0.18	R4 Inverts	0.003	0.001
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	99-87-6	p-Cymene	0.00049	0.000245	mg/kg	0.18	R4 Inverts	0.003	0.001
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	99-87-6	p-Cymene	0.00047	0.000235	mg/kg	0.18	R4 Inverts	0.003	0.001
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	99-87-6	p-Cymene	0.00047	0.000235	mg/kg	0.18	R4 Inverts	0.003	0.001
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	99-87-6	p-Cymene	0.00042	0.00021	mg/kg	0.18	R4 Inverts	0.002	0.001
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	99-87-6	p-Cymene	0.00039	0.000195	mg/kg	0.18	R4 Inverts	0.002	0.001
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	87-86-5	Pentachlorophenol	0.36	0.18	mg/kg	2.1	Eco-SSL Birds	0.2	0.09
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	87-86-5	Pentachlorophenol	0.35	0.175	mg/kg	2.1	Eco-SSL Birds	0.2	0.08
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	108-95-2	Phenol	0.096	0.048	mg/kg	0.79	R4 Plants	0.1	0.06
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	108-95-2	Phenol	0.094	0.047	mg/kg	0.79	R4 Plants	0.1	0.06
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	108-95-2	Phenol	0.093	0.0465	mg/kg	0.79	R4 Plants	0.1	0.06
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	108-95-2	Phenol	0.093	0.0465	mg/kg	0.79	R4 Plants	0.1	0.06
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	108-95-2	Phenol	0.093	0.0465	mg/kg	0.79	R4 Plants	0.1	0.06
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	108-95-2	Phenol	0.092	0.046	mg/kg	0.79	R4 Plants	0.1	0.06
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	108-95-2	Phenol	0.092	0.046	mg/kg	0.79	R4 Plants	0.1	0.06
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	108-95-2	Phenol	0.091	0.0455	mg/kg	0.79	R4 Plants	0.1	0.06
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	PAHs	1	HMWPAHs(0.5L)	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.0215	0.0215	mg/kg	1.1	Eco-SSL Mammals	0.02	0.02
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	PAHs	1	HMWPAHs(0.5L)	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.0205	0.0205	mg/kg	1.1	Eco-SSL Mammals	0.02	0.02
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	PAHs	1	HMWPAHs(0.5L)	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.0205	0.0205	mg/kg	1.1	Eco-SSL Mammals	0.02	0.02
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	PAHs	1	HMWPAHs(0.5L)	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.0205	0.0205	mg/kg	1.1	Eco-SSL Mammals	0.02	0.02
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	PAHs	1	HMWPAHs(0.5L)	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.0205	0.0205	mg/kg	1.1	Eco-SSL Mammals	0.02	0.02
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	PAHs	1	HMWPAHs(0.5L)	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.0205	0.0205	mg/kg	1.1	Eco-SSL Mammals	0.02	0.02
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	PAHs	1	HMWPAHs(0.5L)	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.0205	0.0205	mg/kg	1.1	Eco-SSL Mammals	0.02	0.02
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	PAHs	1	HMWPAHs(0.5L)	Ramboll Calculated HMW PAHs (ND=0.5DL)	0.02	0.02	mg/kg	1.1	Eco-SSL Mammals	0.02	0.02
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	Metals	5	7440-22-4	Silver	0.93	0.465	mg/kg	4.2	Eco-SSL Birds	0.2	0.1
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	Metals	5	7440-22-4	Silver	0.92	0.46	mg/kg	4.2	Eco-SSL Birds	0.2	0.1
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	5	7440-22-4	Silver	0.92	0.46	mg/kg	4.2	Eco-SSL Birds	0.2	0.1
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	Metals	5	7440-22-4	Silver	0.92	0.46	mg/kg	4.2	Eco-SSL Birds	0.2	0.1
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	Metals	5	7440-22-4	Silver	0.91	0.455	mg/kg	4.2	Eco-SSL Birds	0.2	0.1
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	Metals	5	7440-22-4	Silver	0.91	0.455	mg/kg	4.2	Eco-SSL Birds	0.2	0.1
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	Metals	5	7440-22-4	Silver	0.91	0.455	mg/kg	4.2	Eco-SSL Birds	0.2	0.1
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	Metals	5	7440-22-4	Silver	0.89	0.445	mg/kg	4.2	Eco-SSL Birds	0.2	0.1

TABLE J-2b: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OPPs	1	122-34-9	Simazine	0.021	0.0105	mg/kg	0.0083	R4 Inverts	3	**1**
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	100-42-5	Styrene	0.0011	0.00055	mg/kg	1.2	R4 Inverts	0.0009	0.0005
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	100-42-5	Styrene	0.00054	0.00027	mg/kg	1.2	R4 Inverts	0.0005	0.0002
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	100-42-5	Styrene	0.00049	0.000245	mg/kg	1.2	R4 Inverts	0.0004	0.0002
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	100-42-5	Styrene	0.00049	0.000245	mg/kg	1.2	R4 Inverts	0.0004	0.0002
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	100-42-5	Styrene	0.00047	0.000235	mg/kg	1.2	R4 Inverts	0.0004	0.0002
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	100-42-5	Styrene	0.00047	0.000235	mg/kg	1.2	R4 Inverts	0.0004	0.0002
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	100-42-5	Styrene	0.00042	0.00021	mg/kg	1.2	R4 Inverts	0.0004	0.0002
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	100-42-5	Styrene	0.00039	0.000195	mg/kg	1.2	R4 Inverts	0.0003	0.0002
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	127-18-4	Tetrachloroethene	0.0011	0.00055	mg/kg	0.06	R4 Inverts	0.02	0.009
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	127-18-4	Tetrachloroethene	0.00054	0.00027	mg/kg	0.06	R4 Inverts	0.009	0.005
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	127-18-4	Tetrachloroethene	0.00049	0.000245	mg/kg	0.06	R4 Inverts	0.008	0.004
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	127-18-4	Tetrachloroethene	0.00049	0.000245	mg/kg	0.06	R4 Inverts	0.008	0.004
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	127-18-4	Tetrachloroethene	0.00047	0.000235	mg/kg	0.06	R4 Inverts	0.008	0.004
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	127-18-4	Tetrachloroethene	0.00047	0.000235	mg/kg	0.06	R4 Inverts	0.008	0.004
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	127-18-4	Tetrachloroethene	0.00042	0.00021	mg/kg	0.06	R4 Inverts	0.007	0.004
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	127-18-4	Tetrachloroethene	0.00039	0.000195	mg/kg	0.06	R4 Inverts	0.007	0.003
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	20	7440-28-0	Thallium	0.26	0.13	mg/kg	0.05	R4 Plants	5	3
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	Metals	20	7440-28-0	Thallium	0.26	0.13	mg/kg	0.05	R4 Plants	5	3
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	Metals	20	7440-28-0	Thallium	0.26	0.13	mg/kg	0.05	R4 Plants	5	3
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	Metals	20	7440-28-0	Thallium	0.26	0.13	mg/kg	0.05	R4 Plants	5	3
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	Metals	20	7440-28-0	Thallium	0.26	0.13	mg/kg	0.05	R4 Plants	5	3
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	Metals	20	7440-28-0	Thallium	0.25	0.125	mg/kg	0.05	R4 Plants	5	3
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	Metals	20	7440-28-0	Thallium	0.25	0.125	mg/kg	0.05	R4 Plants	5	3
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	Metals	20	7440-28-0	Thallium	0.25	0.125	mg/kg	0.05	R4 Plants	5	3
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	TPH	1	TPH-diesel	Total petroleum hydrocarbon-diesel	2.7	1.35	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.03	0.02
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	TPH	1	TPH-diesel	Total petroleum hydrocarbon-diesel	2.6	1.3	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.03	0.02
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	TPH	1	TPH-diesel	Total petroleum hydrocarbon-diesel	2.6	1.3	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.03	0.02
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	TPH	1	TPH-diesel	Total petroleum hydrocarbon-diesel	2.6	1.3	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.03	0.02
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	TPH	1	TPH-diesel	Total petroleum hydrocarbon-diesel	2.6	1.3	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.03	0.02
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	TPH	1	TPH-diesel	Total petroleum hydrocarbon-diesel	2.6	1.3	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.03	0.02
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	TPH	1	TPH-diesel	Total petroleum hydrocarbon-diesel	2.6	1.3	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.03	0.02
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	TPH	1	TPH-diesel	Total petroleum hydrocarbon-diesel	2.5	1.25	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.03	0.02
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.16	0.08	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.001
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	TPH	1	TPH-gasoline	Total petroleum hydrocarbon-gasoline	0.15	0.075	mg/kg	81.2	LANL Min NOAEL TRV (TPH surrogate)	0.002	0.0009
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	8001-35-2	Toxaphene	0.053	0.0265	mg/kg	0.00015	R4 Inverts	400	200
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200

TABLE J-2b: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.0011	0.00055	mg/kg	0.04	R4 Inverts	0.03	0.01
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00054	0.00027	mg/kg	0.04	R4 Inverts	0.01	0.007
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00049	0.000245	mg/kg	0.04	R4 Inverts	0.01	0.006
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00049	0.000245	mg/kg	0.04	R4 Inverts	0.01	0.006
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00047	0.000235	mg/kg	0.04	R4 Inverts	0.01	0.006
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00042	0.00021	mg/kg	0.04	R4 Inverts	0.01	0.005
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	156-60-5	trans-1,2-Dichloroethene	0.00039	0.000195	mg/kg	0.04	R4 Inverts	0.01	0.005
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	79-01-6	Trichloroethene	0.0011	0.00055	mg/kg	0.06	R4 Inverts	0.02	0.009
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	79-01-6	Trichloroethene	0.00054	0.00027	mg/kg	0.06	R4 Inverts	0.009	0.005
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	79-01-6	Trichloroethene	0.00049	0.000245	mg/kg	0.06	R4 Inverts	0.008	0.004
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	79-01-6	Trichloroethene	0.00049	0.000245	mg/kg	0.06	R4 Inverts	0.008	0.004
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	79-01-6	Trichloroethene	0.00047	0.000235	mg/kg	0.06	R4 Inverts	0.008	0.004
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	79-01-6	Trichloroethene	0.00047	0.000235	mg/kg	0.06	R4 Inverts	0.008	0.004
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	79-01-6	Trichloroethene	0.00042	0.00021	mg/kg	0.06	R4 Inverts	0.007	0.004
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	79-01-6	Trichloroethene	0.00039	0.000195	mg/kg	0.06	R4 Inverts	0.007	0.003
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	75-69-4	Trichlorofluoromethane	0.0022	0.0011	mg/kg	16.4	R4 Mammals	0.0001	0.00007
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	75-69-4	Trichlorofluoromethane	0.0011	0.00055	mg/kg	16.4	R4 Mammals	0.00007	0.00003
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	75-69-4	Trichlorofluoromethane	0.00098	0.00049	mg/kg	16.4	R4 Mammals	0.00006	0.00003
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	75-69-4	Trichlorofluoromethane	0.00098	0.00049	mg/kg	16.4	R4 Mammals	0.00006	0.00003
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	75-69-4	Trichlorofluoromethane	0.00095	0.000475	mg/kg	16.4	R4 Mammals	0.00006	0.00003
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	75-69-4	Trichlorofluoromethane	0.00094	0.00047	mg/kg	16.4	R4 Mammals	0.00006	0.00003
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	75-69-4	Trichlorofluoromethane	0.00083	0.000415	mg/kg	16.4	R4 Mammals	0.00005	0.00003
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	75-69-4	Trichlorofluoromethane	0.00078	0.00039	mg/kg	16.4	R4 Mammals	0.00005	0.00002
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	5	7440-33-7	Tungsten	2.6	1.3	mg/kg	400	ORNL Microbes	0.007	0.003
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	Metals	5	7440-33-7	Tungsten	2.6	1.3	mg/kg	400	ORNL Microbes	0.007	0.003
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	Metals	5	7440-33-7	Tungsten	2.6	1.3	mg/kg	400	ORNL Microbes	0.007	0.003
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	Metals	5	7440-33-7	Tungsten	2.6	1.3	mg/kg	400	ORNL Microbes	0.007	0.003
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	Metals	5	7440-33-7	Tungsten	2.6	1.3	mg/kg	400	ORNL Microbes	0.007	0.003
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	Metals	5	7440-33-7	Tungsten	2.5	1.25	mg/kg	400	ORNL Microbes	0.006	0.003
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	Metals	5	7440-33-7	Tungsten	2.5	1.25	mg/kg	400	ORNL Microbes	0.006	0.003
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	Metals	5	7440-33-7	Tungsten	2.5	1.25	mg/kg	400	ORNL Microbes	0.006	0.003
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	75-01-4	Vinyl chloride	0.0022	0.0011	mg/kg	0.03	R4 Inverts	0.07	0.04
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	VOCs	1	75-01-4	Vinyl chloride	0.0011	0.00055	mg/kg	0.03	R4 Inverts	0.04	0.02
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	VOCs	1	75-01-4	Vinyl chloride	0.00098	0.00049	mg/kg	0.03	R4 Inverts	0.03	0.02
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	VOCs	1	75-01-4	Vinyl chloride	0.00098	0.00049	mg/kg	0.03	R4 Inverts	0.03	0.02
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	VOCs	1	75-01-4	Vinyl chloride	0.00095	0.000475	mg/kg	0.03	R4 Inverts	0.03	0.02
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	VOCs	1	75-01-4	Vinyl chloride	0.00094	0.00047	mg/kg	0.03	R4 Inverts	0.03	0.02
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	VOCs	1	75-01-4	Vinyl chloride	0.00083	0.000415	mg/kg	0.03	R4 Inverts	0.03	0.01
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	VOCs	1	75-01-4	Vinyl chloride	0.00078	0.00039	mg/kg	0.03	R4 Inverts	0.03	0.01

TABLE J-2b: Location-Specific Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

DU = Ecological Decision Unit
Eco-SSL = Ecological soil screening level (USEPA 2007)
ESV = Ecological screening value
LANL = Los Alamos National Laboratory (LANL 2018)
mg/kg = Milligram per kilogram
ORNL = Oak Ridge National Laboratory
R4 = USEPA Region 4 (USEPA R4 2018)
SQL or 1/2 SQL = Sample quantitation limit or one-half sample quantitation limit
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1000	100 < HQ

LANL 2020: N3B (Newport News Nuclear BWXT-Los Alamos, LLC), November 2020. "ECORISK Database (Release 4.2)," on CD, Newport News Nuclear BWXT-Los Alamos, LLC, document EM2020-0575, Los Alamos, New Mexico.

USEPA 2007: USEPA. 2007. Ecological Soil Screening Levels. http://www.epa.gov/oswer/riskassessment/ecorisk/ecossl.htm.

USEPA 2018: USEPA Region 4. 2018. "Region 4 Ecological Risk Assessment Supplemental Guidance". March.

ORNL ESVs are from Efroymson, R.A. , M.E. Will, and G.W. Suter II. 1997b. Toxicological Benchmarks for Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision. Oak Ridge National Laboratory, Oak Ridge, TN. ES/ER/TM-126/R2. (Available at http://www.esd.ornl.gov/programs/ecorisk/documents/tm126r21.pdf)

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	8/16/2010	OCPs	1	8001-35-2	Toxaphene	0.017	0.0085	mg/kg	0.00015	R4 Inverts	100	60
DU-1	BDT-4-N-10	BDT-4-N-10-10BPC	8/16/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00046	0.00023	mg/kg	0.00015	R4 Inverts	3	2
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	8/16/2010	OCPs	1	8001-35-2	Toxaphene	0.017	0.0085	mg/kg	0.00015	R4 Inverts	100	60
DU-1	BDT-4-N-10	BDT-4-N-10-12BPC	8/16/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00045	0.000225	mg/kg	0.00015	R4 Inverts	3	2
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	8/16/2010	OCPs	1	8001-35-2	Toxaphene	0.016	0.008	mg/kg	0.00015	R4 Inverts	100	50
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC	8/16/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00044	0.00022	mg/kg	0.00015	R4 Inverts	3	**1**
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	8/16/2010	OCPs	1	8001-35-2	Toxaphene	0.016	0.008	mg/kg	0.00015	R4 Inverts	100	50
DU-1	BDT-4-N-15	BDT-4-N-15-2BPC_FD	8/16/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00042	0.00021	mg/kg	0.00015	R4 Inverts	3	**1**
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	8/16/2010	OCPs	1	8001-35-2	Toxaphene	0.017	0.0085	mg/kg	0.00015	R4 Inverts	100	60
DU-1	BDT-4-N-15	BDT-4-N-15-4BPC	8/16/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00046	0.00023	mg/kg	0.00015	R4 Inverts	3	2
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	8/17/2010	OCPs	1	8001-35-2	Toxaphene	0.017	0.0085	mg/kg	0.00015	R4 Inverts	100	60
DU-1	BDT-4-N-20	BDT-4-N-20-4.0BPC	8/17/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00045	0.000225	mg/kg	0.00015	R4 Inverts	3	2
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	8/13/2010	OCPs	1	8001-35-2	Toxaphene	0.015	0.0075	mg/kg	0.00015	R4 Inverts	100	50
DU-1	BDT-4-S-15	BDT-4-S-15-2BPC	8/13/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00041	0.000205	mg/kg	0.00015	R4 Inverts	3	**1**
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	8/13/2010	OCPs	1	8001-35-2	Toxaphene	0.016	0.008	mg/kg	0.00015	R4 Inverts	100	50
DU-1	BDT-4-S-20	BDT-4-S-20-2BPC	8/13/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00044	0.00022	mg/kg	0.00015	R4 Inverts	3	**1**
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	OCPs	20	8001-35-2	Toxaphene	0.33	0.165	mg/kg	0.00015	R4 Inverts	2000	1000
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	OCPs	20	1024-57-3	Heptachlor epoxide	0.009	0.0045	mg/kg	0.00015	R4 Inverts	60	30
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	OCPs	20	1031-07-8	Endosulfan sulfate	0.0058	0.0029	mg/kg	0.0007	R4 Inverts	8	4
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	OCPs	20	959-98-8	Endosulfan I	0.0037	0.00185	mg/kg	0.0009	R4 Inverts	4	2
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	OCPs	20	58-89-9	gamma-BHC	0.0098	0.0049	mg/kg	0.0031	R4 Inverts	3	2
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	OCPs	20	76-44-8	Heptachlor	0.0045	0.00225	mg/kg	0.0016	R4 Inverts	3	**1**
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	OCPs	20	7421-93-4	Endrin aldehyde	0.0036	0.0018	mg/kg	0.0014	R4 endrin used as surrogate	3	**1**
DU-1	CS-C10B-1	CS-C10B-1	7/28/2011	OCPs	20	5103-71-9	alpha-Chlordane	0.0068	0.0034	mg/kg	0.0029	R4 Inverts	2	**1**
DU-1	CS-E14C-1	CS-E14C-1	6/2/2011	OCPs	1	8001-35-2	Toxaphene	0.017	0.0085	mg/kg	0.00015	R4 Inverts	100	60
DU-1	CS-E14C-1	CS-E14C-1	6/2/2011	OCPs	1	1024-57-3	Heptachlor epoxide	0.00045	0.000225	mg/kg	0.00015	R4 Inverts	3	2
DU-1	DS-D27-1	DS-D27-1	4/14/2011	OCPs	1	8001-35-2	Toxaphene	0.016	0.008	mg/kg	0.00015	R4 Inverts	100	50
DU-1	DS-D27-1	DS-D27-1	4/14/2011	OCPs	1	1024-57-3	Heptachlor epoxide	0.00042	0.00021	mg/kg	0.00015	R4 Inverts	3	**1**
DU-1	EE-E14C-1	EE-E14C-1	6/2/2011	OCPs	1	8001-35-2	Toxaphene	0.017	0.0085	mg/kg	0.00015	R4 Inverts	100	60
DU-1	EE-E14C-1	EE-E14C-1	6/2/2011	OCPs	1	1024-57-3	Heptachlor epoxide	0.00046	0.00023	mg/kg	0.00015	R4 Inverts	3	2
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	107-21-1	Ethylene glycol	42	21	mg/kg	0.31	R4 Inverts	100	70
DU-1	M-116	M116-0.5_03/12/2006	3/12/2006	VOCs	--	74-83-9	Bromomethane	0.0098	0.0049	mg/kg	0.002	R4 Inverts	5	2
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OPPs	1	121-75-5	Malathion	0.0045	0.00225	mg/kg	0.00004	R4 Inverts	100	60
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OPPs	1	86-50-0	Guthion	0.0034	0.0017	mg/kg	0.00006	R4 Inverts	60	30
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OPPs	1	56-38-2	Parathion	0.0051	0.00255	mg/kg	0.00019	R4 Inverts	30	10
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.002	0.001	mg/kg	0.00015	R4 Inverts	10	7
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.068	0.034	mg/kg	0.02	R4 Inverts	3	2
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OPPs	1	122-34-9	Simazine	0.021	0.0105	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0062	0.0031	mg/kg	0.003	R4 Inverts	2	**1**

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OPPs	1	333-41-5	Diazinon	0.007	0.0035	mg/kg	0.0037	R4 Inverts	2	0.9
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.068	0.034	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OCPs	1	76-44-8	Heptachlor	0.002	0.001	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	M-161D	M-161D-0.5-20141203	12/3/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OPPs	1	121-75-5	Malathion	0.0046	0.0023	mg/kg	0.00004	R4 Inverts	100	60
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OPPs	1	86-50-0	Guthion	0.0035	0.00175	mg/kg	0.00006	R4 Inverts	60	30
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OPPs	1	56-38-2	Parathion	0.0052	0.0026	mg/kg	0.00019	R4 Inverts	30	10
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.069	0.0345	mg/kg	0.02	R4 Inverts	3	2
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0064	0.0032	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OPPs	1	333-41-5	Diazinon	0.0072	0.0036	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	M-162D	M-162D-0.5-20141209	12/9/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	OCPs	1	8001-35-2	Toxaphene	0.05	0.025	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.13	0.065	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	65-85-0	Benzoic acid	0.34	0.17	mg/kg	0.01	R4 Inverts	30	20
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	OCPs	1	1024-57-3	Heptachlor epoxide	0.002	0.001	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	67-72-1	Hexachloroethane	0.13	0.065	mg/kg	0.024	R4 Inverts	5	3
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.33	0.165	mg/kg	0.061	R4 Mammals	5	3
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	88-74-4	2-Nitroaniline	0.067	0.0335	mg/kg	0.02	R4 Inverts	3	2
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.067	0.0335	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	OCPs	1	76-44-8	Heptachlor	0.002	0.001	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	RIDB-1	RIDB-1-0.5-20170308	3/8/2017	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	OCPs	1	8001-35-2	Toxaphene	0.054	0.027	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.31	0.155	mg/kg	0.001	R4 Inverts	300	200
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	100-51-6	Benzyl alcohol	0.35	0.175	mg/kg	0.002	R4 Inverts	200	90
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	65-85-0	Benzoic acid	0.79	0.395	mg/kg	0.01	R4 Inverts	80	40
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	67-72-1	Hexachloroethane	0.31	0.155	mg/kg	0.024	R4 Inverts	10	6
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.77	0.385	mg/kg	0.061	R4 Mammals	10	6

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.35	0.175	mg/kg	0.03	R4 Inverts	10	6
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	88-74-4	2-Nitroaniline	0.16	0.08	mg/kg	0.02	R4 Inverts	8	4
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.3	0.15	mg/kg	0.04	R4 Inverts	8	4
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.16	0.08	mg/kg	0.05	R4 Inverts	3	2
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	SVOCs	1	95-48-7	2-Methylphenol	0.19	0.095	mg/kg	0.1	R4 Inverts	2	**1**
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIDB-2	RIDB-2-0.5-20170309	3/9/2017	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	65-85-0	Benzoic acid	0.36	0.18	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.35	0.175	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	88-74-4	2-Nitroaniline	0.07	0.035	mg/kg	0.02	R4 Inverts	4	2
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.07	0.035	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIDB-3	RIDB-3-0.5-20170310	3/10/2017	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	OCPs	1	8001-35-2	Toxaphene	0.054	0.027	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	65-85-0	Benzoic acid	0.37	0.185	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	OCPs	1	1024-57-3	Heptachlor epoxide	0.0022	0.0011	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.36	0.18	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	88-74-4	2-Nitroaniline	0.072	0.036	mg/kg	0.02	R4 Inverts	4	2
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	OCPs	1	1031-07-8	Endosulfan sulfate	0.0022	0.0011	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.072	0.036	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	OCPs	1	76-44-8	Heptachlor	0.0022	0.0011	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIDB-4	RIDB-4-0.5-20170306	3/6/2017	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	OCPs	1	8001-35-2	Toxaphene	0.054	0.027	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	65-85-0	Benzoic acid	0.37	0.185	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	OCPs	1	1024-57-3	Heptachlor epoxide	0.0022	0.0011	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.36	0.18	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	88-74-4	2-Nitroaniline	0.073	0.0365	mg/kg	0.02	R4 Inverts	4	2
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	OCPs	1	1031-07-8	Endosulfan sulfate	0.0022	0.0011	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.073	0.0365	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	OCPs	1	76-44-8	Heptachlor	0.0022	0.0011	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIDB-5	RIDB-5-0.5-20170311	3/11/2017	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	OCPs	1	8001-35-2	Toxaphene	0.056	0.028	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.31	0.155	mg/kg	0.001	R4 Inverts	300	200
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	100-51-6	Benzyl alcohol	0.35	0.175	mg/kg	0.002	R4 Inverts	200	90
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	65-85-0	Benzoic acid	0.79	0.395	mg/kg	0.01	R4 Inverts	80	40
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	OCPs	1	1024-57-3	Heptachlor epoxide	0.0022	0.0011	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	67-72-1	Hexachloroethane	0.31	0.155	mg/kg	0.024	R4 Inverts	10	6
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.77	0.385	mg/kg	0.061	R4 Mammals	10	6
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.35	0.175	mg/kg	0.03	R4 Inverts	10	6
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	88-74-4	2-Nitroaniline	0.16	0.08	mg/kg	0.02	R4 Inverts	8	4
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.3	0.15	mg/kg	0.04	R4 Inverts	8	4
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.16	0.08	mg/kg	0.05	R4 Inverts	3	2
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	OCPs	1	1031-07-8	Endosulfan sulfate	0.0022	0.0011	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	SVOCs	1	95-48-7	2-Methylphenol	0.19	0.095	mg/kg	0.1	R4 Inverts	2	**1**
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	OCPs	1	959-98-8	Endosulfan I	0.0017	0.00085	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	OCPs	1	76-44-8	Heptachlor	0.0022	0.0011	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIDB-6	RIDB-6-0.5-20170225	2/25/2017	OCPs	1	7421-93-4	Endrin aldehyde	0.0017	0.00085	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	OCPs	1	8001-35-2	Toxaphene	0.054	0.027	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	65-85-0	Benzoic acid	0.37	0.185	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	OCPs	1	1024-57-3	Heptachlor epoxide	0.0022	0.0011	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.36	0.18	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	88-74-4	2-Nitroaniline	0.073	0.0365	mg/kg	0.02	R4 Inverts	4	2
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	OCPs	1	1031-07-8	Endosulfan sulfate	0.0022	0.0011	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.073	0.0365	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	OCPs	1	76-44-8	Heptachlor	0.0022	0.0011	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIDB-7	RIDB-7-0.5-20170312	3/12/2017	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	OCPs	1	8001-35-2	Toxaphene	0.054	0.027	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	65-85-0	Benzoic acid	0.37	0.185	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	OCPs	1	1024-57-3	Heptachlor epoxide	0.0022	0.0011	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.36	0.18	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	88-74-4	2-Nitroaniline	0.072	0.036	mg/kg	0.02	R4 Inverts	4	2
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	OCPs	1	1031-07-8	Endosulfan sulfate	0.0022	0.0011	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.072	0.036	mg/kg	0.05	R4 Inverts	**1**	0.7

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	OCPs	1	76-44-8	Heptachlor	0.0022	0.0011	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIDB-7	RIDB-7-0.5-20170312-FD	3/12/2017	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.13	0.065	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OPPs	1	121-75-5	Malathion	0.0046	0.0023	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OPPs	1	86-50-0	Guthion	0.0035	0.00175	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	65-85-0	Benzoic acid	0.34	0.17	mg/kg	0.01	R4 Inverts	30	20
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OPPs	1	56-38-2	Parathion	0.0052	0.0026	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	67-72-1	Hexachloroethane	0.13	0.065	mg/kg	0.024	R4 Inverts	5	3
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.33	0.165	mg/kg	0.061	R4 Mammals	5	3
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.068	0.034	mg/kg	0.02	R4 Inverts	3	2
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0064	0.0032	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OPPs	1	333-41-5	Diazinon	0.0072	0.0036	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.068	0.034	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RISB-09	RISB-09-0.5-20141211	12/11/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.13	0.065	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OPPs	1	121-75-5	Malathion	0.0045	0.00225	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OPPs	1	86-50-0	Guthion	0.0034	0.0017	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	65-85-0	Benzoic acid	0.34	0.17	mg/kg	0.01	R4 Inverts	30	20
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OPPs	1	56-38-2	Parathion	0.0051	0.00255	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.002	0.001	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	67-72-1	Hexachloroethane	0.13	0.065	mg/kg	0.024	R4 Inverts	5	3
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.33	0.165	mg/kg	0.061	R4 Mammals	5	3
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.067	0.0335	mg/kg	0.02	R4 Inverts	3	2
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OPPs	1	122-34-9	Simazine	0.021	0.0105	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0063	0.00315	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OPPs	1	333-41-5	Diazinon	0.0071	0.00355	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.067	0.0335	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OCPs	1	76-44-8	Heptachlor	0.002	0.001	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	RISB-10	RISB-10-0.5-20141215	12/15/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OCPs	1	8001-35-2	Toxaphene	0.16	0.08	mg/kg	0.00015	R4 Inverts	1000	500
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OPPs	1	1912-24-9	Atrazine	0.013	0.0065	mg/kg	0.00005	R4 Inverts	300	100
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0063	0.00315	mg/kg	0.00015	R4 Inverts	40	20
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	65-85-0	Benzoic acid	0.36	0.18	mg/kg	0.01	R4 Inverts	40	20
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OPPs	1	56-38-2	Parathion	0.0055	0.00275	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0063	0.00315	mg/kg	0.0007	R4 Inverts	9	5
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.35	0.175	mg/kg	0.061	R4 Mammals	6	3
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OCPs	1	959-98-8	Endosulfan I	0.0047	0.00235	mg/kg	0.0009	R4 Inverts	5	3
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OCPs	1	76-44-8	Heptachlor	0.0063	0.00315	mg/kg	0.0016	R4 Inverts	4	2
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.07	0.035	mg/kg	0.02	R4 Inverts	4	2
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0047	0.00235	mg/kg	0.0014	R4 endrin used as surrogate	3	2
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0067	0.00335	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0063	0.00315	mg/kg	0.0029	R4 Inverts	2	**1**
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OPPs	1	333-41-5	Diazinon	0.0075	0.00375	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OCPs	1	58-89-9	gamma-BHC	0.0047	0.00235	mg/kg	0.0031	R4 Inverts	2	0.8
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.07	0.035	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-11	RISB-11-0.5-20141217	12/17/2014	OCPs	1	60-57-1	Dieldrin	0.0047	0.00235	mg/kg	0.0049	Eco-SSL Mammals	**1**	0.5
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OPPs	1	1912-24-9	Atrazine	0.013	0.0065	mg/kg	0.00005	R4 Inverts	300	100
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OPPs	1	56-38-2	Parathion	0.0055	0.00275	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.069	0.0345	mg/kg	0.02	R4 Inverts	3	2
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0067	0.00335	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OPPs	1	333-41-5	Diazinon	0.0075	0.00375	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RISB-12	RISB-12-0.5-20141215	12/15/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OCPs	1	8001-35-2	Toxaphene	0.053	0.0265	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OPPs	1	1912-24-9	Atrazine	0.013	0.0065	mg/kg	0.00005	R4 Inverts	300	100
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	65-85-0	Benzoic acid	0.36	0.18	mg/kg	0.01	R4 Inverts	40	20
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OPPs	1	56-38-2	Parathion	0.0055	0.00275	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.35	0.175	mg/kg	0.061	R4 Mammals	6	3
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.071	0.0355	mg/kg	0.02	R4 Inverts	4	2
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0067	0.00335	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OPPs	1	333-41-5	Diazinon	0.0075	0.00375	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.071	0.0355	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RISB-13	RISB-13-0.5-20141217	12/17/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OPPs	1	121-75-5	Malathion	0.0047	0.00235	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.07	0.035	mg/kg	0.02	R4 Inverts	4	2
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OPPs	1	333-41-5	Diazinon	0.0074	0.0037	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.07	0.035	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RISB-14	RISB-14-0.5-20141216	12/16/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.069	0.0345	mg/kg	0.02	R4 Inverts	3	2
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RISB-39	RISB-39-0.5-20141121	11/21/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.069	0.0345	mg/kg	0.02	R4 Inverts	3	2
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RISB-40	RISB-40-0.5-20141121	11/21/2014	VOCs	1	74-83-9	Bromomethane	0.0019	0.00095	mg/kg	0.002	R4 Inverts	**1**	0.5
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.07	0.035	mg/kg	0.02	R4 Inverts	4	2
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.07	0.035	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RISB-41	RISB-41-0.5-20141121	11/21/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.07	0.035	mg/kg	0.02	R4 Inverts	4	2
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.07	0.035	mg/kg	0.05	R4 Inverts	**1**	0.7

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RISB-41	RISB-41-0.5-20141121-FD	11/21/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.13	0.065	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	65-85-0	Benzoic acid	0.34	0.17	mg/kg	0.01	R4 Inverts	30	20
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	67-72-1	Hexachloroethane	0.13	0.065	mg/kg	0.024	R4 Inverts	5	3
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.33	0.165	mg/kg	0.061	R4 Mammals	5	3
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.068	0.034	mg/kg	0.02	R4 Inverts	3	2
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.068	0.034	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RISB-47	RISB-47-0.5-20141120	11/20/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.002	0.001	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.069	0.0345	mg/kg	0.02	R4 Inverts	3	2
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	OCPs	1	76-44-8	Heptachlor	0.002	0.001	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	RISB-48	RISB-48-0.5-20141120	11/20/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	OPPs	1	121-75-5	Malathion	0.0047	0.00235	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	OPPs	1	86-50-0	Guthion	0.0035	0.00175	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	65-85-0	Benzoic acid	0.37	0.185	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.36	0.18	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.072	0.036	mg/kg	0.02	R4 Inverts	4	2
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0065	0.00325	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	OPPs	1	333-41-5	Diazinon	0.0074	0.0037	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-1-01	RIT-1-01-20141111	11/11/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.072	0.036	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.069	0.0345	mg/kg	0.02	R4 Inverts	3	2
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	OPPs	1	333-41-5	Diazinon	0.0074	0.0037	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-1-02	RIT-1-02-20141111	11/11/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OCPs	5	8001-35-2	Toxaphene	0.26	0.13	mg/kg	0.00015	R4 Inverts	2000	900
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	77-47-4	Hexachlorocyclopentadiene	0.28	0.14	mg/kg	0.001	R4 Inverts	300	100
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OPPs	1	1912-24-9	Atrazine	0.013	0.0065	mg/kg	0.00005	R4 Inverts	300	100
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	100-51-6	Benzyl alcohol	0.31	0.155	mg/kg	0.002	R4 Inverts	200	80
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	65-85-0	Benzoic acid	0.71	0.355	mg/kg	0.01	R4 Inverts	70	40
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OCPs	5	1024-57-3	Heptachlor epoxide	0.01	0.005	mg/kg	0.00015	R4 Inverts	70	30
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OPPs	1	56-38-2	Parathion	0.0055	0.00275	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OCPs	5	1031-07-8	Endosulfan sulfate	0.01	0.005	mg/kg	0.0007	R4 Inverts	10	7
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	67-72-1	Hexachloroethane	0.28	0.14	mg/kg	0.024	R4 Inverts	10	6
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	51-28-5	2,4-Dinitrophenol	0.69	0.345	mg/kg	0.061	R4 Mammals	10	6
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	91-94-1	3,3'-Dichlorobenzidine	0.31	0.155	mg/kg	0.03	R4 Inverts	10	5
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OCPs	5	959-98-8	Endosulfan I	0.0078	0.0039	mg/kg	0.0009	R4 Inverts	9	4
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	88-74-4	2-Nitroaniline	0.14	0.07	mg/kg	0.02	R4 Inverts	7	4
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	105-67-9	2,4-Dimethylphenol	0.27	0.135	mg/kg	0.04	R4 Inverts	7	3
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OCPs	5	76-44-8	Heptachlor	0.01	0.005	mg/kg	0.0016	R4 Inverts	6	3
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OCPs	5	7421-93-4	Endrin aldehyde	0.0078	0.0039	mg/kg	0.0014	R4 endrin used as surrogate	6	3
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OCPs	5	5103-71-9	alpha-Chlordane	0.01	0.005	mg/kg	0.0029	R4 Inverts	3	2
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	120-83-2	2,4-Dichlorophenol	0.14	0.07	mg/kg	0.05	R4 Inverts	3	**1**
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OCPs	5	58-89-9	gamma-BHC	0.0078	0.0039	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0067	0.00335	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OPPs	1	333-41-5	Diazinon	0.0075	0.00375	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	SVOCs	2	95-48-7	2-Methylphenol	0.17	0.085	mg/kg	0.1	R4 Inverts	2	0.9
DU-1	RIT-1-03	RIT-1-03-20141112	11/12/2014	OCPs	5	60-57-1	Dieldrin	0.0078	0.0039	mg/kg	0.0049	Eco-SSL Mammals	2	0.8
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OPPs	1	121-75-5	Malathion	0.0046	0.0023	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OPPs	1	86-50-0	Guthion	0.0034	0.0017	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OPPs	1	56-38-2	Parathion	0.0052	0.0026	mg/kg	0.00019	R4 Inverts	30	10

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.069	0.0345	mg/kg	0.02	R4 Inverts	3	2
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0064	0.0032	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OPPs	1	333-41-5	Diazinon	0.0072	0.0036	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIT-1-04	RIT-1-04-20141112	11/12/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OCPs	1	8001-35-2	Toxaphene	0.05	0.025	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.29	0.145	mg/kg	0.001	R4 Inverts	300	100
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.32	0.16	mg/kg	0.002	R4 Inverts	200	80
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OPPs	1	121-75-5	Malathion	0.0044	0.0022	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	65-85-0	Benzoic acid	0.73	0.365	mg/kg	0.01	R4 Inverts	70	40
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OPPs	1	86-50-0	Guthion	0.0033	0.00165	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OPPs	1	56-38-2	Parathion	0.005	0.0025	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.002	0.001	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	67-72-1	Hexachloroethane	0.29	0.145	mg/kg	0.024	R4 Inverts	10	6
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.71	0.355	mg/kg	0.061	R4 Mammals	10	6
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.32	0.16	mg/kg	0.03	R4 Inverts	10	5
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.28	0.14	mg/kg	0.04	R4 Inverts	7	4
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.14	0.07	mg/kg	0.02	R4 Inverts	7	4
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.14	0.07	mg/kg	0.05	R4 Inverts	3	**1**
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OPPs	1	122-34-9	Simazine	0.021	0.0105	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0061	0.00305	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OPPs	1	333-41-5	Diazinon	0.0069	0.00345	mg/kg	0.0037	R4 Inverts	2	0.9
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	SVOCs	1	95-48-7	2-Methylphenol	0.17	0.085	mg/kg	0.1	R4 Inverts	2	0.9
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OCPs	1	76-44-8	Heptachlor	0.002	0.001	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	RIT-1-05	RIT-1-05-20141112	11/12/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OCPs	1	8001-35-2	Toxaphene	0.055	0.0275	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	77-47-4	Hexachlorocyclopentadiene	0.29	0.145	mg/kg	0.001	R4 Inverts	300	100
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OPPs	1	1912-24-9	Atrazine	0.013	0.0065	mg/kg	0.00005	R4 Inverts	300	100
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	100-51-6	Benzyl alcohol	0.33	0.165	mg/kg	0.002	R4 Inverts	200	80
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OPPs	1	121-75-5	Malathion	0.005	0.0025	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	65-85-0	Benzoic acid	0.74	0.37	mg/kg	0.01	R4 Inverts	70	40
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OPPs	1	86-50-0	Guthion	0.0038	0.0019	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OPPs	1	56-38-2	Parathion	0.0057	0.00285	mg/kg	0.00019	R4 Inverts	30	20
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0022	0.0011	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	67-72-1	Hexachloroethane	0.29	0.145	mg/kg	0.024	R4 Inverts	10	6
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	51-28-5	2,4-Dinitrophenol	0.72	0.36	mg/kg	0.061	R4 Mammals	10	6
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	91-94-1	3,3'-Dichlorobenzidine	0.33	0.165	mg/kg	0.03	R4 Inverts	10	6

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	88-74-4	2-Nitroaniline	0.15	0.075	mg/kg	0.02	R4 Inverts	8	4
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	105-67-9	2,4-Dimethylphenol	0.28	0.14	mg/kg	0.04	R4 Inverts	7	4
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0022	0.0011	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	120-83-2	2,4-Dichlorophenol	0.15	0.075	mg/kg	0.05	R4 Inverts	3	2
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OPPs	1	122-34-9	Simazine	0.024	0.012	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.007	0.0035	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OPPs	1	333-41-5	Diazinon	0.0078	0.0039	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	SVOCs	2	95-48-7	2-Methylphenol	0.18	0.09	mg/kg	0.1	R4 Inverts	2	0.9
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OCPs	1	76-44-8	Heptachlor	0.0022	0.0011	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIT-2-01	RIT-2-01-20141112	11/12/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OPPs	1	121-75-5	Malathion	0.0047	0.00235	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	65-85-0	Benzoic acid	0.36	0.18	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.35	0.175	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.07	0.035	mg/kg	0.02	R4 Inverts	4	2
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OPPs	1	333-41-5	Diazinon	0.0074	0.0037	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.07	0.035	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIT-2-02	RIT-2-02-20141112	11/12/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.13	0.065	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	65-85-0	Benzoic acid	0.34	0.17	mg/kg	0.01	R4 Inverts	30	20
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.002	0.001	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	67-72-1	Hexachloroethane	0.13	0.065	mg/kg	0.024	R4 Inverts	5	3
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.33	0.165	mg/kg	0.061	R4 Mammals	5	3
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.068	0.034	mg/kg	0.02	R4 Inverts	3	2
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OPPs	1	333-41-5	Diazinon	0.0074	0.0037	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.068	0.034	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OCPs	1	76-44-8	Heptachlor	0.002	0.001	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	RIT-2-03	RIT-2-03-20141112	11/12/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OPPs	1	121-75-5	Malathion	0.0047	0.00235	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OPPs	1	86-50-0	Guthion	0.0035	0.00175	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OPPs	1	56-38-2	Parathion	0.0053	0.00265	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.002	0.001	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.068	0.034	mg/kg	0.02	R4 Inverts	3	2
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0065	0.00325	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OPPs	1	333-41-5	Diazinon	0.0073	0.00365	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.068	0.034	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OCPs	1	76-44-8	Heptachlor	0.002	0.001	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	RIT-2-03	RIT-2-03-20141112-FD	11/12/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OPPs	1	1912-24-9	Atrazine	0.013	0.0065	mg/kg	0.00005	R4 Inverts	300	100
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OPPs	1	56-38-2	Parathion	0.0055	0.00275	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.068	0.034	mg/kg	0.02	R4 Inverts	3	2
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0067	0.00335	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OPPs	1	333-41-5	Diazinon	0.0075	0.00375	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.068	0.034	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-2-04	RIT-2-04-20141113	11/13/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OCPs	1	8001-35-2	Toxaphene	0.11	0.055	mg/kg	0.00015	R4 Inverts	700	400
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	SVOCs	4	77-47-4	Hexachlorocyclopentadiene	0.53	0.265	mg/kg	0.001	R4 Inverts	500	300
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	SVOCs	4	100-51-6	Benzyl alcohol	0.6	0.3	mg/kg	0.002	R4 Inverts	300	200
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OPPs	1	121-75-5	Malathion	0.0045	0.00225	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OPPs	1	86-50-0	Guthion	0.0034	0.0017	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0044	0.0022	mg/kg	0.00015	R4 Inverts	30	10
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OPPs	1	56-38-2	Parathion	0.0052	0.0026	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	SVOCs	4	67-72-1	Hexachloroethane	0.53	0.265	mg/kg	0.024	R4 Inverts	20	10
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	SVOCs	4	91-94-1	3,3'-Dichlorobenzidine	0.6	0.3	mg/kg	0.03	R4 Inverts	20	10
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	SVOCs	4	88-74-4	2-Nitroaniline	0.27	0.135	mg/kg	0.02	R4 Inverts	10	7
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0044	0.0022	mg/kg	0.0007	R4 Inverts	6	3
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OCPs	1	959-98-8	Endosulfan I	0.0033	0.00165	mg/kg	0.0009	R4 Inverts	4	2
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OCPs	1	76-44-8	Heptachlor	0.0044	0.0022	mg/kg	0.0016	R4 Inverts	3	**1**
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0033	0.00165	mg/kg	0.0014	R4 endrin used as surrogate	2	**1**
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0063	0.00315	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OPPs	1	333-41-5	Diazinon	0.0071	0.00355	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OCPs	1	5103-71-9	alpha-Chlordane	0.0044	0.0022	mg/kg	0.0029	R4 Inverts	2	0.8
DU-1	RIT-2-05	RIT-2-05-20141113	11/13/2014	OCPs	1	58-89-9	gamma-BHC	0.0033	0.00165	mg/kg	0.0031	R4 Inverts	**1**	0.5
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OCPs	1	8001-35-2	Toxaphene	0.054	0.027	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OPPs	1	1912-24-9	Atrazine	0.013	0.0065	mg/kg	0.00005	R4 Inverts	300	100
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.16	0.08	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	65-85-0	Benzoic acid	0.36	0.18	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OPPs	1	56-38-2	Parathion	0.0055	0.00275	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0022	0.0011	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.35	0.175	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.072	0.036	mg/kg	0.02	R4 Inverts	4	2
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0022	0.0011	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0067	0.00335	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OPPs	1	333-41-5	Diazinon	0.0076	0.0038	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.072	0.036	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OCPs	1	76-44-8	Heptachlor	0.0022	0.0011	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIT-3-01	RIT-3-01-20141113	11/13/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OPPs	1	121-75-5	Malathion	0.0047	0.00235	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.068	0.034	mg/kg	0.02	R4 Inverts	3	2
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OPPs	1	333-41-5	Diazinon	0.0074	0.0037	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.068	0.034	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIT-3-02	RIT-3-02-20141113	11/13/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	77-47-4	Hexachlorocyclopentadiene	4.1	2.05	mg/kg	0.001	R4 Inverts	4000	2000
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	100-51-6	Benzyl alcohol	4.6	2.3	mg/kg	0.002	R4 Inverts	2000	1000
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	65-85-0	Benzoic acid	10	5	mg/kg	0.01	R4 Inverts	1000	500
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	67-72-1	Hexachloroethane	4.1	2.05	mg/kg	0.024	R4 Inverts	200	90
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	51-28-5	2,4-Dinitrophenol	10	5	mg/kg	0.061	R4 Mammals	200	80
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	91-94-1	3,3'-Dichlorobenzidine	4.6	2.3	mg/kg	0.03	R4 Inverts	200	80
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OPPs	1	121-75-5	Malathion	0.0046	0.0023	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	88-74-4	2-Nitroaniline	2.1	1.05	mg/kg	0.02	R4 Inverts	100	50
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	105-67-9	2,4-Dimethylphenol	4	2	mg/kg	0.04	R4 Inverts	100	50
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OPPs	1	86-50-0	Guthion	0.0035	0.00175	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	120-83-2	2,4-Dichlorophenol	2.1	1.05	mg/kg	0.05	R4 Inverts	40	20
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OPPs	1	56-38-2	Parathion	0.0053	0.00265	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	95-48-7	2-Methylphenol	2.5	1.25	mg/kg	0.1	R4 Inverts	30	10
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	87-86-5	Pentachlorophenol	10	5	mg/kg	2.1	Eco-SSL Birds	5	2
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	86-30-6	n-Nitrosodiphenylamine	2.5	1.25	mg/kg	0.545	R4 Mammals	5	2
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	106-47-8	4-Chloroaniline	4.1	2.05	mg/kg	1	R4 Plants	4	2
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0065	0.00325	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OPPs	1	333-41-5	Diazinon	0.0073	0.00365	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	95-95-4	2,4,5-Trichlorophenol	4	2	mg/kg	4	R4 Plants	**1**	0.5
DU-1	RIT-3-03	RIT-3-03-20141113	11/13/2014	SVOCs	2	98-95-3	Nitrobenzene	2.2	1.1	mg/kg	2.2	R4 Inverts	**1**	0.5
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	77-47-4	Hexachlorocyclopentadiene	1.6	0.8	mg/kg	0.001	R4 Inverts	2000	800
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	100-51-6	Benzyl alcohol	1.9	0.95	mg/kg	0.002	R4 Inverts	1000	500
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	65-85-0	Benzoic acid	4.2	2.1	mg/kg	0.01	R4 Inverts	400	200
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OCPs	1	8001-35-2	Toxaphene	0.053	0.0265	mg/kg	0.00015	R4 Inverts	400	200
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OPPs	1	121-75-5	Malathion	0.0045	0.00225	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	51-28-5	2,4-Dinitrophenol	4.1	2.05	mg/kg	0.061	R4 Mammals	70	30
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	67-72-1	Hexachloroethane	1.6	0.8	mg/kg	0.024	R4 Inverts	70	30
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	91-94-1	3,3'-Dichlorobenzidine	1.9	0.95	mg/kg	0.03	R4 Inverts	60	30
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OPPs	1	86-50-0	Guthion	0.0034	0.0017	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	88-74-4	2-Nitroaniline	0.83	0.415	mg/kg	0.02	R4 Inverts	40	20
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	105-67-9	2,4-Dimethylphenol	1.6	0.8	mg/kg	0.04	R4 Inverts	40	20
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OPPs	1	56-38-2	Parathion	0.0051	0.00255	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	120-83-2	2,4-Dichlorophenol	0.83	0.415	mg/kg	0.05	R4 Inverts	20	8
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	95-48-7	2-Methylphenol	0.99	0.495	mg/kg	0.1	R4 Inverts	10	5
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OPPs	1	122-34-9	Simazine	0.021	0.0105	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0062	0.0031	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	87-86-5	Pentachlorophenol	4.2	2.1	mg/kg	2.1	Eco-SSL Birds	2	**1**
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OPPs	1	333-41-5	Diazinon	0.007	0.0035	mg/kg	0.0037	R4 Inverts	2	0.9
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	86-30-6	n-Nitrosodiphenylamine	0.99	0.495	mg/kg	0.545	R4 Mammals	2	0.9
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	SVOCs	2	106-47-8	4-Chloroaniline	1.6	0.8	mg/kg	1	R4 Plants	2	0.8
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIT-3-03	RIT-3-03-20141113-FD	11/13/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.14	0.07	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OPPs	1	121-75-5	Malathion	0.0047	0.00235	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	65-85-0	Benzoic acid	0.35	0.175	mg/kg	0.01	R4 Inverts	40	20
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	67-72-1	Hexachloroethane	0.14	0.07	mg/kg	0.024	R4 Inverts	6	3
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.068	0.034	mg/kg	0.02	R4 Inverts	3	2
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OPPs	1	333-41-5	Diazinon	0.0074	0.0037	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.068	0.034	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
DU-1	RIT-3-04	RIT-3-04-20141113	11/13/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OCPs	1	8001-35-2	Toxaphene	0.05	0.025	mg/kg	0.00015	R4 Inverts	300	200
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.13	0.065	mg/kg	0.001	R4 Inverts	100	70
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OPPs	1	121-75-5	Malathion	0.0044	0.0022	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	100-51-6	Benzyl alcohol	0.15	0.075	mg/kg	0.002	R4 Inverts	80	40
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OPPs	1	86-50-0	Guthion	0.0033	0.00165	mg/kg	0.00006	R4 Inverts	60	30

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	65-85-0	Benzoic acid	0.34	0.17	mg/kg	0.01	R4 Inverts	30	20
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OPPs	1	56-38-2	Parathion	0.0051	0.00255	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OCPs	1	1024-57-3	Heptachlor epoxide	0.002	0.001	mg/kg	0.00015	R4 Inverts	10	7
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	67-72-1	Hexachloroethane	0.13	0.065	mg/kg	0.024	R4 Inverts	5	3
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.33	0.165	mg/kg	0.061	R4 Mammals	5	3
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	88-74-4	2-Nitroaniline	0.066	0.033	mg/kg	0.02	R4 Inverts	3	2
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OPPs	1	122-34-9	Simazine	0.021	0.0105	mg/kg	0.0083	R4 Inverts	3	**1**
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OPPs	1	2921-88-2	Chlorpyrifos	0.0062	0.0031	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OPPs	1	333-41-5	Diazinon	0.0069	0.00345	mg/kg	0.0037	R4 Inverts	2	0.9
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.066	0.033	mg/kg	0.05	R4 Inverts	**1**	0.7
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OCPs	1	76-44-8	Heptachlor	0.002	0.001	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	RIT-3-05	RIT-3-05-20141113	11/13/2014	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.5
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00087	0.000435	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	General Chemist	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	OCPs	1	57-74-9	Chlordane (total)	0.0044	0.0022	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAI4	RSAI4-0.5B	7/24/2009	OCPs	1	959-98-8	Endosulfan I	0.00087	0.000435	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00089	0.000445	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	OCPs	1	57-74-9	Chlordane (total)	0.0045	0.00225	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAI5	RSAI5-0.5B	7/24/2009	OCPs	1	959-98-8	Endosulfan I	0.00089	0.000445	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	OCPs	1	8001-35-2	Toxaphene	0.0097	0.00485	mg/kg	0.00015	R4 Inverts	60	30
DU-1	RSAI7	RSAI7-0.5B	7/11/2008	General Chemist	1	57-12-5	Cyanide (total)	0.218	0.109	mg/kg	0.098	R4 Birds	2	**1**
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	8001-35-2	Toxaphene	0.19	0.095	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0094	0.0047	mg/kg	0.00015	R4 Inverts	60	30
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.019	0.0095	mg/kg	0.0007	R4 Inverts	30	10
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	57-74-9	Chlordane (total)	0.047	0.0235	mg/kg	0.0029	R4 alpha-chlordane used as sur	20	8
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.019	0.0095	mg/kg	0.0014	R4 endrin used as surrogate	10	7
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	959-98-8	Endosulfan I	0.0094	0.0047	mg/kg	0.0009	R4 Inverts	10	5
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	76-44-8	Heptachlor	0.0094	0.0047	mg/kg	0.0016	R4 Inverts	6	3
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	General Chemist	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	60-57-1	Dieldrin	0.019	0.0095	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0094	0.0047	mg/kg	0.0029	R4 Inverts	3	2
DU-1	RSAJ5	RSAJ5-0.5B	6/2/2009	OCPs	10	58-89-9	gamma-BHC	0.0094	0.0047	mg/kg	0.0031	R4 Inverts	3	2
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0087	0.00435	mg/kg	0.00015	R4 Inverts	60	30
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	57-74-9	Chlordane (total)	0.043	0.0215	mg/kg	0.0029	R4 alpha-chlordane used as sur	10	7
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	959-98-8	Endosulfan I	0.0087	0.00435	mg/kg	0.0009	R4 Inverts	10	5

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	76-44-8	Heptachlor	0.0087	0.00435	mg/kg	0.0016	R4 Inverts	5	3
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0087	0.00435	mg/kg	0.0029	R4 Inverts	3	2
DU-1	RSAK4	RSAK4-0.5B	6/11/2009	OCPs	10	58-89-9	gamma-BHC	0.0087	0.00435	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	8001-35-2	Toxaphene	0.86	0.43	mg/kg	0.00015	R4 Inverts	6000	3000
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	1024-57-3	Heptachlor epoxide	0.044	0.022	mg/kg	0.00015	R4 Inverts	300	100
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	1031-07-8	Endosulfan sulfate	0.086	0.043	mg/kg	0.0007	R4 Inverts	100	60
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	57-74-9	Chlordane (total)	0.22	0.11	mg/kg	0.0029	R4 alpha-chlordane used as sur	80	40
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	7421-93-4	Endrin aldehyde	0.086	0.043	mg/kg	0.0014	R4 endrin used as surrogate	60	30
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	959-98-8	Endosulfan I	0.044	0.022	mg/kg	0.0009	R4 Inverts	50	20
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	76-44-8	Heptachlor	0.044	0.022	mg/kg	0.0016	R4 Inverts	30	10
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	60-57-1	Dieldrin	0.086	0.043	mg/kg	0.0049	Eco-SSL Mammals	20	9
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	5103-71-9	alpha-Chlordane	0.044	0.022	mg/kg	0.0029	R4 Inverts	20	8
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	58-89-9	gamma-BHC	0.044	0.022	mg/kg	0.0031	R4 Inverts	10	7
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAK4	RSAK4009-0.5B	6/11/2009	OCPs	50	309-00-2	Aldrin	0.044	0.022	mg/kg	0.03	R4 Inverts	**1**	0.7
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00088	0.00044	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	OCPs	1	57-74-9	Chlordane (total)	0.0044	0.0022	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAK6	RSAK6-0.5B	6/5/2009	OCPs	1	959-98-8	Endosulfan I	0.00088	0.00044	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	OCPs	2	8001-35-2	Toxaphene	0.035	0.0175	mg/kg	0.00015	R4 Inverts	200	100
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	OCPs	2	1024-57-3	Heptachlor epoxide	0.0018	0.0009	mg/kg	0.00015	R4 Inverts	10	6
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	OCPs	2	1031-07-8	Endosulfan sulfate	0.0036	0.0018	mg/kg	0.0007	R4 Inverts	5	3
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	General Chemist	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	OCPs	2	57-74-9	Chlordane (total)	0.0088	0.0044	mg/kg	0.0029	R4 alpha-chlordane used as sur	3	2
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	OCPs	2	7421-93-4	Endrin aldehyde	0.0036	0.0018	mg/kg	0.0014	R4 endrin used as surrogate	3	**1**
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	OCPs	2	959-98-8	Endosulfan I	0.0018	0.0009	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	RSAL4	RSAL4-0.5B	7/7/2009	OCPs	2	76-44-8	Heptachlor	0.0018	0.0009	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0089	0.00445	mg/kg	0.00015	R4 Inverts	60	30
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	57-74-9	Chlordane (total)	0.044	0.022	mg/kg	0.0029	R4 alpha-chlordane used as sur	20	8
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	959-98-8	Endosulfan I	0.0089	0.00445	mg/kg	0.0009	R4 Inverts	10	5
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	76-44-8	Heptachlor	0.0089	0.00445	mg/kg	0.0016	R4 Inverts	6	3
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0089	0.00445	mg/kg	0.0029	R4 Inverts	3	2
DU-1	RSAL4	RSAL4009-0.5B	7/7/2009	OCPs	10	58-89-9	gamma-BHC	0.0089	0.00445	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0091	0.00455	mg/kg	0.00015	R4 Inverts	60	30
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	57-74-9	Chlordane (total)	0.045	0.0225	mg/kg	0.0029	R4 alpha-chlordane used as sur	20	8
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	959-98-8	Endosulfan I	0.0091	0.00455	mg/kg	0.0009	R4 Inverts	10	5
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	76-44-8	Heptachlor	0.0091	0.00455	mg/kg	0.0016	R4 Inverts	6	3

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0091	0.00455	mg/kg	0.0029	R4 Inverts	3	2
DU-1	RSAL5	RSAL5-0.5B	7/15/2009	OCPs	10	58-89-9	gamma-BHC	0.0091	0.00455	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.0009	0.00045	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	OCPs	1	57-74-9	Chlordane (total)	0.0045	0.00225	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAL6	RSAL6-0.5B	7/29/2009	OCPs	1	959-98-8	Endosulfan I	0.0009	0.00045	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00088	0.00044	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	OCPs	1	57-74-9	Chlordane (total)	0.0044	0.0022	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAL7	RSAL7-0.5B	6/5/2009	OCPs	1	959-98-8	Endosulfan I	0.00088	0.00044	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0088	0.0044	mg/kg	0.00015	R4 Inverts	60	30
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	57-74-9	Chlordane (total)	0.044	0.022	mg/kg	0.0029	R4 alpha-chlordane used as sur	20	8
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	959-98-8	Endosulfan I	0.0088	0.0044	mg/kg	0.0009	R4 Inverts	10	5
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	76-44-8	Heptachlor	0.0088	0.0044	mg/kg	0.0016	R4 Inverts	6	3
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0088	0.0044	mg/kg	0.0029	R4 Inverts	3	2
DU-1	RSAL8	RSAL8-0.5B	6/5/2009	OCPs	10	58-89-9	gamma-BHC	0.0088	0.0044	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OPPs	1	56-38-2	Parathion	0.0055	0.00275	mg/kg	0.00019	R4 Inverts	30	10
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00087	0.000435	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.0067	0.00335	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OPPs	1	333-41-5	Diazinon	0.0075	0.00375	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OCPs	1	57-74-9	Chlordane (total)	0.0044	0.0022	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAM2	RSAM2-0.5B	6/3/2009	OCPs	1	959-98-8	Endosulfan I	0.00087	0.000435	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0091	0.00455	mg/kg	0.00015	R4 Inverts	60	30
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	57-74-9	Chlordane (total)	0.045	0.0225	mg/kg	0.0029	R4 alpha-chlordane used as sur	20	8
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	959-98-8	Endosulfan I	0.0091	0.00455	mg/kg	0.0009	R4 Inverts	10	5
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	76-44-8	Heptachlor	0.0091	0.00455	mg/kg	0.0016	R4 Inverts	6	3
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	General Chemist	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0091	0.00455	mg/kg	0.0029	R4 Inverts	3	2

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RSAM4	RSAM4-0.5B	7/8/2009	OCPs	10	58-89-9	gamma-BHC	0.0091	0.00455	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00087	0.000435	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	OCPs	1	57-74-9	Chlordane (total)	0.0043	0.00215	mg/kg	0.0029	R4 alpha-chlordane used as sur	**1**	0.7
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAM6	RSAM6-0.5B	6/18/2009	OCPs	1	959-98-8	Endosulfan I	0.00087	0.000435	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00087	0.000435	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	General Chemist	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	OCPs	1	57-74-9	Chlordane (total)	0.0043	0.00215	mg/kg	0.0029	R4 alpha-chlordane used as sur	**1**	0.7
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAM7	RSAM7-0.5B	6/18/2009	OCPs	1	959-98-8	Endosulfan I	0.00087	0.000435	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	8001-35-2	Toxaphene	0.17	0.085	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0086	0.0043	mg/kg	0.00015	R4 Inverts	60	30
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	57-74-9	Chlordane (total)	0.043	0.0215	mg/kg	0.0029	R4 alpha-chlordane used as sur	10	7
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	959-98-8	Endosulfan I	0.0086	0.0043	mg/kg	0.0009	R4 Inverts	10	5
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	76-44-8	Heptachlor	0.0086	0.0043	mg/kg	0.0016	R4 Inverts	5	3
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	General Chemist	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0086	0.0043	mg/kg	0.0029	R4 Inverts	3	**1**
DU-1	RSAM8	RSAM8-0.5B	6/12/2009	OCPs	10	58-89-9	gamma-BHC	0.0086	0.0043	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	OCPs	1	8001-35-2	Toxaphene	0.019	0.0095	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00091	0.000455	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	General Chemist	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	OCPs	1	57-74-9	Chlordane (total)	0.0046	0.0023	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-1	RSAN3	RSAN3-0.5B	7/8/2009	OCPs	1	959-98-8	Endosulfan I	0.00091	0.000455	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	OCPs	1	8001-35-2	Toxaphene	0.019	0.0095	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00093	0.000465	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	OCPs	1	57-74-9	Chlordane (total)	0.0046	0.0023	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-1	RSAN4	RSAN4-0.5B	7/8/2009	OCPs	1	959-98-8	Endosulfan I	0.00093	0.000465	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	OCPs	2	8001-35-2	Toxaphene	0.035	0.0175	mg/kg	0.00015	R4 Inverts	200	100
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	OCPs	2	1024-57-3	Heptachlor epoxide	0.0018	0.0009	mg/kg	0.00015	R4 Inverts	10	6
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	OCPs	2	1031-07-8	Endosulfan sulfate	0.0035	0.00175	mg/kg	0.0007	R4 Inverts	5	3
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	OCPs	2	57-74-9	Chlordane (total)	0.0087	0.00435	mg/kg	0.0029	R4 alpha-chlordane used as sur	3	2
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	OCPs	2	7421-93-4	Endrin aldehyde	0.0035	0.00175	mg/kg	0.0014	R4 endrin used as surrogate	3	**1**
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	OCPs	2	959-98-8	Endosulfan I	0.0018	0.0009	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	RSAN5	RSAN5-0.5B	6/23/2009	OCPs	2	76-44-8	Heptachlor	0.0018	0.0009	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	OCPs	1	8001-35-2	Toxaphene	0.0097	0.00485	mg/kg	0.00015	R4 Inverts	60	30

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	RSAO2	RSAO2-0.5B	7/9/2008	General Chemist	1	57-12-5	Cyanide (total)	0.218	0.109	mg/kg	0.098	R4 Birds	2	**1**
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0087	0.00435	mg/kg	0.00015	R4 Inverts	60	30
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	57-74-9	Chlordane (total)	0.044	0.022	mg/kg	0.0029	R4 alpha-chlordane used as sur	20	8
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	959-98-8	Endosulfan I	0.0087	0.00435	mg/kg	0.0009	R4 Inverts	10	5
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	76-44-8	Heptachlor	0.0087	0.00435	mg/kg	0.0016	R4 Inverts	5	3
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0087	0.00435	mg/kg	0.0029	R4 Inverts	3	2
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	OCPs	10	58-89-9	gamma-BHC	0.0087	0.00435	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	RSAO3	RSAO3-0.5B	6/10/2009	PCBs	1	11104-28-2	Aroclor-1221	0.04	0.02	mg/kg	0.041	R4 Birds	**1**	0.5
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0088	0.0044	mg/kg	0.00015	R4 Inverts	60	30
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	57-74-9	Chlordane (total)	0.044	0.022	mg/kg	0.0029	R4 alpha-chlordane used as sur	20	8
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	959-98-8	Endosulfan I	0.0088	0.0044	mg/kg	0.0009	R4 Inverts	10	5
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	76-44-8	Heptachlor	0.0088	0.0044	mg/kg	0.0016	R4 Inverts	6	3
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0088	0.0044	mg/kg	0.0029	R4 Inverts	3	2
DU-1	RSAO5	RSAO5-0.5B	6/29/2009	OCPs	10	58-89-9	gamma-BHC	0.0088	0.0044	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00088	0.00044	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	OCPs	1	57-74-9	Chlordane (total)	0.0044	0.0022	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAO6	RSAO6-0.5B	6/24/2009	OCPs	1	959-98-8	Endosulfan I	0.00088	0.00044	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAO7	RSAO7-9B	10/12/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAO7	RSAO7-9B	10/12/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00091	0.000455	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAO7	RSAO7-9B	10/12/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAO7	RSAO7-9B	10/12/2009	OCPs	1	57-74-9	Chlordane (total)	0.0045	0.00225	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-1	RSAO7	RSAO7-9B	10/12/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAO7	RSAO7-9B	10/12/2009	OCPs	1	959-98-8	Endosulfan I	0.00091	0.000455	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.0009	0.00045	mg/kg	0.00015	R4 Inverts	6	3
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	OCPs	1	57-74-9	Chlordane (total)	0.0045	0.00225	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	RSAO8	RSAO8-11.5B	9/14/2009	OCPs	1	959-98-8	Endosulfan I	0.0009	0.00045	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	SA11	SA11-0.5	11/9/2006	OPPs	1	121-75-5	Malathion	0.016	0.008	mg/kg	0.00004	R4 Inverts	400	200
DU-1	SA11	SA11-0.5	11/9/2006	OCPs	1	8001-35-2	Toxaphene	0.054	0.027	mg/kg	0.00015	R4 Inverts	400	200
DU-1	SA11	SA11-0.5	11/9/2006	OPPs	1	86-50-0	Guthion	0.014	0.007	mg/kg	0.00006	R4 Inverts	200	100
DU-1	SA11	SA11-0.5	11/9/2006	OPPs	1	56-38-2	Parathion	0.019	0.0095	mg/kg	0.00019	R4 Inverts	100	50
DU-1	SA11	SA11-0.5	11/9/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0018	0.0009	mg/kg	0.00015	R4 Inverts	10	6
DU-1	SA11	SA11-0.5	11/9/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.022	0.011	mg/kg	0.003	R4 Inverts	7	4
DU-1	SA11	SA11-0.5	11/9/2006	OPPs	1	333-41-5	Diazinon	0.024	0.012	mg/kg	0.0037	R4 Inverts	6	3
DU-1	SA11	SA11-0.5	11/9/2006	General Chemist	1	57-12-5	Cyanide (total)	0.54	0.27	mg/kg	0.098	R4 Birds	6	3

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA11	SA11-0.5	11/9/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-1	SA11	SA11-0.5	11/9/2006	OCPs	1	57-74-9	Chlordane (total)	0.011	0.0055	mg/kg	0.0029	R4 alpha-chlordane used as sur	4	2
DU-1	SA11	SA11-0.5	11/9/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	SA11	SA11-0.5	11/9/2006	OCPs	1	959-98-8	Endosulfan I	0.0018	0.0009	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	SA11	SA11-0.5	11/9/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	SA11	SA11-0.5	11/9/2006	OCPs	1	76-44-8	Heptachlor	0.0018	0.0009	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	SA11	SA11-0.5D	11/9/2006	OPPs	1	121-75-5	Malathion	0.017	0.0085	mg/kg	0.00004	R4 Inverts	400	200
DU-1	SA11	SA11-0.5D	11/9/2006	OCPs	1	8001-35-2	Toxaphene	0.057	0.0285	mg/kg	0.00015	R4 Inverts	400	200
DU-1	SA11	SA11-0.5D	11/9/2006	OPPs	1	86-50-0	Guthion	0.015	0.0075	mg/kg	0.00006	R4 Inverts	300	100
DU-1	SA11	SA11-0.5D	11/9/2006	OPPs	1	56-38-2	Parathion	0.02	0.01	mg/kg	0.00019	R4 Inverts	100	50
DU-1	SA11	SA11-0.5D	11/9/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0019	0.00095	mg/kg	0.00015	R4 Inverts	10	6
DU-1	SA11	SA11-0.5D	11/9/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.023	0.0115	mg/kg	0.003	R4 Inverts	8	4
DU-1	SA11	SA11-0.5D	11/9/2006	OPPs	1	333-41-5	Diazinon	0.025	0.0125	mg/kg	0.0037	R4 Inverts	7	3
DU-1	SA11	SA11-0.5D	11/9/2006	General Chemist	1	57-12-5	Cyanide (total)	0.57	0.285	mg/kg	0.098	R4 Birds	6	3
DU-1	SA11	SA11-0.5D	11/9/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-1	SA11	SA11-0.5D	11/9/2006	OCPs	1	57-74-9	Chlordane (total)	0.011	0.0055	mg/kg	0.0029	R4 alpha-chlordane used as sur	4	2
DU-1	SA11	SA11-0.5D	11/9/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	SA11	SA11-0.5D	11/9/2006	OCPs	1	959-98-8	Endosulfan I	0.0019	0.00095	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	SA11	SA11-0.5D	11/9/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-1	SA11	SA11-0.5D	11/9/2006	OCPs	1	76-44-8	Heptachlor	0.0019	0.00095	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	SA12	SA12-0.5	11/10/2006	OPPs	1	121-75-5	Malathion	0.017	0.0085	mg/kg	0.00004	R4 Inverts	400	200
DU-1	SA12	SA12-0.5	11/10/2006	OCPs	1	8001-35-2	Toxaphene	0.056	0.028	mg/kg	0.00015	R4 Inverts	400	200
DU-1	SA12	SA12-0.5	11/10/2006	OPPs	1	86-50-0	Guthion	0.014	0.007	mg/kg	0.00006	R4 Inverts	200	100
DU-1	SA12	SA12-0.5	11/10/2006	OPPs	1	56-38-2	Parathion	0.02	0.01	mg/kg	0.00019	R4 Inverts	100	50
DU-1	SA12	SA12-0.5	11/10/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0019	0.00095	mg/kg	0.00015	R4 Inverts	10	6
DU-1	SA12	SA12-0.5	11/10/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.022	0.011	mg/kg	0.003	R4 Inverts	7	4
DU-1	SA12	SA12-0.5	11/10/2006	OPPs	1	333-41-5	Diazinon	0.024	0.012	mg/kg	0.0037	R4 Inverts	6	3
DU-1	SA12	SA12-0.5	11/10/2006	General Chemist	1	57-12-5	Cyanide (total)	0.56	0.28	mg/kg	0.098	R4 Birds	6	3
DU-1	SA12	SA12-0.5	11/10/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-1	SA12	SA12-0.5	11/10/2006	OCPs	1	57-74-9	Chlordane (total)	0.011	0.0055	mg/kg	0.0029	R4 alpha-chlordane used as sur	4	2
DU-1	SA12	SA12-0.5	11/10/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	SA12	SA12-0.5	11/10/2006	OCPs	1	959-98-8	Endosulfan I	0.0019	0.00095	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	SA12	SA12-0.5	11/10/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-1	SA12	SA12-0.5	11/10/2006	OCPs	1	76-44-8	Heptachlor	0.0019	0.00095	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	SA152	SA152-0.5B	6/4/2009	General Chemist	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	SA152	SA152009-0.5B	6/4/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA157	SA157-0.5B	10/20/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA157	SA157009-0.5B	10/20/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA158	SA158-0.5B	6/17/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	SA166	SA166-0.5B	6/11/2009	OPPs	1	121-75-5	Malathion	0.0056	0.0028	mg/kg	0.00004	R4 Inverts	100	70
DU-1	SA166	SA166-0.5B	6/11/2009	OPPs	1	86-50-0	Guthion	0.0042	0.0021	mg/kg	0.00006	R4 Inverts	70	40
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0088	0.0044	mg/kg	0.00015	R4 Inverts	60	30
DU-1	SA166	SA166-0.5B	6/11/2009	OPPs	1	56-38-2	Parathion	0.0063	0.00315	mg/kg	0.00019	R4 Inverts	30	20
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	57-74-9	Chlordane (total)	0.044	0.022	mg/kg	0.0029	R4 alpha-chlordane used as sur	20	8
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	959-98-8	Endosulfan I	0.0088	0.0044	mg/kg	0.0009	R4 Inverts	10	5
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	76-44-8	Heptachlor	0.0088	0.0044	mg/kg	0.0016	R4 Inverts	6	3

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA166	SA166-0.5B	6/11/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0088	0.0044	mg/kg	0.0029	R4 Inverts	3	2
DU-1	SA166	SA166-0.5B	6/11/2009	OCPs	10	58-89-9	gamma-BHC	0.0088	0.0044	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	SA166	SA166-0.5B	6/11/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.0077	0.00385	mg/kg	0.003	R4 Inverts	3	**1**
DU-1	SA166	SA166-0.5B	6/11/2009	OPPs	1	333-41-5	Diazinon	0.0087	0.00435	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	SA166	SA166-0.5B	6/11/2009	PCBs	1	11104-28-2	Aroclor-1221	0.04	0.02	mg/kg	0.041	R4 Birds	**1**	0.5
DU-1	SA171	SA171-5B	10/19/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA173	SA173-0.5B	7/27/2009	General Chemist	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	SA173	SA173009-0.5B	7/27/2009	General Chemist	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	SA176	SA176-0.5B	6/10/2009	OPPs	1	121-75-5	Malathion	0.0049	0.00245	mg/kg	0.00004	R4 Inverts	100	60
DU-1	SA176	SA176-0.5B	6/10/2009	OPPs	1	86-50-0	Guthion	0.0037	0.00185	mg/kg	0.00006	R4 Inverts	60	30
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0088	0.0044	mg/kg	0.00015	R4 Inverts	60	30
DU-1	SA176	SA176-0.5B	6/10/2009	OPPs	1	56-38-2	Parathion	0.0056	0.0028	mg/kg	0.00019	R4 Inverts	30	10
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	57-74-9	Chlordane (total)	0.044	0.022	mg/kg	0.0029	R4 alpha-chlordane used as sur	20	8
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	959-98-8	Endosulfan I	0.0088	0.0044	mg/kg	0.0009	R4 Inverts	10	5
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	76-44-8	Heptachlor	0.0088	0.0044	mg/kg	0.0016	R4 Inverts	6	3
DU-1	SA176	SA176-0.5B	6/10/2009	General Chemist	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	SA176	SA176-0.5B	6/10/2009	General Chemist	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0088	0.0044	mg/kg	0.0029	R4 Inverts	3	2
DU-1	SA176	SA176-0.5B	6/10/2009	OCPs	10	58-89-9	gamma-BHC	0.0088	0.0044	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	SA176	SA176-0.5B	6/10/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.0068	0.0034	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	SA176	SA176-0.5B	6/10/2009	OPPs	1	333-41-5	Diazinon	0.0076	0.0038	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	SA179	SA179-0.5B	7/28/2009	General Chemist	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	SA18	SA18-0.5	11/15/2006	OPPs	1	121-75-5	Malathion	0.016	0.008	mg/kg	0.00004	R4 Inverts	400	200
DU-1	SA18	SA18-0.5	11/15/2006	OCPs	1	8001-35-2	Toxaphene	0.055	0.0275	mg/kg	0.00015	R4 Inverts	400	200
DU-1	SA18	SA18-0.5	11/15/2006	OPPs	1	86-50-0	Guthion	0.014	0.007	mg/kg	0.00006	R4 Inverts	200	100
DU-1	SA18	SA18-0.5	11/15/2006	OPPs	1	56-38-2	Parathion	0.02	0.01	mg/kg	0.00019	R4 Inverts	100	50
DU-1	SA18	SA18-0.5	11/15/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0019	0.00095	mg/kg	0.00015	R4 Inverts	10	6
DU-1	SA18	SA18-0.5	11/15/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.022	0.011	mg/kg	0.003	R4 Inverts	7	4
DU-1	SA18	SA18-0.5	11/15/2006	OPPs	1	333-41-5	Diazinon	0.024	0.012	mg/kg	0.0037	R4 Inverts	6	3
DU-1	SA18	SA18-0.5	11/15/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-1	SA18	SA18-0.5	11/15/2006	OCPs	1	57-74-9	Chlordane (total)	0.011	0.0055	mg/kg	0.0029	R4 alpha-chlordane used as sur	4	2
DU-1	SA18	SA18-0.5	11/15/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	SA18	SA18-0.5	11/15/2006	OCPs	1	959-98-8	Endosulfan I	0.0019	0.00095	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	SA18	SA18-0.5	11/15/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-1	SA18	SA18-0.5	11/15/2006	OCPs	1	76-44-8	Heptachlor	0.0019	0.00095	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	SA18	SA18-0.5D	11/15/2006	OPPs	1	121-75-5	Malathion	0.016	0.008	mg/kg	0.00004	R4 Inverts	400	200
DU-1	SA18	SA18-0.5D	11/15/2006	OCPs	1	8001-35-2	Toxaphene	0.053	0.0265	mg/kg	0.00015	R4 Inverts	400	200
DU-1	SA18	SA18-0.5D	11/15/2006	OPPs	1	86-50-0	Guthion	0.014	0.007	mg/kg	0.00006	R4 Inverts	200	100
DU-1	SA18	SA18-0.5D	11/15/2006	OPPs	1	56-38-2	Parathion	0.019	0.0095	mg/kg	0.00019	R4 Inverts	100	50
DU-1	SA18	SA18-0.5D	11/15/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0018	0.0009	mg/kg	0.00015	R4 Inverts	10	6
DU-1	SA18	SA18-0.5D	11/15/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.021	0.0105	mg/kg	0.003	R4 Inverts	7	4
DU-1	SA18	SA18-0.5D	11/15/2006	OPPs	1	333-41-5	Diazinon	0.023	0.0115	mg/kg	0.0037	R4 Inverts	6	3
DU-1	SA18	SA18-0.5D	11/15/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-1	SA18	SA18-0.5D	11/15/2006	OCPs	1	57-74-9	Chlordane (total)	0.011	0.0055	mg/kg	0.0029	R4 alpha-chlordane used as sur	4	2

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA18	SA18-0.5D	11/15/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	SA18	SA18-0.5D	11/15/2006	OCPs	1	959-98-8	Endosulfan I	0.0018	0.0009	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	SA18	SA18-0.5D	11/15/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	SA18	SA18-0.5D	11/15/2006	OCPs	1	76-44-8	Heptachlor	0.0018	0.0009	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	SA180	SA180-0.5B	6/26/2008	OCPs	20	8001-35-2	Toxaphene	0.0097	0.00485	mg/kg	0.00015	R4 Inverts	60	30
DU-1	SA180	SA180-0.5B	6/26/2008	General Chemist	1	57-12-5	Cyanide (total)	0.218	0.109	mg/kg	0.098	R4 Birds	2	**1**
DU-1	SA180	SA180-0.5BD	6/26/2008	OCPs	1	8001-35-2	Toxaphene	0.0097	0.00485	mg/kg	0.00015	R4 Inverts	60	30
DU-1	SA180	SA180-0.5BD	6/26/2008	General Chemist	1	57-12-5	Cyanide (total)	0.218	0.109	mg/kg	0.098	R4 Birds	2	**1**
DU-1	SA189	SA189-0.5B	6/4/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA19	SA19-0.5	11/16/2006	OPPs	1	121-75-5	Malathion	0.017	0.0085	mg/kg	0.00004	R4 Inverts	400	200
DU-1	SA19	SA19-0.5	11/16/2006	OCPs	1	8001-35-2	Toxaphene	0.055	0.0275	mg/kg	0.00015	R4 Inverts	400	200
DU-1	SA19	SA19-0.5	11/16/2006	OPPs	1	86-50-0	Guthion	0.014	0.007	mg/kg	0.00006	R4 Inverts	200	100
DU-1	SA19	SA19-0.5	11/16/2006	OPPs	1	56-38-2	Parathion	0.02	0.01	mg/kg	0.00019	R4 Inverts	100	50
DU-1	SA19	SA19-0.5	11/16/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0019	0.00095	mg/kg	0.00015	R4 Inverts	10	6
DU-1	SA19	SA19-0.5	11/16/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.022	0.011	mg/kg	0.003	R4 Inverts	7	4
DU-1	SA19	SA19-0.5	11/16/2006	OPPs	1	333-41-5	Diazinon	0.024	0.012	mg/kg	0.0037	R4 Inverts	6	3
DU-1	SA19	SA19-0.5	11/16/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-1	SA19	SA19-0.5	11/16/2006	OCPs	1	57-74-9	Chlordane (total)	0.011	0.0055	mg/kg	0.0029	R4 alpha-chlordane used as sur	4	2
DU-1	SA19	SA19-0.5	11/16/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	SA19	SA19-0.5	11/16/2006	OCPs	1	959-98-8	Endosulfan I	0.0019	0.00095	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	SA19	SA19-0.5	11/16/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-1	SA19	SA19-0.5	11/16/2006	OCPs	1	76-44-8	Heptachlor	0.0019	0.00095	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	SA20	SA20-0.5	11/16/2006	OPPs	1	121-75-5	Malathion	0.017	0.0085	mg/kg	0.00004	R4 Inverts	400	200
DU-1	SA20	SA20-0.5	11/16/2006	OCPs	1	8001-35-2	Toxaphene	0.056	0.028	mg/kg	0.00015	R4 Inverts	400	200
DU-1	SA20	SA20-0.5	11/16/2006	OPPs	1	86-50-0	Guthion	0.014	0.007	mg/kg	0.00006	R4 Inverts	200	100
DU-1	SA20	SA20-0.5	11/16/2006	OPPs	1	56-38-2	Parathion	0.02	0.01	mg/kg	0.00019	R4 Inverts	100	50
DU-1	SA20	SA20-0.5	11/16/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0019	0.00095	mg/kg	0.00015	R4 Inverts	10	6
DU-1	SA20	SA20-0.5	11/16/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.022	0.011	mg/kg	0.003	R4 Inverts	7	4
DU-1	SA20	SA20-0.5	11/16/2006	OPPs	1	333-41-5	Diazinon	0.024	0.012	mg/kg	0.0037	R4 Inverts	6	3
DU-1	SA20	SA20-0.5	11/16/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-1	SA20	SA20-0.5	11/16/2006	OCPs	1	57-74-9	Chlordane (total)	0.011	0.0055	mg/kg	0.0029	R4 alpha-chlordane used as sur	4	2
DU-1	SA20	SA20-0.5	11/16/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	SA20	SA20-0.5	11/16/2006	OCPs	1	959-98-8	Endosulfan I	0.0019	0.00095	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	SA20	SA20-0.5	11/16/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-1	SA20	SA20-0.5	11/16/2006	OCPs	1	76-44-8	Heptachlor	0.0019	0.00095	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	8001-35-2	Toxaphene	0.62	0.31	mg/kg	0.00015	R4 Inverts	4000	2000
DU-1	SA20	SA20-0.5D	11/16/2006	OPPs	1	121-75-5	Malathion	0.019	0.0095	mg/kg	0.00004	R4 Inverts	500	200
DU-1	SA20	SA20-0.5D	11/16/2006	OPPs	1	86-50-0	Guthion	0.016	0.008	mg/kg	0.00006	R4 Inverts	300	100
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	1024-57-3	Heptachlor epoxide	0.021	0.0105	mg/kg	0.00015	R4 Inverts	100	70
DU-1	SA20	SA20-0.5D	11/16/2006	OPPs	1	56-38-2	Parathion	0.022	0.011	mg/kg	0.00019	R4 Inverts	100	60
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	57-74-9	Chlordane (total)	0.12	0.06	mg/kg	0.0029	R4 alpha-chlordane used as sur	40	20
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	1031-07-8	Endosulfan sulfate	0.021	0.0105	mg/kg	0.0007	R4 Inverts	30	20
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	959-98-8	Endosulfan I	0.021	0.0105	mg/kg	0.0009	R4 Inverts	20	10
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	7421-93-4	Endrin aldehyde	0.021	0.0105	mg/kg	0.0014	R4 endrin used as surrogate	20	8
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	76-44-8	Heptachlor	0.021	0.0105	mg/kg	0.0016	R4 Inverts	10	7
DU-1	SA20	SA20-0.5D	11/16/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.025	0.0125	mg/kg	0.003	R4 Inverts	8	4
DU-1	SA20	SA20-0.5D	11/16/2006	OPPs	1	333-41-5	Diazinon	0.027	0.0135	mg/kg	0.0037	R4 Inverts	7	4
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	5103-71-9	alpha-Chlordane	0.021	0.0105	mg/kg	0.0029	R4 Inverts	7	4
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	58-89-9	gamma-BHC	0.021	0.0105	mg/kg	0.0031	R4 Inverts	7	3

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA20	SA20-0.5D	11/16/2006	VOCs	1	74-83-9	Bromomethane	0.012	0.006	mg/kg	0.002	R4 Inverts	6	3
DU-1	SA20	SA20-0.5D	11/16/2006	OCPs	10	60-57-1	Dieldrin	0.021	0.0105	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	SA20	SA20-0.5D	11/16/2006	PCBs	1	12674-11-2	Aroclor-1016	0.041	0.0205	mg/kg	0.041	R4 Birds	**1**	0.5
DU-1	SA20	SA20-0.5D	11/16/2006	PCBs	1	11104-28-2	Aroclor-1221	0.041	0.0205	mg/kg	0.041	R4 Birds	**1**	0.5
DU-1	SA20	SA20-0.5D	11/16/2006	PCBs	1	11141-16-5	Aroclor-1232	0.041	0.0205	mg/kg	0.041	R4 Birds	**1**	0.5
DU-1	SA20	SA20-0.5D	11/16/2006	PCBs	1	53469-21-9	Aroclor-1242	0.041	0.0205	mg/kg	0.041	R4 Birds	**1**	0.5
DU-1	SA20	SA20-0.5D	11/16/2006	PCBs	1	12672-29-6	Aroclor-1248	0.041	0.0205	mg/kg	0.041	R4 Birds	**1**	0.5
DU-1	SA20	SA20-0.5D	11/16/2006	PCBs	1	11097-69-1	Aroclor-1254	0.041	0.0205	mg/kg	0.041	R4 Birds	**1**	0.5
DU-1	SA21	SA21-0.5	11/15/2006	OPPs	1	121-75-5	Malathion	0.016	0.008	mg/kg	0.00004	R4 Inverts	400	200
DU-1	SA21	SA21-0.5	11/15/2006	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
DU-1	SA21	SA21-0.5	11/15/2006	OPPs	1	86-50-0	Guthion	0.014	0.007	mg/kg	0.00006	R4 Inverts	200	100
DU-1	SA21	SA21-0.5	11/15/2006	OPPs	1	56-38-2	Parathion	0.019	0.0095	mg/kg	0.00019	R4 Inverts	100	50
DU-1	SA21	SA21-0.5	11/15/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0018	0.0009	mg/kg	0.00015	R4 Inverts	10	6
DU-1	SA21	SA21-0.5	11/15/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.021	0.0105	mg/kg	0.003	R4 Inverts	7	4
DU-1	SA21	SA21-0.5	11/15/2006	OPPs	1	333-41-5	Diazinon	0.023	0.0115	mg/kg	0.0037	R4 Inverts	6	3
DU-1	SA21	SA21-0.5	11/15/2006	VOCs	1	74-83-9	Bromomethane	0.01	0.005	mg/kg	0.002	R4 Inverts	5	3
DU-1	SA21	SA21-0.5	11/15/2006	OCPs	1	57-74-9	Chlordane (total)	0.01	0.005	mg/kg	0.0029	R4 alpha-chlordane used as sur	3	2
DU-1	SA21	SA21-0.5	11/15/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	SA21	SA21-0.5	11/15/2006	OCPs	1	959-98-8	Endosulfan I	0.0018	0.0009	mg/kg	0.0009	R4 Inverts	2	**1**
DU-1	SA21	SA21-0.5	11/15/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	SA21	SA21-0.5	11/15/2006	OCPs	1	76-44-8	Heptachlor	0.0018	0.0009	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-1	SA35	SA35-0.5B	6/10/2009	OPPs	1	121-75-5	Malathion	0.0049	0.00245	mg/kg	0.00004	R4 Inverts	100	60
DU-1	SA35	SA35-0.5B	6/10/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	SA35	SA35-0.5B	6/10/2009	OPPs	1	86-50-0	Guthion	0.0037	0.00185	mg/kg	0.00006	R4 Inverts	60	30
DU-1	SA35	SA35-0.5B	6/10/2009	OPPs	1	56-38-2	Parathion	0.0056	0.0028	mg/kg	0.00019	R4 Inverts	30	10
DU-1	SA35	SA35-0.5B	6/10/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.0009	0.00045	mg/kg	0.00015	R4 Inverts	6	3
DU-1	SA35	SA35-0.5B	6/10/2009	General Chemist	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	SA35	SA35-0.5B	6/10/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	SA35	SA35-0.5B	6/10/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.0068	0.0034	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	SA35	SA35-0.5B	6/10/2009	OPPs	1	333-41-5	Diazinon	0.0077	0.00385	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	SA35	SA35-0.5B	6/10/2009	OCPs	1	57-74-9	Chlordane (total)	0.0045	0.00225	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-1	SA35	SA35-0.5B	6/10/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-1	SA35	SA35-0.5B	6/10/2009	OCPs	1	959-98-8	Endosulfan I	0.0009	0.00045	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	SA55	SA55-0.5B	6/10/2009	General Chemist	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	SA67	SA67-0.5B	7/7/2008	OCPs	1	8001-35-2	Toxaphene	0.0097	0.00485	mg/kg	0.00015	R4 Inverts	60	30
DU-1	SA67	SA67-0.5B	7/7/2008	General Chemist	1	57-12-5	Cyanide (total)	0.218	0.109	mg/kg	0.098	R4 Birds	2	**1**
DU-1	SA69	SA69-0.5B	7/7/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA71	SA71-0.5B	6/16/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA72	SA72-0.5B	7/27/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA73	SA73-0.5B	7/29/2009	OPPs	1	121-75-5	Malathion	0.005	0.0025	mg/kg	0.00004	R4 Inverts	100	60
DU-1	SA73	SA73-0.5B	7/29/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	SA73	SA73-0.5B	7/29/2009	OPPs	1	86-50-0	Guthion	0.0038	0.0019	mg/kg	0.00006	R4 Inverts	60	30
DU-1	SA73	SA73-0.5B	7/29/2009	OPPs	1	56-38-2	Parathion	0.0057	0.00285	mg/kg	0.00019	R4 Inverts	30	20
DU-1	SA73	SA73-0.5B	7/29/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00091	0.000455	mg/kg	0.00015	R4 Inverts	6	3
DU-1	SA73	SA73-0.5B	7/29/2009	General Chemist	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	SA73	SA73-0.5B	7/29/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-1	SA73	SA73-0.5B	7/29/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.007	0.0035	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	SA73	SA73-0.5B	7/29/2009	OPPs	1	333-41-5	Diazinon	0.0079	0.00395	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	SA73	SA73-0.5B	7/29/2009	OCPs	1	57-74-9	Chlordane (total)	0.0046	0.0023	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SA73	SA73-0.5B	7/29/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-1	SA73	SA73-0.5B	7/29/2009	OCPs	1	959-98-8	Endosulfan I	0.00091	0.000455	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-1	SA74	SA74-0.5B	7/15/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA74	SA74009-0.5B	7/15/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	SA85	SA85-0.5B	6/16/2009	OPPs	1	121-75-5	Malathion	0.0049	0.00245	mg/kg	0.00004	R4 Inverts	100	60
DU-1	SA85	SA85-0.5B	6/16/2009	OPPs	1	86-50-0	Guthion	0.0037	0.00185	mg/kg	0.00006	R4 Inverts	60	30
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0088	0.0044	mg/kg	0.00015	R4 Inverts	60	30
DU-1	SA85	SA85-0.5B	6/16/2009	OPPs	1	56-38-2	Parathion	0.0055	0.00275	mg/kg	0.00019	R4 Inverts	30	10
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	57-74-9	Chlordane (total)	0.044	0.022	mg/kg	0.0029	R4 alpha-chlordane used as sur	20	8
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	959-98-8	Endosulfan I	0.0088	0.0044	mg/kg	0.0009	R4 Inverts	10	5
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	76-44-8	Heptachlor	0.0088	0.0044	mg/kg	0.0016	R4 Inverts	6	3
DU-1	SA85	SA85-0.5B	6/16/2009	General Chemist	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0088	0.0044	mg/kg	0.0029	R4 Inverts	3	2
DU-1	SA85	SA85-0.5B	6/16/2009	OCPs	10	58-89-9	gamma-BHC	0.0088	0.0044	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	SA85	SA85-0.5B	6/16/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.0068	0.0034	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	SA85	SA85-0.5B	6/16/2009	OPPs	1	333-41-5	Diazinon	0.0076	0.0038	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	SA87	SA87-0.5B	6/25/2008	OCPs	1	8001-35-2	Toxaphene	0.0097	0.00485	mg/kg	0.00015	R4 Inverts	60	30
DU-1	SA87	SA87-0.5B	6/25/2008	General Chemist	1	57-12-5	Cyanide (total)	0.218	0.109	mg/kg	0.098	R4 Birds	2	**1**
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-1	SA92	SA92-0.5B	6/17/2009	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
DU-1	SA92	SA92-0.5B	6/17/2009	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.0087	0.00435	mg/kg	0.00015	R4 Inverts	60	30
DU-1	SA92	SA92-0.5B	6/17/2009	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	57-74-9	Chlordane (total)	0.043	0.0215	mg/kg	0.0029	R4 alpha-chlordane used as sur	10	7
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	959-98-8	Endosulfan I	0.0087	0.00435	mg/kg	0.0009	R4 Inverts	10	5
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	76-44-8	Heptachlor	0.0087	0.00435	mg/kg	0.0016	R4 Inverts	5	3
DU-1	SA92	SA92-0.5B	6/17/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.0087	0.00435	mg/kg	0.0029	R4 Inverts	3	2
DU-1	SA92	SA92-0.5B	6/17/2009	OCPs	10	58-89-9	gamma-BHC	0.0087	0.00435	mg/kg	0.0031	R4 Inverts	3	**1**
DU-1	SA92	SA92-0.5B	6/17/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
DU-1	SA92	SA92-0.5B	6/17/2009	OPPs	1	333-41-5	Diazinon	0.0075	0.00375	mg/kg	0.0037	R4 Inverts	2	**1**
DU-1	SA92	SA92-0.5B	6/17/2009	PCBs	1	11104-28-2	Aroclor-1221	0.04	0.02	mg/kg	0.041	R4 Birds	**1**	0.5
DU-1	SSAI3-02	SSAI3-02-14BPC	8/7/2010	OCPs	1	8001-35-2	Toxaphene	0.017	0.0085	mg/kg	0.00015	R4 Inverts	100	60
DU-1	SSAI3-02	SSAI3-02-14BPC	8/7/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00045	0.000225	mg/kg	0.00015	R4 Inverts	3	2
DU-1	SSAJ3-05	SSAJ3-05-8BPC	8/10/2010	OCPs	1	8001-35-2	Toxaphene	0.016	0.008	mg/kg	0.00015	R4 Inverts	100	50
DU-1	SSAJ3-05	SSAJ3-05-8BPC	8/10/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00044	0.00022	mg/kg	0.00015	R4 Inverts	3	**1**
DU-1	SSAJ3-07	SSAJ3-07-5BPC	8/10/2010	OCPs	1	8001-35-2	Toxaphene	0.016	0.008	mg/kg	0.00015	R4 Inverts	100	50
DU-1	SSAJ3-07	SSAJ3-07-5BPC	8/10/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00044	0.00022	mg/kg	0.00015	R4 Inverts	3	**1**
DU-1	SSAL3-05	SSAL3-05-1BPC	5/4/2010	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-1	SSAL3-05	SSAL3-05-1BPC	5/4/2010	OCPs	1	1024-57-3	Heptachlor epoxide	0.00049	0.000245	mg/kg	0.00015	R4 Inverts	3	2
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	8001-35-2	Toxaphene	1.8	0.9	mg/kg	0.00015	R4 Inverts	10000	6000
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	1024-57-3	Heptachlor epoxide	0.048	0.024	mg/kg	0.00015	R4 Inverts	300	200

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	1031-07-8	Endosulfan sulfate	0.031	0.0155	mg/kg	0.0007	R4 Inverts	40	20
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	959-98-8	Endosulfan I	0.02	0.01	mg/kg	0.0009	R4 Inverts	20	10
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	58-89-9	gamma-BHC	0.052	0.026	mg/kg	0.0031	R4 Inverts	20	8
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	76-44-8	Heptachlor	0.024	0.012	mg/kg	0.0016	R4 Inverts	20	8
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	7421-93-4	Endrin aldehyde	0.019	0.0095	mg/kg	0.0014	R4 endrin used as surrogate	10	7
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	5103-71-9	alpha-Chlordane	0.036	0.018	mg/kg	0.0029	R4 Inverts	10	6
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	57-74-9	Chlordane (total)	0.024	0.012	mg/kg	0.0029	R4 alpha-chlordane used as sur	8	4
DU-1	SSAM3-01	SSAM3-01-2BPC	4/13/2010	OCPs	100	60-57-1	Dieldrin	0.024	0.012	mg/kg	0.0049	Eco-SSL Mammals	5	2
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	8001-35-2	Toxaphene	0.85	0.425	mg/kg	0.00015	R4 Inverts	6000	3000
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	1024-57-3	Heptachlor epoxide	0.023	0.0115	mg/kg	0.00015	R4 Inverts	200	80
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	1031-07-8	Endosulfan sulfate	0.015	0.0075	mg/kg	0.0007	R4 Inverts	20	10
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	959-98-8	Endosulfan I	0.0095	0.00475	mg/kg	0.0009	R4 Inverts	10	5
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	58-89-9	gamma-BHC	0.025	0.0125	mg/kg	0.0031	R4 Inverts	8	4
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	76-44-8	Heptachlor	0.012	0.006	mg/kg	0.0016	R4 Inverts	8	4
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	7421-93-4	Endrin aldehyde	0.0092	0.0046	mg/kg	0.0014	R4 endrin used as surrogate	7	3
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	5103-71-9	alpha-Chlordane	0.017	0.0085	mg/kg	0.0029	R4 Inverts	6	3
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	57-74-9	Chlordane (total)	0.012	0.006	mg/kg	0.0029	R4 alpha-chlordane used as sur	4	2
DU-1	SSAM3-01	SSAM3-01-3BPC	4/13/2010	OCPs	50	60-57-1	Dieldrin	0.011	0.0055	mg/kg	0.0049	Eco-SSL Mammals	2	**1**
DU-2	RSAP7	RSAP7-0.0B	10/27/2009	OPPs	1	121-75-5	Malathion	0.005	0.0025	mg/kg	0.00004	R4 Inverts	100	60
DU-2	RSAP7	RSAP7-0.0B	10/27/2009	OPPs	1	86-50-0	Guthion	0.0038	0.0019	mg/kg	0.00006	R4 Inverts	60	30
DU-2	RSAP7	RSAP7-0.0B	10/27/2009	OPPs	1	56-38-2	Parathion	0.0057	0.00285	mg/kg	0.00019	R4 Inverts	30	20
DU-2	RSAP7	RSAP7-0.0B	10/27/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.007	0.0035	mg/kg	0.003	R4 Inverts	2	**1**
DU-2	RSAP7	RSAP7-0.0B	10/27/2009	OPPs	1	333-41-5	Diazinon	0.0079	0.00395	mg/kg	0.0037	R4 Inverts	2	**1**
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OPPs	1	121-75-5	Malathion	0.0051	0.00255	mg/kg	0.00004	R4 Inverts	100	60
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OCPs	1	8001-35-2	Toxaphene	0.019	0.0095	mg/kg	0.00015	R4 Inverts	100	60
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OPPs	1	86-50-0	Guthion	0.0038	0.0019	mg/kg	0.00006	R4 Inverts	60	30
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OPPs	1	56-38-2	Parathion	0.0058	0.0029	mg/kg	0.00019	R4 Inverts	30	20
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00092	0.00046	mg/kg	0.00015	R4 Inverts	6	3
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	General Chemist	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.0071	0.00355	mg/kg	0.003	R4 Inverts	2	**1**
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OPPs	1	333-41-5	Diazinon	0.008	0.004	mg/kg	0.0037	R4 Inverts	2	**1**
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OCPs	1	57-74-9	Chlordane (total)	0.0046	0.0023	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-2	RSAP7	RSAP7-0.5B	10/27/2009	OCPs	1	959-98-8	Endosulfan I	0.00092	0.00046	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	OCPs	1	8001-35-2	Toxaphene	0.019	0.0095	mg/kg	0.00015	R4 Inverts	100	60
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00092	0.00046	mg/kg	0.00015	R4 Inverts	6	3
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	OCPs	1	57-74-9	Chlordane (total)	0.0046	0.0023	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-2	RSAQ6	RSAQ6-0.5B	9/11/2009	OCPs	1	959-98-8	Endosulfan I	0.00092	0.00046	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	OCPs	1	8001-35-2	Toxaphene	0.019	0.0095	mg/kg	0.00015	R4 Inverts	100	60
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00092	0.00046	mg/kg	0.00015	R4 Inverts	6	3
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	OCPs	1	57-74-9	Chlordane (total)	0.0046	0.0023	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-2	RSAQ7	RSAQ7-0.5B	10/27/2009	OCPs	1	959-98-8	Endosulfan I	0.00092	0.00046	mg/kg	0.0009	R4 Inverts	**1**	0.5

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OPPs	1	121-75-5	Malathion	0.0049	0.00245	mg/kg	0.00004	R4 Inverts	100	60
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OPPs	1	86-50-0	Guthion	0.0037	0.00185	mg/kg	0.00006	R4 Inverts	60	30
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OPPs	1	56-38-2	Parathion	0.0055	0.00275	mg/kg	0.00019	R4 Inverts	30	10
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00088	0.00044	mg/kg	0.00015	R4 Inverts	6	3
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.0068	0.0034	mg/kg	0.003	R4 Inverts	2	**1**
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OPPs	1	333-41-5	Diazinon	0.0076	0.0038	mg/kg	0.0037	R4 Inverts	2	**1**
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OCPs	1	57-74-9	Chlordane (total)	0.0044	0.0022	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	OCPs	1	959-98-8	Endosulfan I	0.00088	0.00044	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	RSAS3	RSAS3-0.5B	8/26/2009	PCBs	1	11104-28-2	Aroclor-1221	0.04	0.02	mg/kg	0.041	R4 Birds	**1**	0.5
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OPPs	1	121-75-5	Malathion	0.0049	0.00245	mg/kg	0.00004	R4 Inverts	100	60
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OPPs	1	86-50-0	Guthion	0.0037	0.00185	mg/kg	0.00006	R4 Inverts	60	30
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OPPs	1	56-38-2	Parathion	0.0055	0.00275	mg/kg	0.00019	R4 Inverts	30	10
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00089	0.000445	mg/kg	0.00015	R4 Inverts	6	3
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.0068	0.0034	mg/kg	0.003	R4 Inverts	2	**1**
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OPPs	1	333-41-5	Diazinon	0.0076	0.0038	mg/kg	0.0037	R4 Inverts	2	**1**
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OCPs	1	57-74-9	Chlordane (total)	0.0044	0.0022	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	OCPs	1	959-98-8	Endosulfan I	0.00089	0.000445	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	RSAS3	RSAS3009-0.5B	8/26/2009	PCBs	1	11104-28-2	Aroclor-1221	0.04	0.02	mg/kg	0.041	R4 Birds	**1**	0.5
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00088	0.00044	mg/kg	0.00015	R4 Inverts	6	3
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	OCPs	1	57-74-9	Chlordane (total)	0.0044	0.0022	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-2	RSAT6	RSAT6-0.5B	8/28/2009	OCPs	1	959-98-8	Endosulfan I	0.00088	0.00044	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	OCPs	1	8001-35-2	Toxaphene	0.019	0.0095	mg/kg	0.00015	R4 Inverts	100	60
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00094	0.00047	mg/kg	0.00015	R4 Inverts	6	3
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	OCPs	1	57-74-9	Chlordane (total)	0.0047	0.00235	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-2	RSAU4	RSAU4-0.5B	7/29/2009	OCPs	1	959-98-8	Endosulfan I	0.00094	0.00047	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OPPs	1	121-75-5	Malathion	0.0049	0.00245	mg/kg	0.00004	R4 Inverts	100	60
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OPPs	1	86-50-0	Guthion	0.0037	0.00185	mg/kg	0.00006	R4 Inverts	60	30
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OPPs	1	56-38-2	Parathion	0.0056	0.0028	mg/kg	0.00019	R4 Inverts	30	10
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00089	0.000445	mg/kg	0.00015	R4 Inverts	6	3
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.0069	0.00345	mg/kg	0.003	R4 Inverts	2	**1**
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OPPs	1	333-41-5	Diazinon	0.0078	0.0039	mg/kg	0.0037	R4 Inverts	2	**1**

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OCPs	1	57-74-9	Chlordane (total)	0.0045	0.00225	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	PCBs	1	11104-28-2	Aroclor-1221	0.041	0.0205	mg/kg	0.041	R4 Birds	**1**	0.5
DU-2	RSAU5	RSAU5-0.5B	8/5/2009	OCPs	1	959-98-8	Endosulfan I	0.00089	0.000445	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	SA02	SA2-0.5	11/3/2006	OPPs	1	121-75-5	Malathion	0.016	0.008	mg/kg	0.00004	R4 Inverts	400	200
DU-2	SA02	SA2-0.5	11/3/2006	OCPs	1	8001-35-2	Toxaphene	0.053	0.0265	mg/kg	0.00015	R4 Inverts	400	200
DU-2	SA02	SA2-0.5	11/3/2006	OPPs	1	86-50-0	Guthion	0.014	0.007	mg/kg	0.00006	R4 Inverts	200	100
DU-2	SA02	SA2-0.5	11/3/2006	OPPs	1	56-38-2	Parathion	0.019	0.0095	mg/kg	0.00019	R4 Inverts	100	50
DU-2	SA02	SA2-0.5	11/3/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0018	0.0009	mg/kg	0.00015	R4 Inverts	10	6
DU-2	SA02	SA2-0.5	11/3/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.021	0.0105	mg/kg	0.003	R4 Inverts	7	4
DU-2	SA02	SA2-0.5	11/3/2006	OPPs	1	333-41-5	Diazinon	0.023	0.0115	mg/kg	0.0037	R4 Inverts	6	3
DU-2	SA02	SA2-0.5	11/3/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-2	SA02	SA2-0.5	11/3/2006	OCPs	1	57-74-9	Chlordane (total)	0.011	0.0055	mg/kg	0.0029	R4 alpha-chlordane used as sur	4	2
DU-2	SA02	SA2-0.5	11/3/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	SA02	SA2-0.5	11/3/2006	OCPs	1	959-98-8	Endosulfan I	0.0018	0.0009	mg/kg	0.0009	R4 Inverts	2	**1**
DU-2	SA02	SA2-0.5	11/3/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-2	SA02	SA2-0.5	11/3/2006	OCPs	1	76-44-8	Heptachlor	0.0018	0.0009	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-2	SA02	SA2-0.5	11/3/2006	General Chemist	1	57-12-5	Cyanide (total)	0.13	0.065	mg/kg	0.098	R4 Birds	**1**	0.7
DU-2	SA07	SA7-0.5	11/20/2006	OPPs	1	121-75-5	Malathion	0.016	0.008	mg/kg	0.00004	R4 Inverts	400	200
DU-2	SA07	SA7-0.5	11/20/2006	OCPs	1	8001-35-2	Toxaphene	0.053	0.0265	mg/kg	0.00015	R4 Inverts	400	200
DU-2	SA07	SA7-0.5	11/20/2006	OPPs	1	86-50-0	Guthion	0.014	0.007	mg/kg	0.00006	R4 Inverts	200	100
DU-2	SA07	SA7-0.5	11/20/2006	OPPs	1	56-38-2	Parathion	0.019	0.0095	mg/kg	0.00019	R4 Inverts	100	50
DU-2	SA07	SA7-0.5	11/20/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0018	0.0009	mg/kg	0.00015	R4 Inverts	10	6
DU-2	SA07	SA7-0.5	11/20/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.021	0.0105	mg/kg	0.003	R4 Inverts	7	4
DU-2	SA07	SA7-0.5	11/20/2006	OPPs	1	333-41-5	Diazinon	0.023	0.0115	mg/kg	0.0037	R4 Inverts	6	3
DU-2	SA07	SA7-0.5	11/20/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-2	SA07	SA7-0.5	11/20/2006	OCPs	1	57-74-9	Chlordane (total)	0.011	0.0055	mg/kg	0.0029	R4 alpha-chlordane used as sur	4	2
DU-2	SA07	SA7-0.5	11/20/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	SA07	SA7-0.5	11/20/2006	OCPs	1	959-98-8	Endosulfan I	0.0018	0.0009	mg/kg	0.0009	R4 Inverts	2	**1**
DU-2	SA07	SA7-0.5	11/20/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-2	SA07	SA7-0.5	11/20/2006	OCPs	1	76-44-8	Heptachlor	0.0018	0.0009	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	8001-35-2	Toxaphene	0.18	0.09	mg/kg	0.00015	R4 Inverts	1000	600
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	1024-57-3	Heptachlor epoxide	0.009	0.0045	mg/kg	0.00015	R4 Inverts	60	30
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	1031-07-8	Endosulfan sulfate	0.018	0.009	mg/kg	0.0007	R4 Inverts	30	10
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	57-74-9	Chlordane (total)	0.045	0.0225	mg/kg	0.0029	R4 alpha-chlordane used as sur	20	8
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	7421-93-4	Endrin aldehyde	0.018	0.009	mg/kg	0.0014	R4 endrin used as surrogate	10	6
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	959-98-8	Endosulfan I	0.009	0.0045	mg/kg	0.0009	R4 Inverts	10	5
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	76-44-8	Heptachlor	0.009	0.0045	mg/kg	0.0016	R4 Inverts	6	3
DU-2	SA103	SA103-0.5B	10/6/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	60-57-1	Dieldrin	0.018	0.009	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	5103-71-9	alpha-Chlordane	0.009	0.0045	mg/kg	0.0029	R4 Inverts	3	2
DU-2	SA103	SA103-0.5B	10/6/2009	OCPs	10	58-89-9	gamma-BHC	0.009	0.0045	mg/kg	0.0031	R4 Inverts	3	**1**
DU-2	SA116	SA116-0.5B	9/2/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	SA121	SA121-0.5B	9/25/2009	OCPs	1	8001-35-2	Toxaphene	0.019	0.0095	mg/kg	0.00015	R4 Inverts	100	60
DU-2	SA121	SA121-0.5B	9/25/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00092	0.00046	mg/kg	0.00015	R4 Inverts	6	3
DU-2	SA121	SA121-0.5B	9/25/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	SA121	SA121-0.5B	9/25/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	SA121	SA121-0.5B	9/25/2009	OCPs	1	57-74-9	Chlordane (total)	0.0046	0.0023	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-2	SA121	SA121-0.5B	9/25/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	SA121	SA121-0.5B	9/25/2009	OCPs	1	959-98-8	Endosulfan I	0.00092	0.00046	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	SA121	SA121009-0.5B	9/25/2009	OCPs	1	8001-35-2	Toxaphene	0.019	0.0095	mg/kg	0.00015	R4 Inverts	100	60
DU-2	SA121	SA121009-0.5B	9/25/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00092	0.00046	mg/kg	0.00015	R4 Inverts	6	3
DU-2	SA121	SA121009-0.5B	9/25/2009	General Chemist	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-2	SA121	SA121009-0.5B	9/25/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	SA121	SA121009-0.5B	9/25/2009	OCPs	1	57-74-9	Chlordane (total)	0.0046	0.0023	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-2	SA121	SA121009-0.5B	9/25/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-2	SA121	SA121009-0.5B	9/25/2009	OCPs	1	959-98-8	Endosulfan I	0.00092	0.00046	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	SA138	SA138-0.5B	10/6/2009	OCPs	1	8001-35-2	Toxaphene	0.018	0.009	mg/kg	0.00015	R4 Inverts	100	60
DU-2	SA138	SA138-0.5B	10/6/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00089	0.000445	mg/kg	0.00015	R4 Inverts	6	3
DU-2	SA138	SA138-0.5B	10/6/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	SA138	SA138-0.5B	10/6/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-2	SA138	SA138-0.5B	10/6/2009	OCPs	1	57-74-9	Chlordane (total)	0.0045	0.00225	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-2	SA138	SA138-0.5B	10/6/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-2	SA138	SA138-0.5B	10/6/2009	OCPs	1	959-98-8	Endosulfan I	0.00089	0.000445	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	SA146	SA146-0.5B	8/4/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	SA147	SA147-0.5B	8/4/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	SA212	SA212-0.5B	9/28/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	SA28	SA28-0.5B	8/3/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-2	SA31	SA31-0.5B	9/9/2009	PCBs	1	11104-28-2	Aroclor-1221	0.041	0.0205	mg/kg	0.041	R4 Birds	**1**	0.5
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	8001-35-2	Toxaphene	0.58	0.29	mg/kg	0.00015	R4 Inverts	4000	2000
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.33	0.165	mg/kg	0.001	R4 Inverts	300	200
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	57-74-9	Chlordane (total)	0.18	0.09	mg/kg	0.0029	R4 alpha-chlordane used as sur	60	30
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	1024-57-3	Heptachlor epoxide	0.0093	0.00465	mg/kg	0.00015	R4 Inverts	60	30
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	76-44-8	Heptachlor	0.048	0.024	mg/kg	0.0016	R4 Inverts	30	20
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	100-51-6	Benzyl alcohol	0.034	0.017	mg/kg	0.002	R4 Inverts	20	9
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	1031-07-8	Endosulfan sulfate	0.0094	0.0047	mg/kg	0.0007	R4 Inverts	10	7
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	959-98-8	Endosulfan I	0.0067	0.00335	mg/kg	0.0009	R4 Inverts	7	4
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	7421-93-4	Endrin aldehyde	0.0086	0.0043	mg/kg	0.0014	R4 endrin used as surrogate	6	3
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.33	0.165	mg/kg	0.061	R4 Mammals	5	3
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	65-85-0	Benzoic acid	0.034	0.017	mg/kg	0.01	R4 Inverts	3	2
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	5103-71-9	alpha-Chlordane	0.008	0.004	mg/kg	0.0029	R4 Inverts	3	**1**
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	58-89-9	gamma-BHC	0.0067	0.00335	mg/kg	0.0031	R4 Inverts	2	**1**
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	88-74-4	2-Nitroaniline	0.034	0.017	mg/kg	0.02	R4 Inverts	2	0.9
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	67-72-1	Hexachloroethane	0.034	0.017	mg/kg	0.024	R4 Inverts	**1**	0.7
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	OCPs	80	60-57-1	Dieldrin	0.0059	0.00295	mg/kg	0.0049	Eco-SSL Mammals	**1**	0.6
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	95-48-7	2-Methylphenol	0.12	0.06	mg/kg	0.1	R4 Inverts	**1**	0.6
DU-2	TSB-GJ-03	TSB-GJ-03-0	11/19/2007	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.034	0.017	mg/kg	0.03	R4 Inverts	**1**	0.6
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	OCPs	10	8001-35-2	Toxaphene	0.078	0.039	mg/kg	0.00015	R4 Inverts	500	300
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.36	0.18	mg/kg	0.001	R4 Inverts	400	200
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	100-51-6	Benzyl alcohol	0.036	0.018	mg/kg	0.002	R4 Inverts	20	9
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	OCPs	10	1024-57-3	Heptachlor epoxide	0.0013	0.00065	mg/kg	0.00015	R4 Inverts	9	4
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	OCPs	10	57-74-9	Chlordane (total)	0.025	0.0125	mg/kg	0.0029	R4 alpha-chlordane used as sur	9	4
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.36	0.18	mg/kg	0.061	R4 Mammals	6	3
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	OCPs	10	76-44-8	Heptachlor	0.0064	0.0032	mg/kg	0.0016	R4 Inverts	4	2
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	65-85-0	Benzoic acid	0.036	0.018	mg/kg	0.01	R4 Inverts	4	2
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	OCPs	10	1031-07-8	Endosulfan sulfate	0.0013	0.00065	mg/kg	0.0007	R4 Inverts	2	0.9
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	88-74-4	2-Nitroaniline	0.036	0.018	mg/kg	0.02	R4 Inverts	2	0.9
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	67-72-1	Hexachloroethane	0.036	0.018	mg/kg	0.024	R4 Inverts	2	0.8

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	95-48-7	2-Methylphenol	0.13	0.065	mg/kg	0.1	R4 Inverts	**1**	0.7
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.036	0.018	mg/kg	0.03	R4 Inverts	**1**	0.6
DU-2	TSB-GJ-04	TSB-GJ-04-0	11/19/2007	OCPs	10	959-98-8	Endosulfan I	0.00091	0.000455	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.34	0.17	mg/kg	0.001	R4 Inverts	300	200
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	OCPs	1	8001-35-2	Toxaphene	0.0074	0.0037	mg/kg	0.00015	R4 Inverts	50	20
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	100-51-6	Benzyl alcohol	0.034	0.017	mg/kg	0.002	R4 Inverts	20	9
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	65-85-0	Benzoic acid	0.034	0.017	mg/kg	0.01	R4 Inverts	3	2
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	88-74-4	2-Nitroaniline	0.034	0.017	mg/kg	0.02	R4 Inverts	2	0.9
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	67-72-1	Hexachloroethane	0.034	0.017	mg/kg	0.024	R4 Inverts	**1**	0.7
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	95-48-7	2-Methylphenol	0.12	0.06	mg/kg	0.1	R4 Inverts	**1**	0.6
DU-2	TSB-GJ-05	TSB-GJ-05-0	11/19/2007	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.034	0.017	mg/kg	0.03	R4 Inverts	**1**	0.6
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.34	0.17	mg/kg	0.001	R4 Inverts	300	200
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	OCPs	1	8001-35-2	Toxaphene	0.0073	0.00365	mg/kg	0.00015	R4 Inverts	50	20
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	100-51-6	Benzyl alcohol	0.034	0.017	mg/kg	0.002	R4 Inverts	20	9
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	65-85-0	Benzoic acid	0.034	0.017	mg/kg	0.01	R4 Inverts	3	2
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	88-74-4	2-Nitroaniline	0.034	0.017	mg/kg	0.02	R4 Inverts	2	0.9
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	67-72-1	Hexachloroethane	0.034	0.017	mg/kg	0.024	R4 Inverts	**1**	0.7
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	95-48-7	2-Methylphenol	0.12	0.06	mg/kg	0.1	R4 Inverts	**1**	0.6
DU-2	TSB-GR-02	TSB-GR-02-0	11/19/2007	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.034	0.017	mg/kg	0.03	R4 Inverts	**1**	0.6
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.35	0.175	mg/kg	0.001	R4 Inverts	400	200
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.034	0.017	mg/kg	0.03	R4 Inverts	**1**	0.6
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	OCPs	1	8001-35-2	Toxaphene	0.0075	0.00375	mg/kg	0.00015	R4 Inverts	50	30
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	100-51-6	Benzyl alcohol	0.035	0.0175	mg/kg	0.002	R4 Inverts	20	9
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.35	0.175	mg/kg	0.061	R4 Mammals	6	3
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	65-85-0	Benzoic acid	0.035	0.0175	mg/kg	0.01	R4 Inverts	4	2
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	88-74-4	2-Nitroaniline	0.035	0.0175	mg/kg	0.02	R4 Inverts	2	0.9
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	67-72-1	Hexachloroethane	0.035	0.0175	mg/kg	0.024	R4 Inverts	**1**	0.7
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	95-48-7	2-Methylphenol	0.13	0.065	mg/kg	0.1	R4 Inverts	**1**	0.7
DU-2	TSB-GR-02	TSB-GR-02-0-FD	11/19/2007	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.035	0.0175	mg/kg	0.03	R4 Inverts	**1**	0.6
DU-3	SA128	SA128-10B	9/16/2009	OCPs	1	8001-35-2	Toxaphene	0.019	0.0095	mg/kg	0.00015	R4 Inverts	100	60
DU-3	SA128	SA128-10B	9/16/2009	OPPs	1	121-75-5	Malathion	0.005	0.0025	mg/kg	0.00004	R4 Inverts	100	60
DU-3	SA128	SA128-10B	9/16/2009	OPPs	1	86-50-0	Guthion	0.0038	0.0019	mg/kg	0.00006	R4 Inverts	60	30
DU-3	SA128	SA128-10B	9/16/2009	OPPs	1	56-38-2	Parathion	0.0057	0.00285	mg/kg	0.00019	R4 Inverts	30	20
DU-3	SA128	SA128-10B	9/16/2009	OCPs	1	1024-57-3	Heptachlor epoxide	0.00091	0.000455	mg/kg	0.00015	R4 Inverts	6	3
DU-3	SA128	SA128-10B	9/16/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-3	SA128	SA128-10B	9/16/2009	OCPs	1	1031-07-8	Endosulfan sulfate	0.0019	0.00095	mg/kg	0.0007	R4 Inverts	3	**1**
DU-3	SA128	SA128-10B	9/16/2009	OPPs	1	2921-88-2	Chlorpyrifos	0.007	0.0035	mg/kg	0.003	R4 Inverts	2	**1**
DU-3	SA128	SA128-10B	9/16/2009	OPPs	1	333-41-5	Diazinon	0.0079	0.00395	mg/kg	0.0037	R4 Inverts	2	**1**
DU-3	SA128	SA128-10B	9/16/2009	OCPs	1	57-74-9	Chlordane (total)	0.0046	0.0023	mg/kg	0.0029	R4 alpha-chlordane used as sur	2	0.8
DU-3	SA128	SA128-10B	9/16/2009	OCPs	1	7421-93-4	Endrin aldehyde	0.0019	0.00095	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.7
DU-3	SA128	SA128-10B	9/16/2009	PCBs	1	11104-28-2	Aroclor-1221	0.042	0.021	mg/kg	0.041	R4 Birds	**1**	0.5
DU-3	SA128	SA128-10B	9/16/2009	OCPs	1	959-98-8	Endosulfan I	0.00091	0.000455	mg/kg	0.0009	R4 Inverts	**1**	0.5
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	8001-35-2	Toxaphene	0.59	0.295	mg/kg	0.00015	R4 Inverts	4000	2000
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	1024-57-3	Heptachlor epoxide	0.02	0.01	mg/kg	0.00015	R4 Inverts	100	70
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	57-74-9	Chlordane (total)	0.12	0.06	mg/kg	0.0029	R4 alpha-chlordane used as sur	40	20
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	1031-07-8	Endosulfan sulfate	0.02	0.01	mg/kg	0.0007	R4 Inverts	30	10
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	959-98-8	Endosulfan I	0.02	0.01	mg/kg	0.0009	R4 Inverts	20	10
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	7421-93-4	Endrin aldehyde	0.02	0.01	mg/kg	0.0014	R4 endrin used as surrogate	10	7

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	76-44-8	Heptachlor	0.02	0.01	mg/kg	0.0016	R4 Inverts	10	6
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	5103-71-9	alpha-Chlordane	0.02	0.01	mg/kg	0.0029	R4 Inverts	7	3
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	58-89-9	gamma-BHC	0.02	0.01	mg/kg	0.0031	R4 Inverts	6	3
DU-3	SA15	SA15-10	11/8/2006	VOCs	1	74-83-9	Bromomethane	0.012	0.006	mg/kg	0.002	R4 Inverts	6	3
DU-3	SA15	SA15-10	11/8/2006	OCPs	10	60-57-1	Dieldrin	0.02	0.01	mg/kg	0.0049	Eco-SSL Mammals	4	2
DU-3	SA15	SA15-10	11/8/2006	General Chemist	1	57-12-5	Cyanide (total)	0.14	0.07	mg/kg	0.098	R4 Birds	**1**	0.7
DU-3	SA15	SA15-10	11/8/2006	PCBs	1	12674-11-2	Aroclor-1016	0.039	0.0195	mg/kg	0.041	R4 Birds	**1**	0.5
DU-3	SA15	SA15-10	11/8/2006	PCBs	1	11104-28-2	Aroclor-1221	0.039	0.0195	mg/kg	0.041	R4 Birds	**1**	0.5
DU-3	SA15	SA15-10	11/8/2006	PCBs	1	11141-16-5	Aroclor-1232	0.039	0.0195	mg/kg	0.041	R4 Birds	**1**	0.5
DU-3	SA15	SA15-10	11/8/2006	PCBs	1	53469-21-9	Aroclor-1242	0.039	0.0195	mg/kg	0.041	R4 Birds	**1**	0.5
DU-3	SA15	SA15-10	11/8/2006	PCBs	1	12672-29-6	Aroclor-1248	0.039	0.0195	mg/kg	0.041	R4 Birds	**1**	0.5
DU-3	SA15	SA15-10	11/8/2006	PCBs	1	11097-69-1	Aroclor-1254	0.039	0.0195	mg/kg	0.041	R4 Birds	**1**	0.5
DU-3	SA15	SA15-10D	11/8/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-3	SA15	SA15-10D	11/8/2006	General Chemist	1	57-12-5	Cyanide (total)	0.13	0.065	mg/kg	0.098	R4 Birds	**1**	0.7
DU-3	SA16	SA16-0.5	11/9/2006	OPPs	1	121-75-5	Malathion	0.016	0.008	mg/kg	0.00004	R4 Inverts	400	200
DU-3	SA16	SA16-0.5	11/9/2006	OCPs	1	8001-35-2	Toxaphene	0.053	0.0265	mg/kg	0.00015	R4 Inverts	400	200
DU-3	SA16	SA16-0.5	11/9/2006	OPPs	1	86-50-0	Guthion	0.014	0.007	mg/kg	0.00006	R4 Inverts	200	100
DU-3	SA16	SA16-0.5	11/9/2006	OPPs	1	56-38-2	Parathion	0.019	0.0095	mg/kg	0.00019	R4 Inverts	100	50
DU-3	SA16	SA16-0.5	11/9/2006	OCPs	1	1024-57-3	Heptachlor epoxide	0.0018	0.0009	mg/kg	0.00015	R4 Inverts	10	6
DU-3	SA16	SA16-0.5	11/9/2006	OPPs	1	2921-88-2	Chlorpyrifos	0.021	0.0105	mg/kg	0.003	R4 Inverts	7	4
DU-3	SA16	SA16-0.5	11/9/2006	OPPs	1	333-41-5	Diazinon	0.023	0.0115	mg/kg	0.0037	R4 Inverts	6	3
DU-3	SA16	SA16-0.5	11/9/2006	VOCs	1	74-83-9	Bromomethane	0.011	0.0055	mg/kg	0.002	R4 Inverts	6	3
DU-3	SA16	SA16-0.5	11/9/2006	General Chemist	1	57-12-5	Cyanide (total)	0.53	0.265	mg/kg	0.098	R4 Birds	5	3
DU-3	SA16	SA16-0.5	11/9/2006	OCPs	1	57-74-9	Chlordane (total)	0.011	0.0055	mg/kg	0.0029	R4 alpha-chlordane used as sur	4	2
DU-3	SA16	SA16-0.5	11/9/2006	OCPs	1	1031-07-8	Endosulfan sulfate	0.0018	0.0009	mg/kg	0.0007	R4 Inverts	3	**1**
DU-3	SA16	SA16-0.5	11/9/2006	OCPs	1	959-98-8	Endosulfan I	0.0018	0.0009	mg/kg	0.0009	R4 Inverts	2	**1**
DU-3	SA16	SA16-0.5	11/9/2006	OCPs	1	7421-93-4	Endrin aldehyde	0.0018	0.0009	mg/kg	0.0014	R4 endrin used as surrogate	**1**	0.6
DU-3	SA16	SA16-0.5	11/9/2006	OCPs	1	76-44-8	Heptachlor	0.0018	0.0009	mg/kg	0.0016	R4 Inverts	**1**	0.6
DU-3	SA197	SA197-0.5B	6/19/2009	General Chemist	1	57-12-5	Cyanide (total)	0.5	0.25	mg/kg	0.098	R4 Birds	5	3
DU-3	SA64	SA64-0.5B	6/19/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-3	SA65	SA65-10B	8/25/2009	General Chemist	1	57-12-5	Cyanide (total)	0.42	0.21	mg/kg	0.098	R4 Birds	4	2
DU-3	SSAM5-03	SSAM5-03-5BPC	5/4/2010	OCPs	5	8001-35-2	Toxaphene	0.094	0.047	mg/kg	0.00015	R4 Inverts	600	300
DU-3	SSAM5-03	SSAM5-03-5BPC	5/4/2010	OCPs	5	1024-57-3	Heptachlor epoxide	0.0025	0.00125	mg/kg	0.00015	R4 Inverts	20	8
DU-3	SSAM5-03	SSAM5-03-5BPC	5/4/2010	OCPs	5	1031-07-8	Endosulfan sulfate	0.0016	0.0008	mg/kg	0.0007	R4 Inverts	2	**1**
DU-3	SSAM5-03	SSAM5-03-5BPC	5/4/2010	OCPs	5	959-98-8	Endosulfan I	0.001	0.0005	mg/kg	0.0009	R4 Inverts	**1**	0.6
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.34	0.17	mg/kg	0.001	R4 Inverts	300	200
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	OCPs	1	8001-35-2	Toxaphene	0.0074	0.0037	mg/kg	0.00015	R4 Inverts	50	20
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	100-51-6	Benzyl alcohol	0.034	0.017	mg/kg	0.002	R4 Inverts	20	9
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.34	0.17	mg/kg	0.061	R4 Mammals	6	3
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	65-85-0	Benzoic acid	0.034	0.017	mg/kg	0.01	R4 Inverts	3	2
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	88-74-4	2-Nitroaniline	0.034	0.017	mg/kg	0.02	R4 Inverts	2	0.9
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	67-72-1	Hexachloroethane	0.034	0.017	mg/kg	0.024	R4 Inverts	**1**	0.7
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	95-48-7	2-Methylphenol	0.12	0.06	mg/kg	0.1	R4 Inverts	**1**	0.6
DU-3	TSB-GJ-02	TSB-GJ-02-0	11/19/2007	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.034	0.017	mg/kg	0.03	R4 Inverts	**1**	0.6
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.35	0.175	mg/kg	0.001	R4 Inverts	400	200
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	OCPs	1	8001-35-2	Toxaphene	0.0076	0.0038	mg/kg	0.00015	R4 Inverts	50	30
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	100-51-6	Benzyl alcohol	0.035	0.0175	mg/kg	0.002	R4 Inverts	20	9
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	51-28-5	2,4-Dinitrophenol	0.35	0.175	mg/kg	0.061	R4 Mammals	6	3
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	65-85-0	Benzoic acid	0.035	0.0175	mg/kg	0.01	R4 Inverts	4	2

TABLE J-2c: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Operations Area[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	88-74-4	2-Nitroaniline	0.035	0.0175	mg/kg	0.02	R4 Inverts	2	0.9
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	67-72-1	Hexachloroethane	0.035	0.0175	mg/kg	0.024	R4 Inverts	**1**	0.7
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	95-48-7	2-Methylphenol	0.13	0.065	mg/kg	0.1	R4 Inverts	**1**	0.7
DU-3	TSB-GJ-02	TSB-GJ-02-0-FD	11/19/2007	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.035	0.0175	mg/kg	0.03	R4 Inverts	**1**	0.6

Notes:

a. Only samples with eatios of SQL/ESV greater than or equal to 1 are shown.

-- = No value
DU = Ecological Decision Unit
Eco-SSL = Ecological soil screening level (USEPA 2007)
ESV = Ecological screening value
LANL = Los Alamos National Laboratory (LANL 2018)
mg/kg = Milligram per kilogram
R4 = USEPA Region 4 (USEPA R4 2018)
SQL or 1/2 SQL = Sample quantitation limit or one-half sample quantitation limit
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1000	100 < HQ

USEPA 2007: USEPA. 2007. Ecological Soil Screening Levels. http://www.epa.gov/oswer/riskassessment/ecorisk/ecossl.htm.
USEPA 2018: USEPA Region 4. 2018. "Region 4 Ecological Risk Assessment Supplemental Guidance". March.

TABLE J-2d: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Parcel E[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.32	0.16	mg/kg	0.001	R4 Inverts	300	200
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	100-51-6	Benzyl alcohol	0.42	0.21	mg/kg	0.002	R4 Inverts	200	100
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OPPs	1	121-75-5	Malathion	0.0045	0.00225	mg/kg	0.00004	R4 Inverts	100	60
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OPPs	1	86-50-0	Guthion	0.0034	0.0017	mg/kg	0.00006	R4 Inverts	60	30
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	65-85-0	Benzoic acid	0.49	0.245	mg/kg	0.01	R4 Inverts	50	20
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OPPs	1	56-38-2	Parathion	0.0051	0.00255	mg/kg	0.00019	R4 Inverts	30	10
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	51-28-5	2,4-Dinitrophenol	1	0.5	mg/kg	0.061	R4 Mammals	20	8
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	1024-57-3	Heptachlor epoxide	0.002	0.001	mg/kg	0.00015	R4 Inverts	10	7
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	88-74-4	2-Nitroaniline	0.17	0.085	mg/kg	0.02	R4 Inverts	9	4
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	84-74-2	Di-n-butylphthalate	0.092	0.046	mg/kg	0.011	R4 Birds	8	4
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	Metals	20	7440-28-0	Thallium	0.26	0.13	mg/kg	0.05	R4 Plants	5	3
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	319-84-6	alpha-BHC	0.0015	0.00075	mg/kg	0.0003	R4 Inverts	5	3
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	117-81-7	bis(2-Ethylhexyl)phthalate	0.092	0.046	mg/kg	0.02	R4 Birds	5	2
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	67-72-1	Hexachloroethane	0.072	0.036	mg/kg	0.024	R4 Inverts	3	2
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OPPs	1	122-34-9	Simazine	0.021	0.0105	mg/kg	0.0083	R4 Inverts	3	**1**
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OPPs	1	2921-88-2	Chlorpyrifos	0.0062	0.0031	mg/kg	0.003	R4 Inverts	2	**1**
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OPPs	1	333-41-5	Diazinon	0.007	0.0035	mg/kg	0.0037	R4 Inverts	2	0.9
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	76-44-8	Heptachlor	0.002	0.001	mg/kg	0.0016	R4 Inverts	**1**	0.6
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	SVOCs	1	95-57-8	2-Chlorophenol	0.072	0.036	mg/kg	0.06	R4 Inverts	**1**	0.6
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	72-20-8	Endrin	0.0015	0.00075	mg/kg	0.0014	R4 Birds	**1**	0.5
Parcel E	RISB-EJ-01	RISB-EJ-01-1.0-20180926	9/26/2018	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surro	**1**	0.5
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.32	0.16	mg/kg	0.001	R4 Inverts	300	200
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	100-51-6	Benzyl alcohol	0.42	0.21	mg/kg	0.002	R4 Inverts	200	100
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OPPs	1	121-75-5	Malathion	0.0046	0.0023	mg/kg	0.00004	R4 Inverts	100	60
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OPPs	1	86-50-0	Guthion	0.0035	0.00175	mg/kg	0.00006	R4 Inverts	60	30
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	65-85-0	Benzoic acid	0.48	0.24	mg/kg	0.01	R4 Inverts	50	20
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OPPs	1	56-38-2	Parathion	0.0053	0.00265	mg/kg	0.00019	R4 Inverts	30	10
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	51-28-5	2,4-Dinitrophenol	1	0.5	mg/kg	0.061	R4 Mammals	20	8
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	1024-57-3	Heptachlor epoxide	0.002	0.001	mg/kg	0.00015	R4 Inverts	10	7
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	88-74-4	2-Nitroaniline	0.17	0.085	mg/kg	0.02	R4 Inverts	9	4
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	84-74-2	Di-n-butylphthalate	0.091	0.0455	mg/kg	0.011	R4 Birds	8	4
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	319-84-6	alpha-BHC	0.0015	0.00075	mg/kg	0.0003	R4 Inverts	5	3
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	Metals	20	7440-28-0	Thallium	0.25	0.125	mg/kg	0.05	R4 Plants	5	3
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	117-81-7	bis(2-Ethylhexyl)phthalate	0.091	0.0455	mg/kg	0.02	R4 Birds	5	2
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	67-72-1	Hexachloroethane	0.071	0.0355	mg/kg	0.024	R4 Inverts	3	**1**
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	1031-07-8	Endosulfan sulfate	0.002	0.001	mg/kg	0.0007	R4 Inverts	3	**1**
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OPPs	1	2921-88-2	Chlorpyrifos	0.0064	0.0032	mg/kg	0.003	R4 Inverts	2	**1**

TABLE J-2d: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Parcel E[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OPPs	1	333-41-5	Diazinon	0.0072	0.0036	mg/kg	0.0037	R4 Inverts	2	**1**
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.068	0.034	mg/kg	0.05	R4 Inverts	**1**	0.7
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	76-44-8	Heptachlor	0.002	0.001	mg/kg	0.0016	R4 Inverts	**1**	0.6
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	SVOCs	1	95-57-8	2-Chlorophenol	0.071	0.0355	mg/kg	0.06	R4 Inverts	**1**	0.6
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	72-20-8	Endrin	0.0015	0.00075	mg/kg	0.0014	R4 Birds	**1**	0.5
Parcel E	RISB-EJ-02	RISB-EJ-02-1.0-20180924	9/24/2018	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surro	**1**	0.5
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.32	0.16	mg/kg	0.001	R4 Inverts	300	200
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	100-51-6	Benzyl alcohol	0.42	0.21	mg/kg	0.002	R4 Inverts	200	100
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	65-85-0	Benzoic acid	0.49	0.245	mg/kg	0.01	R4 Inverts	50	20
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	51-28-5	2,4-Dinitrophenol	1	0.5	mg/kg	0.061	R4 Mammals	20	8
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	88-74-4	2-Nitroaniline	0.18	0.09	mg/kg	0.02	R4 Inverts	9	5
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	84-74-2	Di-n-butylphthalate	0.093	0.0465	mg/kg	0.011	R4 Birds	8	4
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	Metals	20	7440-28-0	Thallium	0.26	0.13	mg/kg	0.05	R4 Plants	5	3
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	319-84-6	alpha-BHC	0.0015	0.00075	mg/kg	0.0003	R4 Inverts	5	3
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	117-81-7	bis(2-Ethylhexyl)phthalate	0.093	0.0465	mg/kg	0.02	R4 Birds	5	2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	67-72-1	Hexachloroethane	0.072	0.036	mg/kg	0.024	R4 Inverts	3	2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OPPs	1	333-41-5	Diazinon	0.0074	0.0037	mg/kg	0.0037	R4 Inverts	2	**1**
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	SVOCs	1	95-57-8	2-Chlorophenol	0.072	0.036	mg/kg	0.06	R4 Inverts	**1**	0.6
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	72-20-8	Endrin	0.0015	0.00075	mg/kg	0.0014	R4 Birds	**1**	0.5
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925	9/25/2018	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surro	**1**	0.5
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.32	0.16	mg/kg	0.001	R4 Inverts	300	200
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	100-51-6	Benzyl alcohol	0.42	0.21	mg/kg	0.002	R4 Inverts	200	100
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OPPs	1	121-75-5	Malathion	0.0048	0.0024	mg/kg	0.00004	R4 Inverts	100	60
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	65-85-0	Benzoic acid	0.49	0.245	mg/kg	0.01	R4 Inverts	50	20
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	51-28-5	2,4-Dinitrophenol	1	0.5	mg/kg	0.061	R4 Mammals	20	8
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	88-74-4	2-Nitroaniline	0.17	0.085	mg/kg	0.02	R4 Inverts	9	4
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	84-74-2	Di-n-butylphthalate	0.092	0.046	mg/kg	0.011	R4 Birds	8	4
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	319-84-6	alpha-BHC	0.0015	0.00075	mg/kg	0.0003	R4 Inverts	5	3
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3

TABLE J-2d: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Parcel E[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	Metals	20	7440-28-0	Thallium	0.25	0.125	mg/kg	0.05	R4 Plants	5	3
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	117-81-7	bis(2-Ethylhexyl)phthalate	0.092	0.046	mg/kg	0.02	R4 Birds	5	2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	67-72-1	Hexachloroethane	0.072	0.036	mg/kg	0.024	R4 Inverts	3	2
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OPPs	1	333-41-5	Diazinon	0.0075	0.00375	mg/kg	0.0037	R4 Inverts	2	**1**
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	SVOCs	1	95-57-8	2-Chlorophenol	0.072	0.036	mg/kg	0.06	R4 Inverts	**1**	0.6
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	72-20-8	Endrin	0.0015	0.00075	mg/kg	0.0014	R4 Birds	**1**	0.5
Parcel E	RISB-EJ-03	RISB-EJ-03-1.0-20180925-FD	9/25/2018	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surro	**1**	0.5
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	8001-35-2	Toxaphene	0.053	0.0265	mg/kg	0.00015	R4 Inverts	400	200
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.33	0.165	mg/kg	0.001	R4 Inverts	300	200
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	100-51-6	Benzyl alcohol	0.44	0.22	mg/kg	0.002	R4 Inverts	200	100
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OPPs	1	121-75-5	Malathion	0.0047	0.00235	mg/kg	0.00004	R4 Inverts	100	60
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OPPs	1	86-50-0	Guthion	0.0036	0.0018	mg/kg	0.00006	R4 Inverts	60	30
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	65-85-0	Benzoic acid	0.5	0.25	mg/kg	0.01	R4 Inverts	50	30
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OPPs	1	56-38-2	Parathion	0.0054	0.0027	mg/kg	0.00019	R4 Inverts	30	10
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	51-28-5	2,4-Dinitrophenol	1.1	0.55	mg/kg	0.061	R4 Mammals	20	9
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	88-74-4	2-Nitroaniline	0.18	0.09	mg/kg	0.02	R4 Inverts	9	5
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	84-74-2	Di-n-butylphthalate	0.096	0.048	mg/kg	0.011	R4 Birds	9	4
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	319-84-6	alpha-BHC	0.0016	0.0008	mg/kg	0.0003	R4 Inverts	5	3
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	Metals	20	7440-28-0	Thallium	0.26	0.13	mg/kg	0.05	R4 Plants	5	3
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	117-81-7	bis(2-Ethylhexyl)phthalate	0.096	0.048	mg/kg	0.02	R4 Birds	5	2
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	67-72-1	Hexachloroethane	0.074	0.037	mg/kg	0.024	R4 Inverts	3	2
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OPPs	1	122-34-9	Simazine	0.023	0.0115	mg/kg	0.0083	R4 Inverts	3	**1**
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OPPs	1	2921-88-2	Chlorpyrifos	0.0066	0.0033	mg/kg	0.003	R4 Inverts	2	**1**
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OPPs	1	333-41-5	Diazinon	0.0074	0.0037	mg/kg	0.0037	R4 Inverts	2	**1**
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.071	0.0355	mg/kg	0.05	R4 Inverts	**1**	0.7
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	95-57-8	2-Chlorophenol	0.074	0.037	mg/kg	0.06	R4 Inverts	**1**	0.6
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	72-20-8	Endrin	0.0016	0.0008	mg/kg	0.0014	R4 Birds	**1**	0.6
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surro	**1**	0.6
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	VOCs	1	74-83-9	Bromomethane	0.0022	0.0011	mg/kg	0.002	R4 Inverts	**1**	0.6
Parcel E	RISB-EJ-04	RISB-EJ-04-1.0-20180925	9/25/2018	SVOCs	1	132-64-9	Dibenzofuran	0.15	0.075	mg/kg	0.15	R4 Inverts	**1**	0.5
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.32	0.16	mg/kg	0.001	R4 Inverts	300	200
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	100-51-6	Benzyl alcohol	0.43	0.215	mg/kg	0.002	R4 Inverts	200	100
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OPPs	1	121-75-5	Malathion	0.0046	0.0023	mg/kg	0.00004	R4 Inverts	100	60

TABLE J-2d: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Parcel E[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OPPs	1	86-50-0	Guthion	0.0035	0.00175	mg/kg	0.00006	R4 Inverts	60	30
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	65-85-0	Benzoic acid	0.49	0.245	mg/kg	0.01	R4 Inverts	50	20
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OPPs	1	56-38-2	Parathion	0.0053	0.00265	mg/kg	0.00019	R4 Inverts	30	10
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	51-28-5	2,4-Dinitrophenol	1	0.5	mg/kg	0.061	R4 Mammals	20	8
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	88-74-4	2-Nitroaniline	0.18	0.09	mg/kg	0.02	R4 Inverts	9	5
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	84-74-2	Di-n-butylphthalate	0.094	0.047	mg/kg	0.011	R4 Birds	9	4
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.16	0.08	mg/kg	0.03	R4 Inverts	5	3
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	319-84-6	alpha-BHC	0.0016	0.0008	mg/kg	0.0003	R4 Inverts	5	3
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	Metals	20	7440-28-0	Thallium	0.26	0.13	mg/kg	0.05	R4 Plants	5	3
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	117-81-7	bis(2-Ethylhexyl)phthalate	0.094	0.047	mg/kg	0.02	R4 Birds	5	2
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.14	0.07	mg/kg	0.04	R4 Inverts	4	2
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	67-72-1	Hexachloroethane	0.073	0.0365	mg/kg	0.024	R4 Inverts	3	2
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OPPs	1	2921-88-2	Chlorpyrifos	0.0064	0.0032	mg/kg	0.003	R4 Inverts	2	**1**
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OPPs	1	333-41-5	Diazinon	0.0072	0.0036	mg/kg	0.0037	R4 Inverts	2	**1**
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	959-98-8	Endosulfan I	0.0016	0.0008	mg/kg	0.0009	R4 Inverts	2	0.9
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.07	0.035	mg/kg	0.05	R4 Inverts	**1**	0.7
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	95-57-8	2-Chlorophenol	0.073	0.0365	mg/kg	0.06	R4 Inverts	**1**	0.6
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	72-20-8	Endrin	0.0016	0.0008	mg/kg	0.0014	R4 Birds	**1**	0.6
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	OCPs	1	7421-93-4	Endrin aldehyde	0.0016	0.0008	mg/kg	0.0014	R4 endrin used as surro	**1**	0.6
Parcel E	RISB-ER-01	RISB-ER-01-1.0-20180925	9/25/2018	SVOCs	1	132-64-9	Dibenzofuran	0.15	0.075	mg/kg	0.15	R4 Inverts	**1**	0.5
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	8001-35-2	Toxaphene	0.051	0.0255	mg/kg	0.00015	R4 Inverts	300	200
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.32	0.16	mg/kg	0.001	R4 Inverts	300	200
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	100-51-6	Benzyl alcohol	0.42	0.21	mg/kg	0.002	R4 Inverts	200	100
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OPPs	1	121-75-5	Malathion	0.0045	0.00225	mg/kg	0.00004	R4 Inverts	100	60
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OPPs	1	86-50-0	Guthion	0.0034	0.0017	mg/kg	0.00006	R4 Inverts	60	30
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	65-85-0	Benzoic acid	0.49	0.245	mg/kg	0.01	R4 Inverts	50	20
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OPPs	1	56-38-2	Parathion	0.0052	0.0026	mg/kg	0.00019	R4 Inverts	30	10
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	51-28-5	2,4-Dinitrophenol	1	0.5	mg/kg	0.061	R4 Mammals	20	8
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	88-74-4	2-Nitroaniline	0.18	0.09	mg/kg	0.02	R4 Inverts	9	5
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	84-74-2	Di-n-butylphthalate	0.093	0.0465	mg/kg	0.011	R4 Birds	8	4
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	Metals	20	7440-28-0	Thallium	0.26	0.13	mg/kg	0.05	R4 Plants	5	3
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	319-84-6	alpha-BHC	0.0015	0.00075	mg/kg	0.0003	R4 Inverts	5	3
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	117-81-7	bis(2-Ethylhexyl)phthalate	0.093	0.0465	mg/kg	0.02	R4 Birds	5	2
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	67-72-1	Hexachloroethane	0.072	0.036	mg/kg	0.024	R4 Inverts	3	2
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OPPs	1	2921-88-2	Chlorpyrifos	0.0063	0.00315	mg/kg	0.003	R4 Inverts	2	**1**
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OPPs	1	333-41-5	Diazinon	0.0071	0.00355	mg/kg	0.0037	R4 Inverts	2	**1**
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7

TABLE J-2d: Location-Specific Evaluation of Sample Quantitation Limits that Exceed Ecological Screening Values for Chemicals Not Detected Sorted by Location: Parcel E[a]
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Location	Sample ID	Sample Date	Group	Dilution Factor	CASRN	Chemical Name	SQL	1/2 SQL	Units	ESV	ESV Source	Ratio of SQL/ESV	Ratio of 1/2 SQL/ESV
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	SVOCs	1	95-57-8	2-Chlorophenol	0.072	0.036	mg/kg	0.06	R4 Inverts	**1**	0.6
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	72-20-8	Endrin	0.0015	0.00075	mg/kg	0.0014	R4 Birds	**1**	0.5
Parcel E	RISB-ER-02	RISB-ER-02-1.0-20180924	9/24/2018	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surro	**1**	0.5
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	8001-35-2	Toxaphene	0.052	0.026	mg/kg	0.00015	R4 Inverts	300	200
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	77-47-4	Hexachlorocyclopentadiene	0.32	0.16	mg/kg	0.001	R4 Inverts	300	200
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OPPs	1	1912-24-9	Atrazine	0.012	0.006	mg/kg	0.00005	R4 Inverts	200	100
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	100-51-6	Benzyl alcohol	0.42	0.21	mg/kg	0.002	R4 Inverts	200	100
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OPPs	1	121-75-5	Malathion	0.0047	0.00235	mg/kg	0.00004	R4 Inverts	100	60
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OPPs	1	86-50-0	Guthion	0.0035	0.00175	mg/kg	0.00006	R4 Inverts	60	30
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	65-85-0	Benzoic acid	0.49	0.245	mg/kg	0.01	R4 Inverts	50	20
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OPPs	1	56-38-2	Parathion	0.0053	0.00265	mg/kg	0.00019	R4 Inverts	30	10
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	51-28-5	2,4-Dinitrophenol	1	0.5	mg/kg	0.061	R4 Mammals	20	8
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	1024-57-3	Heptachlor epoxide	0.0021	0.00105	mg/kg	0.00015	R4 Inverts	10	7
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	88-74-4	2-Nitroaniline	0.18	0.09	mg/kg	0.02	R4 Inverts	9	5
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	84-74-2	Di-n-butylphthalate	0.093	0.0465	mg/kg	0.011	R4 Birds	8	4
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	319-84-6	alpha-BHC	0.0015	0.00075	mg/kg	0.0003	R4 Inverts	5	3
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	91-94-1	3,3'-Dichlorobenzidine	0.15	0.075	mg/kg	0.03	R4 Inverts	5	3
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	Metals	20	7440-28-0	Thallium	0.25	0.125	mg/kg	0.05	R4 Plants	5	3
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	117-81-7	bis(2-Ethylhexyl)phthalate	0.093	0.0465	mg/kg	0.02	R4 Birds	5	2
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	105-67-9	2,4-Dimethylphenol	0.13	0.065	mg/kg	0.04	R4 Inverts	3	2
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	1031-07-8	Endosulfan sulfate	0.0021	0.00105	mg/kg	0.0007	R4 Inverts	3	2
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	67-72-1	Hexachloroethane	0.072	0.036	mg/kg	0.024	R4 Inverts	3	2
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OPPs	1	122-34-9	Simazine	0.022	0.011	mg/kg	0.0083	R4 Inverts	3	**1**
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OPPs	1	2921-88-2	Chlorpyrifos	0.0065	0.00325	mg/kg	0.003	R4 Inverts	2	**1**
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OPPs	1	333-41-5	Diazinon	0.0073	0.00365	mg/kg	0.0037	R4 Inverts	2	**1**
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	959-98-8	Endosulfan I	0.0015	0.00075	mg/kg	0.0009	R4 Inverts	2	0.8
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	120-83-2	2,4-Dichlorophenol	0.069	0.0345	mg/kg	0.05	R4 Inverts	**1**	0.7
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	76-44-8	Heptachlor	0.0021	0.00105	mg/kg	0.0016	R4 Inverts	**1**	0.7
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	SVOCs	1	95-57-8	2-Chlorophenol	0.072	0.036	mg/kg	0.06	R4 Inverts	**1**	0.6
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	72-20-8	Endrin	0.0015	0.00075	mg/kg	0.0014	R4 Birds	**1**	0.5
Parcel E	RISB-ER-03	RISB-ER-03-1.0-20180925	9/25/2018	OCPs	1	7421-93-4	Endrin aldehyde	0.0015	0.00075	mg/kg	0.0014	R4 endrin used as surro	**1**	0.5

Notes:

a. Only samples with eatios of SQL/ESV greater than or equal to 1 are shown.

DU = Ecological Decision Unit
Eco-SSL = Ecological soil screening level (USEPA 2007)
ESV = Ecological screening value
LANL = Los Alamos National Laboratory (LANL 2018)
mg/kg = Milligram per kilogram
ORNL = Oak Ridge National Laboratory
R4 = USEPA Region 4 (USEPA R4 2018)
SQL or 1/2 SQL = Sample quantitation limit or one-half sample quantitation limit
TRV = Toxicity reference value

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1000	100 < HQ

USEPA 2018: USEPA Region 4. 2018. "Region 4 Ecological Risk Assessment Supplemental Guidance". March.

TABLE J-2e: Summary of Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values, Sorted Highest to Lowest: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Group	Chemical Name	ESV[a,b]	Sample Count	Minimum SQL[c]	Maximum SQL[c]	# of SQLs Exceed	Fraction of Exceedances	Minimum SQL HQ	Maximum SQL HQ
Operations Area	OCPs	Toxaphene	0.00015	126	0.0073	1.8	126	100%	50	10000
Operations Area	SVOCs	Hexachlorocyclopentadiene	0.001	46	0.13	4.1	46	100%	100	4000
Operations Area	SVOCs	Benzyl alcohol	0.002	46	0.034	4.6	46	100%	20	2000
Operations Area	SVOCs	Benzoic acid	0.01	45	0.034	10	45	100%	3	1000
Operations Area	OPPs	Malathion	0.00004	50	0.0044	0.019	50	100%	100	500
Operations Area	OPPs	Atrazine	0.00005	25	0.012	0.013	25	100%	200	300
Operations Area	OPPs	Guthion	0.00006	50	0.0033	0.016	50	100%	60	300
Operations Area	OCPs	Heptachlor epoxide	0.00015	126	0.00011	0.048	115	91%	0.7	300
Operations Area	SVOCs	2,4-Dinitrophenol	0.061	45	0.33	10	45	100%	5	200
Operations Area	SVOCs	3,3'-Dichlorobenzidine	0.03	46	0.034	4.6	39	85%	**1**	200
Operations Area	SVOCs	Hexachloroethane	0.024	46	0.034	4.1	39	85%	**1**	200
Operations Area	SVOCs	2-Nitroaniline	0.02	46	0.034	2.1	46	100%	2	100
Operations Area	VOCs	Ethylene glycol	0.31	1	42	42	1	100%	100	100
Operations Area	OPPs	Parathion	0.00019	50	0.005	0.022	50	100%	30	100
Operations Area	SVOCs	2,4-Dimethylphenol	0.04	45	0.034	4	38	84%	0.8	100
Operations Area	OCPs	Endosulfan sulfate	0.0007	126	0.00009	0.086	100	79%	0.1	100
Operations Area	OCPs	Chlordane (total)	0.0029	86	0.00021	0.22	59	69%	0.07	80
Operations Area	OCPs	Endrin aldehyde	0.0014	126	0.00011	0.086	26	21%	0.08	60
Operations Area	OCPs	Endosulfan I	0.0009	126	0.000086	0.044	71	56%	0.1	50
Operations Area	SVOCs	2,4-Dichlorophenol	0.05	45	0.034	2.1	7	16%	0.7	40
Operations Area	OCPs	Heptachlor	0.0016	126	0.000088	0.048	25	20%	0.05	30
Operations Area	OCPs	alpha-Chlordane	0.0029	126	0.0001	0.044	24	19%	0.03	20
Operations Area	OCPs	gamma-BHC	0.0031	126	0.000086	0.052	23	18%	0.03	20
Operations Area	OCPs	Dieldrin	0.0049	126	0.000075	0.086	20	16%	0.02	20
Operations Area	SVOCs	2-Methylphenol	0.1	45	0.079	2.5	7	16%	0.8	20
Operations Area	OPPs	Chlorpyrifos	0.003	50	0.0061	0.025	50	100%	2	8
Operations Area	OPPs	Diazinon	0.0037	50	0.0069	0.027	50	100%	2	7
Operations Area	General Chemistry	Cyanide (total)	0.098	74	0.13	0.57	71	96%	**1**	6
Operations Area	VOCs	Bromomethane	0.002	171	0.00027	0.012	15	9%	0.1	6
Operations Area	SVOCs	Pentachlorophenol	2.1	45	0.33	10	2	4%	0.2	5
Operations Area	SVOCs	n-Nitrosodiphenylamine	0.545	46	0.034	2.5	2	4%	0.06	5
Operations Area	SVOCs	4-Chloroaniline	1	46	0.034	4.1	2	4%	0.03	4
Operations Area	OPPs	Simazine	0.0083	25	0.021	0.024	25	100%	3	3
Operations Area	SVOCs	2,4,5-Trichlorophenol	4	45	0.034	4	0	0%	0.008	**1**
Operations Area	OCPs	Aldrin	0.03	126	0.00007	0.044	0	0%	0.002	**1**
Operations Area	PCBs	Aroclor-1016	0.041	25	0.0091	0.041	0	0%	0.2	**1**
Operations Area	PCBs	Aroclor-1221	0.041	25	0.028	0.042	0	0%	0.7	**1**
Operations Area	PCBs	Aroclor-1232	0.041	25	0.011	0.041	0	0%	0.3	**1**
Operations Area	PCBs	Aroclor-1242	0.041	25	0.018	0.041	0	0%	0.4	**1**
Operations Area	PCBs	Aroclor-1248	0.041	25	0.018	0.041	0	0%	0.4	**1**
Operations Area	PCBs	Aroclor-1254	0.041	25	0.0098	0.041	0	0%	0.2	**1**
Operations Area	SVOCs	Nitrobenzene	2.2	224	0.000054	2.2	0	0%	0.00002	**1**
Operations Area	SVOCs	4-Nitrophenol	5.12	45	0.14	4.3	0	0%	0.03	0.8
Operations Area	SVOCs	2,6-Dinitrotoluene	4	46	0.034	2.9	0	0%	0.008	0.7

TABLE J-2e: Summary of Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values, Sorted Highest to Lowest: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Group	Chemical Name	ESV[a,b]	Sample Count	Minimum SQL[c]	Maximum SQL[c]	# of SQLs Exceed	Fraction of Exceedances	Minimum SQL HQ	Maximum SQL HQ
Operations Area	SVOCs	Carbazole	0.07	7	0.034	0.036	0	0%	0.5	0.5
Operations Area	OCPs	2,4,5-TP	0.055	1	0.021	0.021	0	0%	0.4	0.4
Operations Area	OCPs	2,4'-DDD	0.021	7	0.00012	0.0091	0	0%	0.006	0.4
Operations Area	SVOCs	2,4-Dinitrotoluene	6	46	0.034	2.5	0	0%	0.006	0.4
Operations Area	TPH	Total petroleum hydrocarbon-gasoline	81.2	50	0.1	27	0	0%	0.001	0.3
Operations Area	VOCs	1,1,1-Trichloroethane	0.04	171	0.00013	0.0062	0	0%	0.003	0.2
Operations Area	SVOCs	1,2,4,5-Tetrachlorobenzene	0.18	7	0.034	0.036	0	0%	0.2	0.2
Operations Area	VOCs	Cumene	0.04	171	0.00018	0.0062	0	0%	0.005	0.2
Operations Area	VOCs	trans-1,2-Dichloroethene	0.04	171	0.00019	0.0062	0	0%	0.005	0.2
Operations Area	VOCs	Vinyl chloride	0.03	171	0.00015	0.0062	0	0%	0.005	0.2
Operations Area	VOCs	Carbon disulfide	0.005	7	0.00055	0.0006	0	0%	0.1	0.1
Operations Area	VOCs	Carbon tetrachloride	0.05	171	0.00028	0.0062	0	0%	0.006	0.1
Operations Area	VOCs	Xylenes (total)	0.1	22	0.00086	0.012	0	0%	0.009	0.1
Operations Area	VOCs	1,1,1,2-Tetrachloroethane	0.07	171	0.00015	0.0062	0	0%	0.002	0.09
Operations Area	VOCs	Bromoform	0.07	171	0.00012	0.0062	0	0%	0.002	0.09
Operations Area	VOCs	1,3-Dichlorobenzene	0.08	171	0.00013	0.0062	0	0%	0.002	0.08
Operations Area	SVOCs	Pentachlorobenzene	0.5	7	0.034	0.036	0	0%	0.07	0.07
Operations Area	VOCs	1,1,2,2-Tetrachloroethane	0.127	171	0.00014	0.0062	0	0%	0.001	0.05
Operations Area	VOCs	Benzene	0.12	171	0.00013	0.0062	0	0%	0.001	0.05
Operations Area	VOCs	1,1-Dichloroethane	0.14	171	0.000098	0.0062	0	0%	0.0007	0.04
Operations Area	VOCs	1,3,5-Trimethylbenzene	0.16	171	0.00018	0.0062	0	0%	0.001	0.04
Operations Area	VOCs	p-Cymene	0.18	171	0.00024	0.0062	0	0%	0.001	0.03
Operations Area	VOCs	1,1,2-Trichloroethane	0.32	171	0.00015	0.0062	0	0%	0.0005	0.02
Operations Area	VOCs	1,2-Dichloroethane	0.4	171	0.00016	0.0062	0	0%	0.0004	0.02
Operations Area	VOCs	1,2-Dichloropropane	0.28	171	0.00016	0.0062	0	0%	0.0006	0.02
Operations Area	VOCs	1,2-Dichloroethene	0.04	7	0.00055	0.00059	0	0%	0.01	0.01
Operations Area	VOCs	1,3,5-Trichlorobenzene	0.07	7	0.00068	0.00073	0	0%	0.01	0.01
Operations Area	VOCs	Iodomethane	0.038	7	0.00026	0.00028	0	0%	0.007	0.007
Operations Area	VOCs	n-Butylbenzene	10	171	0.0003	0.0062	0	0%	0.00003	0.0006
Operations Area	VOCs	n-Propylbenzene	10	171	0.00024	0.0062	0	0%	0.00002	0.0006
Operations Area	VOCs	Trichlorofluoromethane	16.4	171	0.00021	0.0062	0	0%	0.00001	0.0004

Notes:

a. ESV sources are provided in tables J-2a and J-2b.
b. Concentrations are in mg/kg.

ESV = Ecological screening value
HQ = Hazard quotient
mg/kg = Milligram per kilogram
SQL = Sample quantitation limit

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1000	100 < HQ

TABLE J-2f: Summary of Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Group	Chemical Name	ESV[a,b]	Sample Count	Minimum SQL[c]	Maximum SQL[c]	# of SQLs Exceed	Fraction of Exceedances	Minimum SQL HQ	Maximum SQL HQ
Parcel E	OCPs	Toxaphene	0.00015	8	0.051	0.053	8	100%	300	400
Parcel E	SVOCs	Hexachlorocyclopentadiene	0.001	8	0.32	0.33	8	100%	300	300
Parcel E	OPPs	Atrazine	0.00005	8	0.012	0.012	8	100%	200	200
Parcel E	SVOCs	Benzyl alcohol	0.002	8	0.42	0.44	8	100%	200	200
Parcel E	OPPs	Malathion	0.00004	8	0.0045	0.0048	8	100%	100	100
Parcel E	OPPs	Guthion	0.00006	8	0.0034	0.0036	8	100%	60	60
Parcel E	SVOCs	Benzoic acid	0.01	8	0.48	0.5	8	100%	50	50
Parcel E	OPPs	Parathion	0.00019	8	0.0051	0.0054	8	100%	30	30
Parcel E	SVOCs	2,4-Dinitrophenol	0.061	8	1	1.1	8	100%	20	20
Parcel E	OCPs	Heptachlor epoxide	0.00015	8	0.002	0.0021	8	100%	10	10
Parcel E	SVOCs	2-Nitroaniline	0.02	8	0.17	0.18	8	100%	8	9
Parcel E	SVOCs	Di-n-butylphthalate	0.011	8	0.091	0.096	8	100%	8	9
Parcel E	SVOCs	3,3'-Dichlorobenzidine	0.03	8	0.15	0.16	8	100%	5	5
Parcel E	OCPs	alpha-BHC	0.0003	8	0.0015	0.0016	8	100%	5	5
Parcel E	SVOCs	bis(2-Ethylhexyl)phthalate	0.02	8	0.091	0.096	8	100%	5	5
Parcel E	Metals	Thallium	0.05	8	0.25	0.26	8	100%	5	5
Parcel E	SVOCs	2,4-Dimethylphenol	0.04	8	0.13	0.14	8	100%	3	4
Parcel E	OCPs	Endosulfan sulfate	0.0007	8	0.002	0.0021	8	100%	3	3
Parcel E	SVOCs	Hexachloroethane	0.024	8	0.071	0.074	8	100%	3	3
Parcel E	OPPs	Simazine	0.0083	8	0.021	0.023	8	100%	3	3
Parcel E	OPPs	Chlorpyrifos	0.003	8	0.0062	0.0066	8	100%	2	2
Parcel E	OPPs	Diazinon	0.0037	8	0.007	0.0075	8	100%	2	2
Parcel E	OCPs	Endosulfan I	0.0009	8	0.0015	0.0016	8	100%	2	2
Parcel E	SVOCs	2,4-Dichlorophenol	0.05	8	0.068	0.071	0	0%	**1**	**1**
Parcel E	SVOCs	2-Chlorophenol	0.06	8	0.071	0.074	0	0%	**1**	**1**
Parcel E	VOCs	Bromomethane	0.002	8	0.00078	0.0022	0	0%	0.4	**1**
Parcel E	SVOCs	Dibenzofuran	0.15	8	0.14	0.15	0	0%	0.9	**1**
Parcel E	OCPs	Endrin	0.0014	8	0.0015	0.0016	0	0%	**1**	**1**
Parcel E	OCPs	Endrin aldehyde	0.0014	8	0.0015	0.0016	0	0%	**1**	**1**
Parcel E	OCPs	Heptachlor	0.0016	8	0.002	0.0021	0	0%	**1**	**1**
Parcel E	OCPs	Hexachlorobenzene	0.079	8	0.071	0.074	0	0%	0.9	0.9
Parcel E	SVOCs	2-Methylphenol	0.1	8	0.081	0.085	0	0%	0.8	0.8
Parcel E	OCPs	Methoxychlor	0.0021	8	0.0015	0.0016	0	0%	0.7	0.8
Parcel E	OCPs	alpha-Chlordane	0.0029	8	0.002	0.0021	0	0%	0.7	0.7
Parcel E	Metals	Cadmium	0.36	8	0.25	0.26	0	0%	0.7	0.7
Parcel E	OCPs	gamma-BHC	0.0031	8	0.0015	0.0016	0	0%	0.5	0.5
Parcel E	Metals	Molybdenum	2	8	1	1	0	0%	0.5	0.5
Parcel E	VOCs	Acetone	0.04	8	0.0062	0.018	0	0%	0.2	0.4
Parcel E	SVOCs	Diethylphthalate	0.25	8	0.097	0.1	0	0%	0.4	0.4
Parcel E	OCPs	Dieldrin	0.0049	8	0.0015	0.0016	0	0%	0.3	0.3
Parcel E	SVOCs	n-Nitrosodiphenylamine	0.545	8	0.16	0.17	0	0%	0.3	0.3
Parcel E	SVOCs	3&4-Methylphenol	0.69	8	0.14	0.14	0	0%	0.2	0.2
Parcel E	SVOCs	4-Chloroaniline	1	8	0.15	0.16	0	0%	0.2	0.2

TABLE J-2f: Summary of Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Group	Chemical Name	ESV[a,b]	Sample Count	Minimum SQL[c]	Maximum SQL[c]	# of SQLs Exceed	Fraction of Exceedances	Minimum SQL HQ	Maximum SQL HQ
Parcel E	SVOCs	Hexachlorobutadiene	0.009	8	0.00078	0.0022	0	0%	0.09	0.2
Parcel E	SVOCs	Pentachlorophenol	2.1	8	0.35	0.36	0	0%	0.2	0.2
Parcel E	Metals	Silver	4.2	8	0.89	0.93	0	0%	0.2	0.2
Parcel E	SVOCs	4-Nitrophenol	5.12	8	0.51	0.53	0	0%	0.1	0.1
Parcel E	SVOCs	Butylbenzylphthalate	0.59	8	0.081	0.085	0	0%	0.1	0.1
Parcel E	SVOCs	Di-n-octylphthalate	0.91	8	0.091	0.096	0	0%	0.1	0.1
Parcel E	SVOCs	Phenol	0.79	8	0.091	0.096	0	0%	0.1	0.1
Parcel E	OCPs	4,4'-DDD	0.021	8	0.0015	0.0016	0	0%	0.07	0.08
Parcel E	OCPs	gamma-Chlordane	0.02	8	0.0015	0.0016	0	0%	0.08	0.08
Parcel E	SVOCs	2,4,5-Trichlorophenol	4	8	0.27	0.28	0	0%	0.07	0.07
Parcel E	VOCs	Vinyl chloride	0.03	8	0.00078	0.0022	0	0%	0.03	0.07
Parcel E	OCPs	Aldrin	0.03	8	0.0015	0.0016	0	0%	0.05	0.05
Parcel E	VOCs	Methylene Chloride	0.21	8	0.0039	0.011	0	0%	0.02	0.05
Parcel E	VOCs	1,1,1,2-Tetrachloroethane	0.07	8	0.00078	0.0022	0	0%	0.01	0.03
Parcel E	VOCs	1,1,1-Trichloroethane	0.04	8	0.00039	0.0011	0	0%	0.01	0.03
Parcel E	VOCs	1,1-Dichloroethene	0.04	8	0.00039	0.0011	0	0%	0.01	0.03
Parcel E	VOCs	2-Hexanone	0.36	8	0.0039	0.011	0	0%	0.01	0.03
Parcel E	VOCs	Bromoform	0.07	8	0.00078	0.0022	0	0%	0.01	0.03
Parcel E	VOCs	cis-1,2-Dichloroethene	0.04	8	0.00039	0.0011	0	0%	0.01	0.03
Parcel E	VOCs	Cumene	0.04	8	0.00039	0.0011	0	0%	0.01	0.03
Parcel E	General Chemistry	Fluoride	120	8	3.5	3.7	0	0%	0.03	0.03
Parcel E	SVOCs	Nitrobenzene	2.2	8	0.071	0.074	0	0%	0.03	0.03
Parcel E	TPH	Total petroleum hydrocarbon-diesel	81.2	8	2.5	2.7	0	0%	0.03	0.03
Parcel E	VOCs	trans-1,2-Dichloroethene	0.04	8	0.00039	0.0011	0	0%	0.01	0.03
Parcel E	VOCs	1,1,2,2-Tetrachloroethane	0.127	8	0.00078	0.0022	0	0%	0.006	0.02
Parcel E	VOCs	1,2,4-Trimethylbenzene	0.09	8	0.00078	0.0022	0	0%	0.009	0.02
Parcel E	SVOCs	2,4,6-Trichlorophenol	9.94	8	0.16	0.17	0	0%	0.02	0.02
Parcel E	SVOCs	2,6-Dinitrotoluene	4	8	0.097	0.1	0	0%	0.02	0.02
Parcel E	VOCs	Carbon tetrachloride	0.05	8	0.00039	0.0011	0	0%	0.008	0.02
Parcel E	VOCs	Chloroform	0.05	8	0.00039	0.0011	0	0%	0.008	0.02
Parcel E	VOCs	m,p-Xylene	0.1	8	0.00078	0.0022	0	0%	0.008	0.02
Parcel E	PAHs	Ramboll Calculated HMW PAHs (ND=0	1.1	8	0.02	0.0215	0	0%	0.02	0.02
Parcel E	VOCs	Tetrachloroethene	0.06	8	0.00039	0.0011	0	0%	0.006	0.02
Parcel E	VOCs	Trichloroethene	0.06	8	0.00039	0.0011	0	0%	0.006	0.02
Parcel E	VOCs	1,2-Dichlorobenzene	0.09	8	0.00039	0.0011	0	0%	0.004	0.01
Parcel E	VOCs	1,3,5-Trimethylbenzene	0.16	8	0.00078	0.0022	0	0%	0.005	0.01
Parcel E	VOCs	1,3-Dichlorobenzene	0.08	8	0.00039	0.0011	0	0%	0.005	0.01
Parcel E	SVOCs	2,4-Dinitrotoluene	6	8	0.081	0.085	0	0%	0.01	0.01
Parcel E	VOCs	2-Butanone	1	8	0.0039	0.011	0	0%	0.004	0.01
Parcel E	VOCs	o-Xylene	0.1	8	0.00039	0.0011	0	0%	0.004	0.01
Parcel E	VOCs	Benzene	0.12	8	0.00039	0.0011	0	0%	0.003	0.009
Parcel E	VOCs	1,1-Dichloroethane	0.14	8	0.00039	0.0011	0	0%	0.003	0.008
Parcel E	VOCs	1,2,4-Trichlorobenzene	0.27	8	0.00078	0.0022	0	0%	0.003	0.008

TABLE J-2f: Summary of Evaluation of Sample Quantitation Limits for Chemicals Not Detected with Ecological Screening Values: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Spatial Unit	Group	Chemical Name	ESV[a,b]	Sample Count	Minimum SQL[c]	Maximum SQL[c]	# of SQLs Exceed	Fraction of Exceedances	Minimum SQL HQ	Maximum SQL HQ
Parcel E	SVOCs	Dimethylphthalate	10	8	0.068	0.071	0	0%	0.007	0.007
Parcel E	Metals	Tungsten	400	8	2.5	2.6	0	0%	0.006	0.007
Parcel E	VOCs	p-Cymene	0.18	8	0.00039	0.0011	0	0%	0.002	0.006
Parcel E	VOCs	1,2-Dichloropropane	0.28	8	0.00039	0.0011	0	0%	0.001	0.004
Parcel E	VOCs	Ethyl benzene	0.27	8	0.00039	0.0011	0	0%	0.001	0.004
Parcel E	VOCs	1,1,2-Trichloroethane	0.32	8	0.00039	0.0011	0	0%	0.001	0.003
Parcel E	VOCs	1,2-Dichloroethane	0.4	8	0.00039	0.0011	0	0%	0.001	0.003
Parcel E	TPH	Total petroleum hydrocarbon-gasoline	81.2	8	0.15	0.16	0	0%	0.002	0.002
Parcel E	VOCs	1,4-Dichlorobenzene	0.89	8	0.00039	0.0011	0	0%	0.0004	0.001
Parcel E	VOCs	Styrene	1.2	8	0.00039	0.0011	0	0%	0.0003	0.0009
Parcel E	VOCs	4-Methyl-2-pentanone	9.7	8	0.0019	0.0056	0	0%	0.0002	0.0006
Parcel E	VOCs	Chlorobenzene	2.4	8	0.00039	0.0011	0	0%	0.0002	0.0005
Parcel E	VOCs	n-Butylbenzene	10	8	0.00078	0.0022	0	0%	0.00008	0.0002
Parcel E	VOCs	1,2,3-Trichlorobenzene	20	8	0.00078	0.0022	0	0%	0.00004	0.0001
Parcel E	VOCs	n-Propylbenzene	10	8	0.00039	0.0011	0	0%	0.00004	0.0001
Parcel E	VOCs	Trichlorofluoromethane	16.4	8	0.00078	0.0022	0	0%	0.00005	0.0001

Notes:

a. ESV sources are provided in tables J-2a and J-2b.
b. Concentrations are in mg/kg.

ESV = Ecological screening value
HQ = Hazard quotient
mg/kg = Milligram per kilogram
SQL = Sample quantitation limit

0.5	HQ<1
1	HQ = 1
10	1< HQ ≤10
100	10 < HQ ≤ 100
1000	100 < HQ

TABLE J-2g: Uncertainties Regarding Chemicals Not Detected with SQLs Greater than ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Max HQs				Analysis Dates Range (Max HQ Date)	Max Dilutions			ESV Basis	Site-Related and Constituent of Concern as defined in the OU-1 RI Text (Yes/No)? (a)
		Max HQ	% HQs>1	Sample ID @ Max HQ	Dilution @ Max HQ		Max Dilution	Max HQ @ Max Dilution	Sample ID @ Max Dilution		
General Chemistry	Cyanide (total)	6	96%	SA11-0.5 / SA11-0.5D / SA12-0.5	1x	2006, 2008, 2009 (2006)	1x	6	SA11-0.5 SA11-0.5D SA12-0.5	Los Alamos National Laboratory (LANL). 2017. ECORISK Database Release 4.1. September 2017	No
OCPs	Toxaphene	10000	100%	SSAM3-01-2BPC	100x	2006 - 2017 (April 2010)	100x	10,000	SSAM3-01-2BPC	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No
OCPs	Heptachlor epoxide	300	91%	2 Locations: RSAK4009-0.5B / SSAM3-01-2BPC	50-100x	2006 - 2017 (April 2010) (June 2009)	100x	300	SSAM3-01-2BPC	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No
OCPs	Endosulfan sulfate	100	79%	RSAK4009-0.5B	50x	2006 - 2017 (June 2009)	100x	40	SSAM3-01-2BPC	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No
OCPs	Chlordane (total)	80	69%	RSAK4009-0.5B	50x	2006 - 2010 (June 2009)	100x	8	SSAM3-01-2BPC	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No - required limited additional evaluation prior to eliminating as a COPC.
OCPs	Endrin aldehyde	60	21%	RSAK4009-0.5B	50x	2006 - 2017 (June 2009)	100x	10	SSAM3-01-2BPC	This is the USEPA Region 4 endrin value for avians. Los Alamos National Laboratory (LANL). 2017. ECORISK Database Release 4.1. September 2017	No - required limited additional evaluation prior to eliminating as a COPC.

TABLE J-2g: Uncertainties Regarding Chemicals Not Detected with SQLs Greater than ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Max HQs				Analysis Dates Range (Max HQ Date)	Max Dilutions			ESV Basis	Site-Related and Constituent of Concern as defined in the OU-1 RI Text (Yes/No)? (a)
		Max HQ	% HQs>1	Sample ID @ Max HQ	Dilution @ Max HQ		Max Dilution	Max HQ @ Max Dilution	Sample ID @ Max Dilution		
OCPs	Endosulfan I	50	56%	RSAK4009-0.5B	50x	2006 - 2017 (June 2009)	100x	20	SSAM3-01-2BPC	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No - required limited additional evaluation prior to eliminating as a COPC.
OCPs	Heptachlor	30	20%	RSAK4009-0.5B / TSB-GJ-03-0	80x	2006 - 2017 (June 2009) (Nov 2007)	100x	20	SSAM3-01-2BPC	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No
OCPs	alpha-Chlordane	20	19%	RSAK4009-0.5B	50x	2006 - 2014 (June 2009)	100x	10	SSAM3-01-2BPC	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No
OCPs	gamma-BHC	20	18%	SSAM3-01-2BPC	100x	2006 - 2014 (April 2010)	100x	20	SSAM3-01-2BPC	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	Yes - retained as a COPC in the OU-1/OU-2 RI
OCPs	Dieldrin	20	16%	RSAK4009-0.5B	50x	2006 - 2014 (June 2009)	100x	5	SSAM3-01-2BPC	Eco SSL is the highest bounded NOAEL for mammals based on a 1970s rat study (Harr et al. 1970). Measured lethality to adults and embryos, fertility, and dieldrin concentrations in tissue. (b)	Yes - retained as a COPC in the OU-1/OU-2 RI

TABLE J-2g: Uncertainties Regarding Chemicals Not Detected with SQLs Greater than ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Max HQs				Analysis Dates Range (Max HQ Date)	Max Dilutions			ESV Basis	Site-Related and Constituent of Concern as defined in the OU-1 RI Text (Yes/No)? (a)
		Max HQ	% HQs>1	Sample ID @ Max HQ	Dilution @ Max HQ		Max Dilution	Max HQ @ Max Dilution	Sample ID @ Max Dilution		
OPPs	Malathion	500	100%	SA20-0.5D	1x	2006 - 2014 (Nov 2006)	1x	500	SA20-0.5D	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No
OPPs	Atrazine	300	100%	7 samples	1x	2014 (Nov-Dec 2014)	1x	300	7 locations	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No
OPPs	Guthion	300	100%	SA11-0.5D / SA20-0.5D	1x	2006 - 2014 (Nov 2006)	1x	300	SA11-0.5D / SA20-0.5D	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No
OPPs	Parathion	100	100%	12 samples	1x	2006 - 2014 (Nov 2006)	1x	100	12 samples	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No
OPPs	Chlorpyrifos	8	100%	SA11-0.5D / SA20-0.5D	1x	2006 - 2014 (Nov 2006)	1x	8	SA11-0.5D / SA20-0.5D	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No
OPPs	Diazinon	7	100%	SA11-0.5D / SA20-0.5D	1x	2006 - 2014 (Nov 2006)	1x	7	SA11-0.5D / SA20-0.5D	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No

TABLE J-2g: Uncertainties Regarding Chemicals Not Detected with SQLs Greater than ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Max HQs				Analysis Dates Range (Max HQ Date)	Max Dilutions			ESV Basis	Site-Related and Constituent of Concern as defined in the OU-1 RI Text (Yes/No)? (a)
		Max HQ	% HQs>1	Sample ID @ Max HQ	Dilution @ Max HQ		Max Dilution	Max HQ @ Max Dilution	Sample ID @ Max Dilution		
OPPs	Simazine	3	100%	24 samples (17 from the Debris Pile)	1x	2014 (Nov-Dec 2014)	1x	3	24 samples (17 from the Debris Pile)	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No
SVOCs	Hexachloro-cyclopentadiene (c)	4000	100%	RIT-3-03-20141113 (Debris Pile)	2x	2007 - 2017 (Nov 2014)	4x	500	RIT-2-05-20141113 (Debris Pile)	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No
SVOCs	Benzyl alcohol (a)	2000	100%	RIT-3-03-20141113 (Debris Pile)	2x	2007 - 2017 (Nov 2014)	4x	300	RIT-2-05-20141113 (Debris Pile)	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No
SVOCs	Benzoic acid (a)	1000	100%	RIT-3-03-20141113 (Debris Pile)	2x	2007 - 2017 (Nov 2014)	2x	1000	RIT-3-03-20141113 (Debris Pile)	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No
SVOCs	2,4-Dinitrophenol (a)	200	100%	RIT-3-03-20141113 (Debris Pile)	2x	2014 & 2017 (Nov 2014)	2x	200	RIT-3-03-20141113 (Debris Pile)	EPA Region 5 RCRA Ecological Screening Levels (2003) which are no longer online	No
SVOCs	3,3'-Dichlorobenzidine (a)	200	85%	RIT-3-03-20141113 (Debris Pile)	2x	2007 - 2017 (Nov 2014)	4x	20	RIT-2-05-20141113 (Debris Pile)	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No

TABLE J-2g: Uncertainties Regarding Chemicals Not Detected with SQLs Greater than ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Max HQs				Analysis Dates Range (Max HQ Date)	Max Dilutions			ESV Basis	Site-Related and Constituent of Concern as defined in the OU-1 RI Text (Yes/No)? (a)
		Max HQ	% HQs>1	Sample ID @ Max HQ	Dilution @ Max HQ		Max Dilution	Max HQ @ Max Dilution	Sample ID @ Max Dilution		
SVOCs	Hexachloroethane (a)	200	85%	RIT-3-03-20141113 (Debris Pile)	2x	2007 - 2017 (Nov 2014)	4x	20	RIT-2-05-20141113 (Debris Pile)	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No
SVOCs	2-Nitroaniline (a)	100	100%	RIT-3-03-20141113 (Debris Pile)	2x	2007 - 2017 (Nov 2014)	4x	10	RIT-2-05-20141113 (Debris Pile)	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No
SVOCs	2,4-Dimethylphenol (a)	100	84%	RIT-3-03-20141113 (Debris Pile)	2x	2014 & 2017 (Nov 2014)	2x	100	RIT-3-03-20141113 (Debris Pile)	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No
SVOCs	2,4-Dichlorophenol (a)	40	16%	RIT-3-03-20141113 (Debris Pile)	2x	2014 & 2017 (Nov 2014)	2x	40	RIT-3-03-20141113 (Debris Pile)	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No
SVOCs	2-Methylphenol (a)	30	16%	RIT-3-03-20141113 (Debris Pile)	2x	2007 - 2017 (Nov 2014)	2x	30	RIT-3-03-20141113 (Debris Pile)	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No
SVOCs	Pentachlorophenol	5	4%	RIT-3-03-20141113 (Debris Pile)	2x	Nov 2014	2x	5	RIT-3-03-20141113 (Debris Pile)	Eco SSL is the lowest TRV for reproduction, growth, or survival from a 1980 chicken study (Stedman et al. 1980). (d)	No

TABLE J-2g: Uncertainties Regarding Chemicals Not Detected with SQLs Greater than ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Max HQs				Analysis Dates Range (Max HQ Date)	Max Dilutions			ESV Basis	Site-Related and Constituent of Concern as defined in the OU-1 RI Text (Yes/No)? (a)
		Max HQ	% HQs>1	Sample ID @ Max HQ	Dilution @ Max HQ		Max Dilution	Max HQ @ Max Dilution	Sample ID @ Max Dilution		
SVOCs	n-Nitrosodiphenylamine	5	4%	RIT-3-03-20141113 (Debris Pile)	2x	Nov 2014	4x	0.6	RIT-2-05-20141113 (Debris Pile)	EPA Region 5 RCRA Ecological Screening Levels (2003) which are no longer online	No
SVOCs	4-Chloroaniline	4	4%	RIT-3-03-20141113 (Debris Pile)	2x	Nov 2014	4x	0.5	RIT-2-05-20141113 (Debris Pile)	Los Alamos National Laboratory (LANL). 2017. ECORISK Database Release 4.1. September 2017	No
VOCs	Ethylene glycol	100	100%	RIT-3-03-20141113 (Debris Pile)	--		--	100	M116-0.5_03/12/2006	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No
General Chemistry	Bromomethane	6	9%	RIT-3-03-20141113 (Debris Pile)	1x	2006 & 2014 (2006)	1.89x	0.8	SA157-0.5B	ECOSAR & Region 4 soil model, EqP using water quality benchmark.	No

TABLE J-2g: Uncertainties Regarding Chemicals Not Detected with SQLs Greater than ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Spatial Plot Evaluation			Summary	Overall Observations and Conclusions
		General Spatial Observations	Are Sampling locations for this Chemical Group the Same? Highest density Areas (i.e. Debris Pile)? Are any hotspots apparent?	Spatial Relationship to Perchlorate?		
General Chemistry	Cyanide (total)	Fairly well distributed sampling scheme but no samples in Parcel E and no higher density sampling at the Debris Pile. No hotspots or clustering of samples where highest SQL/ESV ratios are apparent.	Cyanide is the only chemcial with SQL>ESV in the General Chemistry category. No samples taken in Parcel E. Most samples taken in Eco DU-1 but no focus on Debris Pile. Six samples were taken in close proximity in Eco DU-2 just north of former Parcel H.	SA11-0.5D: Perchlorate HQ = 600. Perchlorate dilution factor = 100. SA12-0.5: Perchlorate HQ = 50. Perchlorate dilution factor = 10.	Max HQ of 6 is not cause for concern. Max HQ @ Max dilution. High # of SQLs>ESVs (96%) - Significant ESV Basis: LANL OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk is not expected to be significant based low HQs. Also, cyanide was eliminated from further evaluation in the OU-1 RI. Dilution is not a factor for the SQL to ESV exceedances.
OCPs	Toxaphene	No apparent clustering or hot spots. Sampling locations are well distributed throughout Eco DU-1. Less so in Eco DU-2 and Eco DU-3.	Yes. Highest density of samples, including samples w/ SQLs>ESVs, is the Debris Pile. No apparent hotspots.	Location with highest HQ is not related to Perchlorate locations with high HQ. No perchlorate sampled at this location.	Max HQ of 10,000 is cause for additional evaluation; 100x dilution may be contributing factor. Max HQ @ Max dilution. High # of SQLs>ESVs (100%): significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk cannot be ruled out given the high SQLs compared to ESVs and the high SQL>ESV frequency. However, toxaphene was eliminated form further evaluation in the OU-1 RI and the dilution may contribute to the high SSQL to ESV exceedances.
OCPs	Heptachlor epoxide	Well distributed sampling scheme. No hotspots or clustering of samples at highest SQL/ESV ratios.	Yes. Highest density of samples w/ SQLs>ESVs is the debris pile but Debris Pile does not contain the highest ratios. No apparent hotspots.	Locations with highest HQ is not related to Perchlorate locations with high HQ. Perchlorate HQ at location RSAK4009-0.5B = 6. Perchlorate not sampled at SSAM3-01-BPC.	Max HQ of 300 is cause for additional evaluation; 100x dilution may be contributing factor. Max HQ @ Max dilution. High # of SQLs>ESVs (91%): significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk cannot be ruled out given the high SQLs compared to ESVs and the high SQL>ESV frequency. However, Heptachlor epoxide was eliminated form further evaluation in the OU-1 RI and the high dilution may contribute to the high SQL/ESV HQ.
OCPs	Endosulfan sulfate	Well distributed sampling scheme. No hotspots or clustering of samples at highest SQL/ESV ratios.	Yes. Highest density of samples w/ SQLs>ESVs is the Debris Pile but debris pile does not contain the highest ratios. No apparent hotspots.	Locations with highest HQ is not related to Perchlorate locations with high HQ. Perchlorate HQ at location RSAK4009-0.5B = 6.	Max HQ of 100 is cause for additional evaluation; 50x dilution may be contributing factor however, HQ @ Max dilution (100x) is 40 compared to 100 High # of SQLs>ESVs (79%) - significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk cannot be ruled out given the high SQLs compared to ESVs and the high SQL>ESV frequency. However, endosulfan sulfate was eliminated from further evaluation in the OU-1 RI and the high dilution may contribute to the high SQL to ESV exceedances.
OCPs	Chlordane (total)	Sample locations are well distributed in Eco DU-1 but less well represented in Eco DU-2 and Eco DU-3. Not analyzed in Parcel E. No pattern of hot spots or clustering of samples where SQL/ESV ratios are highest is apparent.	No (No samples in Parcel E; limited sampling at Debris Pile). There are no higher density sampling areas for this constituent. No apparent hotspots.	Locations with highest HQ is not related to Perchlorate locations with high HQ. Perchlorate HQ at location RSAK4009-0.5B = 6.	Max HQ of 80 is cause for additional evaluation; 50x dilution may be contributing factor however, HQ @ Max dilution (100x) is 8 compared to 80 High # of SQLs>ESVs (69%) - significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk cannot be ruled out given the high SQLs compared to ESVs and the high SQL>ESV frequency. However, chlordane (total) was eliminated from further evaluation in the OU-1 RI and the high dilution may contribute to the high SQL to ESV exceedances.
OCPs	Endrin aldehyde	Sample locations are well distributed in Eco DU-1 but less well represented in Eco DU-2 and Eco DU-3. No pattern of hot spots or clustering of samples where SQL/ESV ratios are highest is apparent.	Yes. Highest density of samples w/ SQLs>ESVs is the Debris Pile but debris pile does not contain the highest ratios. No apparent hotspots.	Locations with highest HQ is not related to Perchlorate locations with high HQ. Perchlorate HQ at location RSAK4009-0.5B = 6.	Max HQ of 60 is cause for additional evaluation; 50x dilution may be contributing factor however, HQ @ Max dilution (100x) is 10 compared to 60 High # of SQLs>ESVs (21%) - moderately significant ESV Basis: USEPA Region 4 OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk cannot be ruled out given the high SQLs compared to ESVs and the high SQL>ESV frequency. However, endrin aldehyde was eliminated from further evaluation in the OU-1 RI and the high dilution may contribute to the high SQL to ESV exceedances.

TABLE J-2g: Uncertainties Regarding Chemicals Not Detected with SQLs Greater than ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Spatial Plot Evaluation			Summary	Overall Observations and Conclusions
		General Spatial Observations	Are Sampling locations for this Chemical Group the Same? Highest density Areas (i.e. Debris Pile)? Are any hotspots apparent?	Spatial Relationship to Perchlorate?		
OCPs	Endosulfan I	Sample locations are well distributed in Eco DU-1 but less well represented in Eco DU-2 and Eco DU-3. No pattern of hot spots or clustering of samples where SQL/ESV ratios are highest is apparent.	Yes. Highest density of samples w/ SQLs>ESVs is the Debris Pile but debris pile does not contain the highest ratios. No apparent hotspots.	Locations with highest HQ is not related to Perchlorate locations with high HQ. Perchlorate HQ at location RSAK4009-0.5B = 6.	Max HQ of 50 is cause for additional evaluation; 50x dilution may be contributing factor however, HQ @ Max dilution (100x) is 20 compared to 50 High # of SQLs>ESVs (56%) - moderately significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk cannot be ruled out given the high SQLs compared to ESVs and the high SQL>ESV frequency. However, endosulfan 1 was eliminated from further evaluation in the OU-1 RI and the high dilution may contribute to the high SQL to ESV exceedances.
OCPs	Heptachlor	Sample locations are well distributed in Eco DU-1 but less well represented in Eco DU-2 and Eco DU-3. No pattern of hot spots or clustering of samples where SQL/ESV ratios are highest is apparent.	Yes. Highest density of samples w/ SQLs>ESVs is the Debris Pile but debris pile does not contain the highest ratios. No apparent hotspots.	Locations with highest HQ is not related to Perchlorate locations with high HQ. Perchlorate HQ at location RSAK4009-0.5B = 6.	Max HQ of 30 is cause for additional evaluation; 80x dilution may be contributing factor however, HQ @ Max dilution (100x) is 20 compared to 30 Moderate # of SQLs>ESVs (20%) - moderately significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk is not expected to be significant based on low SQL>ESV frequency and lower HQs. Also, heptachlor was eliminated from further evaluation in the OU-1 RI. The high dilution may contribute to the SQL to ESV exceedances.
OCPs	alpha-Chlordane	Sample locations are well distributed in Eco DU-1 but less well represented in Eco DU-2 and Eco DU-3. No pattern of hot spots or clustering of samples where SQL/ESV ratios are highest is apparent.	Yes. Highest density of samples w/ SQLs>ESVs is the Debris Pile but debris pile does not contain the highest ratios. No apparent hotspots.	Locations with highest HQ is not related to Perchlorate locations with high HQ. Perchlorate HQ at location RSAK4009-0.5B = 6.	Max HQ of 20 is cause for additional evaluation; 50x dilution may be contributing factor however, HQ @ Max dilution (100x) is 10 compared to 20 Low # of SQLs>ESVs (19%) - moderately significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk is not expected to be significant based on low SQL>ESV frequency and lower HQs. Also, alpha-chlordane was eliminated from further evaluation in the OU-1 RI. The high dilution may contribute to the SQL to ESV exceedances.
OCPs	gamma-BHC	Sample locations are well distributed in Eco DU-1 but less well represented in Eco DU-2 and Eco DU-3. Same sampling locations for all OCPs. No pattern of hot spots or clustering of samples where SQL/ESV ratios are highest is apparent.	Yes. Highest density of samples w/ SQLs>ESVs is the Debris Pile but debris pile does not contain the highest ratios. No apparent hotspots.	Locations with highest HQ is not related to Perchlorate locations with high HQ. Perchlorate not sampled at SSAM3-01-BPC.	Max HQ of 20 is cause for additional evaluation; 100x dilution may be contributing factor however, Max HQ @ Max dilution Low # of SQLs>ESVs (18%) - moderately significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk is not expected to be significant based on low SQL>ESV frequency and lower HQs. Also, alpha-chlordane was eliminated from further evaluation in the OU-1 RI. The high dilution may contribute to the SQL to ESV exceedances.
OCPs	Dieldrin	Sample locations are well distributed in Eco DU-1 but less well represented in Eco DU-2 and Eco DU-3. Same sampling locations for all OCPs. No pattern of hot spots or clustering of samples where SQL/ESV ratios are highest is apparent.	Yes. Highest density of samples w/ SQLs>ESVs is the Debris Pile but debris pile does not contain the highest ratios. No apparent hotspots.	Locations with highest HQ is not related to Perchlorate locations with high HQ. Perchlorate HQ at location RSAK4009-0.5B = 6.	Max HQ of 20 is cause for additional evaluation; 50x dilution may be contributing factor however, Max HQ @ Max dilution (100x) is 5 compared to 20 Low # of SQLs>ESVs (16%) - moderately significant ESV Basis: Eco SSL OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk is not expected to be significant based on low SQL>ESV frequency and lower HQs. Also, dieldrin was eliminated from further evaluation in the OU-1 RI. The high dilution may contribute to the SQL to ESV exceedances.

TABLE J-2g: Uncertainties Regarding Chemicals Not Detected with SQLs Greater than ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Spatial Plot Evaluation			Summary	Overall Observations and Conclusions
		General Spatial Observations	Are Sampling locations for this Chemical Group the Same? Highest density Areas (i.e. Debris Pile)? Are any hotspots apparent?	Spatial Relationship to Perchlorate?		
OPPs	Malathion	Sample locations are generally well distributed but mostly in Eco DU-1 and Parcel E.	Yes. However, fewer sample locations for OPPs than OCPs. Highest density of samples w/ SQLs>ESVs is the Debris Pile but Debris Pile does not contain the highest ratios. No apparent hotspots.	Locations with highest HQ is not related to Perchlorate locations with high HQ or with perchlorate dilutions (perchlorate dilution factor = 1). Perchlorate HQ = 1.	Max HQ of 500 is cause for additional evaluation; dilution not a contributing factor. Max HQ @ Max dilution High # of SQLs>ESVs (100%) - significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk cannot be ruled out given the high SQLs compared to ESVs and the high SQL>ESV frequency. However, malathion was eliminated from further evaluation in the OU-1 RI. Dilution is not a factor for any of the OPPs.
OPPs	Atrazine	Very limited and clustered sampling scheme. Only sampled on East side of Eco DU-1 and in Parcel E.	No. Highest density is Debris Pile. Fewer overall samples than other OPPs.	No indication of a relationship between high SQL/ESV ratios for atrazine and high HQs for perchlorate.	Max HQ of 300 is cause for additional evaluation; dilution not a contributing factor. Max HQ @ Max dilution High # of SQLs>ESVs (100%) - significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk cannot be ruled out given the high SQLs compared to ESVs and the high SQL>ESV frequency. However, atrazine was eliminated from further evaluation in the OU-1 RI. Dilution is not a factor for any of the OPPs.
OPPs	Guthion	Fairly well distributed sampling scheme. Parcel E and East side of Eco DU-1 sample locations.	Yes. However, fewer sample locations for OPPs than OCPs. Highest density of samples w/ SQLs>ESVs is the Debris Pile but Debris Pile does not contain the highest ratios. No apparent hotspots.	SA11-0.5D: Perchlorate HQ = 600. Perchlorate dilution factor = 100. SA20-0.5D: Perchlorate HQ = 1. Perchlorate dilution factor = 1.	Max HQ of 300 is cause for additional evaluation; dilution not a contributing factor. Max HQ @ Max dilution High # of SQLs>ESVs (100%) - significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk cannot be ruled out given the high SQLs compared to ESVs and the high SQL>ESV frequency. However, guthion was eliminated from further evaluation in the OU-1 RI. Dilution is not a factor for any of the OPPs.
OPPs	Parathion	Well distributed sampling scheme but sampling is not extensive. No hotspots or clustering of samples where highest SQL/ESV ratios are apparent.	Yes. However, fewer sample locations for OPPs than OCPs. Highest density of samples w/ SQLs>ESVs is the Debris Pile but Debris Pile does not contain the highest ratios. No apparent hotspots.	No indication of a relationship between high SQL/ESV ratios for parathion and high HQs for perchlorate.	Max HQ of 100 is cause for additional evaluation; dilution not a contributing factor. High # of SQLs>ESVs (100%) - significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk cannot be ruled out given the high SQLs compared to ESVs and the high SQL>ESV frequency. However, parathion was eliminated from further evaluation in the OU-1 RI. Dilution is not a factor for any of the OPPs.
OPPs	Chlorpyrifos	Well distributed sampling scheme but sampling is not extensive. No hotspots or clustering of samples where highest SQL/ESV ratios are apparent.	Yes. However, fewer sample locations for OPPs than OCPs. Highest density of samples w/ SQLs>ESVs is the Debris Pile but Debris Pile does not contain the highest ratios. No apparent hotspots.	SA11-0.5D: Perchlorate HQ = 600. Perchlorate dilution factor = 100. SA20-0.5D: Perchlorate HQ = 1. Perchlorate dilution factor = 1.	Max HQ of 8 is not cause for concern; dilution not a contributing factor. High # of SQLs>ESVs (100%) - significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk is not expected to be significant based on low HQs. Also, chlorpyrifos was eliminated from further evaluation in the OU-1 RI. Dilution is not a factor for any of the OPPs.
OPPs	Diazinon	Well distributed sampling scheme but sampling is not extensive. No hotspots or clustering of samples where highest SQL/ESV ratios are apparent.	Yes. However, fewer sample locations for OPPs than OCPs. Highest density of samples w/ SQLs>ESVs is the Debris Pile but Debris Pile does not contain the highest ratios. No apparent hotspots.	SA11-0.5D: Perchlorate HQ = 600. Perchlorate dilution factor = 100. SA20-0.5D: Perchlorate HQ = 1. Perchlorate dilution factor = 1.	Max HQ of 7 is not cause for concern; dilution not a contributing factor. High # of SQLs>ESVs (100%) - significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk is not expected to be significant based on low HQs. Also, diazinon was eliminated from further evaluation in the OU-1 RI. Dilution is not a factor for any of the OPPs.

TABLE J-2g: Uncertainties Regarding Chemicals Not Detected with SQLs Greater than ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Spatial Plot Evaluation			Summary	Overall Observations and Conclusions
		General Spatial Observations	Are Sampling locations for this Chemical Group the Same? Highest density Areas (i.e. Debris Pile)? Are any hotspots apparent?	Spatial Relationship to Perchlorate?		
OPPs	Simazine	ted sampling. Samples collected at debris pile and P	No. Focus is Debris Pile and Parcel E (fewer samples than other OPPs). No apparent hotspots.	No indication of a relationship between high SQL/ESV ratios for simazine and high HQs for perchlorate.	Max HQ of 3 is not cause for concern; dilution not a contributing factor. High # of SQLs>ESVs (100%) - significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk is not expected to be significant based on low HQs. Also, simazine was eliminated from further evaluation in the OU-1 RI. Dilution is not a factor for any of the OPPs.
SVOCs	Hexachloro-cyclopentadiene (c)	Small sample size. Sample locations are clustered/poorly distributed. Samples are focused in Eco DU-1, Parcel E and just south of Parcel G.	Yes. However, fewer sample locations than that for OPPs than OCPs. Highest density of samples w/ SQLs>ESVs is the Debris Pile. Debris Pile contains the highest SQL/ESV HQ. No apparent hotspots given the poor distribution of sample locations.	Perchlorate sample ID at this location is RIT-3-05. Perchlorate HQ = 60. Perchlorate dilution factor = 100.	Max HQ of 4,000 is cause for additional evaluation; dilution may be a contributing factor, however, Max HQ @ Max dilution is 500 compared to 4,000 High # of SQLs>ESVs (100%) - significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk cannot be ruled out given the high SQLs compared to ESVs and high SQL>ESV frequency. However, hexachlorocyclopentadiene was eliminated from further evaluation in the OU-1 RI. Dilution is not likely a significant factor.
SVOCs	Benzyl alcohol (a)	Small sample size. Sample locations are clustered/poorly distributed. Samples are focused in Eco DU-1, Parcel E and just south of Parcel G.	Yes. However, fewer sample locations than that for OPPs than OCPs. Highest density of samples w/ SQLs>ESVs is the Debris Pile. Debris Pile contains the highest SQL/ESV HQ. No apparent hotspots given the poor distribution of sample locations.	Perchlorate sample ID at this location is RIT-3-05. Perchlorate HQ = 60. Perchlorate dilution factor = 100.	Max HQ of 2,000 is cause for additional evaluation; 4x dilution may be contributing factor however, Max HQ @ Max dilution is 300 compared to 2000 High # of SQLs>ESVs (100%) - significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk cannot be ruled out given the high SQLs compared to ESVs and high SQL>ESV frequency. However, benzyl alcohol was eliminated from further evaluation in the OU-1 RI. Dilution is not likely a significant factor.
SVOCs	Benzoic acid (a)	Small sample size. Sample locations are clustered/poorly distributed. Samples are focused in Eco DU-1, Parcel E and just south of Parcel G.	Yes. However, fewer sample locations than that for OPPs than OCPs. Highest density of samples w/ SQLs>ESVs is the Debris Pile. Debris Pile contains the highest SQL/ESV HQ. No apparent hotspots given the poor distribution of sample locations.	Perchlorate sample ID at this location is RIT-3-05. Perchlorate HQ = 60. Perchlorate dilution factor = 100.	Max HQ of 1,000 is cause for additional evaluation; 2x dilution may be contributing. Max HQ @ Max dilution. High # of SQLs>ESVs (100%) - significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk cannot be ruled out given the high SQLs compared to ESVs and high SQL>ESV frequency. However, benzoic acid was eliminated from further evaluation in the OU-1 RI. Dilution is not likely a significant factor.
SVOCs	2,4-Dinitrophenol (a)	Small sample size. Sample locations are clustered/poorly distributed. Samples are focused in Eco DU-1, Parcel E and just south of Parcel G.	Yes. However, fewer sample locations than that for OPPs than OCPs. Highest density of samples w/ SQLs>ESVs is the Debris Pile. Debris Pile contains the highest SQL/ESV HQ. No apparent hotspots given the poor distribution of sample locations.	Perchlorate sample ID at this location is RIT-3-05. Perchlorate HQ = 60. Perchlorate dilution factor = 100.	Max HQ of 200 is cause for additional evaluation; 2x dilution may be contributing. Max HQ @ Max dilution. High # of SQLs>ESVs (100%) - significant ESV Basis: USEPA Region 5 OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk cannot be ruled out given the high SQLs compared to ESVs and high SQL>ESV frequency. However, 2,4-dinitrophenol was eliminated from further evaluation in the OU-1 RI. Dilution is not likely a significant factor.
SVOCs	3,3'-Dichlorobenzidine (a)	Small sample size. Sample locations are clustered/poorly distributed. Samples are focused in Eco DU-1, Parcel E and just south of Parcel G.	Yes. However, fewer sample locations than that for OPPs than OCPs. Highest density of samples w/ SQLs>ESVs is the Debris Pile. Debris Pile contains the highest SQL/ESV HQ. No apparent hotspots given the poor distribution of sample locations.	Perchlorate sample ID at this location is RIT-3-05. Perchlorate HQ = 60. Perchlorate dilution factor = 100.	Max HQ of 200 is cause for additional evaluation; 4x dilution may be contributing. Max HQ @ Max dilution. High # of SQLs>ESVs (85%) - significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk cannot be ruled out given the high SQLs compared to ESVs and high SQL>ESV frequency. However, 3,3'-dichlorobenzidine was eliminated from further evaluation in the OU-1 RI. Dilution is not likely a significant factor.

TABLE J-2g: Uncertainties Regarding Chemicals Not Detected with SQLs Greater than ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Spatial Plot Evaluation			Summary	Overall Observations and Conclusions
		General Spatial Observations	Are Sampling locations for this Chemical Group the Same? Highest density Areas (i.e. Debris Pile)? Are any hotspots apparent?	Spatial Relationship to Perchlorate?		
SVOCs	Hexachloroethane (a)	Small sample size. Sample locations are clustered/poorly distributed. Samples are focused in Eco DU-1, Parcel E and just south of Parcel G.	Yes. However, fewer sample locations than that for OPPs than OCPs. Highest density of samples w/ SQLs>ESVs is the Debris Pile. Debris Pile contains the highest SQL/ESV HQ. No apparent hotspots given the poor distribution of sample locations.	Perchlorate sample ID at this location is RIT-3-05. Perchlorate HQ = 60. Perchlorate dilution factor = 100.	Max HQ of 200 is cause for additional evaluation; 4x dilution may be contributing, however, Max HQ @ Max dilution is 20 compared to 200 High # of SQLs>ESVs (85%) - significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk cannot be ruled out given the high SQLs compared to ESVs and high SQL>ESV frequency. However, hexachloroethane was eliminated from further evaluation in the OU-1 RI. Dilution is not likely a significant factor.
SVOCs	2-Nitroaniline (a)	Small sample size. Sample locations are clustered/poorly distributed. Samples are focused in Eco DU-1, Parcel E and just south of Parcel G.	Yes. However, fewer sample locations than that for OPPs than OCPs. Highest density of samples w/ SQLs>ESVs is the Debris Pile. Debris Pile contains the highest SQL/ESV HQ. No apparent hotspots given the poor distribution of sample locations.	Perchlorate sample ID at this location is RIT-3-05. Perchlorate HQ = 60. Perchlorate dilution factor = 100.	Max HQ of 100 is cause for additional evaluation; 4x dilution may be contributing, however, Max HQ @ Max dilution is 10 compared to 100 High # of SQLs>ESVs (100%) - significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk cannot be ruled out given the high SQLs compared to ESVs and high SQL>ESV frequency. However, 2-nitroaniline was eliminated from further evaluation in the OU-1 RI. Dilution is not likely a significant factor.
SVOCs	2,4-Dimethylphenol (a)	Small sample size. Sample locations are clustered/poorly distributed. Samples are focused in Eco DU-1, Parcel E and just south of Parcel G.	Yes. However, fewer sample locations than that for OPPs than OCPs. Highest density of samples w/ SQLs>ESVs is the Debris Pile. Debris Pile contains the highest SQL/ESV HQ. No apparent hotspots given the poor distribution of sample locations.	Perchlorate sample ID at this location is RIT-3-05. Perchlorate HQ = 60. Perchlorate dilution factor = 100.	Max HQ of 100 is cause for additional evaluation; dilution may be contributing, however, Max HQ @ Max dilution. High # of SQLs>ESVs (84%) - significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk cannot be ruled out given the high SQLs compared to ESVs and high SQL>ESV frequency. However, 2,4-dimethylphenol was eliminated from further evaluation in the OU-1 RI. Dilution is not likely a significant factor.
SVOCs	2,4-Dichlorophenol (a)	Small sample size. Sample locations are clustered/poorly distributed. Samples are focused in Eco DU-1, Parcel E and just south of Parcel G. Few samples have SQLs>ESVs.	Yes. However, fewer sample locations than that for OPPs than OCPs. Highest density of samples w/ SQLs>ESVs is the Debris Pile. Debris Pile contains the highest SQL/ESV HQ. No apparent hotspots given the poor distribution of sample locations.	Perchlorate sample ID at this location is RIT-3-05. Perchlorate HQ = 60. Perchlorate dilution factor = 100.	Max HQ of 40 is cause for additional evaluation. Max HQ @ Max dilution. High # of SQLs>ESVs (16%) - significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk is not expected to be significant based on lower frequency of SQLs exceeding ESVs and lower HQs. Also, 2,4-Dichlorophenol was eliminated from further evaluation in the OU-1 RI. Dilution is not likely a factor for any of the OPPs.
SVOCs	2-Methylphenol (a)	Small sample size. Sample locations are clustered/poorly distributed. Samples are focused in Eco DU-1, Parcel E and just south of Parcel G. Few samples have SQLs>ESVs.	Yes. However, fewer sample locations than that for OPPs than OCPs. Highest density of samples w/ SQLs>ESVs is the Debris Pile. Debris Pile contains the highest SQL/ESV HQ. No apparent hotspots given the poor distribution of sample locations.	Perchlorate sample ID at this location is RIT-3-05. Perchlorate HQ = 60. Perchlorate dilution factor = 100.	Max HQ of 20 is cause for additional evaluation. Max HQ @ Max dilution. High # of SQLs>ESVs (16%) - moderately significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk is not expected to be significant based on lower frequency of SQLs exceeding ESVs and lower HQs. Also, 2-methylphenol was eliminated from further evaluation in the OU-1 RI. Dilution is not likely a factor for any of the OPPs.
SVOCs	Pentachlorophenol	Small sample size. Sample locations are clustered/poorly distributed. Samples are focused in Eco DU-1, Parcel E and just south of Parcel G. Few samples have SQLs>ESVs.	Yes. However, fewer sample locations than that for OPPs than OCPs. Highest density of samples w/ SQLs>ESVs is the Debris Pile. Debris Pile contains the highest SQL/ESV HQ. No apparent hotspots given the poor distribution of sample locations.	Perchlorate sample ID at this location is RIT-3-05. Perchlorate HQ = 60. Perchlorate dilution factor = 100.	Max HQ of 5 is not cause for concern. Max HQ @ Max dilution. High # of SQLs>ESVs (4%) - low significance ESV Basis: Eco SSL OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk is not expected to be significant based on lower frequency of SQLs exceeding ESVs and lower HQs. Also, pentachlorophenol was eliminated from further evaluation in the OU-1 RI. Dilution is not likely a factor for any of the OPPs.

TABLE J-2g: Uncertainties Regarding Chemicals Not Detected with SQLs Greater than ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Spatial Plot Evaluation			Summary	Overall Observations and Conclusions
		General Spatial Observations	Are Sampling locations for this Chemical Group the Same? Highest density Areas (i.e. Debris Pile)? Are any hotspots apparent?	Spatial Relationship to Perchlorate?		
SVOCs	n-Nitrosodiphenylamine	Small sample size. Sample locations are clustered/poorly distributed. Samples are focused in Eco DU-1, Parcel E and just south of Parcel G. Few samples have SQLs>ESVs.	Yes. However, fewer sample locations than that for OPPs than OCPs. Highest density of samples w/ SQLs>ESVs is the Debris Pile. Debris Pile contains the highest SQL/ESV HQ. No apparent hotspots given the poor distribution of sample locations.	Perchlorate sample ID at this location is RIT-3-05. Perchlorate HQ = 60. Perchlorate dilution factor = 100.	Max HQ of 5 is not cause for concern. Max HQ @ Max dilution. High # of SQLs>ESVs (4%) - low significance ESV Basis: USEPA Region 5 OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk is not expected to be significant based on lower frequency of SQLs exceeding ESVs and lower HQs. Also, n-nitrosodiphenylamine was eliminated from further evaluation in the OU-1 RI. Dilution is not likely a factor for any of the OPPs.
SVOCs	4-Chloroaniline	Small sample size. Sample locations are clustered/poorly distributed. Samples are focused in Eco DU-1, Parcel E and just south of Parcel G. Few samples have SQLs>ESVs.	Yes. However, fewer sample locations than that for OPPs than OCPs. Highest density of samples w/ SQLs>ESVs is the Debris Pile. Debris Pile contains the highest SQL/ESV HQ. No apparent hotspots given the poor distribution of sample locations.	Perchlorate sample ID at this location is RIT-3-05. Perchlorate HQ = 60. Perchlorate dilution factor = 100.	Max HQ of 4 is not cause for concern. Max HQ @ Max dilution. High # of SQLs>ESVs (4%) - low significance ESV Basis: LANL OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk is not expected to be significant based on lower frequency of SQLs exceeding ESVs and lower HQs. Also, 4-chloroaniline was eliminated from further evaluation in the OU-1 RI. Dilution is not likely a factor for any of the OPPs.
VOCs	Ethylene glycol	ngle location on east side of Eco DU-2 just north of	Single sample. Not located at Debris Pile. Evaluation of hotspots not possible given sample size of 1.	Ethylene glycol - plot not placed on Portal. This sample ID is not shown on Portal.	Max HQ of 100 is cause for additional evaluation. Max HQ @ Max dilution. High # of SQLs>ESVs (100%) - high significance ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	There was only a single sample analyzed so SQL/ESV HQ of 100 and exceedance frequency of 100% are not a factor.
General Chemistry	Bromomethane	Extensive sampling throughout OU-1 particularly in Eco DU-1. SQLs<ESVs at most locations.	No. Sampling locations for bromomethane and ethylene glycol are not the same as there is only a single sampling location for ethylene glycol. No hotspots or clustering of samples where highest SQL/ESV ratios are apparent. No apparent hotspots.	Many similar sampling locations to perchlorate but there are fewer locations for bromomethane and there are no bromomethane sample locations at the Debris Pile.	Max HQ of 6 is not cause for concern; dilution not a significant factor Low # of SQLs>ESVs (9%): Not significant ESV Basis: ECOSAR OU-1 RI Site COPC: No Spatial Analysis: Nothing remarkable	Contribution to risk is not expected to be significant based on lower frequency of SQLs exceeding ESVs and lower HQs. Also, 4-chloroaniline was eliminated from further evaluation in the OU-1 RI. Dilution is not likely a factor for any of the OPPs.

Notes:
(a) "No" = Excluded as a COPC in the OU-1/OU-2 RI as constituent concentrations are below leaching and human health screening levels.
(b) Eco SSL is the highest bounded NOAEL for mammals based on a 1970s rat study (Harr, J. R., Claeys, R. R., Bone, J. F., and Mccorcle, T. W. 1970. Dieldrin Toxidosis: Rat Reproduction. Am J Vet Res. 31(1): 181-9. Ref ID: 988). https://www.cabdirect.org/cabdirect/abstract/19701407788 OSU-Wistar lab rats, 28d old, fed dieldrin in diet. Measured lethality to adults and embryos, fertility, and dieldrin concentrations in tissue. Maximum dietary exposure to dieldrin consistent with normal reproduction was 0.014 ug/g bodyweight per day.

(c) Sample locations are clustered rather than randomly distributed. Only analyzed in northern Eco DU-1 and in cluster in Eco DU-2 south of Parcel G. The chemicals identifed for this footnote have exactly the same sample locations.
(d) Eco SSL is the lowest TRV for reproduction, growth, or survival from a 1980 chicken study (Stedman, Thomas M. Jr., Booth, Nicholas H., Bush, Parshall B., Page, Robert K., and Goetsch, Dennis D. 1980. Toxicity and bioaccumulation of pentachlorophenol in broiler chickens. Poult. Sci. 59(5): 1018-26. Ref ID. 6573.) https://pubmed.ncbi.nlm.nih.gov/7393838/.

COPC = Contaminant of Potential Concern
DU-1 = Decision unit 1
ECOSAR = Ecological Structure Activity Relationships Predictive Model
ESV = Ecological Screening Value
HQ = Hazard Quotient
ID = Identification
LANL = Los Alamos National Laboratory
Max = Maximum
OCP = Organochlorine pesticides
OPP = Organophosphorous pesticides
OU-1 = Operable Unit 1
R4 = Region 4
RI = Remedial Investigation
SQL = Sample quantitation limit
SVOC = Semivolatile organic compounds
VOC = Volatile organic compounds

TABLE J-2h: Uncertainties Regarding Chemicals Not Detected with SQLs Greater than ESVs: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Max HQs				Analysis Dates Range (Max HQ Date)	Max Dilutions			ESV Basis	Site-Related and Constituent of Concern as defined in the OU-1 RI Text (Yes/No)? (a)
		Max HQ	% HQS>1	Sample ID @ Max HQ	Dilution @ Max HQ		Max Dilution	Max HQ @ Max Dilution	Sample ID @ Max Dilution		
SVOC	Di-n-butylphthalate	9	100%	RISB-EJ-04-1.0-20180925 / RISB-ER-01-1.0-20180925	1x	Sep-18	1x	9	RISB-EJ-04-1.0-20180925 & RISB-ER-01-1.0-20180925	USEPA Region 4 - Birds	Eliminated from further evaluation
OCP	alpha-BHC	5	100%	RISB-EJ-04-1.0-20180925 / RISB-ER-01-1.0-20180925	1x	Sep-18	1x	5	RISB-EJ-04-1.0-20180925 / RISB-ER-01-1.0-20180925	USEPA Region 4 Inverts	Eliminated after additional evaluation. Detected at a rate of 5% or less, fewer than 10 samples exceeded the screening level, and the maximum concentration less than a factor of 20 above the screening level.
SVOC	bis(2-Ethylhexyl)phthalate	5	100%	RISB-EJ-04-1.0-20180925	1x	Sep-18	1x	5	RISB-EJ-04-1.0-20180925	USEPA Region 4 - Birds	Eliminated from further evaluaiton

TABLE J-2h: Uncertainties Regarding Chemicals Not Detected with SQLs Greater than ESVs: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	Spatial Plot Evaluation			Summary	Overall Observations and Conclusions
		General Spatial Observations	Are Sampling locations for Chemicals Measured in Parcel E the Same? Highest density Areas Are any hotspots apparent?	Spatial Relationship to Perchlorate?		
SVOC	Di-n-butylphthalate	No sample locations in the Operaitons Area. The sample locations for all constituents measured in Parcel E are the same. No pattern of hot spots or clustering of samples where SQL/ESV ratios are highest is apparent.	Yes. No high density area No apparent hotspots	Perchlorate SQL/ESV HQs are higher in Parcel E than they are for Di-n-butylphthalate. Locations with highest HQ is not related to Perchlorate locations with highest HQ.	Max HQ of 9 is not cause for concern; dilution not a contributing factor. High # of SQLs>ESVs (100%) - significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk is not expected to be significant based on low HQs. Also, Di-n-butylphthalate was eliminated from further evaluation in the OU-1 RI. Dilution is not a factor.
OCP	alpha-BHC	No sample locations in the Operaitons Area. The sample locations for all constituents measured in Parcel E are the same. No pattern of hot spots or clustering of samples where SQL/ESV ratios are highest is apparent.	Yes. No high density area No apparent hotspots	Perchlorate SQL/ESV HQs are higher in Parcel E than they are for alpha-BHC. Locations with highest HQ is not related to Perchlorate locations with highest HQ.	Max HQ of 5 is not cause for concern; dilution not a contributing factor. High # of SQLs>ESVs (100%) - significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk is not expected to be significant based on low HQs. Also, alpha-BHC was eliminated from further evaluation in the OU-1 RI. Dilution is not a factor.
SVOC	bis(2-Ethylhexyl)phthalate	No sample locations in the Operaitons Area. The sample locations for all constituents measured in Parcel E are the same. No pattern of hot spots or clustering of samples where SQL/ESV ratios are highest is apparent.	Yes. No high density area No apparent hotspots	Perchlorate SQL/ESV HQs are higher in Parcel E than they are for bis(2-Ethylhexyl)phthalate. Locations with highest HQ is not related to Perchlorate locations with highest HQ.	Max HQ of 5 is not cause for concern; dilution not a contributing factor. High # of SQLs>ESVs (100%) - significant ESV Basis: ECOSAR OU-1 RI COPC: No Spatial Analysis: Nothing remarkable/No hotspots campared to key OU-1 RI COPCs	Contribution to risk is not expected to be significant based on low HQs. Also, bis(2-Ethylhexyl)phthalate was eliminated from further evaluation in the OU-1 RI. Dilution is not a factor.

Notes:
(a) "No" = Excluded as a COPC in the OU-1/OU-2 RI as constituent concentrations are below leaching and human health screening levels.
BHC = Hexachlorocyclohexane
COPC = Contaminant of Potential Concern
ECOSAR = Ecological Structure Activity Relationships Predictive Model
ESV = Ecological Screening Value
HQ = Hazard Quotient
ID = Identification
Max = Maximum
OCP = Organochlorine pesticides
OU-1 = Operable Unit 1
R4 = Region 4
RI = Remedial Investigation
SQL = Sample quantitation limit
SVOC = Semivolatile organic compounds

APPENDIX J-3
SUMMARY OF CHEMICALS NOT DETECTED LACKING ESVS

Table J-3a Summary of Chemicals Not Detected Lacking ESVs: Operations Area
Table J-3b Summary of Chemicals Not Detected Lacking ESVs: Parcel E

TABLE J-3a: Summary of Chemicals Not Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	CASRN	Sample Count
General Chemistry	Chlorite	7758-19-2	7
General Chemistry	Hydroxide	14280-30-9	37
OCPs	delta-BHC	319-86-8	126
OCPs	Endosulfan II	33213-65-9	126
OCPs	Endrin ketone	53494-70-5	126
OPPs	Coumaphos	56-72-4	50
OPPs	Dasanit	115-90-2	50
OPPs	Demeton (O + S)	8065-48-3	25
OPPs	Demeton-O	298-03-3	50
OPPs	Demeton-S	126-75-0	50
OPPs	Dichlorovos	62-73-7	50
OPPs	Disulfoton	298-04-4	50
OPPs	EPN	2104-64-5	50
OPPs	Ethoprop	13194-48-4	50
OPPs	Famphur	52-85-7	50
OPPs	Fenthion	55-38-9	50
OPPs	Merphos	150-50-5	50
OPPs	Methyl parathion	298-00-0	50
OPPs	Mevinphos	7786-34-7	50
OPPs	Naled	300-76-5	50
OPPs	Phorate	298-02-2	50
OPPs	Prothiophos	34643-46-4	50
OPPs	Ronnel	299-84-3	50
OPPs	Sulfotepp	3689-24-5	50
OPPs	Sulprofos	35400-43-2	50
OPPs	Thionazin	297-97-2	50
OPPs	Trichloronate	327-98-0	50
Organics	4-Chlorobenzenesulfonic acid	98-66-8	13
Organics	Benzenesulfonic acid	98-11-3	13
Organics	Diethylphosphorodithioate	298-06-6	13
Organics	o,o-Dimethyl Phosphorodithioate	756-80-9	13
Organics	Phthalic acid	88-99-3	34
SVOCs	1,2-Diphenylhydrazine	122-66-7	7
SVOCs	1,4-Dioxane	123-91-1	184
SVOCs	2,2'-/4,4'-Dichlorobenzil	DICHLOROBENZIL	7
SVOCs	2-Nitrophenol	88-75-5	45
SVOCs	3-Nitroaniline	99-09-2	46
SVOCs	4-Bromophenyl-phenyl ether	101-55-3	46
SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	46
SVOCs	4-Chlorothioanisole	123-09-1	7
SVOCs	4-Chlorothiophenol	106-54-7	7
SVOCs	4-Nitroaniline	100-01-6	46
SVOCs	Acetophenone	98-86-2	7
SVOCs	Aniline	62-53-3	46
SVOCs	Azobenzene	103-33-3	7
SVOCs	Benzenethiol	108-98-5	7
SVOCs	Benzidine	92-87-5	33
SVOCs	bis(2-Chloro-1-methylethyl) ether	108-60-1	7
SVOCs	bis(2-Chloroethoxy)methane	111-91-1	46
SVOCs	bis(2-Chloroethyl) ether	111-44-4	46
SVOCs	bis(4-Chlorophenyl) disulfide	1142-19-4	7
SVOCs	bis(4-Chlorophenyl) sulfone	80-07-9	7
SVOCs	Diphenyl disulfide	882-33-7	7
SVOCs	Diphenyl sulfide	139-66-2	7
SVOCs	Diphenyl sulfone	127-63-9	7
SVOCs	Hydroxymethyl phthalimide	118-29-6	7
SVOCs	n-Nitroso-di-n-propylamine	621-64-7	46
SVOCs	Pyridine	110-86-1	224
VOCs	1,1-Dichloropropene	563-58-6	171

TABLE J-3a: Summary of Chemicals Not Detected Lacking ESVs: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	CASRN	Sample Count
VOCs	1,2,3-Trichloropropane	96-18-4	171
VOCs	1,2-Dibromo-3-chloropropane	96-12-8	171
VOCs	1,2-Dibromoethane	106-93-4	164
VOCs	1,3-Dichloropropane	142-28-9	171
VOCs	1-Chlorohexane	544-10-5	1
VOCs	2,2,3-Trimethylbutane	464-06-2	7
VOCs	2,2-Dichloropropane	594-20-7	171
VOCs	2,2-Dimethylpentane	590-35-2	7
VOCs	2,3-Dimethylpentane	565-59-3	7
VOCs	2,4-Dimethylpentane	108-08-7	7
VOCs	2-Chlorotoluene	95-49-8	171
VOCs	2-Methylhexane	591-76-4	7
VOCs	2-Nitropropane	79-46-9	7
VOCs	3,3-Dimethylpentane	562-49-2	7
VOCs	3-Ethylpentane	617-78-7	7
VOCs	3-Methylhexane	589-34-4	7
VOCs	4-Chlorotoluene	106-43-4	171
VOCs	Acetonitrile	75-05-8	7
VOCs	Bromobenzene	108-86-1	171
VOCs	Bromochloromethane	74-97-5	171
VOCs	Chloroethane	75-00-3	171
VOCs	cis-1,3-Dichloropropene	10061-01-5	171
VOCs	Dibromochloromethane	124-48-1	171
VOCs	Dibromomethane	74-95-3	171
VOCs	Dichlorodifluoromethane	75-71-8	171
VOCs	Diisopropyl ether	108-20-3	164
VOCs	Dimethyl disulfide	624-92-0	7
VOCs	Ethanol	64-17-5	9
VOCs	Freon 113	76-13-1	9
VOCs	Methanol	67-56-1	1
VOCs	n-Heptane	142-82-5	7
VOCs	n-Nonyl aldehyde	124-19-6	7
VOCs	sec-Butylbenzene	135-98-8	171
VOCs	t-Amyl methyl ether	994-05-8	164
VOCs	tert-Butylbenzene	98-06-6	171
VOCs	trans-1,3-Dichloropropene	10061-02-6	171
VOCs	Vinyl acetate	108-05-4	7

Notes:
BHC = Benzene hexachloride
CASRN = Chemical Abstract Service Registry Number
EPN = O-Ethyl O-(4-nitrophenyl) phenylphosphonothioate
ESVs = Ecological screening values
OCPs = Organochlorine pesticides
OPPs = Organophosphate pesticides
SVOCs = Semivolatile organic compounds
VOCs = Volatile organic compounds

TABLE J-3b: Summary of Chemicals Not Detected Lacking ESVs: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	CASRN	Sample Count
General Chemistry	Chlorite	7758-19-2	8
General Chemistry	Nitrite	14280-30-9	8
General Chemistry	ortho-Phosphate	319-86-8	3
OCPs	delta-BHC	33213-65-9	8
OCPs	Endosulfan II	53494-70-5	8
OCPs	Endrin ketone	56-72-4	8
OPPs	Coumaphos	115-90-2	8
OPPs	Dasanit	8065-48-3	8
OPPs	Demeton (O + S)	298-03-3	8
OPPs	Dichlorovos	126-75-0	8
OPPs	Dimethoate	62-73-7	8
OPPs	Disulfoton	298-04-4	8
OPPs	EPN	2104-64-5	8
OPPs	Ethoprop	13194-48-4	8
OPPs	Famphur	52-85-7	8
OPPs	Fenthion	55-38-9	8
OPPs	Merphos	150-50-5	8
OPPs	Methyl parathion	298-00-0	8
OPPs	Mevinphos	7786-34-7	8
OPPs	Phorate	300-76-5	8
OPPs	Propazine	298-02-2	8
OPPs	Prothiophos	34643-46-4	8
OPPs	Ronnel	299-84-3	8
OPPs	Sulfotepp	3689-24-5	8
OPPs	Sulprofos	35400-43-2	8
OPPs	Thionazin	297-97-2	8
OPPs	Trichloronate	327-98-0	8
Organics	Acetic acid	98-66-8	8
Organics	Butyric acid	98-11-3	8
Organics	Formic acid	298-06-6	8
Organics	Lactic acid	756-80-9	8
Organics	Propionic acid	88-99-3	8
Organics	Pyruvic acid	122-66-7	8
SVOCs	2-Chloronaphthalene	123-91-1	8
SVOCs	2-Nitrophenol	DICHLOROBENZIL	8
SVOCs	3-Nitroaniline	88-75-5	8
SVOCs	4-Bromophenyl-phenyl ether	99-09-2	8
SVOCs	4-Chloro-3-methylphenol	101-55-3	8
SVOCs	4-Chlorophenyl-phenyl ether	7005-72-3	8
SVOCs	4-Nitroaniline	123-09-1	8
SVOCs	Aniline	106-54-7	2
SVOCs	Benzidine	100-01-6	1
SVOCs	bis(2-Chloroethoxy)methane	98-86-2	8
SVOCs	bis(2-Chloroethyl) ether	62-53-3	8
SVOCs	Isophorone	103-33-3	8
SVOCs	n-Nitroso-di-n-propylamine	108-98-5	8
SVOCs	Octachlorostyrene	92-87-5	8
SVOCs	Pyridine	108-60-1	8
VOCs	1,1-Dichloropropene	1142-19-4	8
VOCs	1,2,3-Trichloropropane	80-07-9	8
VOCs	1,2-Dibromo-3-chloropropane	882-33-7	8
VOCs	1,2-Dibromoethane	139-66-2	8
VOCs	1,3-Dichloropropane	127-63-9	8
VOCs	2,2-Dichloropropane	118-29-6	8
VOCs	2-Chlorotoluene	621-64-7	8
VOCs	4-Chlorotoluene	110-86-1	8
VOCs	Bromobenzene	TPH-gasoline	8
VOCs	Bromochloromethane	563-58-6	8
VOCs	Bromodichloromethane	96-18-4	8

TABLE J-3b: Summary of Chemicals Not Detected Lacking ESVs: Parcel E
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical Group	Chemical Name	CASRN	Sample Count
VOCs	Chloroethane	96-12-8	8
VOCs	Chloromethane	106-93-4	8
VOCs	cis-1,3-Dichloropropene	142-28-9	8
VOCs	Dibromochloromethane	544-10-5	8
VOCs	Dibromomethane	464-06-2	8
VOCs	Dichlorodifluoromethane	594-20-7	8
VOCs	Diisopropyl ether	590-35-2	8
VOCs	Ethyl tert-butyl ether	565-59-3	8
VOCs	Methyl tert-butyl ether	108-08-7	8
VOCs	sec-Butylbenzene	95-49-8	8
VOCs	t-Amyl methyl ether	591-76-4	8
VOCs	tert Butyl alcohol	79-46-9	8
VOCs	tert-Butylbenzene	562-49-2	8
VOCs	trans-1,3-Dichloropropene	617-78-7	8

Notes:
BHC = Benzene hexachloride
CASRN = Chemical Abstract Service Registry Number
EPN = O-Ethyl O-(4-nitrophenyl) phenylphosphonothioate
ESVs = Ecological screening values
OCPs = Organochlorine pesticides
OPPs = Organophosphate pesticides
SVOCs = Semivolatile organic compounds
TPH = Total petroleum hydrocarbons
VOCs = Volatile organic compounds

APPENDIX J-4
UNCERTAINTIES ASSOCIATED WITH DIOXIN AND FURAN BIOACCUMULATION FACTORS FOR SOIL INVERTEBRATES

Prepared for
Nevada Environmental Response Trust

Project Number
1690020169-008

Prepared by
Ramboll
Emeryville, California

Date
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UNCERTAINTIES ASSOCIATED WITH DIOXIN AND FURAN BIOACCUMULATION FACTORS FOR SOIL INVERTEBRATES

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE HENDERSON, NEVADA

RAMBOLL

Date **July 2021**

Description **Uncertainties Assessment**

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FIGURES

Figure J4-1 TOC in Operations Area Soil Samples from Lowest to Highest
Figure J4-2 TCDD TEQ Uptake Based on Operations Area TOC Sample Concentrations

ACRONYMS AND ABBREVIATIONS

95% UCL	95th percentile upper confidence limit of the mean
AUF	area use factor
BAF	bioaccumulation factor
C_s	concentration in soil
C_w	concentration in soil pore water
C_{worm}	concentration in worm
DL	detection limit
dw	dry weight
Eco-SSL	ecological soil screening level
EPC	exposure point concentration
f_{oc}	fraction of organic carbon in soil
FWM	food web model
HQ	hazard quotient
IP	Imerman Park
K_d	soil to water partitioning coefficient
K_{oc}	organic carbon to water partitioning coefficient
K_{ow}	octanol-water partitioning coefficient
K_{ww}	biota to soil water partitioning coefficient
L	liter
LOAEL	lowest observed adverse effects level
mg/kg	miligrams per kilogram
mg/L	miligrams per liter
ND	nondetects
ng/kg	nanograms per kilogram
NOAEL	no observed adverse effects level
OU-1	Operable Unit 1
SLERA	screening level ecological risk assessment
TCDD	2,3,7,8-tetrachlorodibenzodioxin
TEQ	toxicity equivalents quotient
TOC	total organic carbon
TRV	toxicity reference value
TTP	Titabawassee Township Park
USEPA	United States Environmental Protection Agency
ww	wet weight

1. INTRODUCTION

The uptake of 2,3,7,8-tetrachlorodibenzodioxin toxicity equivalents (TCDD TEQs) used in the OU-1 Refined Screening-Level Ecological Risk Assessment (OU-1 refined SLERA) for the Operable Unit 1 (OU-1) Refined SLERA Area is a value that is uncertain and therefore, this uncertainty assessment is provided in this appendix.

This appendix explores and describes the uncertainties around the uptake value used in the OU-1 refined SLERA and shows what the hazard quotients (HQs) would be if other bioaccumulation factors (BAFs) were used[1]. The majority of BAFs for uptake from soil to earthworms are based on models for highly exposed soil invertebrates, such as earthworms. Due to the habitat present at OU-1, earthworms are not likely to be the primary soil invertebrates eaten by soil invertebrate mammals and birds. The BAFs described in this appendix range over four orders of magnitude and affect the food web model provided in the OU-1 refined SLERA. This appendix provides an uncertainty analysis showing the influence of BAFs on the the estimated risks from dioxins and furans

The remainder of this appendix is organized as follows:

- Section 2.0 – Literature Uptake Factors
- Section 3.0 – The Effect of Invertebrate BAFs on the Food Web Model
- Section 4.0 – Uncertainties
- Section 5.0 – References

[1] Total organic carbon (TOC) concentrations were available for the Operations Area but were not available for Parcel E. As such, this uncertainty section focuses on the Operations Area of OU-1, but is also applicable to Parcel E.

2. LITERATURE UPTAKE FACTORS

2.1 Calculated Using Eco-SSL Guidance

The United States Environmental Protection Agency's Ecological Soil Screening Level (USEPA Eco-SSL) guidance document (USEPA 2007) develops a mathematical approximation for uptake factors of non-ionic organic constituents from soil into earthworms based on a series of equations that take into account the octanol-water partitioning coefficient (K_{ow}), the lipid fraction of the earthworms, the organic carbon content of the soil, and the soil organic carbon (total organic carbon or TOC) to water partitioning coefficient (K_{oc}). This means that the uptake of dioxins and furans (as well as other hydrophobic persistent organic pollutants) is governed by the balance between the organic carbon in the soil and the lipids of the receptor mediated by the amount of the constituent that can be dissolved in soil porewater.

The USEPA (2007) states:

$$C_{worm} = K_{ww} \times C_w \qquad \text{(Equation 1)}$$

Where:

C_{worm} = concentration in worm in miligrams per kilogram wet weight (mg/kg ww)

K_{ww} = biota to soil water partitioning coefficient in liters per kilogram wet weight tissue (L soil pore water/kg ww tissue)

C_w = concentration in soil pore water in miligrams per liter (mg/L)

Note that the Eco-SSL also includes a conversion to dry weight. As the food web model for this project was built using a wet-weight animal diet, that conversion is not needed here.

And K_{ww} is calculated from the following equation:

$$\text{Log}(K_{ww}) = 0.87 \times \text{Log}\ (K_{ow}) - 2 \qquad \text{(Equation 2)}$$

Where:

K_{ow} = octanol-water partitioning coefficient

The concentration of the constituent in soil pore water is calculated as:

$$C_w = \frac{C_s}{K_d} \qquad \text{(Equation 3)}$$

Where:

C_w = Concentration in soil porewater (mg/L)

C_s = Concentration in soil (mg/kg dry weight [dw] soil)

K_d = soil to water partitioning coefficient (L soil pore water/kg dw soil)

And:

$$K_d = f_{oc} \times K_{oc} \qquad \text{(Equation 4)}$$

Where

f_{oc} = fraction of organic carbon in soil (kg organic carbon/kg soil)

K_{oc} = soil organic carbon to water partitioning coefficient (L soil pore water/kg organic carbon)

Equations 1, 3, and 4 can be combined as:

$$C_{worm} = \frac{K_{ww} \times C_{soil}}{f_{oc} \times K_{oc}} \qquad \text{(Equation 5)}$$

Equation 5 can be rearranged to isolate C_{soil} so that the latter half of the equation functions as a BAF.

$$C_{worm} = C_{soil} \times \left(\frac{K_{ww}}{f_{oc} \times K_{oc}}\right) \qquad \text{(Equation 6)}$$

Equation 2 can then be rearranged to solve for K_{ww}:

$$K_{ww} = 10^{(0.87 \times \text{Log } (K_{ow}) - 2)} \qquad \text{(Equation 7)}$$

This mathematical approach is suitable for TCDD TEQs. The log(K_{ow}) for (TCDD) is 6.8 (USEPA 2000), so K_{ww} from Equation 7 can be calculated as follows:

$$K_{ww} = 10^{(0.87 \times 6.8 - 2)}$$

$$K_{ww} = 8{,}242$$

The soils in the Operations Area average 0.23% organic carbon, or a f_{oc} of 0.0023.

The K_{oc} for TCDD is 3.98×10^6 (USEPA, 2000).

Therefore, using Equation 4 and solving for K_d results in the following:

$$K_{d} = f_{oc} \times K_{oc}$$

$$K_d = 0.0023 \times \left(3.98 \times 10^6\right)$$

$$K_d = 9{,}154$$

Therefore, using Equation 6, and solving for C_{worm}:

$$C_{worm} = C_{soil} \times \left(\frac{K_{ww}}{f_{oc} \times K_{oc}}\right) \qquad \text{(Equation 8)}$$

$$C_{worm} = C_{soil} \times \left(\frac{8{,}242}{9{,}154}\right)$$

$$C_{worm} = C_{soil} \times 0.90$$

The site-specific uptake factor for dioxin and furan TEQs (as TCDD) is 0.90 times the concentration in soil, for wet weight earthworms based on the average concentration of TOC in the soil in the Operations Area.

Table J4-1 and Figure J4-1 show the TOC values in the Operations Area. They range from nondetects at a detection limit of 300 mg/kg to 15,800 mg/kg and the average is 2,315 mg/kg. This represents soil that has generally low TOC. Figure J4-2 shows the range of TEQ uptake values represented by these TOC values. The average value of 2,315 mg/kg may not be the best way to characterize the soil in the Operations Area. Table J4-2 and the

table below show the TEQ uptake values calculated for the average, 85th percentile, 95th percentile, 99th percentile, and maximum TOC values. This shows TEQ uptake values can vary across the Operations Area by a factor of nearly 7x just based on the soil TOC concentrations.

f_{oc} Value	Uptake Factor in Wet Weight
Average f_{oc} nondetects counted as ½ the detection limit (ND=0.5*DL)	0.90
85th percentile f_{oc} (ND=0.5*DL)	0.40
95th percentile f_{oc} (ND=0.5*DL)	0.24
99th percentile f_{oc} (ND=0.5*DL)	0.17
Maximum f_{oc}	0.13

2.2 USEPA Region 6

Another option for invertebrate TCDD uptake values is the USEPA's Region 6 compilation of uptake values (USEPA 1999). They suggest a BAF value of 1.59 (for wet weight earthworms) based on an average of two studies that contain a total of 5 different BAFs based on 20 day exposures. Four of those values are based on earthworms.

2.3 Earthworms Versus Terrestrial Insects

The uptake factors to this point have focused on earthworms. Earthworms are an ideal receptor to use for calculation of uptake values. They are relatively large terrestrial invertebrates that provide adequate tissue for analysis, they are easy to collect in the field, they have relatively high uptake values given their close contact with soil and relatively thin cuticle which produces conservatively high uptake values compared to other receptors, and they are ecologically important. However, since Nevada is part of the American desert "*the distribution and presence of earthworms will be closely associated with habitats that remain moist and protected from extreme temperature changes*" (Reynolds 2015). The on-Site soils are mostly sandy, dry, and compacted and provide little moisture and protection for earthworms (see photolog in Appendix B and Section 2.1.2 of the OU-1 Refined SLERA Report). Particularly, the surface of the OU-1 Site is primarily Quaternary alluvial deposits that slope north toward the Wash. The alluvium consists of a reddish-brown heterogeneous mixture of well-graded sand and gravel with lesser amounts of silt, clay, and caliche (Ramboll 2021). Clasts within the alluvium are primarily composed of volcanic material. Boulders and cobbles are common. Caliche (or hardpan) is essentially a type of naturally-occurring concrete where the particles of soil have been cemented together by mineral precipitation that is common in Nevada. This is not the type of soil where earthworms can flourish. Although they are a good, appropriately-conservative starting point, uptake factors for earthworms are not the most appropriate values for this Site.

2.4 Uptake Values for Insects From Literature

Table J4-3 shows uptake values from two studies (Young et al. 1987 and Kay et al. 2005) that specifically have soil and non-earthworm invertebrate concentrations of TCDD that can be used to calculate BAFs.

2.4.1 Calculation of TCDD Uptake Factors (Young et al. 1987)

There is a paucity of TCDD/TEQ uptake factors for terrestrial insects. An intensive field study in Florida measured TCDD in soil and TCDD in insects (Young et al. 1987). Soil concentrations of TCDD were measured in three areas, though the authors state "*most of the racerunners, snakes, toads and soil-borne insects were captured on Grid I*" (Young et al. 1987). TCDD concentrations in insects ranged from not detected in grasshoppers to 238 parts per trillion in beetle grubs. This data allows for calculation of TCDD uptake factors either based on the average soil concentration, or the Grid I soil concentration by dividing the animal concentration by the soil concentration (USEPA 2007 defines a BCF as a factor representing the ratio between the concentration in the food and the concentration in the soil) (as shown in Table J4-3 and the tables shown below). Grid I is of particular interest because that is where the author found the bulk of the insects.

Young 1987 Table 3	Number of Samples	Soil TCDD in Parts Per Trillion		
		Range	Median	Mean
Grid I	22	<10-1,500	110	325
Grid II	6	<10-470	30	115
Grid IV	26	<10-150	20	30
			Average	157

Young 1987 Table 7	Invertebrate TCDD in Parts Per Trillion	Calculated TCDD BAF Based on Average Concentration	Calculated TCDD BAF Based on Grid I Concentration
Grasshoppers	ND	--	--
Crickets (minimum)	18	0.11	0.06
Crickets (maximum)	26	0.17	0.08
Soil/Plant Insects	40	0.26	0.12
Burrow Spiders	115	0.73	0.35
Beetle Grubs	238	1.52	0.73
Average of Invertebrates		**0.56**	**0.27**

The author does not specify whether this value is in wet weight or dry weight. Assuming that the value is in wet weight is conservative because it leads to higher uptake values.

2.4.2 Calculation of TCDD Uptake Factors (Kay et al. 2005)

Kay et al. (2005) surveyed soil and wildlife concentrations of TCDD near the Tittabawassee River in Michigan. They have co-located soil concentrations and animal concentrations that allow for calculation of BAFs for the reference area and two study areas (Tittabawasse Township Park or TTP and Imerman Park or IP) (as shown in Table J4-3 and the following

table). The study areas have TCDD concentrations three orders of magnitude higher than the reference area. Because the soil concentrations are relatively similar at the TTP and IP sites, the table below also presents the average of the two sites. These are values for wet weight organisms, so no conversion is needed.

Kay 2005 Table 2	TCDD TEQ nanograms per kilogram (ng/kg) ww			Calculated BAF Based on Soil From		
	Reference Mean	TTP Location Mean	IP Location Mean	Reference Mean	TTP Location Mean	IP Location Mean
Soil	2.04	2,530	2,450	--	--	--
Depurated earthworms	0.612	83.5	76.1	0.30	0.033	0.031
Fresh earthworms	0.686	129	96.4	0.34	0.051	0.039
Terrestrial, non-earthworm invertebrates	1.13	15.8	28.7	0.55	0.0062	0.0120
Terrestrial, non-earthworm invertebrates average of TTP and IP Locations	1.13	22.25		0.55	0.009	

2.5 BAFs Also Vary With TEQ Concentration

The BAFs in both studies are strongly dependent on the concentration of TCDD in the soil. The areas with higher concentrations of TCDD have lower BAFs and the areas with lower concentrations of TCDD have higher BAFs. In the reference area, the earthworms have lower BAFs than the non-earthworm invertebrates. In the study areas, the earthworms have higher BAFs than the non-earthworm invertebrates. This indicates that uptake factors in the OU-1 Refined SLERA Area are likely dependent on TCDD TEQ concentrations, as well as TOC, and other soil characteristics. Table J4-4 shows a summary of these values.

The Site TEQs are directly comparable to the Young et al. (1987) and Kay et al. (2005) studies (as shown in Tables J4-3 and J4-4, and the following table). Those studies measured TCDD uptake. The toxicity equivalency factor for TCDD for both birds and mammals is 1, so 1 nanogram per kilogram (ng/kg) of TCDD equals 1 ng/kg of TEQ.

Study	Average TEQ ng/kg	High End TEQ[a] ng/kg
Young 1987	157	325
Kay 2005	2.04	2,530
OU-1 Refined SLERA Area: Avians	920	1,443
OU-1 Refined SLERA Area: Mammals	478	870

a. High end concentrations for literature-based studies represent the maximum of calculated mean concentrations, and 95% UCLs for the OU-1 refined SLERA.

Of the samples for avian TEQs at the Operations Area, 165 or 68% are less than 325 ng/kg. For the mammalian TEQ samples at the Operations Area, 183 or 76% are less than 325 ng/kg. The Operations Area is most likely to have uptake values more similar to the lower end TCDD sites in the studies than the higher end TCDD sites in the studies.

2.6 Summary of Uptake Factors

In the OU-1 Refined SLERA Area, this leaves us with a variety of possible options for invertebrate uptake values for TCDD. This uncertainty analysis explores five of those values covering three orders of magnitude (as shown in Table J4-5 and the following table).

Uptake to Terrestrial Invertebrates	**BAF (ww)**
Lowest Literature BAF	0.00898
Uptake factor used for OU-1 refined SLERA (see main text)	0.19
Calculated using Eco-SSL formula at average TOC	0.90
Average Literature BAF	0.39
USEPA Region 6	1.59

However, during the site reconnaissance, a trained ecologist noted that the actual distribution of invertebrates at the site was roughly 45% crickets, 45% other insects, and 10% burrowing spiders, or other organisms like scorpions with a similar lifestyle, trophic level, and exposure patterns. A weighted average of the high-and-low end studies for these organisms results in a BAF of 0.19, as shown in the following table.

Calculation of a Weighted Average BAF for the OU-1 Refined SLERA Area			
	BAF	**%**	**Contribution**
Crickets (average of 4 values)	0.104	45%	0.047
Soil/Plant Insects (average of 2 values)	0.189	45%	0.085
Burrowing Spiders (average of 2 values)	0.544	10%	0.054
Weighted Average BAF			**0.19**

The TEQ concentrations for OU-1 soil vary for Eco DU-1, Eco DU-2, Eco DU-3, and Parcel E, with the lowest TEQ in Eco DU-2 and Parcel E and the highest TEQ in Eco DU-1, as summarized below:

TEQ (ng/kg, ppt)	95% UCL TEQ by Area			
	Eco DU-1	Eco DU-2	Eco DU-3	Parcel E
Dioxin/Furan Bird TEQ	1,870	63	1034	120
Dioxin/Furan Mammal TEQ	1,110	28	527.6	75.7

ng/kg = nanograms per kilogram, ppt = parts per trillion

These concentrations are in the range of the Young et al. (1987) and the Kay et al. (2005) studies. Based on the available information, including the range of BAFs calculated using the USEPA Eco-SSL (2007b) formulae and OU-1 organic carbon data, the BAF used for OU-1 is the weighted average BAF of 0.19. The uncertainty associated with the BAF is discussed in the uncertainty assessment.

3. THE EFFECT OF BAFS ON THE FOOD WEB MODEL

A limited food web model (FWM) was constructed to demonstrate the effects of the range of terrestrial invertebrate uptake factors for TCDD on risk estimates. This FWM was constructed in the same way as the FWM described in Section 4.5 in the main text of the OU-1 refined SLERA. The exposure point concentrations (EPCs) used were the maximum and 95% UCL for mammalian and avian TEQs for the Operations Area (Table J4-6). The wildlife receptors (Table J4-7) are identical to the ones used Table 4-7a in the main text of the OU-1 refined SLERA, but only those receptors that consume terrestrial invertebrates are used. The toxicity reference values (TRVs) (Table J4-8) are the same no observed adverse effects level (NOAEL) and lowest observed adverse effects level (LOAEL) that were used in the FWM (as described in Section 4.5.3 and Table 4-7b of the main text of the OU-1 refined SLERA). The receptor-specific risk calculations are shown on Tables J4-9a through J4-9f and summarized in Table J4-10. A FWM with an area use factor (AUF) of one is shown for these receptors and the fringed myotis and the raccoon are also shown with a species- and site-specific AUF of less than one.

The excerpt from Table J-10 below illustrates the range of HQs over the range of BAFs considered in the uncertainty analysis. The BAF value used for the OU-1 refined SLERA, including the Operations Area, the three ecological decision units within the Operations Area, and Parcel E, was 0.195.

Table J-10 Excerpt: Example Hazard Quotients Calculated Using the 95% UCL for Operations Area and a Range of BAFs			**Western Burrowing Owl AUF = 1**		**American Robin AUF = 1**	
Concentration Type	**Invertebrate Uptake Value in Wet Weight**	**Source**	**NOAEL HQ**	**LOAEL HQ**	**NOAEL HQ**	**LOAEL HQ**
95% UCL	0.00898	Lowest Literature BAF	0.6	0.06	**1**	0.1
	0.190	OU-1 refined SLERA Uptake Factor	**5**	0.5	**10**	**1**
	0.895	Earthworm Eco-SSL Average TOC	**20**	**2**	**60**	**6**
	0.391	Earthworm Average Literature BAF	**9**	0.9	**20**	**2**
	1.59	Earthworm USEPA Region 6	**40**	**4**	**100**	**10**

4. UNCERTAINTIES

While these BAFs are presented from peer-reviewed primary literature, they still represent substantial uncertainties for use at this Site. BAFs are strongly influenced by the soil TOC and concentration of TCDD in the soil. Nonetheless, the BAFs used in the risk assessment are appropriate for use in the food web model for understanding where potential risks exist and for what receptors within the OU-1 Refined SLERA Area may be at risk. In regard to the BAFs used in the OU-1 refiend SLERA food web model,the assessment must consider a variety of uncertainties, as summarized in the following table:

Uncertainty	**Effect on HQs**
Soil type between the experimental sites may have vastly different TOC than the relatively sandy soils in the OU-1 Refined SLERA Area. TCDD is strongly hydrophobic and partitions readily into organic carbon.	Unknown
The type of carbon, as well as the amount of carbon, can affect the sorption of dioxins and furans. (Cornelissen et al. 2008 and Lambert et al. 2011).	Unknown
The relatively high lipid content of earthworms may (or may not) be at odds with the insects that are actually present in the OU-1 Refined SLERA Area. The lipid content of insects strongly affects uptake of large hydrophobic constituents.	Unknown.
The BAFs vary with concentration of TOC in the soil. The soil in the Operations Area has TOC values from 300 to 15,800 mg/kg. Each of these locations will have slightly different uptake of TEQs. Using one central tendency value for TEQ uptake does not take into account the complexity of the soil data.	Overestimates HQs in some locations and underestimates HQs in others
BAFs vary with concentration of dioxins and furans. The higher the concentration of dioxins and furans, the lower the BAF. There is a wide spectrum of TEQ concentrations that vary over six orders of magnitude. Each of these locations will have slightly different uptake of TEQs. Using one central tendency value for TEQ uptake does not take into account the complexity of the soil data.	Overestimates HQs in some locations and underestimates HQs in others
The measured physical constants for TCDD (K_{ow} and K_{oc}) are from a reliable USEPA source, but these are only one estimate. Different sources have found other values for these constants that vary significantly.	Unknown
The FWM only considers the effects of dioxin and furan TEQs. However, there are some locations with PCBs as well. These two classes of constituents have an additive toxicological effect.	Underestimates HQs

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TABLES

TABLE J4-1. Operations Area Soil TOC Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Sample ID	Value in mg/kg	Interpreted Qualifiers	% TOC	foc	Depth (feet)	Sample Date	Method	Parent Sample (if duplicate)	Method Detection Limit in mg/kg
SA-28	SA28-0.5B	300	UJ	0.03	0.0003	0.5 - 2	3-Aug-2009	Lloyd Kahn	Not a duplicate	300
SA-52	SA52-28B	330		0.033	0.00033	0 - 0	21-Oct-2009	Lloyd Kahn	Not a duplicate	40
RSAO7	RSAO7-19B	350		0.035	0.00035	0 - 0	12-Oct-2009	Lloyd Kahn	Not a duplicate	40
RSAP7	RSAP7-0.5B	440		0.044	0.00044	0.5 - 2	27-Oct-2009	Lloyd Kahn	Not a duplicate	40
SA-31	SA31-0.5B	460		0.046	0.00046	0.5 - 2	9-Sep-2009	Lloyd Kahn	Not a duplicate	40
RSAO8	RSAO8-21.5B	460		0.046	0.00046	0 - 0	14-Sep-2009	Lloyd Kahn	Not a duplicate	40
SA-171	SA171-5B	490		0.049	0.00049	0 - 1.5	19-Oct-2009	Lloyd Kahn	Not a duplicate	40
RSAQ6	RSAQ6-0.5B	500		0.05	0.0005	0 - 0	11-Sep-2009	Lloyd Kahn	Not a duplicate	40
SA-62	SA62-0.5B	500	J-	0.05	0.0005	0.5 - 2	16-Jun-2009	Lloyd Kahn	Not a duplicate	40
RSAQ7	RSAQ7-0.5B	520		0.052	0.00052	0.5 - 2	27-Oct-2009	Lloyd Kahn	Not a duplicate	40
SA-138	SA138-0.5B	560		0.056	0.00056	0.5 - 2.5	6-Oct-2009	Lloyd Kahn	Not a duplicate	40
RSAS3	RSAS3-0.5B	570		0.057	0.00057	0.5 - 2	26-Aug-2009	Lloyd Kahn	Not a duplicate	40
SA-128	SA128-10B	590		0.059	0.00059	0 - 1.5	16-Sep-2009	Lloyd Kahn	Not a duplicate	40
SA-151	SA151-0.5B	590		0.059	0.00059	0.5 - 2	17-Sep-2009	Lloyd Kahn	Not a duplicate	40
RSAT6	RSAT6-0.5B	600		0.06	0.0006	0.5 - 2	28-Aug-2009	Lloyd Kahn	Not a duplicate	40
SA-75	SA75-0.5B	630		0.063	0.00063	0 - 1.5	17-Jul-2009	Lloyd Kahn	Not a duplicate	40
RSAL7	RSAL7-0.5B	650	J-	0.065	0.00065	0.5 - 1.5	5-Jun-2009	Lloyd Kahn	Not a duplicate	40
RSAS3	RSAS3009-0.5B	650		0.065	0.00065	0.5 - 2	26-Aug-2009	Lloyd Kahn	RSAS3-0.5B	40
SA-74	SA74009-0.5B	670	J	0.067	0.00067	0 - 1.5	15-Jul-2009	Lloyd Kahn	SA74-0.5B	40
SA-146	SA146-0.5B	680		0.068	0.00068	0.5 - 2	4-Aug-2009	Lloyd Kahn	Not a duplicate	40
SA-121	SA121-0.5B	700		0.07	0.0007	0.5 - 2	25-Sep-2009	Lloyd Kahn	Not a duplicate	40
RSAM6	RSAM6-0.5B	720		0.072	0.00072	0.5 - 2	18-Jun-2009	Lloyd Kahn	Not a duplicate	50
SA-157	SA157-0.5B	720		0.072	0.00072	0.5 - 2	20-Oct-2009	Lloyd Kahn	Not a duplicate	40
SA-147	SA147-0.5B	720		0.072	0.00072	0.5 - 2	4-Aug-2009	Lloyd Kahn	Not a duplicate	40
SA-121	SA121009-0.5B	730		0.073	0.00073	0.5 - 2	25-Sep-2009	Lloyd Kahn	SA121-0.5B	40
SA-212	SA212-0.5B	740		0.074	0.00074	0.5 - 2	28-Sep-2009	Lloyd Kahn	Not a duplicate	40
SA-73	SA73-0.5B	750		0.075	0.00075	0 - 1.5	29-Jul-2009	Lloyd Kahn	Not a duplicate	40
SA-35	SA35-0.5B	770	J-	0.077	0.00077	0 - 0	10-Jun-2009	Lloyd Kahn	Not a duplicate	50
RSAN4	RSAN4-0.5B	790		0.079	0.00079	0 - 1.5	8-Jul-2009	Lloyd Kahn	Not a duplicate	40
RSAU5	RSAU5-0.5B	810		0.081	0.00081	0.5 - 2	5-Aug-2009	Lloyd Kahn	Not a duplicate	40
RSAU4	RSAU4-0.5B	810		0.081	0.00081	0.5 - 2	29-Jul-2009	Lloyd Kahn	Not a duplicate	40
RSAI7	RSAI7-0.5B	816		0.0816	0.000816	0 - 0.5	11-Jul-2008	Lloyd Kahn	Not a duplicate	39.8
RSAM8	RSAM8-0.5B	850	J-	0.085	0.00085	0 - 1	12-Jun-2009	Lloyd Kahn	Not a duplicate	50
RSAL6	RSAL6-0.5B	850		0.085	0.00085	0 - 1.5	29-Jul-2009	Lloyd Kahn	Not a duplicate	40
RSAL4	RSAL4009-0.5B	860		0.086	0.00086	0.5 - 2	7-Jul-2009	Lloyd Kahn	RSAL4-0.5B	40
SA-197	SA197-0.5B	870		0.087	0.00087	0 - 1.5	19-Jun-2009	Lloyd Kahn	Not a duplicate	50
SA-157	SA157009-0.5B	870		0.087	0.00087	0.5 - 2	20-Oct-2009	Lloyd Kahn	SA157-0.5B	40
SA-166	SA166-0.5B	880	J-	0.088	0.00088	0.5 - 1.5	11-Jun-2009	Lloyd Kahn	Not a duplicate	50
SA-67	SA67-0.5B	919		0.0919	0.000919	0.5 - 2	7-Jul-2008	Lloyd Kahn	Not a duplicate	39.8
SA-69	SA69-0.5B	960		0.096	0.00096	0.5 - 2	7-Jul-2009	Lloyd Kahn	Not a duplicate	40
RSAK4	RSAK4009-0.5B	960	J	0.096	0.00096	0.5 - 2	11-Jun-2009	Lloyd Kahn	RSAK4-0.5B	40
RSAL4	RSAL4-0.5B	980		0.098	0.00098	0.5 - 2	7-Jul-2009	Lloyd Kahn	Not a duplicate	40
SA-85	SA85-0.5B	990	J-	0.099	0.00099	0.5 - 2	16-Jun-2009	Lloyd Kahn	Not a duplicate	50
RSAN5	RSAN5-0.5B	1000		0.1	0.001	0.5 - 2	23-Jun-2009	Lloyd Kahn	Not a duplicate	50
SA-173	SA173009-0.5B	1010		0.101	0.00101	0.5 - 2	27-Jul-2009	Lloyd Kahn	SA173-0.5B	40
SA-173	SA173-0.5B	1030		0.103	0.00103	0.5 - 2	27-Jul-2009	Lloyd Kahn	Not a duplicate	40
SA-65	SA65-10B	1,030	J-	0.103	0.00103	0 - 0	25-Aug-2009	Lloyd Kahn	Not a duplicate	35
SA-116	SA116-0.5B	1040		0.104	0.00104	0.5 - 2	2-Sep-2009	Lloyd Kahn	Not a duplicate	40
SA-64	SA64-0.5B	1040		0.104	0.00104	0 - 1.5	19-Jun-2009	Lloyd Kahn	Not a duplicate	50
SA-74	SA74-0.5B	1,040	J	0.104	0.00104	0 - 1.5	15-Jul-2009	Lloyd Kahn	Not a duplicate	40
SA-72	SA72-0.5B	1050		0.105	0.00105	0.5 - 2	27-Jul-2009	Lloyd Kahn	Not a duplicate	40
RSAM7	RSAM7-0.5B	1080		0.108	0.00108	0 - 1.5	18-Jun-2009	Lloyd Kahn	Not a duplicate	40
SA-158	SA158-0.5B	1190		0.119	0.00119	0 - 1.5	17-Jun-2009	Lloyd Kahn	Not a duplicate	70
RSAO2	RSAO2-0.5B	1270		0.127	0.00127	0.5 - 2	9-Jul-2008	Lloyd Kahn	Not a duplicate	39.8
RSAM4	RSAM4-0.5B	1300		0.13	0.0013	0.5 - 2	8-Jul-2009	Lloyd Kahn	Not a duplicate	40
RSAL5	RSAL5-0.5B	1380		0.138	0.00138	0.5 - 2	15-Jul-2009	Lloyd Kahn	Not a duplicate	40
SA-179	SA179-0.5B	1380		0.138	0.00138	0.5 - 2	28-Jul-2009	Lloyd Kahn	Not a duplicate	40
SA-189	SA189-0.5B	1420		0.142	0.00142	0.5 - 2	4-Jun-2009	Lloyd Kahn	Not a duplicate	80
RSAM2	RSAM2-0.5B	1440		0.144	0.00144	0.5 - 2	3-Jun-2009	Lloyd Kahn	Not a duplicate	50

TABLE J4-1. Operations Area Soil TOC Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Location	Sample ID	Value in mg/kg	Interpreted Qualifiers	% TOC	foc	Depth (feet)	Sample Date	Method	Parent Sample (if duplicate)	Method Detection Limit in mg/kg
SA-176	SA176-0.5B	1,440	J-	0.144	0.00144	0 - 1	10-Jun-2009	Lloyd Kahn	Not a duplicate	50
SA-145	SA145-0.5B	1,460	J-	0.146	0.00146	0 - 1.5	12-Jun-2009	Lloyd Kahn	Not a duplicate	50
SA-71	SA71-0.5B	1,500	J-	0.15	0.0015	0.5 - 2	16-Jun-2009	Lloyd Kahn	Not a duplicate	40
SA-92	SA92-0.5B	1530		0.153	0.00153	0 - 0	17-Jun-2009	Lloyd Kahn	Not a duplicate	40
RSAO6	RSAO6-0.5B	1,610	J-	0.161	0.00161	0 - 0.5	24-Jun-2009	Lloyd Kahn	Not a duplicate	60
RSAK4	RSAK4-0.5B	1,660	J	0.166	0.00166	0.5 - 1.5	11-Jun-2009	Lloyd Kahn	Not a duplicate	40
SA-152	SA152-0.5B	1,750	J	0.175	0.00175	0 - 1.5	4-Jun-2009	Lloyd Kahn	Not a duplicate	80
RSAK6	RSAK6-0.5B	1,840	J-	0.184	0.00184	0 - 1	5-Jun-2009	Lloyd Kahn	Not a duplicate	50
SA-87	SA87-0.5B	1,940	J	0.194	0.00194	0.5 - 2	25-Jun-2008	Lloyd Kahn	Not a duplicate	39.8
SA-12	SA12-0.5	1980		0.198	0.00198	0 - 0	10-Nov-2006	SW 846 9060	Not a duplicate	120
RSAN3	RSAN3-0.5B	2030		0.203	0.00203	0 - 1.5	8-Jul-2009	Lloyd Kahn	Not a duplicate	40
RSAL8	RSAL8-0.5B	2,040	J-	0.204	0.00204	0.5 - 1.5	5-Jun-2009	Lloyd Kahn	Not a duplicate	40
SA-20	SA20-0.5D	2,100	J	0.21	0.0021	0 - 1.5	16-Nov-2006	SW 846 9060	SA20-0.5	120
RSAO3	RSAO3-0.5B	2,390	J-	0.239	0.00239	0 - 0	10-Jun-2009	Lloyd Kahn	Not a duplicate	40
SA-21	SA21-0.5	2480		0.248	0.00248	0.5 - 2	15-Nov-2006	SW 846 9060	Not a duplicate	120
SA-50	SA50-0.5B	2,790	J-	0.279	0.00279	0 - 0	30-Jun-2009	Lloyd Kahn	Not a duplicate	120
SA-16	SA16-0.5	2900		0.29	0.0029	0 - 0	9-Nov-2006	SW 846 9060	Not a duplicate	120
SA-152	SA152009-0.5B	3,270	J	0.327	0.00327	0 - 1.5	4-Jun-2009	Lloyd Kahn	SA152-0.5B	60
SA-55	SA55-0.5B	3,280	J-	0.328	0.00328	0.5 - 1.5	10-Jun-2009	Lloyd Kahn	Not a duplicate	60
RSAO5	RSAO5-0.5B	3500		0.35	0.0035	0.5 - 2	29-Jun-2009	Lloyd Kahn	Not a duplicate	300
SA-185	SA185-0.5B	4000		0.4	0.004	0.5 - 2	29-Jun-2009	Lloyd Kahn	Not a duplicate	400
SA-186	SA186-0.5B	5300		0.53	0.0053	0.5 - 2	29-Jun-2009	Lloyd Kahn	Not a duplicate	200
SA-18	SA18-0.5	5400		0.54	0.0054	0 - 1.5	15-Nov-2006	SW 846 9060	Not a duplicate	120
SA-15	SA15-10	5800		0.58	0.0058	0 - 0.5	8-Nov-2006	SW 846 9060	Not a duplicate	120
SA-11	SA11-0.5	6500		0.65	0.0065	0 - 0	9-Nov-2006	SW 846 9060	Not a duplicate	120
SA-7	SA7-0.5	6,780	J-	0.678	0.00678	0.5 - 2	20-Nov-2006	SW 846 9060	Not a duplicate	120
SA-18	SA18-0.5D	6900		0.69	0.0069	0 - 1.5	15-Nov-2006	SW 846 9060	SA18-0.5	120
SA-2	SA2-0.5	7700		0.77	0.0077	0.5 - 2	3-Nov-2006	SW 846 9060	Not a duplicate	120
SA-180	SA180-0.5B	7900		0.79	0.0079	0 - 0.5	26-Jun-2008	Lloyd Kahn	Not a duplicate	39.8
SA-19	SA19-0.5	8,000	J-	0.8	0.008	0 - 1.5	16-Nov-2006	SW 846 9060	Not a duplicate	120
SA-15	SA15-10D	8500		0.85	0.0085	0 - 0.5	8-Nov-2006	SW 846 9060	SA15-10	120
SA-11	SA11-0.5D	8700		0.87	0.0087	0 - 0	9-Nov-2006	SW 846 9060	SA11-0.5	120
SA-180	SA180-0.5BD	9550		0.955	0.00955	0 - 0.5	26-Jun-2008	Lloyd Kahn	SA180-0.5B	39.8
SA-103	SA103-0.5B	9720		0.972	0.00972	0.5 - 2.5	6-Oct-2009	Lloyd Kahn	Not a duplicate	90
SA-20	SA20-0.5	11,700	J	1.17	0.0117	0 - 1.5	16-Nov-2006	SW 846 9060	Not a duplicate	120
RSAJ5	RSAJ5-0.5B	15,800	J-	1.58	0.0158	0.5 - 2	2-Jun-2009	Lloyd Kahn	Not a duplicate	200

Average foc (ND=0.5*DL)	**0.0023**
85th percentile foc (ND=0.5*DL)	**0.0052**
95th percentile foc (ND=0.5*DL)	**0.0086**
99th percentile foc (ND=0.5*DL)	**0.012**
Maximum foc	**0.016**

Notes:
% = Percent
DL = Detection limit
foc = Fraction of organic carbon
J- = Indicates an estimated value with a negative bias
J = The result is an estimated quantity
mg/kg = miligrams per kilogram
ND = Not detected
TOC = Total Organic Carbon
U = Not detected

TABLE J4-2. Calculation of Eco-SSL-based Uptake Factors for Dioxins and Furans Based on Soil TOC
Nevada Environmental Response Trust Site
Henderson, Nevada

Log(Kow) for TCDD =	**6.8**	Source = USEPA 2000
Koc for TCDD =	**3.98E+06**	Source = USEPA 2000

foc Value	foc	Kww	Kd	Uptake Factor in Wet Weight
Average foc (ND=0.5*DL)	0.0023	8,241	9,154	0.900
85th percentile foc (ND=0.5*DL)	0.0052	8,241	20,696	0.398
95th percentile foc (ND=0.5*DL)	0.0086	8,241	34,228	0.241
99th percentile foc (ND=0.5*DL)	0.012	8,241	47,760	0.173
Maximum foc	0.016	8,241	63,680	0.129

The Eco-SSL Guidance (USEPA 2007) suggests this formula for calculating uptake of organic constituents to soil based on soil foc and the Kow of a constituent (see text for explaination).

$$C_{worm} = C_{soil} \times \left(\frac{K_{ww}}{f_{oc} \times K_{oc}} \right)$$

Where Kww =

$$Log(K_{ww}) = 0.87 \times Log\ (K_{ow}) - 2$$

Notes:
Csoil = Concentration in soil
Cworm = concentration in earthworms
DL = Detection limit
Eco-SSL = Ecological soil screening levels
foc = Fraction of organic carbon
Kd = soil to water partitioning coefficient
Koc = Organic carbon partitioning coefficient
Kow = Octanol-water partitioning coefficient
Kww = Biota to soil water partitioning coefficient
Log = Logarithim base 10
ND = Nondetects
TCDD = 2,3,7,8-tetrachlorodibenzodioxin
USEPA = United States Environmental Protection Agency

USEPA. 2000. Exposure and Human Health Reassessment of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) and Related Compounds. Part I: Estimating Exposure to Dioxin-Like Compounds. Volume 4: Site-Specific Assessment Procedures. Draft. Exposure Assessment and Risk Characterization Group, Office of Research and Development, Washington, DC. September.

USEPA. 2007. Guidance for Developing Ecological Soil Screening Levels (Eco-SSLs). Attachment 4-1 Exposure Factors and Bioaccumulation Models for Derivation of Wildlife Eco-SSLs. OSWER Directive 9285.7-55. Revised April 2007.

TABLE J4-3. Uptake Factors for Dioxins and Furans From Literature
Nevada Environmental Response Trust Site
Henderson, Nevada

Young 1987 Table 3	Number of Samples	Soil TCDD in Parts Per Trillion		
		Range	Median	Mean
Grid I	22	<10-1,500	110	325
Grid II	6	<10-470	30	115
Grid IV	26	<10-150	20	30
			Average	**157**

Young 1987 Table 7	Invertebrate TCDD in Parts Per Trillion	Calculated TCDD BAF Based on Average Concentration	Calculated TCDD BAF Based on Grid I Concentration
Grasshoppers	ND	--	--
Crickets (minimum)	18	0.11	0.06
Crickets (maximum)	26	0.17	0.08
Soil/Plant Insects	40	0.26	0.12
Burrow Spiders	115	0.73	0.35
Beetle Grubs	238	1.52	0.73
Average	**87.4**	**0.56**	**0.27**

Kay 2005 Table 2	TCDD TEQ ng/kg			Calculated BAF Based on Soil From		
	Reference Mean	TTP Location Mean	IP Location Mean	Reference Mean	TTP Location Mean	IP Location Mean
Soil	2.04	2530	2450	--	--	--
Depurated earthworms	0.612	83.5	76.1	0.30	0.033	0.031
Fresh earthworms	0.686	129	96.4	0.34	0.051	0.039
Terrestrial, non-earthworm invertebrates	1.13	15.8	28.7	0.55	0.0062	0.0117
Terrestrial, non-earthworm invertebrates average of TTP and IP Locations	1.13	22.25		0.55	0.00898	

Study and Organism	Low End Estimate of BAF	High End Estimate of BAF
Young 1987 Crickets Minimum	0.0554	0.115
Young 1987 Crickets Maximum	0.0800	0.166
Young 1987 Soil/Plant Insects	0.123	0.255
Young 1987 Burrow Spiders	0.354	0.734
Young 1987 Beetle Grubs	0.732	1.52
Kay 2005 Non-Earthworm Invertebrates	0.00898	0.554

Average of these BAFs	**0.391**
Lowest BAF	**0.00898**
Highest BAF	**1.52**

Notes:
< = Less than
BAF = bioaccumulation factor, unitless
IP= Imerman Park
ng/kg = nanograms per kilogram
TCDD = 2,3,7,8-tetrachlorodibenzodioxin
TTP = Tittabawassee Township Park

Kay, D., A. Blankenship, M. Zwiernik, J. L. Newsted, P. D. Jones and J. P. Giesy. 2005. PCDDs and PCDFs in Aquatic and Terrestrial Food Webs of the Tittabawassee River, Michigan, USA. Organohalogen Compounds. 67:2130-2133.

Young, A. L., Cockerham, L. G., & Thalken, C. E. (1987). A long-term study of ecosystem contamination with 2,3,7,8-tetrachlorodibenzo-p-dioxin. Chemosphere, 16(8-9), 1791–1815.

TABLE J4-4. Operations Area Soil TEQ Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Location ID	Sample ID	Depth (feet)	Parent Sample (if duplicate)	Sample Date	D/F Avian TEQ (ND=0.5DL)	Mammal D/F TEQ (ND=0.5DL)	Detect?	Units
RSAI7	RSAI7-0.5B	0-0.5	--	7/11/2008	44,947	31,441	Yes	ng/kg
DS-DB-1	DS-DB-1	0-0	--	4/20/2011	13,665	6,031	Yes	ng/kg
RISB-14	RISB-14-0.5-20141216	0.5-1	--	12/16/2014	8,965	4,626	Yes	ng/kg
EE-D02-1	EE-D02-1	0-0	--	5/17/2011	8,565	3,289	Yes	ng/kg
RSAJ5	RSAJ5-0.5B	0.5-2	--	6/2/2009	5,918	3,417	Yes	ng/kg
SSAK8-07	SSAK8-07-0BPC	0.5-1	--	8/13/2010	5,492	2,580	Yes	ng/kg
RISB-40	RISB-40-0.5-20141121	0.5-1	--	11/21/2014	5,275	2,624	Yes	ng/kg
RISB-39	RISB-39-0.5-20141121	0.5-1	--	11/21/2014	5,117	2,658	Yes	ng/kg
SA-175	SA175-8BPC	0.5-1.5	--	5/6/2010	4,260	2,081	Yes	ng/kg
M-162D	M-162D-0.5-20141209	0.5-1	--	12/9/2014	4,215	2,177	Yes	ng/kg
RIT-2-03	RIT-2-03-20141112-FD	--	RIT-2-03-20141112	11/12/2014	4,105	2,167	Yes	ng/kg
SSAK8-06	SSAK8-06-3BPC	0-1	--	5/3/2010	3,975	1,937	Yes	ng/kg
SSAK4-01	SSAK4-01-0BPC	0-0.5	--	6/17/2010	3,516	1,704	Yes	ng/kg
RSAK4	RSAK4009-0.5B	0.5-2	RSAK4-0.5B	6/11/2009	3,435	1,639	Yes	ng/kg
RIT-1-03	RIT-1-03-20141112	--	--	11/12/2014	3,408	1,711	Yes	ng/kg
SSAK5-01	SSAK5-01-0BPC	0-0	--	6/21/2010	3,358	1,585	Yes	ng/kg
RSAK4	RSAK4-0.5B	0.5-1.5	--	6/11/2009	3,328	1,574	Yes	ng/kg
SA-189	SA189-0.5B	0.5-2	--	6/4/2009	3,327	1,117	Yes	ng/kg
SA-167	SA167-0BPC	0.5-1	--	6/17/2010	3,306	1,626	Yes	ng/kg
SA-92	SA92-0.5B	0-0	--	6/17/2009	3,281	1,323	Yes	ng/kg
SSAM6-02	SSAM6-02-5BPC	0-0	--	5/17/2010	3,039	1,603	Yes	ng/kg
RSAH3	RSAH3-0BPC	0.5-1	--	6/17/2010	2,989	1,323	Yes	ng/kg
SA-75	SA75-0.5B	0-1.5	--	7/17/2009	2,857	1,173	Yes	ng/kg
EE-DB-2	EE-DB-2	0-0	--	6/7/2011	2,824	1,474	Yes	ng/kg
BDT-3-S-10	BDT-3-S-10-2BPC	0.5-1.5	--	8/24/2010	2,820	1,353	Yes	ng/kg
RIT-2-03	RIT-2-03-20141112	--	--	11/12/2014	2,685	1,352	Yes	ng/kg
SA-134	SA134-1BR	0-0	--	12/9/2009	2,521	1,249	Yes	ng/kg
SSAP3-01	SSAP3-01-0BPC	0-0	--	8/13/2010	2,430	1,190	Yes	ng/kg
RSAL8	RSAL8-0.5B	0.5-1.5	--	6/5/2009	2,315	992	Yes	ng/kg
DS-D27-1	DS-D27-1	0.5-0.5	--	4/14/2011	2,279	1,078	Yes	ng/kg
EE-DB-1	EE-DB-1	0.5-0.5	--	6/7/2011	2,279	1,148	Yes	ng/kg
CS-DC-1	CS-DC-1	0-0	--	5/3/2011	2,246	822	Yes	ng/kg
SSAN6-08	SSAN6-08-2.0_01_BPC	0-0	--	11/12/2010	1,895	831	Yes	ng/kg
DS-DB-1	DS-DB-2	0-0	DS-DB-1	4/20/2011	1,781	938	Yes	ng/kg
SA-16	SA16-0.5	0-0	--	11/9/2006	1,683	894	Yes	ng/kg
SSAK8-02	SSAK8-02-1BPC	0.5-1.5	--	4/16/2010	1,632	849	Yes	ng/kg
SSAK5-01	SSAK5-01-1BPC	0.5-1.5	--	4/14/2010	1,582	789	Yes	ng/kg
M-161D	M-161D-0.5-20141203	0.5-1	--	12/3/2014	1,512	597	Yes	ng/kg
EE-D25A-1	EE-D25A-1	0-0	--	5/18/2011	1,489	754	Yes	ng/kg
RISB-12	RISB-12-0.5-20141215	0.5-1	--	12/15/2014	1,479	688	Yes	ng/kg
RSAO3	RSAO3-0.5B	0-0	--	6/10/2009	1,440	629	Yes	ng/kg
RIT-2-02	RIT-2-02-20141112	--	--	11/12/2014	1,257	631	Yes	ng/kg
SSAK4-02	SSAK4-02-1BPC	0.5-1.5	--	5/14/2010	1,095	545	Yes	ng/kg
EE-D10-1	EE-D10-1	0-0	--	6/7/2011	1,084	576	Yes	ng/kg
SSAL3-07	SSAL3-07-0BPC	0-0	--	8/13/2010	1,080	463	Yes	ng/kg
BDT-3-S-5	BDT-3-S-5-2BPC	0-0	--	8/24/2010	974	468	Yes	ng/kg
BDT-3-S-5	BDT-3-S-5-4BPC	0.5-1.5	--	8/24/2010	940	444	Yes	ng/kg
RISB-47	RISB-47-0.5-20141120	0.5-1	--	11/20/2014	910	474	Yes	ng/kg
SA-87	SA87-0.5B	0.5-2	--	6/25/2008	908	357	Yes	ng/kg
RIT-1-04	RIT-1-04-20141112	--	--	11/12/2014	865	410	Yes	ng/kg
SA-134	SA134-1.5BR	0-0.5	--	12/9/2009	857	431	Yes	ng/kg
SSAK6-03	SSAK6-03-3BPC	0-1	--	4/30/2010	851	409	Yes	ng/kg
SSAK8-09	SSAK8-09-0BPC	0-0	--	8/13/2010	806	369	Yes	ng/kg
SA-173	SA173-0.5B	0.5-2	--	7/27/2009	783	189	Yes	ng/kg
SA-173	SA173009-0.5B	0.5-2	SA173-0.5B	7/27/2009	766	185	Yes	ng/kg
RSAN7	RSAN7-0BPC	0.5-1	--	8/13/2010	764	336	Yes	ng/kg
RSAL6	RSAL6-0.5B	0-1.5	--	7/29/2009	727	377	Yes	ng/kg
SA-64	SA64-0.5B	0-1.5	--	6/19/2009	716	361	Yes	ng/kg
SSAP3-01	SSAP3-01-1BPC	0-0.5	--	4/14/2010	662	343	Yes	ng/kg
RSAL5	RSAL5-0.5B	0.5-2	--	7/15/2009	647	328	Yes	ng/kg
RISB-10	RISB-10-0.5-20141215	0.5-1	--	12/15/2014	621	333	Yes	ng/kg
SA-71	SA71-0.5B	0.5-2	--	6/16/2009	593	319	Yes	ng/kg
SSAK4-02	SSAK4-02-0BPC	0-0.5	--	8/31/2010	580	294	Yes	ng/kg
SA-19	SA19-0.5	0-1.5	--	11/16/2006	537	268	Yes	ng/kg
CS-C10B-1	CS-C10B-1	0-0	--	7/28/2011	521	252	Yes	ng/kg
BDT-2-S-10	BDT-2-S-10-6BPC	0-1	--	8/26/2010	476	230	Yes	ng/kg
SSAI3-01	SSAI3-01-3BPC	0-0.5	--	4/16/2010	433	203	Yes	ng/kg
DSPE-1	DSPE-1-0.5-20180919	0.5-1	--	9/19/2018	423	211	Yes	ng/kg
RIDB-6	RIDB-6-0.5-20170225	0.5-1	--	2/25/2017	401	205	Yes	ng/kg
SA-158	SA158-0.5B	0-1.5	--	6/17/2009	375	195	Yes	ng/kg
RSAL4	RSAL4-0.5B	0.5-2	--	7/7/2009	368	191	Yes	ng/kg
SA-7	SA7-0.5	0.5-2	--	11/20/2006	367	169	Yes	ng/kg
SSAM7-04	SSAM7-04-1BPC	0-0	--	4/12/2010	357	170	Yes	ng/kg

TABLE J4-4. Operations Area Soil TEQ Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Location ID	Sample ID	Depth (feet)	Parent Sample (if duplicate)	Sample Date	D/F Avian TEQ (ND=0.5DL)	Mammal D/F TEQ (ND=0.5DL)	Detect?	Units
SSAO4-01	SSAO4-01-0BPC	0-0	--	8/13/2010	350	125	Yes	ng/kg
SSAN7-02	SSAN7-02-1BPC_FD	0.5-1.5	SSAN7-02-1BPC	4/12/2010	340	117	Yes	ng/kg
DSPE-1	DSPE-1-0.5-20180919-FD	0.5-1	DSPE-1-0.5-20180919	9/19/2018	335	170	Yes	ng/kg
SSAO4-05	SSAO4-05-1BPC_FD	0-0	SSAO4-05-1BPC	4/29/2010	334	140	Yes	ng/kg
SSAN6-08	SSAN6-08-3.0_01_BPC	0-0.5	--	11/12/2010	323	148	Yes	ng/kg
CS-D02-1	CS-D02-1	0-0	--	5/17/2011	318	155	Yes	ng/kg
RSAL4	RSAL4009-0.5B	0.5-2	RSAL4-0.5B	7/7/2009	315	163	Yes	ng/kg
BDT-2-S-15	BDT-2-S-15-8BPC	0-1	--	8/26/2010	311	141	Yes	ng/kg
SA-207	SA207-12BPC	0-0	--	4/13/2010	308	149	Yes	ng/kg
SSAO4-01	SSAO4-01-1BPC	0-0.5	--	4/14/2010	300	126	Yes	ng/kg
SSAN7-02	SSAN7-02-1BPC	0.5-1.5	--	4/12/2010	297	118	Yes	ng/kg
RSAM6	RSAM6-0.5B	0.5-2	--	6/18/2009	296	158	Yes	ng/kg
BDT-2-S-15	BDT-2-S-15-6BPC	0-0	--	8/26/2010	293	131	Yes	ng/kg
SSAO4-05	SSAO4-05-1BPC	0-0	--	4/29/2010	286	130	Yes	ng/kg
RISB-48	RISB-48-0.5-20141120	0.5-1	--	11/20/2014	280	139	Yes	ng/kg
RISB-09	RISB-09-0.5-20141211	0.5-1	--	12/11/2014	275	141	Yes	ng/kg
SA-200	SA200-0BPC	0.5-1	--	6/17/2010	262	115	Yes	ng/kg
RISB-41	RISB-41-0.5-20141121	0.5-1	--	11/21/2014	255	136	Yes	ng/kg
BDT-2-S-20	BDT-2-S-20-8BPC	0-1	--	8/26/2010	255	109	Yes	ng/kg
SA-85	SA85-0.5B	0.5-2	--	6/16/2009	246	124	Yes	ng/kg
SSAJ3-05	SSAJ3-05-8BPC	0-1	--	8/10/2010	245	116	Yes	ng/kg
RISB-41	RISB-41-0.5-20141121-FD	0.5-1	RISB-41-0.5-20141121	11/21/2014	233	127	Yes	ng/kg
SSAO7-01	SSAO7-01-1BPC	0-1	--	4/8/2010	213	48.6	Yes	ng/kg
BDT-2-S-5	BDT-2-S-5-8BPC	0-1	--	8/26/2010	198	85.0	Yes	ng/kg
RIT-2-01	RIT-2-01-20141112	--	--	11/12/2014	188	84.7	Yes	ng/kg
BDT-2-N-15	BDT-2-N-15-6.0BPC	0.5-1.5	--	8/25/2010	186	95.3	Yes	ng/kg
SSAN6-03	SSAN6-03-0BPC	0-0	--	8/13/2010	183	85.0	Yes	ng/kg
SA-197	SA197-0.5B	0-1.5	--	6/19/2009	177	99.1	Yes	ng/kg
SA-67	SA67-0.5B	0.5-2	--	7/7/2008	176	70.9	Yes	ng/kg
RIT-1-05	RIT-1-05-20141112	--	--	11/12/2014	168	62.4	Yes	ng/kg
SSAO7-01	SSAO7-01-1BPC_FD	0-1	SSAO7-01-1BPC	4/8/2010	160	48.1	Yes	ng/kg
RIT-3-05	RIT-3-05-20141113	--	--	11/13/2014	160	82.1	Yes	ng/kg
DSPE-2	DSPE-2-0.5-20180919	0.5-1	--	9/19/2018	154	77.8	Yes	ng/kg
SA-179	SA179-0.5B	0.5-2	--	7/28/2009	152	80.6	Yes	ng/kg
RISB-13	RISB-13-0.5-20141217	0.5-1	--	12/17/2014	150	73.6	Yes	ng/kg
SA-103	SA103-0.5B	0.5-2.5	--	10/6/2009	142	46.0	Yes	ng/kg
RIDB-1	RIDB-1-0.5-20170308	0.5-1	--	3/8/2017	133	68.5	Yes	ng/kg
RIT-1-02	RIT-1-02-20141111	--	--	11/11/2014	129	60.0	Yes	ng/kg
RIT-1-01	RIT-1-01-20141111	--	--	11/11/2014	121	61.9	Yes	ng/kg
SSAN5-04	SSAN5-04-0BPC	0-0	--	8/13/2010	114	49.9	Yes	ng/kg
BDT-3-N-10	BDT-3-N-10-4BPC_FD	0-0	BDT-3-N-10-4BPC	8/23/2010	114	54.1	Yes	ng/kg
RISB-11	RISB-11-0.5-20141217	0.5-1	--	12/17/2014	113	68.3	Yes	ng/kg
BDT-2-S-20	BDT-2-S-20-6BPC_FD	0-0	BDT-2-S-20-6BPC	8/26/2010	110	49.3	Yes	ng/kg
BDT-2-N-15	BDT-2-N-15-4.0BPC	0-0	--	8/25/2010	107	53.4	Yes	ng/kg
SA-145	SA145-0.5B	0-1.5	--	6/12/2009	106	54.9	Yes	ng/kg
RSAM4	RSAM4-0.5B	0.5-2	--	7/8/2009	98.0	52.2	Yes	ng/kg
BDT-2-S-20	BDT-2-S-20-6BPC	0-0	--	8/26/2010	97.3	44.7	Yes	ng/kg
SSAK5-03	SSAK5-03-1BPC	0.5-1.5	--	5/14/2010	96.9	37.9	Yes	ng/kg
SSAK7-03	SSAK7-03-1BPC	0.5-1.5	--	4/21/2010	93.3	44.3	Yes	ng/kg
BDT-3-N-5	BDT-3-N-5-2BPC	0.5-1.5	--	8/23/2010	92.9	46.7	Yes	ng/kg
BDT-3-N-10	BDT-3-N-10-4BPC	0-0	--	8/23/2010	92.5	44.3	Yes	ng/kg
SSAN6-03	SSAN6-03-1BPC	0.5-1.5	--	4/15/2010	89.9	45.8	Yes	ng/kg
SSAJ3-07	SSAJ3-07-5BPC	0-0	--	8/10/2010	85.8	38.5	Yes	ng/kg
BDT-2-N-20	BDT-2-N-20-4.0BPC	0-1	--	8/25/2010	81.7	40.8	Yes	ng/kg
SSAN6-08	SSAN6-08-4.0_01_BPC	0.5-1.5	--	11/12/2010	81.2	36.9	Yes	ng/kg
SSAK8-05	SSAK8-05-1BPC	0.5-1.5	--	4/27/2010	76.1	35.9	Yes	ng/kg
RSAM7	RSAM7-0.5B	0-1.5	--	6/18/2009	73.0	37.0	Yes	ng/kg
RIT-2-04	RIT-2-04-20141113	--	--	11/13/2014	73.0	21.9	Yes	ng/kg
SA-152	SA152-0.5B	0-1.5	--	6/4/2009	72.4	39.8	Yes	ng/kg
SA-186	SA186-0.5B	0.5-2	--	6/29/2009	57.3	30.7	Yes	ng/kg
SA-62	SA62-0.5B	0.5-2	--	6/16/2009	56.1	28.7	Yes	ng/kg
CS-C10A-1	CS-C10A-1	0-0	--	5/17/2011	54.4	26.6	Yes	ng/kg
SA-49	SA49-1.5BR	0.5-0.5	--	12/15/2009	53.0	23.5	Yes	ng/kg
RIDB-2	RIDB-2-0.5-20170309	0.5-1	--	3/9/2017	52.0	26.5	Yes	ng/kg
RIT-3-03	RIT-3-03-20141113-FD	--	RIT-3-03-20141113	11/13/2014	50.9	26.5	Yes	ng/kg
SSAI3-07	SSAI3-07-10BPC	0-0	--	8/31/2010	50.0	24.7	Yes	ng/kg
BDT-2-N-10	BDT-2-N-10-6BPC_FD	0-0.5	BDT-2-N-10-6BPC	8/25/2010	49.4	23.1	Yes	ng/kg
RIDB-3	RIDB-3-0.5-20170310	0.5-1	--	3/10/2017	48.1	24.3	Yes	ng/kg
SA-157	SA157-0.5B	0.5-2	--	10/20/2009	44.5	16.0	Yes	ng/kg
RIDB-4	RIDB-4-0.5-20170306	0.5-1	--	3/6/2017	42.9	20.9	Yes	ng/kg
RIT-3-03	RIT-3-03-20141113	--	--	11/13/2014	42.5	22.9	Yes	ng/kg
SSAJ3-10	SSAJ3-10-0.0_01_BPC	0-0	--	2/11/2011	40.0	19.7	Yes	ng/kg
RSAO5	RSAO5-0.5B	0.5-2	--	6/29/2009	38.7	17.1	Yes	ng/kg

TABLE J4-4. Operations Area Soil TEQ Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Location ID	Sample ID	Depth (feet)	Parent Sample (if duplicate)	Sample Date	D/F Avian TEQ (ND=0.5DL)	Mammal D/F TEQ (ND=0.5DL)	Detect?	Units
SA-70	SA70-0BPC	0.5-1	--	6/17/2010	37.0	14.6	Yes	ng/kg
SA-157	SA157009-0.5B	0.5-2	SA157-0.5B	10/20/2009	36.9	12.0	Yes	ng/kg
BDT-2-N-10	BDT-2-N-10-6BPC	0-0.5	--	8/25/2010	36.7	16.4	Yes	ng/kg
SA-72	SA72-0.5B	0.5-2	--	7/27/2009	36.4	26.7	Yes	ng/kg
BDT-2-N-5	BDT-2-N-5-8BPC	0-1	--	8/25/2010	29.4	13.6	Yes	ng/kg
SA-166	SA166-0.5B	0.5-1.5	--	6/11/2009	28.8	6.3	Yes	ng/kg
SSAO7-06	SSAO7-06-0BPC	0-1	--	9/27/2010	27.8	13.7	Yes	ng/kg
SA-121	SA121-0.5B	0.5-2	--	9/25/2009	27.7	10.6	Yes	ng/kg
RSAI7	RSAI7-1BR	0.5-1	--	12/10/2009	25.4	10.9	Yes	ng/kg
CS-D23-2	CS-D23-2	0-0	--	6/30/2011	24.7	11.2	Yes	ng/kg
SA-74	SA74-0.5B	0-1.5	--	7/15/2009	24.5	12.3	Yes	ng/kg
SSAQ5-07	SSAQ5-07-2BPC	0.5-1.5	--	8/31/2010	21.2	9.7	Yes	ng/kg
RSAN5	RSAN5-0.5B	0.5-2	--	6/23/2009	19.9	11.1	Yes	ng/kg
RIDB-7	RIDB-7-0.5-20170312	0.5-1	--	3/12/2017	19.7	10.1	Yes	ng/kg
RIDB-7	RIDB-7-0.5-20170312-FD	0.5-1	RIDB-7-0.5-20170312	3/12/2017	19.5	9.98	Yes	ng/kg
SA-121	SA121009-0.5B	0.5-2	SA121-0.5B	9/25/2009	18.5	7.35	Yes	ng/kg
SSAO4-02	SSAO4-02-3BPC	0-0	--	4/8/2010	18.4	9.25	Yes	ng/kg
RSAI5	RSAI5-0.5B	0.5-2	--	7/24/2009	17.9	9.64	Yes	ng/kg
SA-114	SA114-1BR	0-0	--	12/16/2009	17.8	8.21	Yes	ng/kg
SSAQ5-07	SSAQ5-07-1BPC	0-0.5	--	8/31/2010	17.1	7.83	Yes	ng/kg
RSAO8	RSAO8-11.5B	0-1	--	9/14/2009	16.5	7.70	Yes	ng/kg
RIT-3-04	RIT-3-04-20141113	--	--	11/13/2014	15.8	8.02	Yes	ng/kg
SA-50	SA50-0.5B	0-0	--	6/30/2009	15.5	6.21	Yes	ng/kg
SSAL6-01	SSAL6-01-1BPC	0.5-1.5	--	5/18/2010	15.2	6.89	Yes	ng/kg
SA-69	SA69-0.5B	0.5-2	--	7/7/2009	14.4	7.72	Yes	ng/kg
RIDB-5	RIDB-5-0.5-20170311	0.5-1	--	3/11/2017	14.2	6.57	Yes	ng/kg
BDT-2-N-5	BDT-2-N-5-6BPC	0-0	--	8/25/2010	13.7	4.87	Yes	ng/kg
SA-35	SA35-0.5B	0-0	--	6/10/2009	13.2	5.18	Yes	ng/kg
RSAU4	RSAU4-0.5B	0.5-2	--	7/29/2009	11.5	6.72	Yes	ng/kg
RSAM8	RSAM8-0.5B	0-1	--	6/12/2009	11.4	4.46	Yes	ng/kg
SSAL7-02	SSAL7-02-1BPC	0.5-1.5	--	4/21/2010	11.4	7.92	Yes	ng/kg
CS-C07B-1	CS-C07B-1	0-0	--	4/20/2011	10.4	5.37	Yes	ng/kg
SA-92	SA92-1BR	0-0	--	12/15/2009	10.2	4.01	Yes	ng/kg
RIT-2-05	RIT-2-05-20141113	--	--	11/13/2014	9.84	2.79	Yes	ng/kg
RSAK6	RSAK6-0.5B	0-1	--	6/5/2009	9.71	2.95	Yes	ng/kg
SA-212	SA212-0.5B	0.5-2	--	9/28/2009	9.10	4.07	Yes	ng/kg
CS-D10-1	CS-D10-1	0-0	--	6/7/2011	8.18	4.96	Yes	ng/kg
SA-73	SA73-0.5B	0-1.5	--	7/29/2009	7.89	4.12	Yes	ng/kg
SA-114	SA114-1.5BR	0-0.5	--	12/16/2009	7.76	3.31	Yes	ng/kg
RSAN3	RSAN3-0.5B	0-1.5	--	7/8/2009	7.24	3.26	Yes	ng/kg
RSAL8	RSAL8-0BPC	0-0.5	--	6/17/2010	7.23	3.25	Yes	ng/kg
SA-75	SA75-0BPC	0-0	--	6/21/2010	7.05	3.01	Yes	ng/kg
RSAM2	RSAM2-0.5B	0.5-2	--	6/3/2009	6.68	2.97	Yes	ng/kg
RSAQ6	RSAQ6-0.5B	0-0	--	9/11/2009	6.40	3.47	Yes	ng/kg
RSAO6	RSAO6-0.5B	0-0.5	--	6/24/2009	6.33	3.51	Yes	ng/kg
CS-C05A-1	CS-C05A-1	0-0	--	4/20/2011	6.05	3.10	Yes	ng/kg
SA-28	SA28-0.5B	0.5-2	--	8/3/2009	5.76	5.59	Yes	ng/kg
RIT-3-02	RIT-3-02-20141113	--	--	11/13/2014	5.64	2.45	Yes	ng/kg
SA-150	SA150-1BR	0.5-1	--	12/15/2009	5.41	2.31	Yes	ng/kg
RSAU5	RSAU5-0.5B	0.5-2	--	8/5/2009	5.35	3.59	Yes	ng/kg
CS-E14C-1	CS-E14C-1	0-0	--	6/2/2011	5.14	2.32	Yes	ng/kg
TSB-GR-02	TSB-GR-02-0-FD	0-1.5	TSB-GR-02-0	11/19/2007	5.01	1.47	Yes	ng/kg
SA-185	SA185-0.5B	0.5-2	--	6/29/2009	4.84	2.15	Yes	ng/kg
CS-DC-4	CS-DC-4	0.5-0.5	--	6/2/2011	4.54	2.28	Yes	ng/kg
RSAI4	RSAI4-0.5B	0.5-2	--	7/24/2009	4.29	2.12	Yes	ng/kg
SA-75	SA75-1BR	0.5-1	--	12/11/2009	4.20	1.88	Yes	ng/kg
RSAP7	RSAP7-0.5B	0.5-2	--	10/27/2009	4.03	3.07	Yes	ng/kg
RSAO7	RSAO7-9B	0-1.5	--	10/12/2009	4.01	2.97	Yes	ng/kg
SA-151	SA151-0.5B	0.5-2	--	9/17/2009	3.90	2.45	Yes	ng/kg
SA-152	SA152009-0.5B	0-1.5	SA152-0.5B	6/4/2009	3.87	0.82	Yes	ng/kg
SA-138	SA138-0.5B	0.5-2.5	--	10/6/2009	3.86	2.86	Yes	ng/kg
SA-171	SA171-5B	0-1.5	--	10/19/2009	3.82	2.95	Yes	ng/kg
SA-141	SA141-14B	0-1.5	--	10/15/2009	3.58	2.88	Yes	ng/kg
RSAL7	RSAL7-0.5B	0.5-1.5	--	6/5/2009	3.50	1.18	Yes	ng/kg
SA-92	SA92-1.5BR	0-0.5	--	12/15/2009	3.41	1.41	Yes	ng/kg
SSAQ6-01	SSAQ6-01-1BPC	0-0.5	--	8/30/2010	3.08	1.49	Yes	ng/kg
SA-146	SA146-0.5B	0.5-2	--	8/4/2009	2.95	1.14	Yes	ng/kg
RSAQ7	RSAQ7-0.5B	0.5-2	--	10/27/2009	2.91	2.43	Yes	ng/kg
SA-141	SA141009-14B	0-1.5	SA141-14B	10/15/2009	2.88	2.32	Yes	ng/kg
TSB-GR-02	TSB-GR-02-0	0-1.5	--	11/19/2007	2.47	0.691	Yes	ng/kg
SA-176	SA176-0.5B	0-1	--	6/10/2009	1.61	1.06	Yes	ng/kg
SSAL3-05	SSAL3-05-1BPC	0.5-1.5	--	5/4/2010	1.43	0.646	Yes	ng/kg
SSAK5-05	SSAK5-05-9BPC	0-0	--	6/29/2010	1.39	0.891	Yes	ng/kg

TABLE J4-4. Operations Area Soil TEQ Values
Nevada Environmental Response Trust Site
Henderson, Nevada

Location ID	Sample ID	Depth (feet)	Parent Sample (if duplicate)	Sample Date	D/F Avian TEQ (ND=0.5DL)	Mammal D/F TEQ (ND=0.5DL)	Detect?	Units
SA-18	SA18-0.5	0-1.5	--	11/15/2006	1.38	0.819	Yes	ng/kg
EE-E14C-1	EE-E14C-1	0-0	--	6/2/2011	1.32	0.639	Yes	ng/kg
SA-55	SA55-0.5B	0.5-1.5	--	6/10/2009	0.958	0.624	Yes	ng/kg
SSAL8-01	SSAL8-01-1BPC	0-1	--	4/16/2010	0.952	0.682	Yes	ng/kg
SSAQ6-01	SSAQ6-01-2BPC	0.5-1.5	--	8/30/2010	0.879	0.395	Yes	ng/kg
SSAK2-02	SSAK2-02-0.0_01_BPC	0-0	--	2/9/2011	0.851	0.335	Yes	ng/kg
SSAK3-02	SSAK3-02-1BPC	0-0	--	4/8/2010	0.772	0.392	Yes	ng/kg
SA-31	SA31-0.5B	0.5-2	--	9/9/2009	0.588	0.365	Yes	ng/kg
RSAS3	RSAS3-0.5B	0.5-2	--	8/26/2009	0.496	0.233	Yes	ng/kg
SSAO8-05	SSAO8-05-0BPC	0-1	--	9/27/2010	0.467	0.184	Yes	ng/kg
TSB-GJ-04	TSB-GJ-04-0	0-1.5	--	11/19/2007	0.445	0.308	Yes	ng/kg
RSAS3	RSAS3009-0.5B	0.5-2	RSAS3-0.5B	8/26/2009	0.422	0.122	Yes	ng/kg
RSAN4	RSAN4-0.5B	0-1.5	--	7/8/2009	0.365	0.243	Yes	ng/kg
TSB-GJ-05	TSB-GJ-05-0	0-1.5	--	11/19/2007	0.355	0.235	No	ng/kg
SA-147	SA147-0.5B	0.5-2	--	8/4/2009	0.349	0.211	Yes	ng/kg
TSB-GJ-02	TSB-GJ-02-0	0-1.5	--	11/19/2007	0.333	0.196	No	ng/kg
TSB-GJ-03	TSB-GJ-03-0	0-1.5	--	11/19/2007	0.309	0.189	No	ng/kg
RIT-3-01	RIT-3-01-20141113	--	--	11/13/2014	0.300	0.213	Yes	ng/kg
TSB-GJ-02	TSB-GJ-02-0-FD	0-1.5	TSB-GJ-02-0	11/19/2007	0.282	0.179	No	ng/kg
RSAT6	RSAT6-0.5B	0.5-2	--	8/28/2009	0.265	0.202	Yes	ng/kg
SSAI3-02	SSAI3-02-15BPC	0-1	--	8/7/2010	0.251	0.161	Yes	ng/kg
SSAI3-02	SSAI3-02-14BPC	0-0	--	8/7/2010	0.179	0.131	Yes	ng/kg
SA-116	SA116-0.5B	0.5-2	--	9/2/2009	0.0959	0.0546	Yes	ng/kg

Notes:
D/F = Dioxin and furans
DL = Detection limit
mg/kg = Milligrams per kilogram
ND = Nondetects
TEQ = Toxicity equivalent quotient

	Avian TEQ	Mammal TEQ
Average Value	**920**	**478**
95% UCL	**1,443**	**870**
Max Value	**44,947**	**31,441**

TABLE J4-5. Food Web Uptake Factors For Dioxins and Furans in Soil
Nevada Environmental Response Trust Site
Henderson, Nevada

Constituent	Uptake To	BAF and Source		Wet or Dry Weight	Wet Weight BAF
Dioxin and Furan TEQs	Plants	0.0056	a	DW	0.000840
Dioxin and Furan TEQs	Prey mammals	0.000741	b	WW	0.000741

Constituent	Uptake to Terrestrial Invertebrates	BAF and Source		Wet or Dry Weight	Wet Weight BAF
Dioxin and Furan TEQs	Calculated using Eco-SSL formula at average TOC	0.900	c	WW	0.900
Dioxin and Furan TEQs	Calculated using Eco-SSL formula at 85th percentile foc	0.398	c	WW	0.398
Dioxin and Furan TEQs	Calculated using Eco-SSL formula at 95th percentile foc	0.241	c	WW	0.241
Dioxin and Furan TEQs	Uptake factor used for OU-1 Refined SLERA	0.190	--	WW	0.190
Dioxin and Furan TEQs	Calculated using Eco-SSL formula at 99th percentile foc	0.173	c	WW	0.173
Dioxin and Furan TEQs	Calculated using Eco-SSL formula at maximum foc	0.131	c	WW	0.131
Dioxin and Furan TEQs	USEPA Region 6	1.59	a	WW	1.59
Dioxin and Furan TEQs	Lowest Literature BAF	0.00898	d	WW	0.00898
Dioxin and Furan TEQs	Average Literature BAF	0.391	d	WW	0.391
Dioxin and Furan TEQs	Highest Literature BAF	1.52	d	WW	1.52

(a) USEPA Region 6. 1999. Screening level ecological risk assessment protocol for hazardous waste combustion facilities. Volume One. EPA530-D-99-001A. August. Appendix C2: Soil-to-plant and sediment-to-plant bioaccumulation factors.

(b) USEPA Region 6. 1999. Screening Level Ecological Risk Assessment Protocol for Hazardous Waste Combustion Facilities. Volume One (EPA530-D-99-001A). August. Appendix D: bioaccumulation factors for wildlife measurement receptors. Value for 2,3,7,8-TCDD and least shrew used as a surrogate.

(c) Ramboll calculated uptake factor based on USEPA 2007. USEPA. 2007. Guidance for Developing Ecological Soil Screening Levels (Eco-SSLs). Attachment 4-1 Exposure Factors and Bioaccumulation Models for Derivation of Wildlife Eco-SSLs. OSWER Directive 9285.7-55. Revised April 2007. See appendix text for more details regarding the calculation. Value for 2,3,7,8-TCDD used as a surrogate. See previous table.

(d) These values were taken from two papers that had BAFs for non-earthworm invertebrates. See text and previous table.

Plants are assumed to be 15% solids. The dry weight is multiplied by 0.15 to convert to wet weight.

Notes:
BAF = bioaccumulation factor
DW = Dry weight
Eco-SSL = Ecological soil screening level
OU-1 = OU-1 Refined SLERA Area
TEQ = Toxic equivalent quotient
TOC = Total Organic Carbon
USEPA= United States Environmental Protection Agency
WW = Wet weight

TABLE J4-6. Operations Area Exposure Point Concentrations for Dioxin and Furan TEQs

Nevada Environmental Response Trust Site
Henderson, Nevada

Constituent	Operations Area (mg/kg)	
	95% UCL	MAX
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03	4.49E-02
Calculated D/F Mammal TEQ (ND=0.5DL)	8.70E-04	3.14E-02

Notes:
% = Percent
D/F = Dioxin and furans
DL = Detection limit
MAX = Maximum
mg/kg = Milligrams per kilogram
ND = Nondetects
TEQ = Toxicity equivalent quotient
UCL = Upper confidence level

TABLE J4-7: Summary of Wildlife Food Web Input Variables and Receptor Parameters
Nevada Environmental Response Trust Site
Henderson, Nevada

Guild	Name	Species	Water IR w (L/day)	Food IR f (kg ww/day)	Surface Soil IR s (kg dw/day)	Terrestrial Dietary Makeup Plants (%)	Inverts (%)	Mammals (%)	BW (kg)	Range (ha)	ED (unitless)	AUF (unitless) Species-Specific AUF (Facility Area)	AUF (unitless) Con-serative AUF
Carnivore	Western Burrowing Owl	*Athene cunicularia*	1.66E-02	4.34E-02	6.52E-04	0.0	0.75	0.25	1.51E-01	113	1	1	1
Insectivore	American Robin	*Turdus migratorius*	1.10E-02	9.76E-02	4.88E-04	0.50	0.50	0.0	8.10E-02	0.48	1	1	1
Insectivore	Desert Shrew	*Nitiosorex crawfordi*	6.88E-04	2.30E-03	8.98E-05	0.00	0.95	0.05	4.00E-03	0.30	1	1	1
Insectivore	Fringed Myotis	*Myotis thysanodes*	1.14E-03	4.65E-03	0.00E+00	0.0	1.0	0.0	7.00E-03	29700	1	0.0047	1
Omnivore	Raccoon	*Procyon lotor*	4.68E-01	1.14E+00	2.67E-02	0.6	0.4	0.0	5.62E+00	630	1	0.22	1
Herbivore	Great Basin Pocket Mouse	*Perognathus parvus*	0.00E+00	4.04E-03	1.76E-04	0.9	0.1	0.0	2.30E-02	1.09	1	1	1

Notes:
The sources of the receptor parameter information are found in Appendix G.
Note that this ONLY includes receptors that eat invertebrates.

Facility Area Size (in hectares): 140

% = Percent
AUF = Area use factor
BW = Body weight
ED = Exposure duration - percentage of the year the receptor spends in the area
ha = Hectares
Inverts = Invertebrates
IR f = Ingestion rate of food (wet weight)
IR s = Ingestion rate of surface soil (dry weight)
IR w = Ingestion rate of water
kg = Kilograms
kg dw/day = Kilograms dry weight per day
kg ww/day = Kilograms wet weight per day
L/day = Liters per day

TABLE J4-8. Dioxin and Furan Toxicity Reference Values for Mammals and Birds
Nevada Environmental Response Trust Site
Henderson, Nevada

Chemical	Mammal TRV		Avian TRV	
	NOAEL	LOAEL	NOAEL	LOAEL
Dioxin and Furan TEQs	8.40E-06	3.10E-05	1.40E-05	1.40E-04

Notes:
D/F = Dioxin/furans
LOAEL = Lowest observed adverse effects level
mg/kg-bw/day = Milligrams per kilogram body weight per day
NOAEL = No observed adverse effects level
TEQ = Toxic equivalent quotient
TRV = Toxicity reference value
TSRF = Tittabawassee & Saginaw River & Floodplain

The source of the TRVs are explained in Section 4 of the main text.

TABLE J4-9A. Bioaccumulation Factor Uncertainty Evaluation Showing Potential Daily Dose and Hazard Quotients for Dioxins and Furans for Western Burrowing Owl: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Constituent	Soil mg/kg	Concentration Type	Plant Uptake Value In Wet Weight	Source	Plant Concentration mg/kg ww	% of Diet	TEQs in Diet from Plants mg/kg bw-d
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03	95% UCL	8.40E-04	USEPA Region 6, 1999	1.21E-06	0%	0

Constituent	Soil mg/kg	Concentration Type	Prey Mammal Uptake Value In Wet Weight	Source	Prey Mammal Concentration mg/kg ww	% of Diet	TEQs in Diet from Prey Mammals mg/kg bw-d
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03	95% UCL	7.41E-04	USEPA Region 6, 1999	1.07E-06	25%	7.68E-08

Constituent	Soil mg/kg	Concentration Type	Invertebrate Uptake Value in Wet Weight	Source	Invertebrate Concentration mg/kg ww	% of Diet	TEQs in Diet from Invertebrates mg/kg bw-d
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03	95% UCL	0.00898	Lowest Literature BAF	1.30E-05	75%	2.79E-06
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03		0.190	OU-1 Uptake Factor	2.74E-04	75%	5.91E-05
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03		0.900	Eco-SSL Average TOC	1.30E-03	75%	2.80E-04
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03		0.391	Average Literature BAF	5.65E-04	75%	1.22E-04
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03		1.59	USEPA Region 6	2.29E-03	75%	4.95E-04

Constituent	Soil mg/kg	Concentration Type	TEQs in Diet from Soil mg/kg bw-d	TEQs in Diet from Plants mg/kg bw-d	TEQs in Diet from Prey Mammals mg/kg bw-d	TEQs in Diet from Invertebrates mg/kg bw-d	Invertebrate Uptake Type	Total Daily Intake mg/kg bw-d
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03	95% UCL	6.23E-06	0	7.68E-08	2.79E-06	Lowest Literature BAF	9.10E-06
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03		6.23E-06	0	7.68E-08	5.91E-05	OU-1 Uptake Factor	6.54E-05
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03		6.23E-06	0	7.68E-08	2.80E-04	Eco-SSL Average TOC	2.86E-04
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03		6.23E-06	0	7.68E-08	1.22E-04	Average Literature BAF	1.28E-04
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03		6.23E-06	0	7.68E-08	4.95E-04	USEPA Region 6	5.01E-04

Area Use Factor = 1

Constituent	Concentration Type	Invertebrate Uptake Type	Total Daily Intake mg/kg bw-d	NOAEL TRV mg/kg bw-d	LOAEL TRV mg/kg bw-d	NOAEL HQ	LOAEL HQ
Calculated D/F Avian TEQ (ND=0.5DL)	95% UCL	Lowest Literature BAF	9.10E-06	1.40E-05	1.40E-04	0.6	0.06
Calculated D/F Avian TEQ (ND=0.5DL)		OU-1 Uptake Factor	6.54E-05	1.40E-05	1.40E-04	**5**	0.5
Calculated D/F Avian TEQ (ND=0.5DL)		Eco-SSL Average TOC	2.86E-04	1.40E-05	1.40E-04	**20**	**2**
Calculated D/F Avian TEQ (ND=0.5DL)		Average Literature BAF	1.28E-04	1.40E-05	1.40E-04	**9**	0.9
Calculated D/F Avian TEQ (ND=0.5DL)		USEPA Region 6	5.01E-04	1.40E-05	1.40E-04	**40**	**4**

Constituent	Concentration Type	Invertebrate Uptake Type	Total Daily Intake mg/kg bw-d	% From Soil	% From Plants	% From Prey Mammals	% From Invertebrates
Calculated D/F Avian TEQ (ND=0.5DL)	95% UCL	Lowest Literature BAF	9.10E-06	68	0	0.84	31
Calculated D/F Avian TEQ (ND=0.5DL)		OU-1 Uptake Factor	6.54E-05	9.5	0	0.12	90
Calculated D/F Avian TEQ (ND=0.5DL)		Eco-SSL Average TOC	2.86E-04	2.2	0	0.027	98
Calculated D/F Avian TEQ (ND=0.5DL)		Average Literature BAF	1.28E-04	4.9	0	0.06	95
Calculated D/F Avian TEQ (ND=0.5DL)		USEPA Region 6	5.01E-04	1.2	0	0.015	99

TABLE J4-9A. Bioaccumulation Factor Uncertainty Evaluation Showing Potential Daily Dose and Hazard Quotients for Dioxins and Furans for Western Burrowing Owl: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent	
AUF = Area use factor	
BAF = bioaccumulation factor	
D/F = Dioxins and furans	
DL = Detection limit	
Eco-SSL = Ecological Soil Screening Level	
HQ = Hazard quotient	
LOAEL = Lowest observed adverse effects level	
mg/kg = Milligrams per kilogram	
mg/kg-bw d = Milligrams per kilogram bodyweight per day	
ND = Nondetects	
NOAEL = No observed adverse effects level	
OU-1 = OU-1 Refined SLERA Area	
TEQ = Toxicity equivalent quotient	
TOC = Total Organic Carbon	
UCL = Upper confidence limit	
USEPA = United States Environmental Protection Agency	
ww = Wet weight	

0.5	HQ<1
1	HQ = 1
9	1< HQ < 10
90	10 ≤ HQ < 100
1,000	100 ≤ HQ

This food web model assumes an area use factor (AUF) of 1.

TABLE J4-9B. Bioaccumulation Factor Uncertainty Evaluation Showing Potential Daily Dose and Hazard Quotients for Dioxins and Furans for American Robin: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Constituent	Soil mg/kg	Concentration Type	Plant Uptake Value In Wet Weight	Source	Plant Concentration mg/kg ww	% of Diet	TEQs in Diet from Plants mg/kg bw-d
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03	95% UCL	8.40E-04	USEPA Region 6, 1999	1.21E-06	50%	7.30E-07

Constituent	Soil mg/kg	Concentration Type	Prey Mammal Uptake Value In Wet Weight	Source	Prey Mammal Concentration mg/kg ww	% of Diet	TEQs in Diet from Prey Mammals mg/kg bw-d
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03	95% UCL	7.41E-04	USEPA Region 6, 1999	1.07E-06	0%	0

Constituent	Soil mg/kg	Concentration Type	Invertebrate Uptake Value in Wet Weight	Source	Invertebrate Concentration mg/kg ww	% of Diet	TEQs in Diet from Invertebrates mg/kg bw-d
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03	95% UCL	0.00898	Lowest Literature BAF	1.30E-05	50%	7.81E-06
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03		0.190	OU-1 Uptake Factor	2.74E-04	50%	1.65E-04
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03		0.900	Eco-SSL Average TOC	1.30E-03	50%	7.83E-04
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03		0.391	Average Literature BAF	5.65E-04	50%	3.40E-04
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03		1.59	USEPA Region 6	2.29E-03	50%	1.38E-03

Constituent	Soil mg/kg	Concentration Type	TEQs in Diet from Soil mg/kg bw-d	TEQs in Diet from Plants mg/kg bw-d	TEQs in Diet from Prey Mammals mg/kg bw-d	TEQs in Diet from Invertebrates mg/kg bw-d	Invertebrate Uptake Type	Total Daily Intake mg/kg bw-d
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03	95% UCL	8.69E-06	7.30E-07	0	7.81E-06	Lowest Literature BAF	1.72E-05
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03		8.69E-06	7.30E-07	0	1.65E-04	OU-1 Uptake Factor	1.75E-04
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03		8.69E-06	7.30E-07	0	7.83E-04	Eco-SSL Average TOC	7.92E-04
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03		8.69E-06	7.30E-07	0	3.40E-04	Average Literature BAF	3.50E-04
Calculated D/F Avian TEQ (ND=0.5DL)	1.44E-03		8.69E-06	7.30E-07	0	1.38E-03	USEPA Region 6	1.39E-03

Area Use Factor = 1

Constituent	Concentration Type	Invertebrate Uptake Type	Total Daily Intake mg/kg bw-d	NOAEL TRV mg/kg bw-d	LOAEL TRV mg/kg bw-d	NOAEL HQ	LOAEL HQ
Calculated D/F Avian TEQ (ND=0.5DL)	95% UCL	Lowest Literature BAF	1.72E-05	1.40E-05	1.40E-04	**1**	0.1
Calculated D/F Avian TEQ (ND=0.5DL)		OU-1 Uptake Factor	1.75E-04	1.40E-05	1.40E-04	**10**	**1**
Calculated D/F Avian TEQ (ND=0.5DL)		Eco-SSL Average TOC	7.92E-04	1.40E-05	1.40E-04	**60**	**6**
Calculated D/F Avian TEQ (ND=0.5DL)		Average Literature BAF	3.50E-04	1.40E-05	1.40E-04	**20**	**2**
Calculated D/F Avian TEQ (ND=0.5DL)		USEPA Region 6	1.39E-03	1.40E-05	1.40E-04	**100**	**10**

Constituent	Concentration Type	Invertebrate Uptake Type	Total Daily Intake mg/kg bw-d	% From Soil	% From Plants	% From Prey Mammals	% From Invertebrates
Calculated D/F Avian TEQ (ND=0.5DL)	95% UCL	Lowest Literature BAF	1.72E-05	50	4.2	0	45
Calculated D/F Avian TEQ (ND=0.5DL)		OU-1 Uptake Factor	1.75E-04	5	0.42	0	95
Calculated D/F Avian TEQ (ND=0.5DL)		Eco-SSL Average TOC	7.92E-04	1.1	0.092	0	99
Calculated D/F Avian TEQ (ND=0.5DL)		Average Literature BAF	3.50E-04	2.5	0.21	0	97
Calculated D/F Avian TEQ (ND=0.5DL)		USEPA Region 6	1.39E-03	0.62	0.052	0	99

TABLE J4-9B. Bioaccumulation Factor Uncertainty Evaluation Showing Potential Daily Dose and Hazard Quotients for Dioxins and Furans for American Robin: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BAF = bioaccumulation factor
D/F = Dioxins and furans
DL = Detection limit
Eco-SSL = Ecological Soil Screening Level
HQ = Hazard quotient
LOAEL = Lowest observed adverse effects level
mg/kg = Milligrams per kilogram
mg/kg-bw d = Milligrams per kilogram bodyweight per day
ND = Nondetects
NOAEL = No observed adverse effects level
OU-1 = OU-1 Refined SLERA Area
TEQ = Toxicity equivalent quotient
TOC = Total Organic Carbon
UCL = Upper confidence limit
USEPA = United States Environmental Protection Agency
ww = Wet weight

0.5	HQ<1
1	HQ = 1
9	1< HQ < 10
90	10 ≤ HQ < 100
1,000	100 ≤ HQ

This food web model assumes an area use factor (AUF) of 1.

TABLE J4-9C. Bioaccumulation Factor Uncertainty Evaluation Showing Potential Daily Dose and Hazard Quotients for Dioxins and Furans for Desert Shrew: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Constituent	Soil mg/kg	Concentration Type	Plant Uptake Value In Wet Weight	Source	Plant Concentration mg/kg ww	% of Diet	TEQs in Diet from Plants mg/kg bw-d
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04	95% UCL	8.40E-04	USEPA Region 6, 1999	7.31E-07	0%	0

Constituent	Soil mg/kg	Concentration Type	Prey Mammal Uptake Value In Wet Weight	Source	Prey Mammal Concentration mg/kg ww	% of Diet	TEQs in Diet from Prey Mammals mg/kg bw-d
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04	95% UCL	7.41E-04	USEPA Region 6, 1999	6.45E-07	5%	1.85E-08

Constituent	Soil mg/kg	Concentration Type	Invertebrate Uptake Value in Wet Weight	Source	Invertebrate Concentration mg/kg ww	% of Diet	TEQs in Diet from Invertebrates mg/kg bw-d
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04	95% UCL	0.00898	Lowest Literature BAF	7.81E-06	95%	4.27E-06
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		0.190	OU-1 Uptake Factor	1.65E-04	95%	9.03E-05
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		0.900	Eco-SSL Average TOC	7.83E-04	95%	4.28E-04
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		0.391	Average Literature BAF	3.41E-04	95%	1.86E-04
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		1.59	USEPA Region 6	1.38E-03	95%	7.56E-04

Constituent	Soil mg/kg	Concentration Type	TEQs in Diet from Soil mg/kg bw-d	TEQs in Diet from Plants mg/kg bw-d	TEQs in Diet from Prey Mammals mg/kg bw-d	TEQs in Diet from Invertebrates mg/kg bw-d	Invertebrate Uptake Type	Total Daily Intake mg/kg bw-d
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04	95% UCL	1.95E-05	0	1.85E-08	4.27E-06	Lowest Literature BAF	2.38E-05
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		1.95E-05	0	1.85E-08	9.03E-05	OU-1 Uptake Factor	1.10E-04
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		1.95E-05	0	1.85E-08	4.28E-04	Eco-SSL Average TOC	4.47E-04
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		1.95E-05	0	1.85E-08	1.86E-04	Average Literature BAF	2.06E-04
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		1.95E-05	0	1.85E-08	7.56E-04	USEPA Region 6	7.75E-04

Area Use Factor = 1

Constituent	Concentration Type	Invertebrate Uptake Type	Total Daily Intake mg/kg bw-d	NOAEL TRV mg/kg bw-d	LOAEL TRV mg/kg bw-d	NOAEL HQ	LOAEL HQ
Calculated D/F Mammalian TEQ (ND=0.5DL)	95% UCL	Lowest Literature BAF	2.38E-05	8.40E-06	3.10E-05	**3**	0.8
Calculated D/F Mammalian TEQ (ND=0.5DL)		OU-1 Uptake Factor	1.10E-04	8.40E-06	3.10E-05	**10**	**4**
Calculated D/F Mammalian TEQ (ND=0.5DL)		Eco-SSL Average TOC	4.47E-04	8.40E-06	3.10E-05	**50**	**10**
Calculated D/F Mammalian TEQ (ND=0.5DL)		Average Literature BAF	2.06E-04	8.40E-06	3.10E-05	**20**	**7**
Calculated D/F Mammalian TEQ (ND=0.5DL)		USEPA Region 6	7.75E-04	8.40E-06	3.10E-05	**90**	**30**

Constituent	Concentration Type	Invertebrate Uptake Type	Total Daily Intake mg/kg bw-d	% From Soil	% From Plants	% From Prey Mammals	% From Invertebrates
Calculated D/F Mammalian TEQ (ND=0.5DL)	95% UCL	Lowest Literature BAF	2.38E-05	82	0	0.078	18
Calculated D/F Mammalian TEQ (ND=0.5DL)		OU-1 Uptake Factor	1.10E-04	18	0	0.017	82
Calculated D/F Mammalian TEQ (ND=0.5DL)		Eco-SSL Average TOC	4.47E-04	4.4	0	0.0041	96
Calculated D/F Mammalian TEQ (ND=0.5DL)		Average Literature BAF	2.06E-04	9.5	0	0.009	90
Calculated D/F Mammalian TEQ (ND=0.5DL)		USEPA Region 6	7.75E-04	2.5	0	0.0024	97

TABLE J4-9C. Bioaccumulation Factor Uncertainty Evaluation Showing Potential Daily Dose and Hazard Quotients for Dioxins and Furans for Desert Shrew: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BAF = bioaccumulation factor
D/F = Dioxins and furans
DL = Detection limit
Eco-SSL = Ecological Soil Screening Level
HQ = Hazard quotient
LOAEL = Lowest observed adverse effects level
mg/kg = Milligrams per kilogram
mg/kg-bw d = Milligrams per kilogram bodyweight per day
ND = Nondetects
NOAEL = No observed adverse effects level
OU-1 = OU-1 Refined SLERA Area
TEQ = Toxicity equivalent quotient
TOC = Total Organic Carbon
UCL = Upper confidence limit
USEPA = United States Environmental Protection Agency
ww = Wet weight

0.5	HQ<1
1	HQ = 1
9	1< HQ < 10
90	10 ≤ HQ < 100
1,000	100 ≤ HQ

This food web model assumes an area use factor (AUF) of 1.

TABLE J4-9D. Bioaccumulation Factor Uncertainty Evaluation Showing Potential Daily Dose and Hazard Quotients for Dioxins and Furans for Fringed Myotis Bat: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Constituent	Soil mg/kg	Concentration Type	Plant Uptake Value In Wet Weight	Source	Plant Concentration mg/kg ww	% of Diet	TEQs in Diet from Plants mg/kg bw-d
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04	95% UCL	8.40E-04	USEPA Region 6, 1999	7.31E-07	0%	0

Constituent	Soil mg/kg	Concentration Type	Prey Mammal Uptake Value In Wet Weight	Source	Prey Mammal Concentration mg/kg ww	% of Diet	TEQs in Diet from Prey Mammals mg/kg bw-d
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04	95% UCL	7.41E-04	USEPA Region 6, 1999	6.45E-07	0%	0

Constituent	Soil mg/kg	Concentration Type	Invertebrate Uptake Value in Wet Weight	Source	Invertebrate Concentration mg/kg ww	% of Diet	TEQs in Diet from Invertebrates mg/kg bw-d
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04	95% UCL	0.00898	Lowest Literature BAF	7.81E-06	100%	5.19E-06
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		0.190	OU-1 Uptake Factor	1.65E-04	100%	1.10E-04
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		0.900	Eco-SSL Average TOC	7.83E-04	100%	5.21E-04
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		0.391	Average Literature BAF	3.41E-04	100%	2.26E-04
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		1.59	USEPA Region 6	1.38E-03	100%	9.20E-04

Constituent	Soil mg/kg	Concentration Type	TEQs in Diet from Soil mg/kg bw-d	TEQs in Diet from Plants mg/kg bw-d	TEQs in Diet from Prey Mammals mg/kg bw-d	TEQs in Diet from Invertebrates mg/kg bw-d	Invertebrate Uptake Type	Total Daily Intake mg/kg bw-d
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04	95% UCL	0	0	0	5.19E-06	Lowest Literature BAF	5.19E-06
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		0	0	0	1.10E-04	OU-1 Uptake Factor	1.10E-04
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		0	0	0	5.21E-04	Eco-SSL Average TOC	5.21E-04
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		0	0	0	2.26E-04	Average Literature BAF	2.26E-04
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		0	0	0	9.20E-04	USEPA Region 6	9.20E-04

						Area Use Factor =	1	Area Use Factor =	0.0047
Constituent	Concentration Type	Invertebrate Uptake Type	Total Daily Intake mg/kg bw-d	NOAEL TRV mg/kg bw-d	LOAEL TRV mg/kg bw-d	NOAEL HQ	LOAEL HQ	NOAEL HQ	LOAEL HQ
Calculated D/F Mammalian TEQ (ND=0.5DL)	95% UCL	Lowest Literature BAF	5.19E-06	8.40E-06	3.10E-05	0.6	0.2	0.003	0.0008
Calculated D/F Mammalian TEQ (ND=0.5DL)		OU-1 Uptake Factor	1.10E-04	8.40E-06	3.10E-05	**10**	**4**	0.06	0.02
Calculated D/F Mammalian TEQ (ND=0.5DL)		Eco-SSL Average TOC	5.21E-04	8.40E-06	3.10E-05	**60**	**20**	0.3	0.08
Calculated D/F Mammalian TEQ (ND=0.5DL)		Average Literature BAF	2.26E-04	8.40E-06	3.10E-05	**30**	**7**	0.1	0.03
Calculated D/F Mammalian TEQ (ND=0.5DL)		USEPA Region 6	9.20E-04	8.40E-06	3.10E-05	**100**	**30**	0.5	0.1

Constituent	Concentration Type	Invertebrate Uptake Type	Total Daily Intake mg/kg bw-d	% From Soil	% From Plants	% From Prey Mammals	% From Invertebrates
Calculated D/F Mammalian TEQ (ND=0.5DL)	95% UCL	Lowest Literature BAF	5.19E-06	0	0	0	100
Calculated D/F Mammalian TEQ (ND=0.5DL)		OU-1 Uptake Factor	1.10E-04	0	0	0	100
Calculated D/F Mammalian TEQ (ND=0.5DL)		Eco-SSL Average TOC	5.21E-04	0	0	0	100
Calculated D/F Mammalian TEQ (ND=0.5DL)		Average Literature BAF	2.26E-04	0	0	0	100
Calculated D/F Mammalian TEQ (ND=0.5DL)		USEPA Region 6	9.20E-04	0	0	0	100

TABLE J4-9D. Bioaccumulation Factor Uncertainty Evaluation Showing Potential Daily Dose and Hazard Quotients for Dioxins and Furans for Fringed Myotis Bat: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent	0.5 HQ<1
AUF = Area use factor	**1** HQ = 1
BAF = bioaccumulation factor	**9** 1< HQ < 10
D/F = Dioxins and furans	**90** 10 ≤ HQ < 100
DL = Detection limit	**1,000** 100 ≤ HQ
Eco-SSL = Ecological Soil Screening Level	
HQ = Hazard quotient	
LOAEL = Lowest observed adverse effects level	
mg/kg = Milligrams per kilogram	
mg/kg-bw d = Milligrams per kilogram bodyweight per day	
ND = Nondetects	
NOAEL = No observed adverse effects level	
OU-1 = OU-1 Refined SLERA Area	
TEQ = Toxicity equivalent quotient	
TOC = Total Organic Carbon	
UCL = Upper confidence limit	
USEPA = United States Environmental Protection Agency	
ww = Wet weight	

This food web model shows results for an area use factor (AUF) of 1 as well as a species-specific, site-specific AUF.

TABLE J4-9E. Bioaccumulation Factor Uncertainty Evaluation Showing Potential Daily Dose and Hazard Quotients for Dioxins and Furans for Raccoon: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Constituent	Soil mg/kg	Concentration Type	Plant Uptake Value In Wet Weight	Source	Plant Concentration mg/kg ww	% of Diet	TEQs in Diet from Plants mg/kg bw-d
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04	95% UCL	8.40E-04	USEPA Region 6, 1999	7.31E-07	60%	8.87E-08

Constituent	Soil mg/kg	Concentration Type	Prey Mammal Uptake Value In Wet Weight	Source	Prey Mammal Concentration mg/kg ww	% of Diet	TEQs in Diet from Prey Mammals mg/kg bw-d
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04	95% UCL	7.41E-04	USEPA Region 6, 1999	6.45E-07	0%	0

Constituent	Soil mg/kg	Concentration Type	Invertebrate Uptake Value in Wet Weight	Source	Invertebrate Concentration mg/kg ww	% of Diet	TEQs in Diet from Invertebrates mg/kg bw-d
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04	95% UCL	0.00898	Lowest Literature BAF	7.81E-06	40%	6.32E-07
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		0.190	OU-1 Uptake Factor	1.65E-04	40%	1.34E-05
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		0.900	Eco-SSL Average TOC	7.83E-04	40%	6.33E-05
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		0.391	Average Literature BAF	3.41E-04	40%	2.75E-05
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		1.59	USEPA Region 6	1.38E-03	40%	1.12E-04

Constituent	Soil mg/kg	Concentration Type	TEQs in Diet from Soil mg/kg bw-d	TEQs in Diet from Plants mg/kg bw-d	TEQs in Diet from Prey Mammals mg/kg bw-d	TEQs in Diet from Invertebrates mg/kg bw-d	Invertebrate Uptake Type	Total Daily Intake mg/kg bw-d
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04	95% UCL	4.13E-06	8.87E-08	0	6.32E-07	Lowest Literature BAF	4.85E-06
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		4.13E-06	8.87E-08	0	1.34E-05	OU-1 Uptake Factor	1.76E-05
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		4.13E-06	8.87E-08	0	6.33E-05	Eco-SSL Average TOC	6.76E-05
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		4.13E-06	8.87E-08	0	2.75E-05	Average Literature BAF	3.18E-05
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		4.13E-06	8.87E-08	0	1.12E-04	USEPA Region 6	1.16E-04

						Area Use Factor =	1	Area Use Factor =	0.22
Constituent	Concentration Type	Invertebrate Uptake Type	Total Daily Intake mg/kg bw-d	NOAEL TRV mg/kg bw-d	LOAEL TRV mg/kg bw-d	NOAEL HQ	LOAEL HQ	NOAEL HQ	LOAEL HQ
Calculated D/F Mammalian TEQ (ND=0.5DL)	95% UCL	Lowest Literature BAF	4.85E-06	8.40E-06	3.10E-05	0.6	0.2	0.1	0.03
Calculated D/F Mammalian TEQ (ND=0.5DL)		OU-1 Uptake Factor	1.76E-05	8.40E-06	3.10E-05	**2**	0.6	0.5	0.1
Calculated D/F Mammalian TEQ (ND=0.5DL)		Eco-SSL Average TOC	6.76E-05	8.40E-06	3.10E-05	**8**	**2**	**2**	0.5
Calculated D/F Mammalian TEQ (ND=0.5DL)		Average Literature BAF	3.18E-05	8.40E-06	3.10E-05	**4**	**1**	0.8	0.2
Calculated D/F Mammalian TEQ (ND=0.5DL)		USEPA Region 6	1.16E-04	8.40E-06	3.10E-05	**10**	**4**	**3**	0.8

Constituent	Concentration Type	Invertebrate Uptake Type	Total Daily Intake mg/kg bw-d	% From Soil	% From Plants	% From Prey Mammals	% From Invertebrates
Calculated D/F Mammalian TEQ (ND=0.5DL)	95% UCL	Lowest Literature BAF	4.85E-06	85	1.8	0	13
Calculated D/F Mammalian TEQ (ND=0.5DL)		OU-1 Uptake Factor	1.76E-05	23	0.5	0	76
Calculated D/F Mammalian TEQ (ND=0.5DL)		Eco-SSL Average TOC	6.76E-05	6.1	0.13	0	94
Calculated D/F Mammalian TEQ (ND=0.5DL)		Average Literature BAF	3.18E-05	13	0.28	0	87
Calculated D/F Mammalian TEQ (ND=0.5DL)		USEPA Region 6	1.16E-04	3.6	0.076	0	96

TABLE J4-9E. Bioaccumulation Factor Uncertainty Evaluation Showing Potential Daily Dose and Hazard Quotients for Dioxins and Furans for Raccoon: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

% = Percent
AUF = Area use factor
BAF = bioaccumulation factor
D/F = Dioxins and furans
DL = Detection limit
Eco-SSL = Ecological Soil Screening Level
HQ = Hazard quotient
LOAEL = Lowest observed adverse effects level
mg/kg = Milligrams per kilogram
mg/kg-bw d = Milligrams per kilogram bodyweight per day
ND = Nondetects
NOAEL = No observed adverse effects level
OU-1 = OU-1 Refined SLERA Area
TEQ = Toxicity equivalent quotient
TOC = Total Organic Carbon
UCL = Upper confidence limit
USEPA = United States Environmental Protection Agency
ww = Wet weight

0.5	HQ<1
1	HQ = 1
9	1< HQ < 10
90	10 ≤ HQ < 100
1,000	100 ≤ HQ

This food web model shows results for an area use factor (AUF) of 1 as well as a species-specific, site-specific AUF.

TABLE J4-9F. Bioaccumulation Factor Uncertainty Evaluation Showing Potential Daily Dose and Hazard Quotients for Dioxins and Furans for Great Basin Pocket Mouse: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Constituent	Soil mg/kg	Concentration Type	Plant Uptake Value In Wet Weight	Source	Plant Concentration mg/kg ww	% of Diet	TEQs in Diet from Plants mg/kg bw-d
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04	95% UCL	8.40E-04	USEPA Region 6, 1999	7.31E-07	90%	1.16E-07

Constituent	Soil mg/kg	Concentration Type	Prey Mammal Uptake Value In Wet Weight	Source	Prey Mammal Concentration mg/kg ww	% of Diet	TEQs in Diet from Prey Mammals mg/kg bw-d
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04	95% UCL	7.41E-04	USEPA Region 6, 1999	6.45E-07	0%	0

Constituent	Soil mg/kg	Concentration Type	Invertebrate Uptake Value in Wet Weight	Source	Invertebrate Concentration mg/kg ww	% of Diet	TEQs in Diet from Invertebrates mg/kg bw-d
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04	95% UCL	0.00898	Lowest Literature BAF	7.81E-06	10%	1.38E-07
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		0.190	OU-1 Uptake Factor	1.65E-04	10%	2.91E-06
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		0.900	Eco-SSL Average TOC	7.83E-04	10%	1.38E-05
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		0.391	Average Literature BAF	3.41E-04	10%	5.99E-06
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		1.59	USEPA Region 6	1.38E-03	10%	2.43E-05

Constituent	Soil mg/kg	Concentration Type	TEQs in Diet from Soil mg/kg bw-d	TEQs in Diet from Plants mg/kg bw-d	TEQs in Diet from Prey Mammals mg/kg bw-d	TEQs in Diet from Invertebrates mg/kg bw-d	Invertebrate Uptake Type	Total Daily Intake mg/kg bw-d
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04	95% UCL	6.68E-06	1.16E-07	0	1.38E-07	Lowest Literature BAF	6.94E-06
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		6.68E-06	1.16E-07	0	2.91E-06	OU-1 Uptake Factor	9.71E-06
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		6.68E-06	1.16E-07	0	1.38E-05	Eco-SSL Average TOC	2.06E-05
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		6.68E-06	1.16E-07	0	5.99E-06	Average Literature BAF	1.28E-05
Calculated D/F Mammalian TEQ (ND=0.5DL)	8.70E-04		6.68E-06	1.16E-07	0	2.43E-05	USEPA Region 6	3.11E-05

Area Use Factor = 1

Constituent	Concentration Type	Invertebrate Uptake Type	Total Daily Intake mg/kg bw-d	NOAEL TRV mg/kg bw-d	LOAEL TRV mg/kg bw-d	NOAEL HQ	LOAEL HQ
Calculated D/F Mammalian TEQ (ND=0.5DL)	95% UCL	Lowest Literature BAF	6.94E-06	8.40E-06	3.10E-05	0.8	0.2
Calculated D/F Mammalian TEQ (ND=0.5DL)		OU-1 Uptake Factor	9.71E-06	8.40E-06	3.10E-05	**1**	0.3
Calculated D/F Mammalian TEQ (ND=0.5DL)		Eco-SSL Average TOC	2.06E-05	8.40E-06	3.10E-05	**2**	0.7
Calculated D/F Mammalian TEQ (ND=0.5DL)		Average Literature BAF	1.28E-05	8.40E-06	3.10E-05	**2**	0.4
Calculated D/F Mammalian TEQ (ND=0.5DL)		USEPA Region 6	3.11E-05	8.40E-06	3.10E-05	**4**	**1**

Constituent	Concentration Type	Invertebrate Uptake Type	Total Daily Intake mg/kg bw-d	% From Soil	% From Plants	% From Prey Mammals	% From Invertebrates
Calculated D/F Mammalian TEQ (ND=0.5DL)	95% UCL	Lowest Literature BAF	6.94E-06	96	1.7	0	2
Calculated D/F Mammalian TEQ (ND=0.5DL)		OU-1 Uptake Factor	9.71E-06	69	1.2	0	30
Calculated D/F Mammalian TEQ (ND=0.5DL)		Eco-SSL Average TOC	2.06E-05	32	0.56	0	67
Calculated D/F Mammalian TEQ (ND=0.5DL)		Average Literature BAF	1.28E-05	52	0.9	0	47
Calculated D/F Mammalian TEQ (ND=0.5DL)		USEPA Region 6	3.11E-05	21	0.37	0	78

TABLE J4-9F. Bioaccumulation Factor Uncertainty Evaluation Showing Potential Daily Dose and Hazard Quotients for Dioxins and Furans for Great Basin Pocket Mouse: Operations Area
Nevada Environmental Response Trust Site
Henderson, Nevada

Notes:

0.5	HQ<1
1	HQ = 1
9	1< HQ < 10
90	10 ≤ HQ < 100
1,000	100 ≤ HQ

% = Percent
AUF = Area use factor
BAF = bioaccumulation factor
D/F = Dioxins and furans
DL = Detection limit
Eco-SSL = Ecological Soil Screening Level
HQ = Hazard quotient
LOAEL = Lowest observed adverse effects level
mg/kg = Milligrams per kilogram
mg/kg-bw d = Milligrams per kilogram bodyweight per day
ND = Nondetects
NOAEL = No observed adverse effects level
OU-1 = OU-1 Refined SLERA Area
TEQ = Toxicity equivalent quotient
TOC = Total Organic Carbon
UCL = Upper confidence limit
USEPA = United States Environmental Protection Agency
ww = Wet weight

This food web model assumes an area use factor (AUF) of 1.

TABLE J4-10. Summary of Hazard Quotients
Nevada Environmental Response Trust Site
Henderson, Nevada

AVIANS

AVIANS	Concentration Type	Invertebrate Uptake Value in Wet Weight	Source	Western Burrowing Owl AUF = 1		American Robin AUF = 1	
				NOAEL HQ	LOAEL HQ	NOAEL HQ	LOAEL HQ
Calculated D/F TEQ (ND=0.5DL)	95% UCL	0.00898	Lowest Literature BAF	0.6	0.06	1	0.1
Calculated D/F TEQ (ND=0.5DL)		0.190	OU-1 Uptake Factor	5	0.5	10	1
Calculated D/F TEQ (ND=0.5DL)		0.900	Eco-SSL Average TOC	20	2	60	6
Calculated D/F TEQ (ND=0.5DL)		0.391	Average Literature BAF	9	0.9	20	2
Calculated D/F TEQ (ND=0.5DL)		1.59	USEPA Region 6	40	4	100	10

MAMMALS

Constituent	Concentration Type	Invertebrate Uptake Value in Wet Weight	Source	Desert Shrew AUF = 1		Fringed Myotis Bat AUF = 1		Fringed Myotis Bat AUF < 1	
				NOAEL HQ	LOAEL HQ	NOAEL HQ	LOAEL HQ	NOAEL HQ	LOAEL HQ
Calculated D/F TEQ (ND=0.5DL)	95% UCL	0.00898	Lowest Literature BAF	3	0.8	0.6	0.2	0.003	0.0008
Calculated D/F TEQ (ND=0.5DL)		0.190	OU-1 Uptake Factor	10	4	10	4	0.06	0.02
Calculated D/F TEQ (ND=0.5DL)		0.900	Eco-SSL Average TOC	50	10	60	20	0.3	0.08
Calculated D/F TEQ (ND=0.5DL)		0.391	Average Literature BAF	20	7	30	7	0.1	0.03
Calculated D/F TEQ (ND=0.5DL)		1.59	USEPA Region 6	90	30	100	30	0.5	0.1

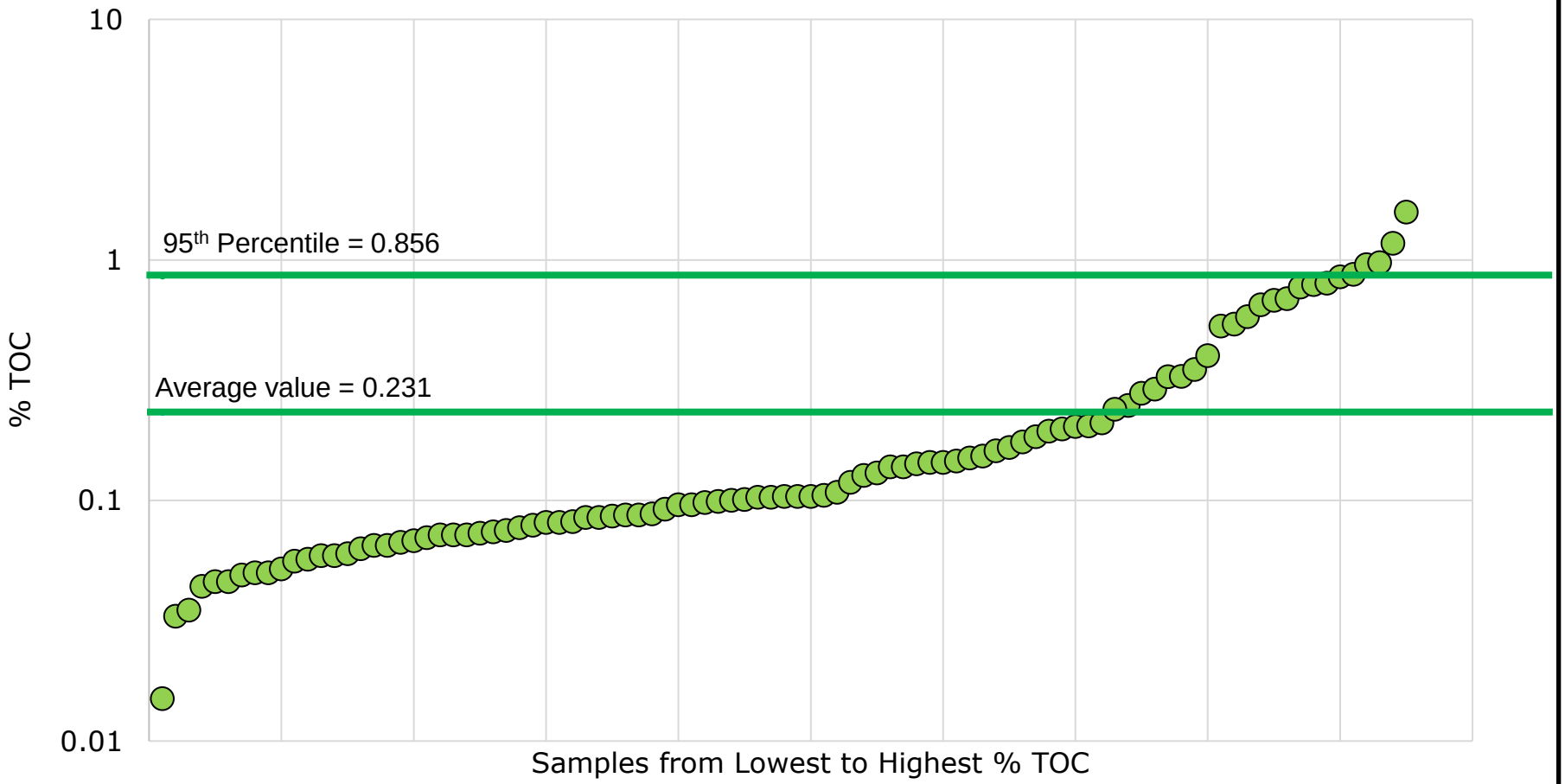
MAMMALS

Constituent	Concentration Type	Invertebrate Uptake Value in Wet Weight	Source	Raccoon AUF = 1		Raccoon AUF < 1		Great Basin Pocket Mouse AUF = 1	
				NOAEL HQ	LOAEL HQ	NOAEL HQ	LOAEL HQ	NOAEL HQ	LOAEL HQ
Calculated D/F TEQ (ND=0.5DL)	95% UCL	0.00898	Lowest Literature BAF	0.6	0.2	0.1	0.03	0.8	0.2
Calculated D/F TEQ (ND=0.5DL)		0.190	OU-1 Uptake Factor	2	0.6	0.5	0.1	1	0.3
Calculated D/F TEQ (ND=0.5DL)		0.900	Eco-SSL Average TOC	8	2	2	0.5	2	0.7
Calculated D/F TEQ (ND=0.5DL)		0.391	Average Literature BAF	4	1	0.8	0.2	2	0.4
Calculated D/F TEQ (ND=0.5DL)		1.59	USEPA Region 6	10	4	3	0.8	4	1

Notes:

% = Percent
AUF = Area use factor
BAF = bioaccumulation factor
D/F = Dioxins and furans
DL = Detection limit
Eco-SSL = Ecological soil screening level
HQ = Hazard quotient
NOAEL = No observed adverse effects level
ND = Nondetects
NOAEL = No observed adverse effects level
OU-1 = OU-1 Refined SLERA Area
TEQ = Toxicity equivalent quotient
TOC = Total Organic Carbon
UCL = Upper confidence limit
USEPA= United States Environmental Protection Agency

FIGURES



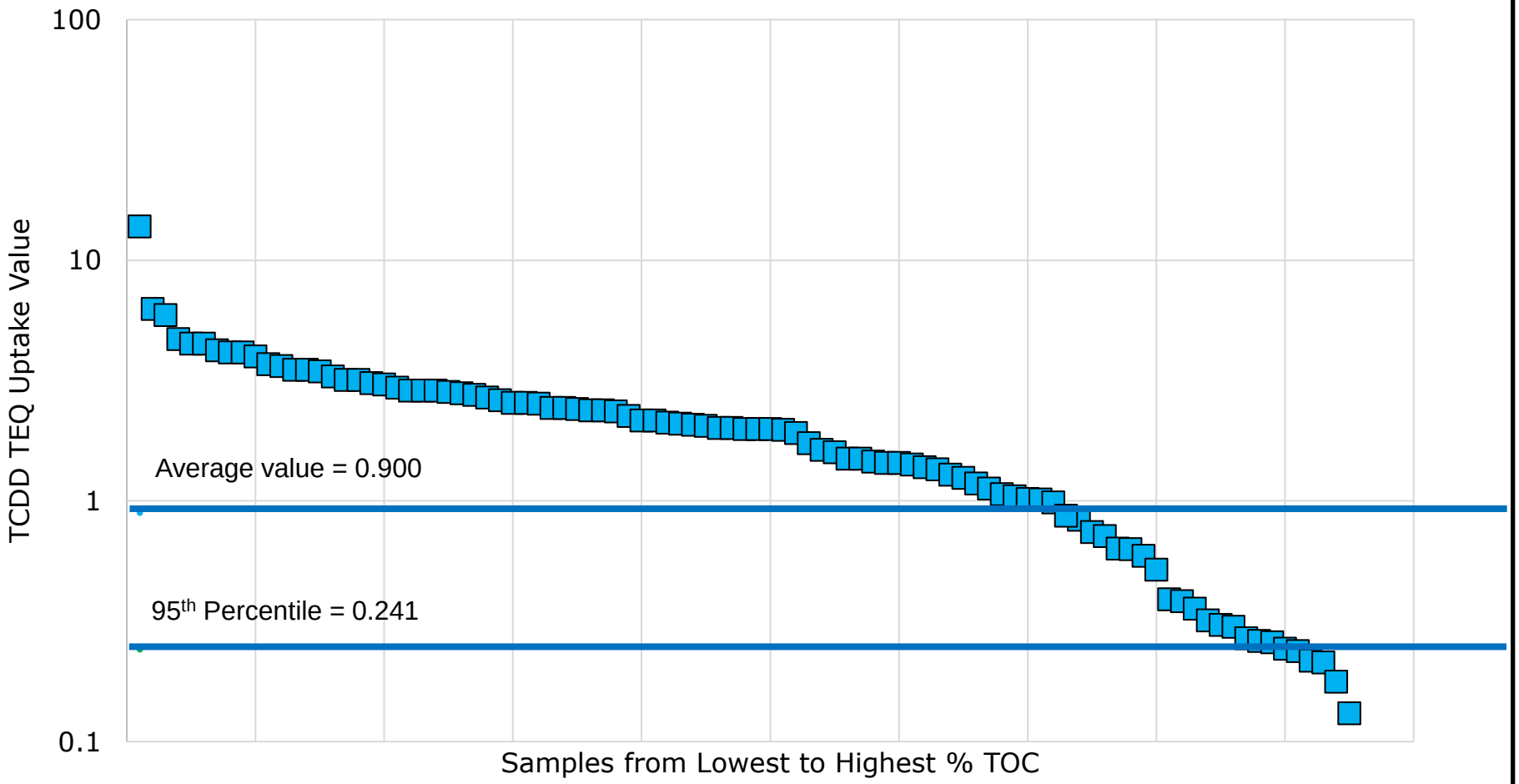
Notes:
OU-1 = Operable Unit 1
TOC = Total organic carbon

This figure shows the range of TOC values in Operations Area of OU-1 from lowest to highest. The average and 95th percentile values are also shown.

RAMBOLL

TOC in Operations Area Soil Samples from Lowest to Highest
NERT Environmental Response Trust Site
Henderson Nevada

FIGURE
J4-1



Notes:
OU-1 = Operable Unit 1
TCDD = 2,3,7,8-Tetrachlorodibenzodioxin
TEQ = Toxicity equivalents quotient
TOC = Total organic carbon

This figure shows the range of TCDD TEQ uptake values in the Operations Area of OU-1 from lowest to highest. The average and 95th percentile values are also shown.

RAMBOLL

TCDD TEQ Uptake Based on Operations Area TOC Sample Concentrations
NERT Environmental Response Trust Site
Henderson Nevada

FIGURE
J4-2

APPENDIX J-5
UNCERTAINTIES ASSOCIATED WITH THE USE OF ECOSAR FOR SOIL CRITERIA

UNCERTAINTIES USING THE ECOSAR MODEL FOR SOIL CRITERIA

Overview

Many of USEPA Region 4's soil criteria (USEPA 2018) are based on the ECOSAR model (https://www.epa.gov/tsca-screening-tools/ecological-structure-activity-relationships-ecosar-predictive-model) combined with the "Region 4 soil model." ECOSAR estimates aquatic toxicity values for each chemical based on only the chemical structure and solubility. The relationship of chemical structure to biological activity and toxicity is called a "structure-activity relationship" (SAR). The math from ECOSAR predicts a Quantitative Structure-Activity Relationship (QSAR) which predicts quantitative toxicological endpoints for aquatic organisms (green algae, daphnids, and fathead minnows) based solely on the chemical structure and water solubility. The Region 4 soil model calculates a soil criterion based on the water quality benchmark from ECOSAR, the soil fraction of organic carbon (assumes 1% soil organic carbon), chemical characteristics, and three assumed values of soil (water content, aeration porosity, and soil bulk density).

There are many uncertainties in this process, not the least of which are due to the difference between whatever aquatic organism the ECOSAR was based on (Region 4 does not specify and has not released the ECOSAR information for the modeled chemicals) and soil invertebrates coupled with the specificity and accuracy of the ECOSAR model itself. While the ECOSAR toxicity values are a useful place to start an investigation of chemicals where there is little-to-no toxicity testing, in general, actual measured toxicity values are less uncertain than modeled ones. ECOSAR itself was designed to be able to process large number of chemicals in relatively short timespans to prioritize further testing (Cronin et al., 2003; Sanderson, 2003; de Hass et al., 2011; Hulzebos and Posthumus, 2019), not for creating environmental criteria. The reason why it is not generally used for the creation of criteria is because of the uncertainties inherent in ECOTOX. For instance, some of the structure-activity relationships are based on as few as four chemicals and have an r^2 value (r^2 is an estimate of how well one variable predicts another variable, or how well ECOSAR estimated toxicity estimates measured toxicity) of 0.7 (Hulzebos and Posthumus, 2019). The USEPA (Office of Pollution Prevention and Toxics, Toxic Substances Control Act, Endocrine Disruptors Screening and Testing Advisory Committee, chemical premanufacture notifications) relies on ECOSAR to help screen chemicals to find those in need of the most urgent testing (Cronin et al., 2003) but they did not choose to use them for the federally promulgated water quality criteria (which are based on copious biological testing). While ECOSAR is a good tool to show where to start an investigation, it rarely is the last word on the subject.

The Last 25 Years of ECOSAR

As the ECOSAR model has been in a state of continuous improvement for the better part of 25 years. Through the years, many studies have striven to show how well it works.

- Kaiser et al., (1999) was published the year after ECOSAR became publicly available (though structure-activity relationships had been a subject of scientific interest by the USEPA since the early 80s). Their initial analysis was:

  "Our concerns with ECOSAR are threefold:

(i) most of the linear correlations developed from the empirical toxicity data are statistically insignificant as they are derived from too few measured data - obvious from correlation coefficients near or at 1.0;

(ii) the statistics stated for many of the equations are highly inflated by including several measurements for the same compound as independent variables within one class of compounds - up to three times the actual number of compounds; and

(iii) the classification of compounds is inconsistent and contains elements of both a chemical nature and the compounds' use - the latter is subject to interpretation and change."

In the next couple of decades of scientific literature, these concerns haven't changed - though the underlying data has gotten much better.

- Hulzebos and Posthumus (2003) found that ECOSAR predicted the wrong magnitude of toxicity for about one third of the roughly 60 chemicals tested. In fact, when they set up reasonable criteria for "unreliable" QSARs (such as the QSAR is based on $n \leq 4$ data or number of data is not recorded, $r^2 < 0.7$, lack of regression lines, misclassification of a chemical) they found that out of the 46 classes of chemicals and 123 structure-activity relationships in ECOSAR that 78% if the structure-activity relationships were considered "unreliable".
- Sanderson et al., (2003) compared ECOSAR and experimental data for 20 pharmaceutical chemicals and found that 80% of the chemicals tested, ECOSAR overestimated the environmental toxicity of these chemicals (see Figure 4 of that document). Pharmaceutical chemicals are (necessarily) biologically active and may have toxic modes of action that are quite different than the chemicals used to develop the math underlying ECOSAR (for instance, the pharmaceutical may disrupt bacterial cell walls – so testing it on algae, daphnids, and fathead minnows is of questionable use). The open question is, does ECOSAR adequately model the modes of action of the constituents of concern?
- Bermúdez-Saldaña (2005) compared ECOSAR vs ECOTOX data for dimethoate and found that ECOSAR underestimated its toxicity.
- Tunkel et al., (2005) summarized the results of an intense workshop in Setubal, Portugal in 2002 by the Society for Environmental Toxicology and Chemistry that began the process of creating guidance on "the development and use of QSARs". The journal for that society - Environmental Toxicology and Chemistry - devoted an entire issue (volume 22, number 8, 2003) to review articles about mathematical models of chemical properties, fate and effects, and biological activity - QSARs. They noted that there were insufficient studies that compared QSAR predicted toxic concentrations to measured toxicity values (and in the next decade-or-so of research, many papers were published that did just this). They used ECOSAR (and other models) to predict toxicity for chemicals that were not present in the model database. ECOSAR had an r^2 of 0.74 for fish, though no data for invertebrates were compared.
- Reuschenbach et al., (2008) set out to compare acute toxicity data for fish, daphnids, and green algae with ECOSAR outputs for 1000 chemicals. For daphnids (presumably the organism USEPA Region 4 used in their soil criteria development)

ECOSAR predicted the toxicity testing derived value in 51.5% of samples, overestimated toxicity in 26.5% of samples, and underpredicted toxicity in 22% of samples (see Table 4 of Reuschenbach et al., 2008).

- Dom et al., (2010) compared ECOSAR predictions versus experimental data for a set of four chloroanilines. For algae, ECOSAR predicted the same magnitude of toxicity as the experimental data in 3 of 4 chemicals. For daphnids, it was 1 of 4 chemicals, and for fish it was 2 of 3 chemicals.
- de Hass (2011) compared ECOSAR output to toxicity data for about 20 chemicals to investigate its performance calculating fish chronic toxicity, and found generally excellent agreement, with ECOSAR showing a slight overestimation. They also reported that the validation for long term algae was good, but that daphnids had a much lower validation ratio.
- Barron et al., (2012) prepared ECOSAR toxicity values (using KowWin from USEPA's EPI Suite program https://www.epa.gov/tsca-screening-tools/epi-suitetm-estimation-program-interface to calculate octanol-water partitioning coefficients – K_{ow}s) for nine chemicals and compared them to actual lab and field measured aquatic toxicity values from the USEPA's ECOTOX Database (https://cfpub.epa.gov/ecotox/) and used the data sets to find the 5th percentile of values. The 5th percentile of values, protective of 95% of the species surveyed, is sometimes used to create regulatory criteria (Barron et al., 2012). Barron compared the values from ECOSAR and ECOTOX and found the following over- and under-estimations of toxicity (see Table 3 and Figure 3 from Barron et al., 2012):
    - Endrin - overestimate by 81x
    - Malathion - overestimate by 22x
    - Pentachlorophenol - overestimate by 5.3x
    - Benzene - overestimate by 1.5x
    - Carbaryl - underestimate by 1.2x
    - 4-Nitrophenol - underestimate by 1.7x
    - Phenol - underestimate by 2.9x
    - Ethylbenzene - underestimate by 3.3x
    - Permethrin - underestimate by 4.5x
- Melnikov et al., (2016) compared ECOSAR versus four other models to calculate acute toxicity of 83 organic chemicals to fish. To truly test the predictive ability of these models, they used chemicals that were not part of the dataset used to derive the QSARs. ECOSAR was the second most accurate model (out of five models tested). ECOSAR's total accuracy was 61%. The authors state that at least part of the reason for this is that even in 2016, 18 years after the model was released, some QSARs were still "based on as few as 2 data points".
- He et al., (2019) compared 10 other models to ECOSAR to compare their predictive ability for pesticide toxicity to daphnids. ECOSAR performed more poorly than the other 10 models.

- Khan et al., (2019) developed QSARs for toxicity to fish for several classes of organic compounds (aldehydes, amides, esters, phenols etc.). In every case, in the training data and the test data, their QSARs outperformed ECOSAR (see Table 2 of that study).
- Massarsky et al., (2022) compared measured and ECOSAR-predicted LC50s for polyfluorinated chemicals. For perfluorooctanoic acid they found that ECOSAR underestimated measured toxicity by 2-84x for fish, underestimated measured toxicity by 16x-108x for daphnids, and underestimated toxicity by 10x for mysids. ECOSAR underestimated toxicity of perfluorooctanesulfonic acid by 1.3-3x for fish and by 1.7x for mysids. Polyfluorinated chemicals are of relatively recent interest to the scientific community and the ECOSAR predictive capabilities are not fully modeled.

The Future of ECOSAR

The continuous improvement of ECOSAR is still in process. Wang et al., (2022) used machine learning algorithms to create a better model for rotifer NOECs. Xu et al., (2022) surveyed nearly two thousand chemicals using machine learning and deep learning to build predictive toxicity models that could be incorporated into ECOSAR. Shavalieva et al., (2022) developed an automated literature search program to extract potential data for the development of QSARs and then released the source code for other interested parties. While ECOSAR is an irreplaceable tool to find chemicals in need of further testing, it is still far from perfect. The USEPA Region 4 does not provide their ECOSAR output for the chemicals in their soil criteria based on ECOSAR output. The strength of the toxicity values that depend on that output is unknown and should be treated as a substantial uncertainty.

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